Data Validation: Tools, Approaches, Questions

March 18, 2021 * 1:45 PM—2:30 PM

Presenters: Cesar Acevedo, DOL; Toquir Ahmed, DOL; Christina Eckenroth, DOL; Barbara Burns, Alabama Workforce Development Division; Lynda Weber, Maryland Department of Labor; Karlene Johnson, Krista Marshall, and Chantel Rundell, Nevada Department of Employment, Training and Rehabilitation
Word Cloud: Data Validation Is…
Recap: Guidance

✓ WIOA Section 116 (d)(5)
✓ Joint Training and Employment Guidance Letter (TEGL) 7-18
✓ DOL Only Data Validation TEGL 23-19
  ✓ Quarterly Report Analysis (DOL Tool)
✓ TEGL 5-18 State Performance Narrative
Recap: ETA’s Data Integrity Approach

- **WIPS**
  - Report validation—WIPS calculates state performance reports to ensure standardized application of formula calculations
  - Valid value edit checks that ensure data are submitted according to the PIRL
  - Logical validations enforce consistency across PIRL elements

- **Standard Data Validation**
  - Parameters: State data validation requirements
  - Set monitoring and technical assistance expectations

- **Quarterly Report Analysis**
  - Addresses data expectations where logical validations cannot be applied
  - Presents data graphically
QRA Poll

• Our State Incorporates the QRA in our Data Validation Processes

• Our State Reviews the QRA but We Do Not Incorporate it in our Data Validation Processes

• Would like assistance in how to incorporate the QRA

• What’s the QRA?
QRA products include a sheet with charts displaying the state’s performance relative to all states and a sheet with detailed results including numerator and denominator counts.

Both sheets include visual indications to highlight when the state’s results fail to meet, meet, or exceed ETA’s expectations.
QRA So Far: Expectations – Grantees (1)

All States:

• Review their state’s QRA results
• Use the information to review data integrity efforts
• Make necessary changes to improve QRA results
QRA So Far: Expectations – Grantees (2)

Volunteer Pilot States:

- Commit to review the QRA results in a timely manner
- Provide feedback on the QRA product itself
- For each failed metric provide region with responses for:
  - Problem Type
  - Solve by Quarter
  - Resolution
Upcoming QRA Events

PY 2020 Q2 Results Available
March 8th

QRA Peer Learning Group: MS Teams
March 23rd

Q2 Responses Due
March 29th
QRA updated for PY 2020 beginning with the 9/30/2020 reporting quarter
• Balanced number of metrics in each program
• Metrics are more targeted to the program
• Just one Priority of Service metric for WIOA Adult program
• New metrics

<table>
<thead>
<tr>
<th>Metric Name</th>
<th>Target(s)</th>
<th>Applicable Program(s) for PY 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Employment Plan</td>
<td>85%; 87%</td>
<td>Adult; Dislocated Worker</td>
</tr>
<tr>
<td>Training Occupational Code</td>
<td>95%; 95%</td>
<td>Adult; Dislocated Worker</td>
</tr>
<tr>
<td>Training Completion</td>
<td>80%</td>
<td>Dislocated Worker</td>
</tr>
<tr>
<td>Non-Youth Training Types</td>
<td>95%</td>
<td>Youth</td>
</tr>
</tbody>
</table>

• New Target for Youth Other Reasons for Exit metric
  • Lowered from 99% to 97% for PY 2020
State Panel

Barbara Burns, Alabama Workforce Development Division; Lynda Weber, Maryland Department of Labor; Karlene Johnson, Krista Marshall, and Chantel Rundell, Nevada Department of Employment, Training and Rehabilitation
Incorporating the QRA into a Mature DV System

Lynda Weber
Maryland Department of Labor

• Can you provide a high level overview of MD’s processes and how you incorporated the QRA into that system.
• What insights do you have for states that have mature data integrity/validation systems about the value of the QRA
• Advice for states just starting out or revamping?
• For states like MD, what would be a valuable addition to the QRA?
Incorporating the QRA in Monitoring and Training

Karlene Johnson,
Krista Marshall,
and Chantel Rundell,
Nevada Department of Employment, Training and Rehabilitation

- How does Nevada Department of Employment, Training and Rehabilitation apply the QRA to monitoring processes?
- How does the QRA factor into training?
- What tips would you offer for states to use the QRA in monitoring?
  - Describe the impact of QRA in training efforts
- For states like NV that use the QRA in training and monitoring, how could the QRA be improved?
QRA for States Making System Changes

Barbara Burns, Alabama Workforce Development Division

• AL instituted a new MIS system. Can you describe what you learned from the QRA?
  • Fine tuning
  • Tracking changes
  • Error correction
Questions and Discussion