

**Appendix A: Waiver Administration and Operation**

**Quality Improvement: Administrative Authority of the Single State Medicaid Agency**

As a distinct component of the States quality improvement strategy, provide information in the following fields to detail the States methods for discovery and remediation.

**a. Methods for Discovery: Administrative Authority**

*The Medicaid Agency retains ultimate administrative authority and responsibility for the operation of the waiver program by exercising oversight of the performance of waiver functions by other state and local/regional non-state agencies (if appropriate) and contracted entities.*

**i. Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance, complete the following. Performance measures for administrative authority should not duplicate measures found in other appendices of the waiver application. As necessary and applicable, performance measures should focus on:*

- Uniformity of development/execution of provider agreements throughout all geographic areas covered by the waiver
- Equitable distribution of waiver openings in all geographic areas covered by the waiver
- Compliance with HCB settings requirements and other new regulatory components (for waiver actions submitted on or after March 17, 2014)

*Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**AA-2: Number and percent of months in a calendar quarter that each MCO reported all HCBS PM data measures. Numerator = # of months each MCO entered all required HCBS PM data; Denominator = # of reportable HCBS PM months in a calendar quarter.**

**Data Source (Select one):**

**Other**

If 'Other' is selected, specify:

**MCO performance monitoring**

<b>Responsible Party for data collection/generation</b> (check each that applies):	<b>Frequency of data collection/generation</b> (check each that applies):	<b>Sampling Approach</b> (check each that applies):
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval =

		<input type="text"/>
<b>Other</b> Specify:  <input type="text" value="MCOs"/>	<b>Annually</b>	<b>Stratified</b> Describe Group:  <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify:  <input type="text"/>
	<b>Other</b> Specify:  <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis (check each that applies):</b>	<b>Frequency of data aggregation and analysis(check each that applies):</b>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify:  <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify:  <input type="text"/>

**Performance Measure:**

**AA-1: Number and percent of required MCO HCBS PM quarterly reports that are submitted timely. Numerator = # of required MCO HCBS PM quarterly reports submitted timely; Denominator = # of MCO HCBS PM quarterly reports due in a calendar quarter.**

**Data Source (Select one):**

**Other**

If 'Other' is selected, specify:

**MCO performance monitoring**

<b>Responsible Party for data collection/generation</b> ( <i>check each that applies</i> ):	<b>Frequency of data collection/generation</b> ( <i>check each that applies</i> ):	<b>Sampling Approach</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="MCOs"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify: <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify:	<b>Annually</b>

<b>Responsible Party for data aggregation and analysis</b> (check each that applies):	<b>Frequency of data aggregation and analysis</b> (check each that applies):
<input type="checkbox"/>	
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="checkbox"/>

ii. If applicable, in the textbox below provide any necessary additional information on the strategies employed by the State to discover/identify problems/issues within the waiver program, including frequency and parties responsible.

Through the Bureau of Managed Care each MCO is assigned state staff as the contract manager; and other state staff are assigned to aggregate and analyze MCO data. This staff oversees the quality and timeliness of monthly reporting requirements. Whenever data is late or missing the issues are immediately addressed by each MCO account manager to the respective MCO.

**b. Methods for Remediation/Fixing Individual Problems**

i. Describe the States method for addressing individual problems as they are discovered. Include information regarding responsible parties and GENERAL methods for problem correction. In addition, provide information on the methods used by the state to document these items.

If the contract manager, or policy staff as a whole, discovers and documents a repeated deficiency in performance of the MCO, a plan for improved performance is developed. In addition, repeated deficiencies in contractual performance may result in a withholding of payment compensation.

General methods for problem correction include revisions to state contract terms based on lessons learned.

**ii. Remediation Data Aggregation**

**Remediation-related Data Aggregation and Analysis (including trend identification)**

<b>Responsible Party</b> (check each that applies):	<b>Frequency of data aggregation and analysis</b> (check each that applies):
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input type="checkbox"/> Contracted Entity and MCOs	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="checkbox"/>

**c. Timelines**

When the State does not have all elements of the Quality Improvement Strategy in place, provide timelines to design methods for discovery and remediation related to the assurance of Administrative Authority that are currently non-operational.

**No**

**Yes**

Please provide a detailed strategy for assuring Administrative Authority, the specific timeline for implementing identified strategies, and the parties responsible for its operation.

**Appendix B: Evaluation/Reevaluation of Level of Care**

**Quality Improvement: Level of Care**

As a distinct component of the States quality improvement strategy, provide information in the following fields to detail the States methods for discovery and remediation.

**a. Methods for Discovery: Level of Care Assurance/Sub-assurances**

*The state demonstrates that it implements the processes and instrument(s) specified in its approved waiver for evaluating/reevaluating an applicant's/waiver participant's level of care consistent with level of care provided in a hospital, NF or ICF/IID.*

**i. Sub-Assurances:**

- a. Sub-assurance: An evaluation for LOC is provided to all applicants for whom there is reasonable indication that services may be needed in the future.**

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**LC-a1: Number and percent of referrals for LOC that received a completed LOC decision. Numerator: # of referrals for LOC that received a completed LOC decision; Denominator: # of referrals for LOC.**

**Data Source (Select one):**

**Other**

If 'Other' is selected, specify:

**FFS and MCO members will be pulled from IoWANS for this measure. Iowa Medicaid MSU completes all initial level of care determinations for both FFS and MCO populations.**

<b>Responsible Party for data collection/generation</b>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
---	---	---

<i>(check each that applies):</i>		
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="contracted entity"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify: <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis</b> <i>(check each that applies):</i>	<b>Frequency of data aggregation and analysis</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input type="text"/>	<b>Annually</b>

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify:  <input type="text"/>

**b. Sub-assurance:** *The levels of care of enrolled participants are reevaluated at least annually or as specified in the approved waiver.*

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**c. Sub-assurance:** *The processes and instruments described in the approved waiver are applied appropriately and according to the approved description to determine participant level of care.*

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**LC-c1: Number and percent of initial level of care decisions that were accurately determined by applying the approved LOC criterion using standard operating procedures. Numerator: # of initial LOC decisions that were accurately determined by applying the approved LOC criterion using standard operating procedures; Denominator: # of reviewed initial LOC determinations**

**Data Source** (Select one):

**Other**

If 'Other' is selected, specify:

**IME MQUIDS and OnBase**

<b>Responsible Party for data</b>	<b>Frequency of data collection/generation</b>	<b>Sampling Approach</b> ( <i>check each that applies</i> ):
-----------------------------------	--	---

<b>collection/generation</b> <i>(check each that applies):</i>	<i>(check each that applies):</i>	
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval =  <div style="border: 1px solid black; padding: 5px;">                     95% confidence level with +/- 5% margin of error                 </div>
<b>Other</b> Specify:  <div style="border: 1px solid black; padding: 5px;">                     Contracted entity                 </div>	<b>Annually</b>	<b>Stratified</b> Describe Group:  <div style="border: 1px solid black; padding: 5px;">                     IA.0299 - BI (6%)                      IA.0213- AIDS/HIV (.05%)                      IA.0242 - ID (47%)                      IA.0345 - PD (4%)                      IA.0819 - CMH (4%)                      IA.4111 - HD (9%)                      IA.4155 - Elderly (30%)                 </div>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify:  <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>
	<b>Other</b> Specify:  <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	

**Data Aggregation and Analysis:**



Responsible Party for data aggregation and analysis (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
State Medicaid Agency	Weekly
Operating Agency	Monthly
Sub-State Entity	Quarterly
Other Specify: <input type="text"/>	Annually
	Continuously and Ongoing
	Other Specify: <input type="text"/>

ii. If applicable, in the textbox below provide any necessary additional information on the strategies employed by the State to discover/identify problems/issues within the waiver program, including frequency and parties responsible.

Data for completed LOC is collected quarterly through reports generated through IoWANS, MQUIDS, and OnBase. This data is monitored for trends from an individual and systems perspective to determine in procedural standards.

Monthly a random sample of LOC decisions is selected from each reviewer. Internal quality control activity is completed on the random sample. This level of scrutiny aids in early detection of variance from the stated LOC criteria.

**b. Methods for Remediation/Fixing Individual Problems**

i. Describe the States method for addressing individual problems as they are discovered. Include information regarding responsible parties and GENERAL methods for problem correction. In addition, provide information on the methods used by the state to document these items.

