

Appendix A: Waiver Administration and Operation

Quality Improvement: Administrative Authority of the Single State Medicaid Agency

As a distinct component of the State's quality improvement strategy, provide information in the following fields to detail the State's 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-1: Number and percent of AAAs that meet waiver obligations regarding initial level of care determinations
Numerator: Total number of AAAs who meet waiver obligations regarding initial level of care determination
Denominator: Total number of AAAs reviewed

Data Source (Select one):

Operating agency performance monitoring

If 'Other' is selected, specify:

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

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

Data Source (Select one):
Record reviews, on-site
If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + - 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly

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

Performance Measure:

AA-2: Number and percent of Service Coordination agencies that meet waiver obligations regarding ongoing level of care determinations
Numerator: Total number of SCEs reviewed who met waiver obligation regarding ongoing level of care determination
Denominator: Total number of SCEs reviewed

Data Source (Select one):

Record reviews, on-site

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach(check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + - 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input checked="" type="checkbox"/> Other Specify: Bi-annual onsite visit by a QMET

Performance Measure:

AA-3: Number and percent of contractual obligations met by the Independent Enrollment Broker Numerator: Total number of contractual obligations met by the IEB Denominator: Total number of contractual obligations

Data Source (Select one):

Reports to State Medicaid Agency on delegated Administrative functions

If 'Other' is selected, specify:

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

Data Source (Select one):

On-site observations, interviews, monitoring

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + -5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other Specify: Monitoring visit every two years	

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

AA-5: Number and percent of contractual obligations met by the FEA Numerator: Number of contractual obligations met by the FEA Denominator: Total number of contractual obligations of the FEA

Data Source (Select one):

Reports to State Medicaid Agency on delegated Administrative functions

If 'Other' is selected, specify:

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

Data Source (Select one):

On-site observations, interviews, monitoring

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach(check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% +/- 5%
<input type="checkbox"/> Other	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified

Specify: <input type="text"/>		Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other Specify: Bi-Annual QMET monitoring team review	

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

AA-6: Number and percent of contractual obligations met by the FEA regarding the execution of Medicaid provider agreements
Numerator: Number of contractual obligations met by the FEA regarding the execution of Medicaid provider agreements
Denominator: Total number of contractual obligations of the FEA regarding the execution of Medicaid provider agreements

Data Source (Select one):

Reports to State Medicaid Agency on delegated Administrative functions

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input checked="" type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	

		<input type="checkbox"/> Representative Sample Confidence Interval = <input type="text"/>
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

AA-7: Number and Percent participant distribution by # of participants and % by region within the income limits applicable to the waiver
Numerator: Participants in the waiver within the income limits applicable to the waiver
Denominator: Total regional population within the income limits applicable to the waiver

Data Source (Select one):

Operating agency performance monitoring

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):

<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input checked="" type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input type="checkbox"/> Representative Sample Confidence Interval = <input type="text"/>
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

AA-8: Number and percent of providers that comply with HCBS setting requirements

Numerator: Number of providers that comply with HCBS setting requirements

Denominator: Total number of providers

Data Source (Select one):

Reports to State Medicaid Agency on delegated Administrative functions

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input checked="" type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input type="checkbox"/> Representative Sample Confidence Interval = <input type="text"/>
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> 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 Bureau of Quality and Provider Management (BQPM) reviews AAAs regarding the initial Level of Care, annual reevaluation of Level of Care, F/EA and enrollment functions. The BQPM uses standard monitoring tools which outline the provider requirements as listed in the waiver and the Fiscal/Employer Agent (F/EA) contract, including LOC determination, F/EA, and enrollment functions. The BQPM verifies that the LOC determination, F/EA, and enrollment requirements continue to be met during the reviews. During the AAA review, random samples of consumer records are reviewed to ensure compliance with waiver LOC determination standards. Each AAA will be reviewed every two years, at minimum.

The Independent Enrollment Broker (IEB) supplies data monthly on their contractual obligations to the designated Bureau of Participant Operations (BPO) contract monitor. The contract monitor ensures compliance on 100% of contractual obligations.

The Fiscal/Employer Agent (F/EA) supplies data monthly on their contractual obligations to the designated Bureau of Participant Operations (BPO) contract monitor. The contract monitor ensures compliance on 100% of contractual obligations

The review for HCBS settings will not be 100% , the State will follow the sampling methods and timelines as outlined in the waiver specific transition plan.

b. Methods for Remediation/Fixing Individual Problems

- i. Describe the State’s 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 administrative data and monitoring reviews identify AAAs are noncompliant with requirements related to Level of Care determinations and/or enrollment functions as outlined in the waiver or grant agreements, the agency receives written notification of noncompliance with a request for a Corrective Action Plan (CAP). The CAP is due to the BQPM within 15 working days upon receipt. BQPM staff reviews and accepts/rejects the CAP within 30 working days. Follow up by the BQPM occurs to ensure the CAP was completed and successful in resolving the issue in accordance with the timeframes established for corrective action in the CAP. If the CAP was not successful in correcting the identified issue, technical assistance is provided by the Bureau of Quality and Provider Management (BQPM) and the Bureau of Participant Operations (BPO). This same process is applied to both the F/EA when non-compliance is found with contractual obligations regarding the execution of Medicaid provider agreements.

Through a combination of reports from the enrollment broker and administrative data, the Contract Monitor for the Independent Enrollment Broker (IEB) determines if the contractual obligations are being met. If they are not met, BPO notifies the IEB agency of the specific deficiencies, requests a corrective action plan and follows-up on the plan to ensure compliance.

Through a combination of reports from the F/EA and administrative data, the Contract Monitor for the Fiscal/Employer Agent determines if the contractual obligations are being met. If they are not met, BPO notifies the F/EA of the specific deficiencies, requests a corrective action plan and follows-up on the plan to ensure compliance.

