Assessment Data:
Do I Have to Be an Expert?

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Defining an “Expert”

Simple Definition of EXPERT

: having or showing special skill or knowledge because of what you have been taught or what you have experienced
Experts

• Chocolatier
• Sommelier
• Grammarian
• Vexillologist
• Cicerone

Experts

• Chocolatier = An expert in chocolate
• Sommelier = An expert in wine
• Grammarian = An expert in grammar
• Vexillologist = An expert in flags
• Cicerone = An expert in beer
When Can Someone Be Called an Expert?

It may take up to 10,000 hours of practicing a skill to predict future success.

-Malcolm Gladwell
Writer/Author
Assessment Data: Do I Have to Be An Expert?

Understanding the Data

- Do you have a score or only a pass/fail indication?
- Are sub scores available?
- Do you have competency-level scores?
- Are academic breakdowns provided?
- Do you have comparison scores? (e.g., pre-tests and post-tests?)
- Is classroom level data available?
- Do you have a cut score comparison?
- Is comparative data provided?
What is Available?

NOCTI’s Standard Score Reporting Package:

- Individual Score Reports
- Group Score Reports
- Comparative Data
- Competency Reports

Understanding the Data

Group Score Report Sample

View scoring data for a test group in a single report. Student scores for standards and performance jobs are provided as well as a total score.

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Understanding the Data

Analysis of Scores Report Sample

The Analysis of Scores Report provides useful comparative data for making preliminary conclusions about the assessment results. Group, site, state, and national averages are included for each standard and performance job as well as the overall assessment.

Report Tip: Group averages can be compared to the site, state, and national averages to identify program strength and gap areas.

Comparative Data

Individual Score Report Sample

Individual reports provide scores for each standard and performance job as well as a total score and comparative data. Pre-and post-test scores are provided for participants when applicable.

Report Tip: Share with students and their parents and consider including in student portfolios!
Understanding the Data

Competency Report Sample

Still need more data? Competency Reports provide information and scoring data about the various competencies and jobs within each NOCTI credential.

For the multiple-choice assessments, Competency Reports provide:
- Number of items possible for each competency
- Average correct items by group
- Number of correct items by student

For the performance assessments, Competency Reports provide:
- Number of points possible for each job
- Average points earned by group
- Number of points awarded by student

Report Tip: Review competency data to pinpoint areas where students may be struggling. Can be helpful in identifying possible gaps in the curriculum.

Additional Resources

- [Putting Your Data to Work](#)
  - Improving Instruction in CTE
- [10 Things You Know](#)
  - Your First Year in CTE
- [CTEDDI](#)
  - Career and Technical Educators Using a Data Driven Improvement Model

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How Do You Become an “Expert”?

Closing Thoughts

You don't have to see the whole staircase, just take the first step.

- Dr. Martin Luther King Jr.
Our Lawyers Make Us Say This

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