The state's QIO Medical Services Unit performs internal quality reviews of initial and annual level of care determinations to ensure that the proper criteria are applied. In instances when it is discovered that this has not occurred, the unit undertakes additional training for staff.

When an eligibility approval is made in error, the State allows for timely notice and discontinues the participant's benefits. All payments that were made for services, in which the participant was not actually eligible for, are deemed as an error and an overpayment is set to be collected from the participant. The eligibility worker reaches out to the participant at that time, explains to them what happened and encourages them to not use any additional services that will need to be repaid. If the participant is only eligible due to being eligible for the waiver, all Medicaid and waiver payments will be subject to the overpayment. If the participant is eligible for Medicaid on their own right, then only the waiver services are subject to the overpayment recoupment.

ii. **Remediation Data Aggregation**  
**Remediation-related Data Aggregation and Analysis (including trend identification)**

Responsible Party <i>(check each that applies):</i>	Frequency of data aggregation and analysis <i>(check each that applies):</i>
State Medicaid Agency	Weekly
Operating Agency	Monthly
Sub-State Entity	Quarterly
Other Specify: <input type="text"/>	Annually
	Continuously and Ongoing
	Other Specify: <input type="text"/>

**c. Timelines**

When the State does not have all elements of the Quality Improvement Strategy in place, provide timelines to design methods for discovery and remediation related to the assurance of Level of Care that are currently non-operational.

**No**

**Yes**

Please provide a detailed strategy for assuring Level of Care, the specific timeline for implementing identified strategies, and the parties responsible for its operation.

**Appendix C: Participant Services**

**Quality Improvement: Qualified Providers**

As a distinct component of the States quality improvement strategy, provide information in the following fields to detail the States methods for discovery and remediation.

**a. Methods for Discovery: Qualified Providers**

*The state demonstrates that it has designed and implemented an adequate system for assuring that all waiver services are provided by qualified providers.*

**i. Sub-Assurances:**

**a. Sub-Assurance:** *The State verifies that providers initially and continually meet required licensure and/or certification standards and adhere to other standards prior to their furnishing waiver services.*

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance, complete the following. Where possible, include numerator/denominator.*

For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.

**Performance Measure:**

**QP-a1: Number and percent of newly enrolled waiver providers verified against the appropriate licensing or certification standards prior to furnishing services.**

**Numerator: # of newly enrolled waiver providers verified against appropriate licensing or certification standards prior to furnishing services; Denominator: # of newly enrolled waiver providers required to be licensed or certified.**

**Data Source (Select one):**

**Other**

If 'Other' is selected, specify:

**Enrollment information out of IoWANS. All MCO HCBS providers must be enrolled as verified by the Iowa Medicaid PS.**

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="Contracted entity"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify:	

	<input style="width: 80%; height: 20px;" type="text"/>	
--	--	--

**Data Aggregation and Analysis:**

Responsible Party for data aggregation and analysis <i>(check each that applies):</i>	Frequency of data aggregation and analysis <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input style="width: 100%; height: 20px;" type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input style="width: 100%; height: 20px;" type="text"/>

**Performance Measure:**

**QP-a2: Number and percent of licensed/certified waiver provider re-enrollments verified against the appropriate licensing/certification standards prior to continuing to furnish services. See Main B. Optional section for full description of PM, including the numerator and denominator.**

**Data Source** (Select one):

**Reports to State Medicaid Agency on delegated**

If 'Other' is selected, specify:

**Re-enrollment information out of IoWANS. All MCO HCBS providers must be re-enrolled as verified by the Iowa Medicaid Provider Services Unit every five years.**

Responsible Party for data collection/generation <i>(check each that applies):</i>	Frequency of data collection/generation <i>(check each that applies):</i>	Sampling Approach <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>

<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="contract entity"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify: <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis (check each that applies):</b>	<b>Frequency of data aggregation and analysis(check each that applies):</b>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input type="text" value="Contracted entity"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

**b. Sub-Assurance: The State monitors non-licensed/non-certified providers to assure adherence to waiver requirements.**

For each performance measure the State will use to assess compliance with the statutory assurance, complete the following. Where possible, include numerator/denominator.

For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.

**Performance Measure:**

**QP-b1: Number and percent of non-licensed/noncertified providers that met waiver requirements prior to direct service delivery. Numerator: # of non-licensed/noncertified providers who met waiver requirements prior to direct service delivery; Denominator: # of non-licensed/noncertified providers.**

**Data Source** (Select one):

**Other**

If 'Other' is selected, specify:

**Provider Enrollment records, Institutional and Waiver Authorization and Narrative System (IoWANS), claims**

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="Contracted Entity"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>

	<b>Other</b> Specify: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	
--	--	--

**Data Aggregation and Analysis:**

Responsible Party for data aggregation and analysis <i>(check each that applies):</i>	Frequency of data aggregation and analysis <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>

**Performance Measure:**

**QP-b2: Number and percent of Consumer Choice Option (CCO) providers that met waiver requirements prior to direct service delivery. Numerator: number of CCO providers who met waiver requirements prior to direct service delivery Denominator: number of CCO providers.**

**Data Source (Select one):**

**Other**

If 'Other' is selected, specify:

**Financial Management Services (FMS) provider data collection**

Responsible Party for data collection/generation <i>(check each that applies):</i>	Frequency of data collection/generation <i>(check each that applies):</i>	Sampling Approach <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100%</b>

		<b>Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="FMS Provider"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify: <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis (check each that applies):</b>	<b>Frequency of data aggregation and analysis (check each that applies):</b>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify:



<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
	<input type="text"/>

c. **Sub-Assurance: The State implements its policies and procedures for verifying that provider training is conducted in accordance with state requirements and the approved waiver.**

For each performance measure the State will use to assess compliance with the statutory assurance, complete the following. Where possible, include numerator/denominator.

For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.

**Performance Measure:**

**QP-c1: Number and percent of HCBS providers that meet training requirements as outlined in State regulations and the approved waiver. Numerator: # of HCBS providers that meet training requirements as outlined in State regulations and the approved waiver; Denominator: # of HCBS providers that had a certification or periodic quality assurance review.**

**Data Source** (Select one):

**Record reviews, off-site**

If 'Other' is selected, specify:

**Provider's evidence of staff training and provider training policies. All certified and periodic reviews are conducted on a 5 year cycle; at the end of the cycle all providers are reviewed.**

<b>Responsible Party for data collection/generation</b> ( <i>check each that applies</i> ):	<b>Frequency of data collection/generation</b> ( <i>check each that applies</i> ):	<b>Sampling Approach</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify:	<b>Annually</b>	<b>Stratified</b> Describe Group:

Contracted Entity <input style="width: 100%;" type="text"/>		<input style="width: 100%;" type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input style="width: 100%;" type="text"/>
	<b>Other</b> Specify: <input style="width: 100%;" type="text"/>	

**Data Aggregation and Analysis:**

Responsible Party for data aggregation and analysis ( <i>check each that applies</i> ):	Frequency of data aggregation and analysis( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input style="width: 100%;" type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input style="width: 100%;" type="text"/>

ii. If applicable, in the textbox below provide any necessary additional information on the strategies employed by the State to discover/identify problems/issues within the waiver program, including frequency and parties responsible.

The Iowa Medicaid Provider Services unit is responsible for review of provider licensing, certification, background checks of relevant providers, and determining compliance with provider service and business requirements prior to initial enrollment and reenrollment. All MCO providers must be enrolled as verified by Iowa Medicaid Provider Services.

The Home and Community Based Services (HCBS) quality oversight unit is responsible for reviewing provider records at a 100% level over a three-to-five-year cycle, depending on certification or accreditation. If it is discovered that providers are not adhering to provider training requirements, a corrective action plan is implemented. If corrective action attempts do not correct noncompliance, the provider is sanctioned for noncompliance and eventually disenrolled or terminated if noncompliance persists.

**b. Methods for Remediation/Fixing Individual Problems**

- i. Describe the States method for addressing individual problems as they are discovered. Include information regarding responsible parties and GENERAL methods for problem correction. In addition, provide information on the methods used by the state to document these items.

If it is discovered by Provider Services Unit during the review that the provider is not compliant in one of the enrollment and reenrollment state or federal provider requirements, the provider is required to correct deficiency prior to enrollment or reenrollment approval. Until the provider make these corrections, they are ineligible to provide services to waiver members. All MCO providers must be enrolled as verified by Iowa Medicaid Provider Services, so if the provider is no longer enrolled by Iowa Medicaid, then that provider is no longer eligible to enroll with an MCO.