- 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>
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify:	<input type="checkbox"/> Annually

Responsible Party(<i>check each that applies</i>):	Frequency of data aggregation and analysis(<i>check each that applies</i>):
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/> Continuously and Ongoing
<input type="checkbox"/>	<input type="checkbox"/> 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 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 State's quality improvement strategy, provide information in the following fields to detail the State's 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:

LOC-1: Number and percent of all new enrollees who have an initial level of care determination that adhered to timeliness and specification prior to receipt of waiver services
Numerator: Total number of initial LOC determinations that adhered to timeliness and specification prior to receipt of waiver services
Denominator: Total number of all new enrollees

Data Source (Select one):
Operating agency performance monitoring
 If 'Other' is selected, specify:

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

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify:

Responsible Party for data aggregation and analysis (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
	<input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Annually <input type="checkbox"/> Other

- 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:

LOC-2: Number and percent of annual LOC reevaluations that adhered to timeliness and specifications
Numerator: Number of annual LOC reevaluations that adhered to timeliness and specifications
Denominator: Total number of waiver participants reviewed

Data Source (Select one):

Record reviews, off-site

If 'Other' is selected, specify:

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

		Confidence Interval = 95% +/- 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> 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 Level of Care Sub-assurances are monitored through representative data sampling of specific information that forms the numerator, denominator and parameters for the performance measure as defined by the Department. The Bureau of Quality & Provider Management is responsible for review and analysis of the report information. Reports are received from case management systems and from a compilation of the results of retrospective service plan reviews. The LOC Assurance Liaison, within OLTL's BQPM, regularly reviews reports on a semi-annual basis regarding the completion of initial level of care prior to the receipt of waiver services. Quarterly reports are reviewed for compliance with waiver standards with processes and instruments for initial LOC. Monthly reports from the Service Plan retrospective review database are

reviewed by the LOC Liaison regarding the timeliness of LOC reevaluations. See Appendix D for more information about retrospective service plan reviews and Appendix H for more information about Assurance Liaisons.

Additional information on the Bureau of Quality & Provider Management (BQPM) can be found in Appendix H.

b. Methods for Remediation/Fixing Individual Problems

i. Describe the State’s 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 BQPM’s review of LOC data in the case management or Retrospective Service Plan Review tracking systems identifies non-compliance regarding the timeliness or specifications of initial or annual LOC reassessments, a Quality Improvement Plan (QIP) is requested from BPO. More information on QIPs can be found in Appendix H.

ii. Remediation Data Aggregation

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

Responsible Party (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> 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 State’s quality improvement strategy, provide information in the following fields to detail the State’s 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-1: Number and Percent of newly enrolled waiver providers who meet required licensure, regulatory, and applicable waiver standards prior to service provision
Numerator: Number of newly enrolled providers who meet required licensure and initial QP standards prior to service provision
Denominator: Number prior to service provision

Data Source (Select one):

Record reviews, off-site

If 'Other' is selected, specify:

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

	<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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div>

Performance Measure:

QP-2: Number and percent of providers continuing to meet applicable licensure/certification, regulatory and applicable waiver standards following initial enrollment
Numerator: Number of providers who continue to meet required licensure and initial QP standards
Denominator: Number of providers reviewed

Data Source (Select one):

Record reviews, on-site

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + - 5%
<input type="checkbox"/> Other Specify: <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div>

	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other 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-5: Number and percent of newly enrolled non-licensed/non-certified waiver providers who meet regulatory and applicable waiver standards prior to service provision
Numerator: Number of newly enrolled providers who meet required licensure and initial QP standards prior to service provision
Denominator: Number of newly enrolled provider applications

Data Source (Select one):

Record reviews, off-site

If 'Other' is selected, specify:

<input type="text"/>

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

Performance Measure:

QP-6: Number and percent of non-licensed/non-certified providers who continue to meet waiver provider qualifications
Numerator: Number of non-licensed/non-certified providers who continue to meet required licensure and initial QP standards
Denominator: Number of non-licensed/non-certified providers reviewed

Data Source (Select one):

Record reviews, on-site

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + - 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually

Responsible Party for data aggregation and analysis (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <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-7: Number and percent of providers meeting provider training requirements

Numerator: Number of providers who meet training requirements Denominator: Total number of providers reviewed

Data Source (Select one):

Training verification records

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + - 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>

	<input type="checkbox"/> Other Specify: <input style="width: 100%; height: 20px;" type="text"/>
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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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input style="width: 100%; height: 20px;" type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input style="width: 100%; height: 20px;" 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 Quality Management Efficiency Teams (QMETs) are OLTL’s regional provider monitoring agents. The QMETs monitor providers of direct services as well as agencies having delegated functions. Each regional QMET is comprised of a Program Specialist (regional team lead), Registered Nurses, Social Workers, and Fiscal Representatives. Five teams are dispersed throughout the state of Pennsylvania, and report directly to the OLTL QMET State Coordinator.

The Quality Management Efficiency Teams (QMETs) monitor the HCBS Waiver providers on a biennial basis. The QMET utilizes a standardized monitoring tool for each monitoring, and monitors providers against standards derived from Title 55, Chapter 52 of the Pennsylvania Code and the provider requirements of the established, approved waivers. QMET also reviews if the provider has the appropriate licensure as required by the waiver. QMET reviews each provider at a 95% accuracy rating for each waiver in which the provider is enrolled.

b. Methods for Remediation/Fixing Individual Problems

- i. Describe the State’s 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.

Subassurance a.i.a - Before a provider is enrolled as a qualified waiver provider, it must provide written documentation to the State Medicaid Agency (OLTL) of all state licensing and certification requirements. Additionally, a licensed or certified provider is required to submit written documentation that it meets regulatory and initial qualified waiver requirements that are not part of its licensure or certification. When OLTL discovers an applicant provider does not meet licensure or certification requirements, the provider is not enrolled to provide services until the appropriate license or certification is obtained. When it is discovered that an existing provider is enrolled as a waiver provider, but has not obtained appropriate

certification or licensure, OLTL issues a Statement of Findings as required by 55 Pa. Code Chapter 52. The provider is required to respond to the findings with a Corrective Action Plan (CAP) to remediate each finding. If a provider fails to submit a CAP which remediates the lack of licensure or certification requirement, OLTL begins disenrollment proceedings. The provider has the right to appeal.

Subassurance a.i.b- Upon application, OLTL reviews verification submitted by providers who are not required to receive a license or certification in order to provide services. OLTL verifies each provider meets the established regulations and criteria to be a qualified waiver provider. If a provider does not meet one or more of the waiver qualifications, OLTL notifies the provider of the unmet qualifications and provide information on available resources the provider can access to improve or develop internal systems to meet required provider qualifications. If a provider is unable to meet qualifications, the application to provide waiver services is denied. The provider may reapply with OLTL if verification is obtained.