**ii. Remediation Data Aggregation**

**Remediation-related Data Aggregation and Analysis (including trend identification)**

<b>Responsible Party</b> <i>(check each that applies):</i>	<b>Frequency of data aggregation and analysis</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify:  Contracted entity and MCO	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify:  

**c. Timelines**

When the State does not have all elements of the Quality Improvement Strategy in place, provide timelines to design methods for discovery and remediation related to the assurance of Qualified Providers that are currently non-operational.

**No**

**Yes**

Please provide a detailed strategy for assuring Qualified Providers, the specific timeline for implementing identified strategies, and the parties responsible for its operation.

**Appendix D: Participant-Centered Planning and Service Delivery**

**Quality Improvement: Service Plan**

As a distinct component of the States quality improvement strategy, provide information in the following fields to detail the States methods for discovery and remediation.

**a. Methods for Discovery: Service Plan Assurance/Sub-assurances**

*The state demonstrates it has designed and implemented an effective system for reviewing the adequacy of service plans for waiver participants.*

**i. Sub-Assurances:**

- a. Sub-assurance: Service plans address all participants assessed needs (including health and safety risk factors) and personal goals, either by the provision of waiver services or through other means.**

**Performance Measures**

For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.

For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.

**Performance Measure:**

**SP-a1: Number and percent of service plans that accurately address all the member's assessed needs, including at a minimum, health and safety risk factors, and personal goals**  
**Numerator: # of service plans that accurately address all the member's assessed needs, including at a minimum, health and safety risk factors, and personal goals**  
**Denominator: # of reviewed service plans.**

**Data Source (Select one):**

**Record reviews, off-site**

If 'Other' is selected, specify:

**person-centered plans and the results of the department approved assessment**

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample Confidence</b>

		Interval =  95% confidence level with +/- 5% margin of error
<b>Other</b> Specify:  Contracted Entity including MCO	<b>Annually</b>	<b>Stratified</b> Describe Group:  IA.0299 - BI (6%) IA.0213- AIDS/HIV (.05%) IA.0242 - ID (47%) IA.0345 - PD (4%) IA.0819 - CMH (4%) IA.4111 - HD (9%) IA.4155 - Elderly (30%)
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify:  
	<b>Other</b> Specify:  	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis (check each that applies):</b>	<b>Frequency of data aggregation and analysis(check each that applies):</b>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify:	<b>Annually</b>

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<div style="border: 1px solid black; height: 40px; width: 100%;"></div>	
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <div style="border: 1px solid black; height: 30px; width: 100%;"></div>

**b. Sub-assurance: The State monitors service plan development in accordance with its policies and procedures.**

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**c. Sub-assurance: Service plans are updated/revised at least annually or when warranted by changes in the waiver participants needs.**

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**SP-c1: Number and percent of members who responded “YES” on the HCBS IPES survey to the question “IF YOUR NEEDS HAVE CHANGED, DID YOUR SERVICES CHANGE TO MEET THOSE NEEDS?”. Please see Main: Optional for the full description, including the Numerator and Denominator**

**Data Source** (Select one):

**Record reviews, off-site**

If 'Other' is selected, specify:

**FFS IPES and MCO IPES databases**

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval =  <div style="border: 1px solid black; padding: 5px; width: fit-content;">                         95% confidence level with +/- 5% margin of error                     </div>
<b>Other</b> Specify:  <div style="border: 1px solid black; padding: 5px; width: fit-content;">                         Contracted Entity including MCO                     </div>	<b>Annually</b>	<b>Stratified</b> Describe Group:  <div style="border: 1px solid black; padding: 5px; width: fit-content;">                         IA.0299 - BI (6%)                          IA.0213- AIDS/HIV (.05%)                          IA.0242 - ID (47%)                          IA.0345 - PD (4%)                          IA.0819 - CMH (4%)                          IA.4111 - HD (9%)                          IA.4155 - Elderly (30%)                     </div>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify:  <div style="border: 1px solid black; width: 100px; height: 20px; margin-left: auto; margin-right: auto;"></div>
	<b>Other</b> Specify:  <div style="border: 1px solid black; width: 100px; height: 20px; margin-left: auto; margin-right: auto;"></div>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis</b> <i>(check each that applies):</i>	<b>Frequency of data aggregation and analysis</b> <i>(check each that applies):</i>
State Medicaid Agency	Weekly
Operating Agency	Monthly
Sub-State Entity	Quarterly
Other Specify:  <input type="text"/>	Annually
	Continuously and Ongoing
	Other Specify:  <input type="text"/>

**Performance Measure:**

**SP-c2: Number and percent of service plans which are updated on or before the member's annual due date. Numerator: # of service plans which were updated on or before the member's annual due date; Denominator: # service plans due for annual update that were reviewed.**

**Data Source** (Select one):

**Record reviews, off-site**

If 'Other' is selected, specify:

**person-centered plans and the results of the department approved assessment**

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
State Medicaid Agency	Weekly	100% Review
Operating Agency	Monthly	Less than 100% Review
Sub-State Entity	Quarterly	Representative Sample Confidence Interval =



		95% confidence level with +/- 5% margin of error
<b>Other</b> Specify:  <div style="border: 1px solid black; padding: 5px; width: fit-content;">                     Medicaid contracted entity including MCO                 </div>	<b>Annually</b>	<b>Stratified</b> Describe Group:  <div style="border: 1px solid black; padding: 5px;">                     IA.0299 - BI (6%)                      IA.0213- AIDS/HIV (.05%)                      IA.0242 - ID (47%)                      IA.0345 - PD (4%)                      IA.0819 - CMH (4%)                      IA.4111 - HD (9%)                      IA.4155 - Elderly (30%)                 </div>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify:  <div style="border: 1px solid black; width: 100px; height: 20px; margin-left: auto; margin-right: auto;"></div>
	<b>Other</b> Specify:  <div style="border: 1px solid black; width: 100px; height: 20px; margin-left: auto; margin-right: auto;"></div>	

**Data Aggregation and Analysis:**

Responsible Party for data aggregation and analysis <i>(check each that applies):</i>	Frequency of data aggregation and analysis <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify:	<b>Annually</b>

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<input type="text"/>	
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

**d. Sub-assurance: Services are delivered in accordance with the service plan, including the type, scope, amount, duration and frequency specified in the service plan.**

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**SP-d1: Number and percent of members whose services were delivered according to the service plan, including type, scope, amount, duration, and frequency specified in the plan. Numerator: # of members whose services were delivered according to the service plan, including type, scope, amount, duration, and frequency specified in the plan. Denominator: # of member’s service plans reviewed.**

**Data Source** (Select one):

**Record reviews, off-site**

If 'Other' is selected, specify:

**Service plans are requested from the case managers, with service provision documentation requested from providers**

<b>Responsible Party for data collection/generation</b> ( <i>check each that applies</i> ):	<b>Frequency of data collection/generation</b> ( <i>check each that applies</i> ):	<b>Sampling Approach</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative</b>

		<p><b>Sample</b> Confidence Interval =</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>95% confidence level with +/- 5% margin of error</p> </div>
<p><b>Other</b> Specify:</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Contracted Entity including MCO</p> </div>	<p><b>Annually</b></p>	<p><b>Stratified</b> Describe Group:</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>IA.0299 - BI (6%) IA.0213- AIDS/HIV (.05%) IA.0242 - ID (47%) IA.0345 - PD (4%) IA.0819 - CMH (4%) IA.4111 - HD (9%) IA.4155 - Elderly (30%)</p> </div>
	<p><b>Continuously and Ongoing</b></p>	<p><b>Other</b> Specify:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>
	<p><b>Other</b> Specify:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	

**Data Aggregation and Analysis:**

Responsible Party for data aggregation and analysis (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
State Medicaid Agency	Weekly
Operating Agency	Monthly
Sub-State Entity	Quarterly

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<b>Other</b> Specify: <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

**e. Sub-assurance: Participants are afforded choice: Between/among waiver services and providers.**

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**SP-e1: Number and percent of HCBS IPES respondents who responded that they had a choice of services. Numerator: # of HCBS IPES respondents who responded that they had a choice of services; Denominator: # of HCBS IPES respondents that answered the question asking if they had a choice of services.**

**Data Source** (Select one):

**Analyzed collected data (including surveys, focus group, interviews, etc)**

If 'Other' is selected, specify:

**FFS IPES and MCO IPES databases**

<b>Responsible Party for data collection/generation</b> ( <i>check each that applies</i> ):	<b>Frequency of data collection/generation</b> ( <i>check each that applies</i> ):	<b>Sampling Approach</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative</b>

		<p><b>Sample</b> Confidence Interval =</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;">                 95% confidence level with +/- 5% margin of error             </div>
<p><b>Other</b> Specify:</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;">                 Contracted entity including MCO             </div>	<p><b>Annually</b></p>	<p><b>Stratified</b> Describe Group:</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;">                 IA.0299 - BI (6%)                  IA.0213- AIDS/HIV (.05%)                  IA.0242 - ID (47%)                  IA.0345 - PD (4%)                  IA.0819 - CMH (4%)                  IA.4111 - HD (9%)                  IA.4155 - Elderly (30%)             </div>
	<p><b>Continuously and Ongoing</b></p>	<p><b>Other</b> Specify:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>
	<p><b>Other</b> Specify:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	

**Data Aggregation and Analysis:**

Responsible Party for data aggregation and analysis ( <i>check each that applies</i> ):	Frequency of data aggregation and analysis( <i>check each that applies</i> ):
State Medicaid Agency	Weekly
Operating Agency	Monthly
Sub-State Entity	Quarterly

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<b>Other</b> Specify: <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

**Performance Measure:**

**SP-e2: Number and percent of service plans from the HCBS QA survey review that indicated the member had a choice of HCBS service providers. Numerator: Number of service plans from the HCBS QA survey review that indicated the member had a choice of HCBS service providers; Denominator: Number of service plans from the HCBS QA survey that were reviewed.**

**Data Source** (Select one):

**Record reviews, off-site**

If 'Other' is selected, specify:

**FFS QA review of service plan stored in OnBase. MCO review services plans available through their system.**

<b>Responsible Party for data collection/generation</b> ( <i>check each that applies</i> ):	<b>Frequency of data collection/generation</b> ( <i>check each that applies</i> ):	<b>Sampling Approach</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <div style="border: 1px solid black; padding: 5px; width: fit-content;">                         95% confidence level with +/- 5% margin of error                     </div>
<b>Other</b>	<b>Annually</b>	<b>Stratified</b>

<p>Specify:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">                 Medicaid contracted entity, including MCO             </div>		<p>Describe Group:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">                 IA.0299 - BI (6%)                  IA.0213- AIDS/HIV (.05%)                  IA.0242 - ID (47%)                  IA.0345 - PD (4%)                  IA.0819 - CMH (4%)                  IA.4111 - HD (9%)                  IA.4155 - Elderly (30%)             </div>
	<p><b>Continuously and Ongoing</b></p>	<p><b>Other</b> Specify:</p> <div style="border: 1px solid black; height: 30px; margin-top: 10px;"></div>
	<p><b>Other</b> Specify:</p> <div style="border: 1px solid black; height: 30px; margin-top: 10px;"></div>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis (check each that applies):</b>	<b>Frequency of data aggregation and analysis (check each that applies):</b>
<p><b>State Medicaid Agency</b></p>	<p><b>Weekly</b></p>
<p><b>Operating Agency</b></p>	<p><b>Monthly</b></p>
<p><b>Sub-State Entity</b></p>	<p><b>Quarterly</b></p>
<p><b>Other</b> Specify:</p> <div style="border: 1px solid black; height: 30px; margin-top: 10px;"></div>	<p><b>Annually</b></p>
	<p><b>Continuously and Ongoing</b></p>
	<p><b>Other</b> Specify:</p>

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>

ii. If applicable, in the textbox below provide any necessary additional information on the strategies employed by the State to discover/identify problems/issues within the waiver program, including frequency and parties responsible.

The HCBS Quality Oversight Unit has identified questions and answers on the Iowa Personal Experience Survey (IPES) that demand additional attention. If member answers ‘No or I don’t know’ to an identified IPES question, a follow-up letter is sent to the case manager to ensure the member is participating in Person Centered Planning. This assures 100% follow up with the member’s case manager on all responses to the identified question. Person Centered Planning is also monitored by the HCBS QA Unit through the MCO Community Based Case Manager (CMCB) Interdisciplinary Team (IDT) Ride Along process. The QA staff participates in a random selection of IDT meetings and then follows up to ensure that the final authorized plan agrees with the plan agreed upon by the IDT.

Data and results obtained by the HCBS QIO unit are reviewed by the Quality Assurance Committee at least annually. Results from the IPES and service plan Ride Along process are reviewed for issues and trends that may require corrective actions plans development. General methods for problem correction at a systemic level include informational letters, provider trainings, collaboration with stakeholders and changes in policy.

**b. Methods for Remediation/Fixing Individual Problems**

i. Describe the States method for addressing individual problems as they are discovered. Include information regarding responsible parties and GENERAL methods for problem correction. In addition, provide information on the methods used by the state to document these items.

The Medical Services Unit utilizes criteria to grade each reviewed service plan component. If it is determined that the service plan does not meet the standards for component(s), the case manager is notified of deficiency and expectations for remediation. MCOs are responsible for oversight of service plans for their members.

The HCBS QIO has identified IPES questions and answers that demand additional attention. These questions are considered urgent in nature and are flagged for follow-up. Based on the responses to these flagged questions, the HCBS interviewer performs education to the member at the time of the interview and requests additional information and remediation from the case manager.

General methods for problem correction at a systemic level include informational letters, provider training, collaboration with stakeholders and changes in policy.

**ii. Remediation Data Aggregation**

**Remediation-related Data Aggregation and Analysis (including trend identification)**

<b>Responsible Party</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify:	<b>Annually</b>



<b>Responsible Party</b> <i>(check each that applies):</i>	<b>Frequency of data aggregation and analysis</b> <i>(check each that applies):</i>
Contracted Entities including MCOs	
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify:  <div style="border: 1px solid black; height: 30px; width: 100%;"></div>

**c. Timelines**

When the State does not have all elements of the Quality Improvement Strategy in place, provide timelines to design methods for discovery and remediation related to the assurance of Service Plans that are currently non-operational.

**No**

**Yes**

Please provide a detailed strategy for assuring Service Plans, the specific timeline for implementing identified strategies, and the parties responsible for its operation.

**Appendix G: Participant Safeguards**

**Quality Improvement: Health and Welfare**

As a distinct component of the States quality improvement strategy, provide information in the following fields to detail the States methods for discovery and remediation.

**a. Methods for Discovery: Health and Welfare**

*The state demonstrates it has designed and implemented an effective system for assuring waiver participant health and welfare. (For waiver actions submitted before June 1, 2014, this assurance read "The State, on an ongoing basis, identifies, addresses, and seeks to prevent the occurrence of abuse, neglect and exploitation.")*

**i. Sub-Assurances:**

**a. Sub-assurance: The state demonstrates on an ongoing basis that it identifies, addresses and seeks to prevent instances of abuse, neglect, exploitation and unexplained death.** *(Performance measures in this sub-assurance include all Appendix G performance measures for waiver actions submitted before June 1, 2014.)*

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**HW-a3: Number and percent of member service plans that indicate the member received information on how to identify and report abuse, neglect, exploitation and unexplained deaths. Numerator: #of members service plans that indicate the members received information on how to identify and report abuse, neglect, exploitation and unexplained deaths. Denominator: Total # of member service plans reviewed.**

**Data Source** (Select one):

**Record reviews, on-site**

If 'Other' is selected, specify:

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval =  <div style="border: 1px solid black; padding: 5px; width: fit-content;">                         95% confidence level with +/- 5% margin of error                     </div>
<b>Other</b> Specify:  <div style="border: 1px solid black; padding: 5px; width: fit-content;">                         MCO and contracted entity                     </div>	<b>Annually</b>	<b>Stratified</b> Describe Group:  <div style="border: 1px solid black; padding: 5px; width: fit-content;">                         IA.0213 AIDS/HIV (.05%)                          IA.0242 ID (47%)                          IA.0299 BI (6%)                          IA.0345 PD (4%)                          IA.0819 CMH (4%)                          IA.4111 HD Waiver (9%)                          IA.4155 - Elderly Waiver (30%)                     </div>
	<b>Continuously and</b>	<b>Other</b>

	<b>Ongoing</b>	Specify: <input style="width: 100px; height: 20px;" type="text"/>
	<b>Other</b> Specify: <input style="width: 100px; height: 20px;" type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis</b> <i>(check each that applies):</i>	<b>Frequency of data aggregation and analysis</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input style="width: 100%; height: 20px;" type="text" value="MCO and contracted entity"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input style="width: 100%; height: 20px;" type="text"/>

**Performance Measure:**

**HW-a2: Number and percent of Critical Incident Reports (CIRs) including alleged abuse, neglect, exploitation, or unexplained death that were followed up on as required. Numerator: # of CIRs including alleged abuse, neglect, exploitation, or unexplained death that were followed up on as required; Denominator: # of CIRs that included alleged abuse, neglect, exploitation, or unexplained death.**

**Data Source** (Select one):

**Critical events and incident reports**

If 'Other' is selected, specify:

**FFS and MCO CIR databases.**

<b>Responsible Party for data collection/generation</b>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
---	--	--

<i>(check each that applies):</i>		
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="Contracted Entity, including MCO"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify: <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis (check each that applies):</b>	<b>Frequency of data aggregation and analysis (check each that applies):</b>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input type="text"/>	<b>Annually</b>

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

**Performance Measure:**

**HW-a1: Number and percent of IAC-defined major critical incidents requiring follow-up escalation that were investigated as required. Numerator: number IAC-defined major critical incidents requiring follow-up escalation that were investigated as required; Denominator: number of IAC-defined major critical incidents requiring follow-up escalation.**

**Data Source** (Select one):

**Critical events and incident reports**

If 'Other' is selected, specify:

**Data collected in the FFS and MCO CIR databases.**

<b>Responsible Party for data collection/generation</b> ( <i>check each that applies</i> ):	<b>Frequency of data collection/generation</b> ( <i>check each that applies</i> ):	<b>Sampling Approach</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text"/> Contracted Entity, including MCO	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>

		<input type="text"/>
	<p><b>Other</b> Specify:</p> <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis (check each that applies):</b>	<b>Frequency of data aggregation and analysis(check each that applies):</b>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<p><b>Other</b> Specify:</p> <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<p><b>Other</b> Specify:</p> <input type="text"/>

**b. Sub-assurance:** *The state demonstrates that an incident management system is in place that effectively resolves those incidents and prevents further similar incidents to the extent possible.*

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**HW-b1: Number and percent of unresolved critical incidents that resulted in a**

targeted review that were appropriately resolved. Numerator: number of unresolved critical incidents that resulted in a targeted review that were appropriately resolved; Denominator: number of unresolved critical incidents that resulted in a targeted review.

Data Source (Select one):

Critical events and incident reports

If 'Other' is selected, specify:

FFS/HCBS Unit and MCO data obtained from CIR databases.

Responsible Party for data collection/generation <i>(check each that applies):</i>	Frequency of data collection/generation <i>(check each that applies):</i>	Sampling Approach <i>(check each that applies):</i>
State Medicaid Agency	Weekly	100% Review
Operating Agency	Monthly	Less than 100% Review
Sub-State Entity	Quarterly	Representative Sample Confidence Interval = <input type="text"/>
Other Specify:  <input type="text"/>	Annually	Stratified Describe Group:  <input type="text"/>
	Continuously and Ongoing	Other Specify:  <input type="text"/>
	Other Specify:  <input type="text"/>	

Data Aggregation and Analysis:

<b>Responsible Party for data aggregation and analysis</b> <i>(check each that applies):</i>	<b>Frequency of data aggregation and analysis</b> <i>(check each that applies):</i>
State Medicaid Agency	Weekly
Operating Agency	Monthly
Sub-State Entity	Quarterly
Other Specify:  <input type="text"/>	Annually
	Continuously and Ongoing
	Other Specify:  <input type="text"/>

**Performance Measure:**

**HW-b2: Number and percent of critical incidents where root cause was identified.**

**Numerator: Number of critical incidents where root cause was identified.**

**Denominator: # of Critical Incident Reports**

**Data Source** (Select one):

**Record reviews, on-site**

If 'Other' is selected, specify:

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
State Medicaid Agency	Weekly	100% Review
Operating Agency	Monthly	Less than 100% Review
Sub-State Entity	Quarterly	Representative Sample Confidence Interval =  <input type="text"/>
Other Specify:	Annually	Stratified Describe Group:



<input type="text" value="MCO and contracted entity"/>		<input type="text"/>
	<p><b>Continuously and Ongoing</b></p>	<p><b>Other</b> Specify:</p> <input type="text"/>
	<p><b>Other</b> Specify:</p> <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<p><b>State Medicaid Agency</b></p>	<p><b>Weekly</b></p>
<p><b>Operating Agency</b></p>	<p><b>Monthly</b></p>
<p><b>Sub-State Entity</b></p>	<p><b>Quarterly</b></p>
<p><b>Other</b> Specify:</p> <input type="text" value="MCO and contracted entity"/>	<p><b>Annually</b></p>
	<p><b>Continuously and Ongoing</b></p>
	<p><b>Other</b> Specify:</p> <input type="text"/>

**Performance Measure:**

**HW-b3: Number and percent of emergency room visits that meet the definition of a CI where a CIR was submitted. Numerator: Number emergency room visits, that meet the definition of a CI, where a CIR was submitted; Denominator: Number of emergency room visits meeting the definition of CI.**

**Data Source** (Select one):

**Other**

If 'Other' is selected, specify:

**MMIS submitted claims and Critical events and incident reports.**

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="Contracted Entity and MCOs"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify: <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis</b> <i>(check each that applies):</i>	<b>Frequency of data aggregation and analysis</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify:	<b>Annually</b>

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<input type="text"/>	
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

c. *Sub-assurance: The state policies and procedures for the use or prohibition of restrictive interventions (including restraints and seclusion) are followed.*

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**HW-c1: Number and percent of providers that met the requirements for the use of restraint, restriction, or behavioral intervention programs with restrictive procedures. Numerator: number providers that met the requirements for use of restraint, restriction, or behavioral intervention programs with restrictive procedure; Denominator: total number of reviewed providers.**

**Data Source** (Select one):

**Record reviews, on-site**

If 'Other' is selected, specify:

**Provider's policies and procedures. All certified and periodic reviews are conducted on a 5 year cycle; at the end of the cycle all providers are reviewed.**

<b>Responsible Party for data collection/generation</b> ( <i>check each that applies</i> ):	<b>Frequency of data collection/generation</b> ( <i>check each that applies</i> ):	<b>Sampling Approach</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative</b>

		<b>Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="Contracted Entity including MCO"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify: <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

d. *Sub-assurance: The state establishes overall health care standards and monitors those standards based on the responsibility of the service provider as stated in the approved waiver.*

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**HW-d1: Number and percent of waiver members who received care from a primary care physician in the last 12 months. Numerator: Number of waiver members who received care from a primary care physician in the last 12 months; Denominator: Number of waiver members reviewed.**

**Data Source** (Select one):

**Critical events and incident reports**

If 'Other' is selected, specify:

**MMIS claims data**

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">95% confidence level with +/- 5% margin of error</div>
<b>Other</b> Specify: <div style="border: 1px solid black; padding: 2px; width: fit-content; margin-top: 5px;">Contracted Entity</div>	<b>Annually</b>	<b>Stratified</b> Describe Group:

		IA.0299 - BI (6%) IA.0213- AIDS/HIV (.05%) IA.0242 - ID (47%) IA.0345 - PD (4%) IA.0819 - CMH (4%) IA.4111 - HD (9%) IA.4155 - Elderly (30%)
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify:	<input type="text"/>

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis (check each that applies):</b>	<b>Frequency of data aggregation and analysis(check each that applies):</b>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify:

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):

ii. If applicable, in the textbox below provide any necessary additional information on the strategies employed by the State to discover/identify problems/issues within the waiver program, including frequency and parties responsible.

**b. Methods for Remediation/Fixing Individual Problems**

i. Describe the States method for addressing individual problems as they are discovered. Include information regarding responsible parties and GENERAL methods for problem correction. In addition, provide information on the methods used by the state to document these items.

The HCBS QIO and each MCO are responsible for monitoring and analyzing data associated with the major incidents reported for members on waivers. Data is pulled from the data warehouse and from MCO reporting on a regular basis for programmatic trends, individual issues and operational concerns. Reported incidents of abuse, medication error, death, rights restrictions, and restraints are investigated further by the HCBS Incident Reporting Specialist as each report is received. The analysis of this data is presented to the state on a quarterly basis.