Within two years of becoming a waiver provider (and every two years thereafter), OLTL conducts a provider monitoring of each waiver provider to ascertain whether they continue to meet the regulatory requirements and provider qualifications, including training, outlined in this waiver. The Quality Management Efficiency Teams (QMETs) are the monitoring agent for OLTL. The QMET monitoring tool and database outlines each qualification a provider must meet. The qualifications are categorized according to provider type. Provider type is defined as the service(s) the provider offers to waiver participants as outlined in the service definition. The QMET monitoring tool and database collects the information discovered by the QMETs during reviews for data analysis and aggregation purposes. Through this process, if a QMET discovers a provider does not meet one or more of the qualifications, the provider develops a Corrective Action Plan (CAP). The provider needs to demonstrate through the CAP that it can meet the regulations and waiver provider qualifications and develop a process on how to continue compliance in the future. The provider has 15 business days to submit a completed CAP to the appropriate regional QMET, and OLTL reviews and approves (or disapproves) the CAP within 30 business days of submission.

The QMET verifies the approved CAP action steps are in place according to the timeframe as written the CAP. If the CAP is insufficient, OLTL works with the provider to develop an appropriate CAP. If the provider is unable or unwilling to develop a CAP which addresses and remediates each of the findings, OLTL takes action against the provider up to and including disenrollment. The provider has the right to appeal.

Subassurance a.i.c- The QMET monitoring tool ascertains if the provider has completed training in accordance with regulations and waiver requirements. OLTL directly supervises QMET activities through the QMET statewide coordinator to ensure that providers fulfill training requirements in accordance with state and waiver requirements. If a provider has not met training requirements, the provider is required to submit a CAP. The provider has 15 business days to submit a completed CAP to the appropriate regional QMET, and OLTL reviews and approves the CAP within 30 business days of submission. The QMET verifies the CAP action steps are in place according to the timeframe as written in the CAP. If the CAP is insufficient, OLTL works with the provider to develop an appropriate CAP. If the CAP is insufficient, OLTL works with the provider to develop an appropriate CAP. If the provider is unable or unwilling to develop a CAP which addresses and remediates each of the findings, OLTL takes action against the provider up to and including disenrollment. The provider has the right to appeal.

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>
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<input checked="" type="checkbox"/> Annually

Responsible Party(<i>check each that applies</i>):	Frequency of data aggregation and analysis (<i>check each that applies</i>):
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <div style="border: 1px solid black; height: 20px; 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 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 State's quality improvement strategy, provide information in the following fields to detail the State's 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-1: Number and percent of waiver participants with Individual Service Plans (ISPs) adequate and appropriate to their needs, capabilities, and desired outcomes, as indicated in the assessment
Numerator: Number of waiver participants with adequate and appropriate Individual Service Plans (ISPs)
Denominator: Total number of service plans reviewed

Data Source (Select one):

Operating agency performance monitoring

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% +/- 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other Specify: Retrospective service plan review database	

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

SP-2: Number and percent of waiver participant satisfaction survey respondents who reported unmet needs
Numerator: Number of waiver participants who reported unmet needs
Denominator: Total number of participants responding to the survey

Data Source (Select one):

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

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + - 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other Specify: Two times per year	

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing

Responsible Party for data aggregation and analysis (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
	<input checked="" type="checkbox"/> Other Specify: Two times per year

- 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 participant's 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-3: Number and percent of Individual Service Plans (ISPs) reviewed and revised before the waiver participant's annual review date
 Numerator: Number of Individual Service Plans (ISPs) reviewed and revised before the waiver participant's annual review date
 Denominator: Total number of service plans reviewed

Data Source (Select one):

Operating agency performance monitoring

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review

<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% +/- 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other Specify: Retrospective service plan review	

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other 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-4: Number and percent of participants who are receiving services in the type, scope, amount, frequency, and duration specified in the service plan
Numerator: Number of waiver participants who are receiving services specified in the Individual Service Plan (ISP)
Denominator: Total number of service plans reviewed

Data Source (Select one):

Operating agency performance monitoring

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95%+/- 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other Specify: retrospective service plan reviews	

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Annually

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

Performance Measure:

SP-5: Number and percent of waiver providers who delivered services in the type, scope, amount, frequency, and duration specified in the Individual Service Plan (ISP)
Numerator: Number of waiver providers who delivered services in the type, scope, amount, frequency, and duration specified in the Individual Plan
Denominator: Total number of providers reviewed

Data Source (Select one):

Record reviews, on-site

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% +/- 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other Specify: Bi-annual QMET review	

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

SP-6: Number and percent of waiver participant satisfaction survey respondents reporting the receipt of all services in Individual Service Plan (ISP) Numerator:
Total number of participants reporting receipt of all services in ISP
Denominator: Total number of participants responding to the survey

Data Source (Select one):

Analyzed collected data (including surveys, focus group, interviews, etc)
 If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% +/-5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other	

	Specify: Two times per year	
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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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input style="width: 100%; height: 20px;" type="text"/>	<input type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input checked="" type="checkbox"/> Other Specify: Two times per year

Performance Measure:

SP-7: Number and percent of complaints received regarding non-receipt of services
Numerator: Number of complaints received regarding non-receipt of services
Denominator: Total number of complaints

Data Source (Select one):

Critical events and incident reports

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input checked="" type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input type="checkbox"/> Representative Sample Confidence Interval = <input style="width: 100%; height: 20px;" type="text"/>
<input type="checkbox"/> Other Specify: <input style="width: 100%; height: 20px;" type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input style="width: 100%; height: 20px;" type="text"/>
		<input type="checkbox"/> Other

	<input type="checkbox"/> Continuously and Ongoing	Specify: <input type="text"/>
	<input checked="" type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

- e. *Sub-assurance: Participants are afforded choice: Between waiver services and institutional care; and 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-8: Number and percent of waiver participants whose records documented an opportunity was provided for choice of waiver services and providers
Numerator: Number of waiver participants with documented evidence of opportunities of choice
Denominator: Total number of service plan reviewed

Data Source (Select one):

Operating agency performance monitoring

If 'Other' is selected, specify:

<input type="text"/>

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% +/- 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other Specify: retrospective service plan review	

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> 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.

At the Service Coordination Agency, the SC supervisor reviews the ISP for completeness and appropriateness prior to submitting the ISP to OLTL's Bureau of Participant Operations (BPO) for approval. The supervisor is the first step in the monitoring process.