The HCBS QIO, and each MCO, is responsible for conducting IPES interviews with waiver members. The IPES tool has been expanded based on the federal PES tool and thought to capture a more comprehensive view of Iowa's waiver population needs and issues. The IPES tool incorporates the seven principles of the Quality Framework and is able to adjust based on the member interviewed and service enrollment. HCBS Specialists conduct interviews either face-to-face or via telephone, to the discretion of the waiver member. All waiver members have the right to decline interview. The results of these interviews are presented to the state on a quarterly basis.

The HCBS Specialists conducting interviews conduct individual remediation to flagged questions. In the instance that a flagged question/response occurs, the Specialist first seeks further clarification from the member and provides education when necessary. Following the interview, the case manager is notified and information regarding remediation is required within 30 days. This data is stored in a database and reported to the state on a quarterly and annual basis. MCO are responsible for research and follow up to flagged responses. General methods for problem correction at a systemic level include informational letters, provider trainings, collaboration with stakeholders and changes to provider policy.

ii. **Remediation Data Aggregation**

**Remediation-related Data Aggregation and Analysis (including trend identification)**

<b>Responsible Party</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify:	<b>Annually</b>

Responsible Party( <i>check each that applies</i> ):	Frequency of data aggregation and analysis( <i>check each that applies</i> ):
<input type="checkbox"/> contracted entity and MCOs	
	<input type="checkbox"/> Continuously and Ongoing
	Other Specify:  <input type="text"/>

**c. Timelines**

When the State does not have all elements of the Quality Improvement Strategy in place, provide timelines to design methods for discovery and remediation related to the assurance of Health and Welfare that are currently non-operational.

**No**

**Yes**

Please provide a detailed strategy for assuring Health and Welfare, the specific timeline for implementing identified strategies, and the parties responsible for its operation.

**Appendix I: Financial Accountability**

**Quality Improvement: Financial Accountability**

As a distinct component of the States quality improvement strategy, provide information in the following fields to detail the States methods for discovery and remediation.

**a. Methods for Discovery: Financial Accountability Assurance:**

*The State must demonstrate that it has designed and implemented an adequate system for ensuring financial accountability of the waiver program. (For waiver actions submitted before June 1, 2014, this assurance read "State financial oversight exists to assure that claims are coded and paid for in accordance with the reimbursement methodology specified in the approved waiver.")*

**i. Sub-Assurances:**

- a. Sub-assurance: The State provides evidence that claims are coded and paid for in accordance with the reimbursement methodology specified in the approved waiver and only for services rendered.**  
*(Performance measures in this sub-assurance include all Appendix I performance measures for waiver actions submitted before June 1, 2014.)*

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**



**FA-a1: Number and percent of FFS claims paid for services provided to waiver members for which there is a corresponding prior authorization. Numerator: Number of FFS claims paid for services provided to waiver members for which there is a corresponding prior authorization.; Denominator: Total number of reviewed paid claims**

**Data Source** (Select one):

**Financial records (including expenditures)**

If 'Other' is selected, specify:

**Program Integrity reviews claims and provider documentation for providers already under review.**

<b>Responsible Party for data collection/generation</b> <i>(check each that applies):</i>	<b>Frequency of data collection/generation</b> <i>(check each that applies):</i>	<b>Sampling Approach</b> <i>(check each that applies):</i>
State Medicaid Agency	Weekly	100% Review
Operating Agency	Monthly	Less than 100% Review
Sub-State Entity	Quarterly	<b>Representative Sample</b> Confidence Interval =  <div style="border: 1px solid black; padding: 2px;">                         95% confidence level with +/- 5% margin of error                     </div>
<b>Other</b> Specify:  <div style="border: 1px solid black; padding: 2px;">                         Contracted Entity                     </div>	Annually	<b>Stratified</b> Describe Group:  <div style="border: 1px solid black; padding: 2px;">                         IA.0213 AIDS/HIV (.05%)                          IA.0242 ID (47%)                          IA.0299 BI (6%)                          IA.0345 PD (4%)                          IA.0819 CMH (4%)                          IA.4111 HD Waiver (9%)                          IA.4155 - Elderly Waiver (30%)                     </div>

	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify: <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis</b> ( <i>check each that applies</i> ):	<b>Frequency of data aggregation and analysis</b> ( <i>check each that applies</i> ):
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify: <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

**Performance Measure:**

**FA-a2: Number and percent of clean claims that are paid by the managed care organizations within the timeframes specified in the contract. Numerator: number of clean claims that are paid by the managed care organization within the timeframes specified in the contract; Denominator: number of Managed Care provider claims.**

**Data Source** (Select one):

**Financial records (including expenditures)**

If 'Other' is selected, specify:

**Claims Data Adjudicated claims summary, claims aging summary, and claims lag report**

<b>Responsible Party for</b>	<b>Frequency of data</b>	<b>Sampling Approach</b>
------------------------------	--------------------------	--------------------------

<b>data collection/generation</b> <i>(check each that applies):</i>	<b>collection/generation</b> <i>(check each that applies):</i>	<i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="Contracted Entity including MCOs"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify: <input type="text"/>
	<b>Other</b> Specify: <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis</b> <i>(check each that applies):</i>	<b>Frequency of data aggregation and analysis</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Other</b> Specify:	<b>Annually</b>

<b>Responsible Party for data aggregation and analysis</b> (check each that applies):	<b>Frequency of data aggregation and analysis</b> (check each that applies):
<input type="text"/>	
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

**Performance Measure:**

**FA-a3: Number and percent of claims that are reimbursed according to the Iowa Administrative Code approved rate methodology for waiver services provided.**

**Numerator: Number of claims that are reimbursed according to the Iowa Administrative Code approved rate methodology for waiver services provided;**

**Denominator: Number of paid claims**

**Data Source** (Select one):

**Financial records (including expenditures)**

If 'Other' is selected, specify:

<b>Responsible Party for data collection/generation</b> (check each that applies):	<b>Frequency of data collection/generation</b> (check each that applies):	<b>Sampling Approach</b> (check each that applies):
<b>State Medicaid Agency</b>	<b>Weekly</b>	<b>100% Review</b>
<b>Operating Agency</b>	<b>Monthly</b>	<b>Less than 100% Review</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>	<b>Representative Sample</b> Confidence Interval = <input type="text"/>
<b>Other</b> Specify: <input type="text" value="Contracted Entity"/>	<b>Annually</b>	<b>Stratified</b> Describe Group: <input type="text"/>
	<b>Continuously and Ongoing</b>	<b>Other</b> Specify:

		<input type="text"/>
	<p><b>Other</b> Specify:</p> <input type="text"/>	

**Data Aggregation and Analysis:**

<b>Responsible Party for data aggregation and analysis (check each that applies):</b>	<b>Frequency of data aggregation and analysis(check each that applies):</b>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<p><b>Other</b> Specify:</p> <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<p><b>Other</b> Specify:</p> <input type="text"/>

- b. Sub-assurance: The state provides evidence that rates remain consistent with the approved rate methodology throughout the five year waiver cycle.**

**Performance Measures**

*For each performance measure the State will use to assess compliance with the statutory assurance (or sub-assurance), complete the following. Where possible, include numerator/denominator.*

*For each performance measure, provide information on the aggregated data that will enable the State to analyze and assess progress toward the performance measure. In this section provide information on the method by which each source of data is analyzed statistically/deductively or inductively, how themes are identified or conclusions drawn, and how recommendations are formulated, where appropriate.*

**Performance Measure:**

**FA-b1: Number and percent of capitation payments to the MCOs that are made in**

accordance with the CMS approved actuarially sound rate methodology. Numerator: # of capitation payments to the MCOs that are made in accordance with the CMS approved actuarially sound rate methodology; Denominator: # of capitation payments to the MCO's.

Data Source (Select one):

**Financial records (including expenditures)**

If 'Other' is selected, specify:

The Data Warehouse Unit query pulls paid claims data for all seven of the HCBS waivers.

Responsible Party for data collection/generation <i>(check each that applies):</i>	Frequency of data collection/generation <i>(check each that applies):</i>	Sampling Approach <i>(check each that applies):</i>
State Medicaid Agency	Weekly	100% Review
Operating Agency	Monthly	Less than 100% Review
Sub-State Entity	Quarterly	Representative Sample Confidence Interval = <input type="text"/>
Other Specify:  <input type="text" value="Contracted Entity and MCOs"/>	Annually	Stratified Describe Group:  <input type="text"/>
	Continuously and Ongoing	Other Specify:  <input type="text"/>
	Other Specify:  <input type="text"/>	

Data Aggregation and Analysis:

Responsible Party for data aggregation and analysis (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
State Medicaid Agency	Weekly
Operating Agency	Monthly
Sub-State Entity	Quarterly
Other Specify: <input type="text"/>	Annually
	Continuously and Ongoing
	Other Specify: <input type="text"/>

ii. If applicable, in the textbox below provide any necessary additional information on the strategies employed by the State to discover/identify problems/issues within the waiver program, including frequency and parties responsible.

The Program Integrity unit samples provider claims each quarter for quality. These claims are cross-walked with service documentation to determine the percentage of error associated with coding and documentation. This data is reported on a quarterly basis.

MCO claims data is compared to the contractual obligations for MCO timeliness of clean claim payments. Data is provided to the HCBS staff as well as to the Bureau of Managed Care.

MCO contractual definition of a clean claim: A claim that has no defect or impropriety (including any lack of required substantiating documentation) or particular circumstance requiring special treatment that prevents timely payment of the claim. It does not include a claim from a provider who is under investigation for fraud or abuse or a claim under review for medical necessity

**b. Methods for Remediation/Fixing Individual Problems**

i. Describe the States method for addressing individual problems as they are discovered. Include information regarding responsible parties and GENERAL methods for problem correction. In addition, provide information on the methods used by the state to document these items.

When the Program Integrity unit discovers situations where providers are missing documentation to support billing or coded incorrectly, monies are recouped and technical assistance is given to prevent future occurrence. When the lack of supporting documentation and incorrect coding appears to be pervasive, the Program Integrity Unit may review additional claims, suspend the provider payments; require screening of all claims, referral to MFCU, or provider suspension.

ii. Remediation Data Aggregation  
**Remediation-related Data Aggregation and Analysis (including trend identification)**

Responsible Party <i>(check each that applies):</i>	Frequency of data aggregation and analysis <i>(check each that applies):</i>
State Medicaid Agency	Weekly
Operating Agency	Monthly
Sub-State Entity	Quarterly
<b>Other</b> Specify: <input type="text"/>	<b>Annually</b>
	<b>Continuously and Ongoing</b>
	<b>Other</b> Specify: <input type="text"/>

**c. Timelines**

When the State does not have all elements of the Quality Improvement Strategy in place, provide timelines to design methods for discovery and remediation related to the assurance of Financial Accountability that are currently non-operational.

**No**

**Yes**

Please provide a detailed strategy for assuring Financial Accountability, the specific timeline for implementing identified strategies, and the parties responsible for its operation.

**Appendix H: Quality Improvement Strategy (1 of 3)**

Under §1915(c) of the Social Security Act and 42 CFR §441.302, the approval of an HCBS waiver requires that CMS determine that the state has made satisfactory assurances concerning the protection of participant health and welfare, financial accountability and other elements of waiver operations. Renewal of an existing waiver is contingent upon review by CMS and a finding by CMS that the assurances have been met. By completing the HCBS waiver application, the state specifies how it has designed the waiver’s critical processes, structures and operational features in order to meet these assurances.

- Quality Improvement is a critical operational feature that an organization employs to continually determine whether it operates in accordance with the approved design of its program, meets statutory and regulatory assurances and requirements, achieves desired outcomes, and identifies opportunities for improvement.

CMS recognizes that a state’s waiver Quality Improvement Strategy may vary depending on the nature of the waiver target population, the services offered, and the waiver’s relationship to other public programs, and will extend beyond regulatory requirements. However, for the purpose of this application, the state is expected to have, at the minimum, systems in place to measure and improve its own performance in meeting six specific waiver assurances and requirements.

It may be more efficient and effective for a Quality Improvement Strategy to span multiple waivers and other long-term care services. CMS recognizes the value of this approach and will ask the state to identify other waiver programs and long-term care services that are addressed in the Quality Improvement Strategy.



### Quality Improvement Strategy: Minimum Components

The Quality Improvement Strategy that will be in effect during the period of the approved waiver is described throughout the waiver in the appendices corresponding to the statutory assurances and sub-assurances. Other documents cited must be available to CMS upon request through the Medicaid agency or the operating agency (if appropriate).

In the QIS discovery and remediation sections throughout the application (located in Appendices A, B, C, D, G, and I), a state spells out:

- The evidence based discovery activities that will be conducted for each of the six major waiver assurances; and
- The *remediation* activities followed to correct individual problems identified in the implementation of each of the assurances.

In Appendix H of the application, a state describes (1) the *system improvement* activities followed in response to aggregated, analyzed discovery and remediation information collected on each of the assurances; (2) the correspondent *roles/responsibilities* of those conducting assessing and prioritizing improving system corrections and improvements; and (3) the processes the state will follow to continuously *assess the effectiveness of the OIS* and revise it as necessary and appropriate.

If the state's Quality Improvement Strategy is not fully developed at the time the waiver application is submitted, the state may provide a work plan to fully develop its Quality Improvement Strategy, including the specific tasks the state plans to undertake during the period the waiver is in effect, the major milestones associated with these tasks, and the entity (or entities) responsible for the completion of these tasks.

When the Quality Improvement Strategy spans more than one waiver and/or other types of long-term care services under the Medicaid state plan, specify the control numbers for the other waiver programs and/or identify the other long-term services that are addressed in the Quality Improvement Strategy. In instances when the QIS spans more than one waiver, the state must be able to stratify information that is related to each approved waiver program. Unless the state has requested and received approval from CMS for the consolidation of multiple waivers for the purpose of reporting, then the state must stratify information that is related to each approved waiver program, i.e., employ a representative sample for each waiver.

## Appendix H: Quality Improvement Strategy (2 of 3)

---

### H-1: Systems Improvement

#### a. System Improvements

- i. Describe the process(es) for trending, prioritizing, and implementing system improvements (i.e., design changes) prompted as a result of an analysis of discovery and remediation information.

Iowa Medicaid is the single state agency that retains administrative authority of Iowa's HCBS Waivers. Iowa remains highly committed to continually improve the quality of services for all waiver programs. Iowa Medicaid discovered over the course of submitting previous 1915(c) waiver evidence packages that previously developed performance measures were not adequately capturing the activities of the Iowa Medicaid. For this reason, state staff developed new performance measures to better capture the quality processes that are already occurring or being developed.

The QIS developed by Iowa consolidates and stratifies performance data across all seven 1915(c) waivers. The HCBS waiver population will be identified based waiver enrollment at a single point in time. A 95% confidence level with a 5% error rate for the total waiver population is calculated. In an effort to ensure each waiver is represented within the sample identified for the reporting year, the specific waiver enrollment will be divided by the total waiver population to identify the percentage the specific waiver contributes to the overall waiver population during that reporting year. The significant sample will be multiplied by the percentage identified for each waiver to identify the number of surveys/reviews that need to be completed for each waiver. This process is completed for each waiver to ensure that the 95% confidence level is met and that each waiver is appropriately sampled. A common capture date will be used to count enrollment for all waivers.

Iowa will begin consolidated performance data collection April 1, 2020. The first consolidated evidence reports will be for the Physical Disability and Health and Disability Waivers reports due to CMS in January 2021.

IA.0213 - AIDS/HIV Waiver (.05%)  
 IA.0242 - ID Waiver (47%)  
 IA.0299 - BI Waiver (6%)  
 IA.0345 - PD Waiver (4%)  
 IA.0819 - CMH Waiver (4%)  
 IA.4111 - HD Waiver (9%)  
 IA.4155 - Elderly Waiver (30%)

Based on contract oversight and performance measure implementation, Iowa Medicaid holds weekly policy staff and long term care coordination meetings to discuss areas of noted concern for assessment and prioritization. This can include discussion of remediation activities at an individual level, programmatic changes, and operational changes that may need to be initiated and assigned to State or contract staff. Contracts are monitored and improvements are made through other inter-unit meetings designed to promote programmatic and operational transparency while engaging in continued collaboration and improvement. Further, a quality assurance committee meets monthly to discuss focus areas, ensuring that timely remediation and contract performance is occurring at a satisfactory level. IoWANS will only be utilized for fee-for-service participants.