Staff from the Bureau of Participant Operations (BPO) reviews 100% of new ISPs and 100% of ISPs that have a 10% change in services using the guidelines specified in the OLTL Service Plan Review Protocol (prospective review). A representative sample of ISPs is retrospectively reviewed by the Bureau of Quality and Provider Management (BQPM). These reviews are collected in the Retrospective Service Plan Review Database and the data is aggregated monthly, quarterly and yearly for tracking and trending by BQPM. Compliance for twenty nine different SP factors are reviewed and documented in the SP Retrospective Review database. Some Performance Measures (PMs) use multiple factors to determine overall compliance for the PM. Using CMS sampling parameters, BQPM tracks the sample size to ensure a statistically valid sample has been reviewed. Data regarding Services My Way (SMW) participants is stratified from the total waiver population data for tracking and trending of service plan issues for SMW participants

Data is pulled from the OLTL's Enterprise Incident Management (EIM) database regarding complaints received about service plans. BQPM reviews a 100% sample of the service plan complaints on a monthly basis to track and trend service plan issues for potential system improvement.

BQPM reviews data from the OLTL participant satisfaction surveys for question # 12, pertaining to participant receipt of services in their ISP, and question # 13 pertaining to unmet needs. One hundred percent of returned surveys responses are monitored and aggregated three times a year.

b. Methods for Remediation/Fixing Individual Problems

- i. Describe the State's 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 ISPs are reviewed for compliance and non-compliance is noted, BQPM issues a Quality Improvement Plan (QIP) to the BPO to address the non-compliance. The BPO submits a plan to correct the non-compliance to BQPM within the prescribed timeframes. As part of the QIP, BPO may contact the SC agency to remediate and follow-up on the issue. The BPO may also provide technical assistance to aid in that remediation.

Complaints regarding non-receipt of service are addressed in EIM processing, and if classified as Urgent, have a timeframe of one day for investigation initiation. See Appendix F for more information on complaint processing.

ISPs are reviewed for compliance, and any individual issues are addressed as soon as they are discovered. If issues are identified during the review, immediate remediation is undertaken. The specific problem (individual) is addressed right away through contact with the SC agency. This action will include steps needed to ensure that the individual's ISP is correctly developed, and may also include technical assistance to the provider to both address the individual issue and to prevent future issues. Immediate attention, as warranted by the circumstances, is undertaken (and overseen by OLTL through BPO in collaboration with BQPM) to ensure that individual health and welfare is assured. For all other discovered issues, the CAP process is used.

Please see Appendix H for more information on Assurance Liaisons and QIPs.

If, through tracking and trending it is discovered that a specific provider has multiple deficiencies, the Quality Management Efficiency Team (QMET) is alerted. The QMET pulls a random sample of the provider's records and reviews the ISPs to verify they meet participant needs adequately and appropriately. If the sample reveals a provider wide deficiency in developing an ISP which meets the subassurances, the provider must complete a Corrective Action Plan (CAP) within 15 business days. OLTL reviews and approves the CAP within 30 business days of submission. If the CAP is insufficient, OLTL works with the provider to develop an appropriate CAP.

If the New or Annual Participant Satisfaction Survey responses indicate that waiver participants have unmet needs, the BQPM initiates further analysis comparing with other data sources and develops a Quality Improvement Plan (QIP) or System Improvement Plan (SIP) if appropriate.

ii. Remediation Data Aggregation

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

Responsible Party (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <div style="border: 1px solid black; height: 20px; 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 State's quality improvement strategy, provide information in the following fields to detail the State's 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-1: Number and percent Unexplained or suspicious deaths for which review/investigation resulted in findings where appropriate follow-up or steps were taken
Numerator: Unexplained or suspicious deaths for which review/investigation resulted in findings where appropriate follow-up or steps were taken
Denominator: Total number of unexplained or suspicious deaths

Data Source (Select one):

Critical events and incident reports

If 'Other' is selected, specify:

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

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

Performance Measure:

HW-2: Number and percent of substantiated cases of abuse, neglect, or exploitation where recommended actions in the protect health and welfare were implemented
Numerator: Number of substantiated cases of abuse, neglect, or exploitation where recommended actions in the protect health and welfare were implemented
Denominator: Number of substantiated cases of abuse, neglect, or exploitation

Data Source (Select one):

Critical events and incident reports

If 'Other' is selected, specify:

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

	<input type="checkbox"/> Other Specify: <input style="width: 100%; height: 20px;" type="text"/>	
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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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input style="width: 100%; height: 20px;" type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input style="width: 100%; height: 20px;" 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-3: Number and percent of Urgent complaints with investigation initiated within the required timeframe
 Numerator: Number and percent of Urgent complaints with investigation initiated within the required timeframe.
 Denominator: Total number of urgent complaints

Data Source (Select one):

Critical events and incident reports

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):

<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input checked="" type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input type="checkbox"/> Representative Sample Confidence Interval = <input type="text"/>
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

HW-4: Number and percent of Non-Urgent complaints with investigation initiated within the required timeframe
Numerator: Number of Non-urgent complaints with investigation initiated within the required timeframe
Denominator: Total number of Non-urgent complaints

Data Source (Select one):
 Critical events and incident reports
 If 'Other' is selected, specify:

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

Responsible Party for data aggregation and analysis (check each that applies):	Frequency of data aggregation and analysis(check each that applies):

Performance Measure:
HW-5: Number and percent of complaints, investigated/closed within required timeframe
Numerator: Number of complaints, investigated/closed within required timeframe
Denominator: Total number of complaints

Data Source (Select one):
Critical events and incident reports
 If 'Other' is selected, specify:

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

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly

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

Performance Measure:

HW-6: Number and percent of waiver participants, responding to the satisfaction survey, who indicate knowledge of how to report abuse, neglect, or exploitation (ANE) Numerator: waiver participants, responding to the satisfaction survey, who indicate knowledge of how to report abuse, neglect, or exploitation (ANE)
Denominator: Total number of participants responding to the survey

Data Source (Select one):

Analyzed collected data (including surveys, focus group, interviews, etc)
 If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + - 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input checked="" type="checkbox"/> Other Specify: Two times per year	

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input checked="" type="checkbox"/> Other Specify: Two times per year

Performance Measure:

HW-7: Number and percent of waiver participants who were informed of the reporting process for abuse, neglect, and exploitation
Numerator: Number of waiver participants who were informed of the reporting process for abuse, neglect, and exploitation
Denominator: Total number of service plan reviewed

Data Source (Select one):

Operating agency performance monitoring

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + - 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>

	<input type="checkbox"/> Other Specify:	
	<input style="width: 100%;" 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify:	<input checked="" type="checkbox"/> Annually
<input style="width: 100%;" type="text"/>	
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify:
	<input style="width: 100%;" type="text"/>

Performance Measure:

HW-8: Number and percent of waiver participants with more than three reported incidents within the past 365 calendar days
 Numerator: Number of waiver participants with more than three reported incidents within the past 365 calendar days
 Denominator: Number of waiver participants with reported critical incidents

Data Source (Select one):

Critical events and incident reports

If 'Other' is selected, specify:

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

Specify: <input type="text"/>		Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

HW-9: Number and percent of critical incidents reported within the required timeframe
 Numerator: Number of critical incidents reported within the required timeframe
 Denominator: Number of critical incidents reported

Data Source (Select one):

Critical events and incident reports

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input checked="" type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Less than 100% Review

<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input type="checkbox"/> Representative Sample Confidence Interval = <input type="text"/>
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

HW-10: Number and percent of reportable incidents investigated within required timeframe
 Numerator: Number of reportable critical incidents investigated within required timeframe
 Denominator: Total number of reportable critical incidents

Data Source (Select one):

Critical events and incident reports

If 'Other' is selected, specify:

<input type="text"/>	<input type="text"/>	<input type="text"/>
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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>
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input checked="" type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input type="checkbox"/> Representative Sample Confidence Interval = <input type="text"/>
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> Other Specify: <input 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>
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input type="text"/>

Performance Measure:

HW-11: Number and percent of critical incidents requiring investigation where the state adhered to the follow-up methods as specified in the approved waiver
Numerator: Number of critical incidents requiring investigation where the state adhered to the follow-up methods as specified in the approved waiver
Denominator: Total number of critical incidents requiring investigation

Data Source (Select one):
 Critical events and incident reports
 If 'Other' is selected, specify:

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

Responsible Party for data aggregation and analysis (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
<input type="text"/>	
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other 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-12: Number and percent of incidents where unauthorized uses of restrictive interventions were appropriately reported
Numerator: Number of incidents where unauthorized used of restrictive interventions were appropriately reported
Denominator: Total number of incidents with unauthorized used of restrictive interventions

Data Source (Select one):

Critical events and incident reports

If 'Other' is selected, specify:

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

	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input style="width: 100%;" type="text"/>
	<input type="checkbox"/> Other Specify: <input style="width: 100%;" 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input style="width: 100%;" type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <input style="width: 100%;" 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-13: Number and percent of waiver participants receiving age-appropriate preventative health care
Numerator: Number of waiver participants receiving age-appropriate preventative health care
Denominator: Total number of waiver participants

Data Source (Select one):
Operating agency performance monitoring
 If 'Other' is selected, specify:

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

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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify:

Responsible Party for data aggregation and analysis (check each that applies):	Frequency of data aggregation and analysis(check each that applies):

- 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.

Statistical reports on 100% of reported critical incidents and complaints are generated from the state’s Enterprise Incident Management (EIM) system and these reports are reviewed monthly by the Bureau of Quality & Provider Management (BQPM) HW Assurance Liaison for patterns in the types of incidents and complaints received. The Liaison is also looking for patterns and issues regarding how the incidents and complaints are processed, i.e. was the reporting timeframe met, etc., according to the elements of the performance measures.

The HW Assurance Liaison reviews data from the OLTL participant satisfaction surveys for question # 16 pertaining to participants who indicate knowledge of how to report abuse, neglect and exploitation. One hundred percent of returned surveys responses are monitored and aggregated three times a year.

Data regarding Services My Way (SMW) participants is stratified from the data for the total waiver population. The data is used for tracking and trending of Health & Welfare issues for SMW participants from the incident, complaint and survey data.

Please see Appendix H for more information regarding the Assurance Liaison’s role in the Quality Improvement Strategy.

b. Methods for Remediation/Fixing Individual Problems

- i. Describe the State’s 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 it is discovered that an incident was not acted upon in accordance with waiver standards (not reported, not investigated within the required timeframe, etc.) OLTL staff that discovered the issues immediately directs the provider to report the incident utilizing OLTL Incident reporting protocols, investigate, make corrections and/or otherwise meet OLTL incident standards. If immediate action is required to protect the Health and Welfare of the individual the provider is instructed to take such action, The Bureau of Participation Operations may be required to investigate and/or take action if the provider is identified as a source of the incident. When a pattern of not reporting is determined a referral is made to the Quality Management Efficiency Unit (QMEU) for review of the providers’ incident protocols and implementation. As issues are discovered, Corrective Action Plans (CAPs) are required of the providers.

Individual incidents of a severe nature are investigated and reviewed in accordance with Appendix G. When it is discovered that a participant has more than three reportable incidents within the past 365 days, the Health & Welfare (HW) Liaison reviews and analyzes the incidents to determine the effect on the participant. If the pattern of incidents has an effect on the health and welfare of the participant, the HW Liaison issues a QIP (see Appendix H) for immediate intervention. The QIP, with the Bureau of Participant Operations (BPO) recommendations or action plan, is returned to the BQPM within 15 business days. The BQPM reviews and approves the QIP, notifying BPO of approval and initiating the follow-up process (QIP Protocol).

The BQPM reviews for patterns involving providers, geographic areas, etc. If specific provider(s) are involved in a pattern of frequent incidents, a referral is made to the Quality Management Efficiency Unit for a targeted review and possible Corrective Action Plan (CAP). The BQPM also refers these participants to BPO through the Quality Improvement Plan process (QIP) under the standard of ensuring health and welfare. Individual incidents of a severe nature are investigated and reviewed in accordance with Appendix G.

If the BQPM discovers that a complaint was not acted upon in accordance with waiver standards, the BQPM issues a Statement of Finding and requests a QIP from the BPO.

ii. Remediation Data Aggregation

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

Responsible Party (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input checked="" type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <div style="border: 1px solid black; height: 20px; 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 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 State's quality improvement strategy, provide information in the following fields to detail the State's methods for discovery and remediation.

a. Methods for Discovery: Financial Accountability

State financial oversight exists to assure that claims are coded and paid for in accordance with the reimbursement methodology specified in the approved waiver. (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-1: Number and percent of claims paid within accordance with approved waiver
Numerator: Number of claims paid within accordance of approved waiver
Denominator: Total number of paid claims.

Data Source (Select one):

Provider performance monitoring

If 'Other' is selected, specify:

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

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

Performance Measure:

**FA-2: Number and percent of providers submitting accurate claims for services authorized by the waiver and being paid for those services. Numerator: Total number of providers submitting accurate claims for services authorized
Denominator: Total number of providers reviewed.**

Data Source (Select one):

Record reviews, on-site

If 'Other' is selected, specify:

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Representative Sample Confidence Interval = 95% + - 5%
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> Other Specify: <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-4: Number and percent of provider payment rates that are consistent with rate methodology approved in the approved waiver application or subsequent amendment
Numerator: Number and percent of provider payments rates that are consistent with rate methodology
Denominator: Number of provider payment rates

Data Source (Select one):

Other

If 'Other' is selected, specify:

Claims data, documentation from State rate setting division

Responsible Party for data collection/generation (check each that applies):	Frequency of data collection/generation (check each that applies):	Sampling Approach (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly	<input checked="" type="checkbox"/> 100% Review
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly	

		<input type="checkbox"/> Less than 100% Review
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly	<input type="checkbox"/> Representative Sample Confidence Interval = <input type="text"/>
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually	<input type="checkbox"/> Stratified Describe Group: <input type="text"/>
	<input type="checkbox"/> Continuously and Ongoing	<input type="checkbox"/> Other Specify: <input type="text"/>
	<input type="checkbox"/> 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):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input checked="" type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> 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.

A "Paid Claims Report" has been developed that runs every paid claim against a valid list of procedure codes. 100% of all paid claims are run through the query which is written to list any claims that paid with an incorrect code. If any claims would pay and not be valid, the QMU would make sure the correct codes are in

the query and will run the report again if incorrect. If claims did truly pay for incorrect codes, QMU would contact Data and Claims Management to determine if there is a systems issue. If claims do not pay correctly, the Provider Helpline would be aware of these issues and would also share them with QMU.

After the end of each calendar quarter, The QMU Liaison runs the reports the following month from the PA EDW (Enterprise Data Warehouse) system as it is updated. The data is reviewed to determine level of compliance. Data is tracked and trended against prior periods. Remediation is taken if needed.

The QMU Liaison reviews the report that has been run. If no claims are listed on the report, all of the paid claims paid using correct procedure codes that are valid under the waiver. Any claims that would be listed on the report would be investigated to determine why they are incorrect.

The QMU Liaison reviews the data that has been reported by the QMET teams. The data is tracked and trended against prior reporting periods to draw conclusions relating to levels of compliance.

The QMU Liaison reviews the report that has been run. Any claims that do not pay at the correct rate will not meet the Assurance. These claims would be reprocessed at the correct rate.

Universe. FA-1: Numerator: Total number of claims that paid using correct procedure codes. SFY 2013-14 – 881,396 claims. Denominator: Total number of paid claims. SFY 2013-14 – 881,396 claims.

766 total providers. Numerator: number of providers reviewed that paid correctly. Denominator: number of providers reviewed during each quarter.

140 payment rates.

Paid Claims Report is analyzed. Based on results, further investigation of the paid claims and processing system may be needed.

Based on the results from QMET on site findings, providers will make necessary changes through the Corrective Action Plan remediation process. OLTL is exploring the option of collection this data systemically instead of onsite reviews.

Rates will not become official without passing the PA review process that they were done using the correct methodology.

If a claim passed all of the edit and audit checks in the PA PROMISE claims processing system, they have been coded and paid for in accordance with the reimbursement methodology

QMET completes a TSADF claims review of waiver providers as part of the regulatory monitoring which includes initial and follow-up monitoring. Comprehensive on-site monitoring of HCBS providers are conducted every two (2) years. Additional time frames for more frequent monitoring are determined by the existence of an active corrective action plan (CAP), provider history (complaints, incident reports, etc.), provider type and as identified by the OLTL.

Claims are reviewed by QMET to verify that billing is supported in the correct type, scope, amount, duration and frequency (TSADF) as written in the individual service plan (ISP). In the agency model of service, the ISP is broken down by service for the Direct Service Providers (DSP) on a Service Authorization Form (SAF). The SAF lists all of the necessary information required to perform the services being ordered and based on the provider type ie: personal assistance service, RN Services, etc.

At a DSP review, QMET requests all SAFs and timesheets for a statistically significant sample of billing. The information requested is for a one year period ending with the month prior to the month of the review. The SAFs and timesheets are compared to confirm that the services ordered were the services provided. Any deviations between the timesheets and SAFs that are not documented will result in a finding and the provider will be cited. Other issues that could result in a provider being cited are: the provider does not maintain documentation in the record of the SAF, the timesheet is not clear and TSADF cannot be determined, timesheets are missing etc.

Pennsylvania contracted with a vendor to assist with setting the payment rates. Parameters were agreed upon that would be critical to achieving the rate setting methodology. The rates went through a comment and vetting process. These accepted approved rates are loaded into the PA PROMISE payment processing system that the claims pay against.

The Commonwealth would request an explanation from the rate setting vendor who set the rate as to why the correct methodology was not used. A detailed break out of the rate setting process would be examined to determine the cause of the incorrect calculation. Once determined, the rate would be corrected and the vendor would update their process.

The Quality Management Efficiency Teams (QMETs) are the State Medicaid Agency's (OLTL) regional provider monitoring agents. They conduct monitoring reviews every 2 years with every provider of waiver services. Using a standard monitoring tool which incorporates the Financial Accountability requirements as listed in the waiver, the QMET verifies each requirement during the review. The QMET review includes verifying claims submitted in PROMISE with service plans. A random sample of provider, employee, and

consumer financial records are reviewed to ensure compliance with waiver standards. The State uses the following website to determine sample sizes <http://www.raosoft.com/samplesize.html>

b. Methods for Remediation/Fixing Individual Problems

- i. Describe the State's 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 a report reveals a claim that is overpaid in accordance with the rate methodology, OLTL/Bureau of Quality & Provider Management initiates steps to recoup the overpayment.