All contracted MCOs are accountable for improving quality outcomes and developing a Quality Management/Quality Improvement (QM/QI) program that incorporates ongoing review of all major service delivery areas. The QM/QI program must have objectives that are measurable, realistic and supported by consensus among the MCOs' medical and quality improvement staff. Through the QM/QI program, the MCOs must have ongoing comprehensive quality assessment and performance improvement activities aimed at improving the delivery of healthcare services to members. As a key component of its QM/QI program, the MCOs must develop incentive programs for both providers and members, with the ultimate goal of improving member health outcomes. Finally, MCOs must meet the requirements of 42 CFR 438 Subpart E and the standards of the credentialing body by which the MCO is credentialed in development of its QM/QI program. The State retains final authority to approve the MCOs' QM/QI program. The State has developed a draft-reporting manual for the MCOs to utilize for many of the managed care contract reporting requirements. The managed care contract also allows for the State to request additional regular and ad hoc reports.

Iowa has acknowledged that improvements are necessary to capture data at a more refined level, specifically individual remediation. While each contracting unit utilizes their own electronic tracking system or OnBase (workflow management), further improvements must be made to ensure that there are not preventable gaps collecting individual remediation. The State acknowledges that this is an important component of the system; however the terrain where intent meets the state budget can be difficult to manage.

Iowa Medicaid supports infrastructure development that ensures choice is provided to all Medicaid members

seeking services and that these services are allocated at the most appropriate level possible. This will increase efficiency as less time is spent on service/funding allocation and more time is spent on care coordination and improvement. A comprehensive system of information and referrals ensures that all individuals are allowed fully informed choices prior to facility placement.

The Medicaid Quality Utilization and Improvement Data System (MQUIDS) is a data entry and retrieval application designed to facilitate the Medical Services contractor’s job functions including level of care determinations, medical service prior authorizations, documentation review and the retention of other pertinent member data . The content is guided by the business and policy requirements of medical review. The medical services reviews frequently involve the documentation of health information on individual members that must be protected

A comprehensive system of information and referrals shall also be developed such that all individuals are allowed fully informed choices prior to facility placement. Many program integrity and ACA initiatives will assist in system improvements. These include improvements to provider screening at enrollment, tighter sanction rules, and more emphasis on sustaining quality practices.

**ii. System Improvement Activities**

<b>Responsible Party</b> <i>(check each that applies):</i>	<b>Frequency of Monitoring and Analysis</b> <i>(check each that applies):</i>
<b>State Medicaid Agency</b>	<b>Weekly</b>
<b>Operating Agency</b>	<b>Monthly</b>
<b>Sub-State Entity</b>	<b>Quarterly</b>
<b>Quality Improvement Committee</b>	<b>Annually</b>
<b>Other</b> Specify:  <div style="border: 1px solid black; padding: 2px; width: fit-content;">Contracted Entities (including MCOs)</div>	<b>Other</b> Specify:  <div style="border: 1px solid black; height: 20px; width: 100%;"></div>

**b. System Design Changes**

- i. Describe the process for monitoring and analyzing the effectiveness of system design changes. Include a description of the various roles and responsibilities involved in the processes for monitoring & assessing system design changes. If applicable, include the state's targeted standards for systems improvement.

Iowa Medicaid has hired a Quality Assurance Manager to oversee the data compilation and remediation activities associated with the revised performance measures. The QA Manager and State policy staff address oversight of design changes and the subsequent monitoring and analysis during the weekly policy and monthly quality assurance meetings. Prior to dramatic system design changes, the State will seek the input of stakeholders and test/pilot changes that are suggested and developed. Informational letters are sent out to all relevant parties prior to implementation with contact information of key staff involved. This workflow is documented in logs and in informational letters found within the HHS computer server for future reference. Stakeholder involvement and informational letters are requested or sent out on a weekly/monthly/ongoing basis as policy engages in the continuous quality improvement cycle.

Unit managers, policy staff and the QA committee continue to meet on a regular basis (weekly or monthly) to monitor performance and work plan activities. Iowa Medicaid Management and QA committees include representatives from the contracted units within Iowa Medicaid as well as State staff. These meetings serve to present and analyze data to determine patterns, trends, concerns, and issues in service delivery of Medicaid services, including by not limited to waiver services. Based on these analyses, recommendations for changes in policy are made to the Iowa Medicaid policy staff and bureau chiefs. This information is also used to provide training, technical assistance, corrective action, and other activities. The unit managers and committees monitor training and technical assistance activities to assure consistent implementation statewide. Meeting minutes/work plans track data analysis, recommendations, and prioritizations to map the continuous evaluation and improvement of the system. Iowa Medicaid analyzes general system performance through the management of contract performance benchmarks, IoWANS reports, and Medicaid Value Management reports and then works with contractors, providers and other agencies regarding specific issues. The QA committee directs workgroups on specific activities of quality improvement and other workgroups are activated as needed.

In addition to developing QM/QI programs that include regular, ongoing assessment of services provided to Medicaid beneficiaries, MCOs must maintain a QM/QI Committee that includes medical, behavioral health, and long-term care staff, and network providers. This committee is responsible for analyzing and evaluating the result of QM/QI activities, recommending policy decisions, ensuring that providers are involved in the QM/QI program, instituting needed action, and ensuring appropriate follow-up. This committee is also responsible for reviewing and approving the MCOs' QM/QI program description, annual evaluation, and associated work plan prior to submission to HHS.

- ii. Describe the process to periodically evaluate, as appropriate, the Quality Improvement Strategy.

Iowa Medicaid reviews the overall QIS no less than annually. Strategies are continually adapted to establish and sustain better performance through improvements in skills, processes, and products. Evaluating and sustaining progress toward system goals is an ongoing, creative process that has to involve all stakeholders in the system. Improvement requires structures, processes, and a culture that encourage input from members at all levels within the system, sophisticated and thoughtful use of data, open discussions among people with a variety of perspectives, reasonable risk-taking, and a commitment to continuous learning. The QIS is often revisited more often due to the dynamic nature of Medicaid policies and regulations, as well as the changing climate of the member and provider communities.

In accordance with 42 CFR 438 Subpart E, the State will maintain a written strategy for assessing and improving the quality of services offered by MCOs including, but not limited to, an external independent review of the quality of, timeliness of, and access to services provided to Medicaid beneficiaries. MCOs must comply with the standards established by the State and must provide all information and reporting necessary for the State to carry out its obligations for the State quality strategy. MCOs are contractually required to ensure that the results of each external independent review are available to participating health care providers, members, and potential members of the organization, except that the results may not be made available in a manner that discloses the identity of any individual patient. Further, MCOs must establish stakeholder advisory boards that advise and provide input into: (a) service delivery; (b) quality of care; (c) member rights and responsibilities; (d) resolution of grievances and appeals; (e) operational issues; (f) program monitoring and evaluation; (g) member and provider education; and (h) priority issues identified by members. In accordance with 42 CFR 438 Subpart E, the State will regularly monitor and evaluate the MCOs' compliance with the standards established in the State's quality strategy and the MCOs' QM/QI program. The State is in the process of developing specific processes and timelines to report results to agencies, waiver providers, participants, families, other interested parties and the public. This will include strategies such as leveraging the Medical Assistance Advisory Council (MAAC).

The HCBS Quality Assurance Unit (QAU) completes review of HCBS enrolled providers on a three-five year cycle. During the onsite review HCBS ensures personnel are trained in:

- Abuse reporting
- Incident reporting
- Have current mandatory reporter training
- Individual member support needs
- Rights restrictions
- Provision of member medication

In addition HCBS QAU reviews the centralized incident report file, appeals and grievances, and any allegations of abuse. During the review of service documentation any incident identified in narrative which falls under the Incident description in 77.25(3), is required to have an incident report filed. The agencies tracking and trending of incident reports is also reviewed during the onsite review. Any areas the agency may be out of compliance in results in the requirement of a corrective action plan. HCBS gives the provider 30 days to submit a time limited corrective action plan which will remediate the deficiency. 45 days after the corrective action plan has been accepted HCBS follows up and requires the agency to submit evidence that the corrective action plan was put into place.

## Appendix H: Quality Improvement Strategy (3 of 3)

### H-2: Use of a Patient Experience of Care/Quality of Life Survey

a. Specify whether the state has deployed a patient experience of care or quality of life survey for its HCBS population in the last 12 months (*Select one*):

No

Yes (*Complete item H.2b*)

b. Specify the type of survey tool the state uses:

HCBS CAHPS Survey :

NCI Survey :

**NCI AD Survey :**

**Other** *(Please provide a description of the survey tool used):*

*The state of Iowa uses the Participant Experience Survey (PES). The PES is an interview tool developed by MEDSTAT under a contract from CMS. Iowa has added a few Iowa specific questions around employment to the PES*