Noncompliance discovered during QMET monitoring is remediated through Corrective Action Plans (CAPs), requiring providers to submit their action steps to remedy their non-compliance.

Claims data is examined against a sample of HCSIS files to determine if paying properly based on plan authorizations

OLTL requests permission to remove these two Performance Measures. The FEA vendor prepares the SMW reports. They used the procedure codes unique to Services My Way to determine who was on the program, then did an analysis of the individual spending patterns of the participants. The universe of participants is very small. However, OLTL would like to remove the Services My Way performance measures because while data was collected, it was for a very small amount of participants and did not yield any meaningful results. OLTL removed the Service My Way performance measures for the following reasons: During the last three years, none of the participants were ever removed from the model for any reason other than becoming deceased. There was not any non- authorized use of funds and spending plans were adhered to. However, all of the SMW participants are included and their data is captured within other performance measures, so that that data is part of the overall analysis of waiver effectiveness.

The QMET monitoring tool is an Excel based instrument that provides a systematic and comprehensive way to measure and retain information regarding provider compliance. The tool consists of verifications relative to the regulations set forth by OLTL. Each monitoring tool is prepared as applicable for the ensuing provider review and is specific to the provider and the waiver services for which they are enrolled to provide services. Financial accountability requirements are included in both the SCE tool and the DSP tab labeled financial. The tool calculates if a provider has met or not met each regulation. See attachment A for a copy of the financial accountability requirements in the monitoring tool.

Comprehensive on-site monitoring of HCBS providers are conducted every two (2) years. Additional time frames for more frequent monitoring are determined by the existence of an active corrective action plan (CAP), provider history (complaints, incident reports, etc.), provider type and as identified by the OLTL. The process of data collection is done by QMET while performing the monitoring review. That data collection is compiled into a monthly reporting form. The monthly reporting form is then utilized to aggregate data for the PM broken out quarterly and annually.

The sampling methodology is based upon a statistical calculation in which we take each of the items (participants/employees/billed claims) required for review and create a sample based off of a confidence rate of 95% (a 95% certainty) and confidence interval (margin of error) of 10. Additionally, QMET has the option of judgmentally adding to this sample at the professional discretion of the reviewer. In cases that the random sample has missed items that are may need attention, or if separate items cause issue or suspicion during a review, those items may be added to our sample.

The state will not be using administrative claims data to prove this measure.. The State is using the rate methodology in the public notice published at 42 Pa.B. 3343 (June 9, 2012) and subsequent revisions. The state will be able to provide a narrative to prove that the provider payment rates are consistent with the rate methodology approved in the waiver.

Systemic issues/defects are addressed through the Department's Bureau of Data and Claims Management, the Bureau of Information Systems and the appropriate systems contractors related to the primary claims processing system (PROMISE™) and its interfaces. When systems issues occur, trouble tickets are generated by the Office of Long Term Living (OLTL) and defects are researched, identified, and corrected by the appropriate systems contractor. All claims impacted by the systems issues during processing are identified by the claims contractor and reprocessed after the correction to the system is made. OLTL sends communications to the providers that are affected making them aware of the issue, what is being done to correct it, and the timeline for completing the correction of the system issue.

When overpayments, or payments unsupported by proper documentation are identified during monitoring, the following steps are taken. Providers will receive a series of letters outlining what steps they must take, within a specified time frame, to correct the overpayment. The first letter outlines the overpayments that have been identified and allows the agency to submit further supporting documentation to validate the payment

received. The provider is given a 15 day window to comply with this request. If the provider cannot or does not respond, a second letter outlines that they have an additional 15 days to comply or the Department will begin to recover the identified overpayments through either adjustments to future claim payments or a lump sum payback. If OLT receives no response or the provider agrees with the overpayment, the Department discusses payment methods with the agency and either allows a one-time payment via check, a monthly payback via check, or reduces future payments to that agency until the full amount of the overpayment is recovered.

Rate Setting Methodology is examined and analyzed on a yearly basis and adjusted if inconsistent with the waiver.

ii. Remediation Data Aggregation

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

Responsible Party (check each that applies):	Frequency of data aggregation and analysis (check each that applies):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Annually
	<input type="checkbox"/> Continuously and Ongoing
	<input type="checkbox"/> 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 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 2)

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;
- 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 2)

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.

The Bureau of Quality and Provider Management (BQPM) in the Office of Long Term Living (OLTL) is responsible for developing and maintaining the Quality Improvement Strategy (QIS).

The OLTL developed a QIS for Home and Community Based Services (HCBS) Waivers to measure performance regarding service provision and to ensure the health and safety of participants. The QIS uses the quality management functions of discovery; remediation and improvement to identify and recommend systems improvements.

The Division of Quality Assurance in BQPM is responsible for collecting discovery and remediation information, analyzing that information, recommending system improvements and analyzing the effectiveness of the improvement initiatives. This Division is comprised of the Quality Management Unit (QMU) and the Quality Management and Efficiency Teams (QMET).

The functions of the Division of Quality Assurance are:

- To conduct quality monitoring of long term living programs and services to ensure compliance with federal and state regulations and the 6 waiver assurances
- To conduct provider monitoring to align with the 6 assurances to gather accurate data to determine compliance
- To compile reports for on data for the 6 assurances to measure the effectiveness of program design and suggest improvement initiatives
- To use data to support the development and implementation of policies and protocols to insure quality program outcomes
- To develop and implement training and technical assistance for staff, providers and participants to insure quality service delivery
- To convene a Technical Assistance Workgroup comprised of OLTL staff to insure consistent policy communication to providers and staff
- To collaborate with other bureaus in the OLTL, external stakeholders, other state agencies and the Quality Council to effectively implement this QIS
- To recommend strategies for continuous quality improvement
- To maximize the quality of life, functional independence, health and welfare and satisfaction of participants in OLTL waivers

The following reports are used to collect data which is then analyzed by the QMU to implement the QIS. The frequency of data compilation is indicated after each report. Each of the reports listed below was specifically designed to collect the data needed to assure compliance. The QMU works with various other bureaus and divisions in the OLTL to ensure the reports and data collected are valid and being set up and compiled correctly. The reports are monitored to determine possible causes of aberrant data and compliance issues.

Administrative Authority Assurance:

- Level of Care Determination Report - Quarterly
- Independent Enrollment Broker Contractual Obligation Report for Area Agencies on Aging - Quarterly
- Initial and Annual Level of Care Report - Quarterly

Qualified Provider Assurance:

- Qualified Provider Report - Quarterly
- Initial Provider Enrollment Report - Quarterly

Service Plan Assurance:

- Service Plan Assurance Data Report - Monthly
- Participant Satisfaction Survey Results – 3 times per year
- QMET Report on Service Delivery - Quarterly
- Enterprise Incident Management (EIM) Report on Complaints - Monthly/On Demand

Health and Welfare Assurance:

- Three EIM Reports on Complaints and Incidents – Monthly/On Demand
- Participant Satisfaction Survey Reports – 3 times per year

Financial Accountability Assurance

- Onsite Paid Claims Report - Quarterly
- PROMISE Paid Claims Report - Monthly
- FEA Deliverable Report - Monthly

The reports obtained are reviewed by Quality Management Liaisons (QML) in the QMU. Data is analyzed and reviewed for each assurance. When areas of low compliance are identified, strategies to mitigate the non-compliance are discussed first with the Unit Supervisor, then Division Director and subsequently at the Quality Management Meeting with representatives from each bureau in OLTL in attendance. At that meeting, each member of the group suggests and discusses ideas to increase compliance with the particular assurance previously identified as problematic. An agreement is reached on a plan to roll out to involved entities, such as providers or contracted entities. The bureau responsible for the entity is directed to implement the plan and follow up for technical assistance. Compliance with the assurance is then monitored closely to insure the compliance rate increases. If this is not the case, the process begins again until the compliance rate increases to the acceptable level.

Also part of the QIS is the Quality Council. The Quality Council meets quarterly is comprised of internal and external stakeholders who are presented with issues regarding non-compliance and make recommendations for change.

Quality information is reported to agencies, waiver providers, participants, families and other interested parties in several ways. The OLTL distributes information 4 times per year at the Quality Management Meeting. After discussion, at the Quality Management Meeting, the data is presented at the Quality Council Meeting quarterly. Quality information is also presented at the Department of Human Services (DHS) Medical Assistance Advisory Committee Meetings as requested. These meetings involve DHS and

stakeholders. The OLTL also provides data as requested to providers, participants and other parties. Results from the Participant Satisfaction Survey are posted on the DHS website 3 times per year. Results from provider monitoring are communicated to providers as soon as possible after the monitoring takes place.

ii. System Improvement Activities

Responsible Party(<i>check each that applies</i>):	Frequency of Monitoring and Analysis(<i>check each that applies</i>):
<input checked="" type="checkbox"/> State Medicaid Agency	<input type="checkbox"/> Weekly
<input type="checkbox"/> Operating Agency	<input type="checkbox"/> Monthly
<input type="checkbox"/> Sub-State Entity	<input checked="" type="checkbox"/> Quarterly
<input type="checkbox"/> Quality Improvement Committee	<input type="checkbox"/> Annually
<input type="checkbox"/> Other Specify: <input type="text"/>	<input type="checkbox"/> Other Specify: <input type="text"/>

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.

Summarized below are the system improvement activities followed in response to aggregated, analyzed discovery and remediation information collected on each assurance.

1. The QML for each of the assurances reviews the data collected to determine compliance issues.
2. The data collected is aggregated for tracking and trending.
3. The QML makes initial recommendations and prioritizes issues for problem solving and corrective measures to the Unit Supervisor.
4. The Unit Supervisor reviews the recommendations and presents the issue to the Division Director.
5. Issues are then placed on the agenda for the Quality Management Meeting and the Quality Council Meeting.
6. At the Quality Management Meeting and the Quality Council Meeting, issues and data are presented to the members.
7. Recommendations are made to remediate the issue.
8. The Director of the BQPM makes the decision on which plan will be used to remediate.
9. The appropriate bureau implements the plan with the responsible entity and provides technical assistance to implement the plan.
10. The QML insures that the plan was successful by reviewing the compliance data following implementation of the plan.
11. The QML reports on the remediation of the issue at Quality Management Meetings.

This process outlines the OLTL QIS. The QIS is reviewed at each Quality Management meeting (quarterly) to insure the QIS is working and on target.

The roles and responsibilities are as follows:

QML

- Identify and collect needed data
- Insure that data from reports is valid and accurate captures compliance with the 6 assurances
- Aggregate, review and analyze data to identify issues and trends
- Identify compliance issues
- Look for aberrant data and determine causes
- Make initial recommendations for problem solving, corrective measures and system changes
- Follow up on effectiveness of remediation plan and recommend alternatives if plan is not achieving desired result of reducing non-compliance
- Develop mandatory training for Service Coordinators on Assurances

Unit Supervisor and Division Director

- Review QML issues and recommendations for inclusion in Quality Management and Quality Council Meetings
 - Maintain an Issues Chart to track progress on remediation and system changes and insure the issue is resolved and non-compliance is reduced
 - Hold monthly meetings with other OLTL Directors to discuss trends and plans to correct quality issues.
- Representatives from OLTL Bureaus and Quality Council Members:
- Attend meetings
 - Make recommendations and suggestions to remediate issues and system changes
 - Review recommendations made by QML
 - Monitor follow up and results
- BQPM Director
- Make final decision on plan to be followed to remediate issues

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

The process to continuously assess the effectiveness of this QIS and revise as necessary is as follows:

- Two years after the waiver renewal date, a Quality Management Meeting will be held with the sole purpose of looking at the QIS and evaluating the effectiveness of the strategy.
- Prior to submission of the Evidentiary Based Review for the waiver renewal, another Quality Management Meeting will be held for the same purpose.
- Independent persons not associated with OLTL will be invited to assess the effectiveness of the strategy.
- The Issues Chart will be made available along with a summary of the steps taken to resolve the issues.
- The Independent Reviewer will assess and make recommendations for change.
- Annually a Quality Management Meeting will be dedicated for review of the Issues Chart and recommendations for change.

The Quality Improvement System outlined also applies to the Aging (control number 0279), OBRA (control number 0235), Independence (control number 0319), CommCare (control number 0386) and AIDS (control number 0192) Waivers. OLTL has incorporated all of OLTL's 1915 (c) waivers into a global Quality Improvement Strategy. The discovery and remediation data gathered during the implementation of the QIS are waiver specific and stratified. Because the renewals are staggered, the QIS automatically receives a periodic evaluation during the point of the renewal of each waiver.