

# Evaluation of Technical Skill Assessment Results



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# Overview of Presentation

- State Results of 08-09 assessments
- Feedback from our assessments
- What are other states doing?
- Review and Revision process relationship to assessment selection
- Participant Questions?



# Other States

Most common assessments:

- **Nationally recognized Credentials**
- **Industry Certifications**
- **End of Program Assessments**

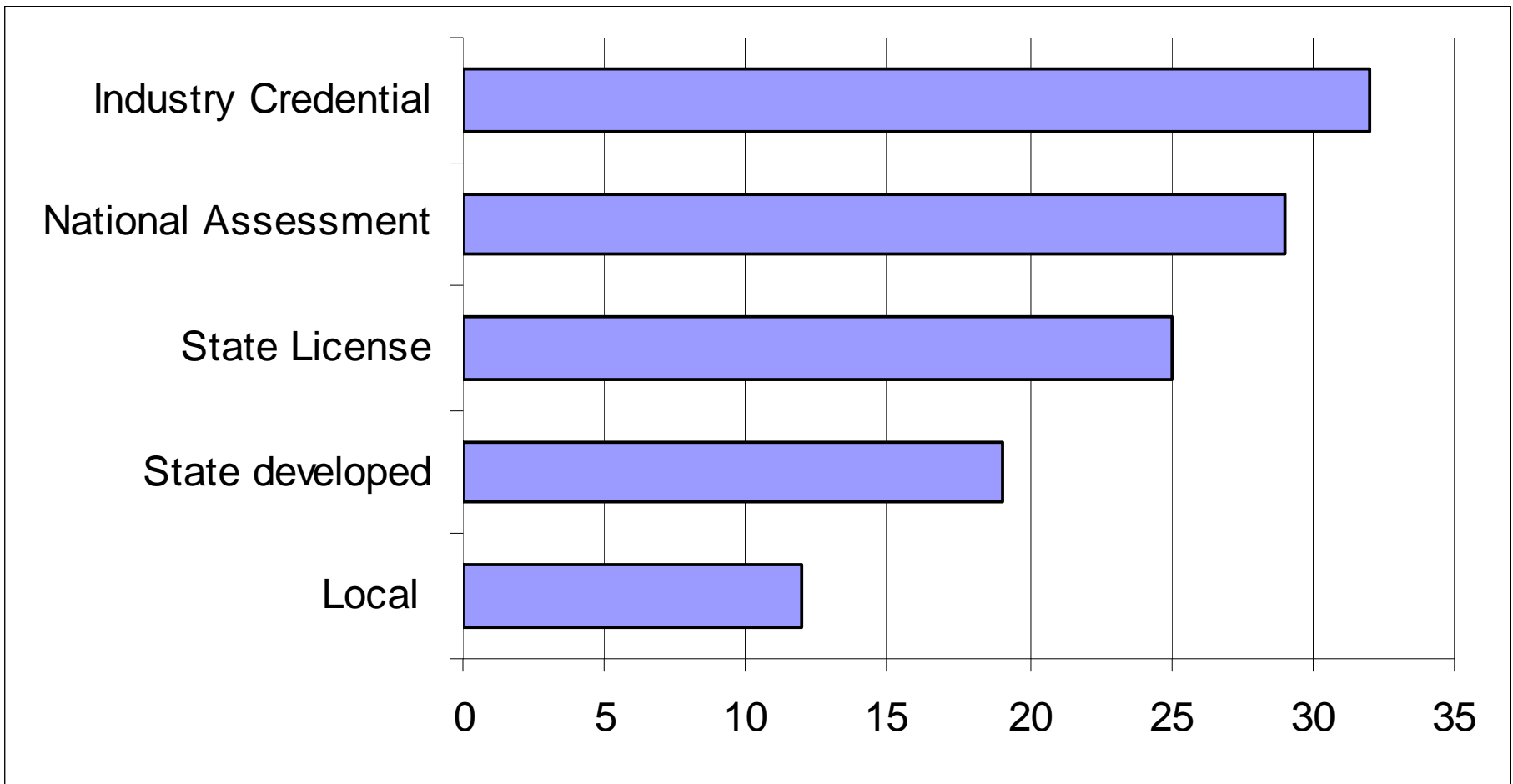


# Other states

Other types of assessments being used:

- Locally developed tests (e.g. final exams)
- State developed “CTE Tests”
- Performance rubrics
- Skills USA tests
- Work keys, or similar job seeking skill “tests”
- Almost everything else
- Not doing assessment -Using other criteria to measure

# Types of Assessments States Are Using





# Challenges

- Existing TA focused on narrow job skills/ secondary CTE movement to broader cluster level knowledge.
- Many Industry certifications /licensing exams have age restrictions.
- HS content expectations decreasing elective time. Student do not have sufficient time for developing the level of competency required to pass.



# Assessment Results--Background

- Health Assessment
  - 7,038 scores returned (included some retakes)
  - 6,740 matched a UIC on the unduplicated enrollment report (4301)
  - 3,163 matched a concentrator or completer who left school in 2009



# Not required to be assessed

- Students who took assessment:
  - 533 students who left school without reaching concentrator status
  - 561 still enrolled but not (yet) concentrators
- $1,094 \times \$12 = \$13,128$  (in 2008-2009)



# Finance Cluster Assessment

- 1,834 scores returned
- 398 scores matched a unique concentrator in Finance cluster\*
- $1,436 \times \$18.50 = \$26,566$



# Finance Assessment

- Only about 703 unduplicated scores total
- Invalid UICs (couldn't match scores to students)
- Wrong students assessed



# Finance Cluster Assessment

- 2008-2009 Unduplicated Enrollment Report:
  - 1,263 Concentrators Left School
  - 398 Finance assessment scores matched a concentrator
- Not used for Federal Reporting in 08-09



# Health Assessment Results

- Overall:
  - 5,646 concentrators\* took assessment
  - 2,004 scored 70% or higher
  - Percent passed=35.5%



# Health Assessment x Program

Program	Percent Passed
Biotech Med Sci	*
Therapeutic Serv	35.7%
Health Informatics	25.8%
Diagnostic Serv	25.3%



# Health Assessment x Completion Status

Completion Status	Took	Passed
Enrollee	1,094	199 (18.2%)
Concentrator*	2,860	1,004 (35.1%)
Completer	2,786	1,000 (35.9%)



# Best Results for \$\$:

- Assess students when they leave/complete the program (not before)
- Don't assess students who leave without becoming concentrators
- Make sure each student's UIC is correctly linked to assessment result
- Assess students once and only once

# Evaluation Survey Results



2008-2009



# Purpose of Surveys

- Ongoing evaluation of survey process
- Use as part of review of assessment
- Use for continuous improvement



# Surveys

- Online: Zoomerang
  - Links to surveys on [mi.learnport.org](http://mi.learnport.org)
  - Go to CTE Assessments Community Room
- Student, Teacher, Proctor/Coordinator surveys
- To be completed after assessment process is complete



# Good Measure of a Student's Skills

Program	Percent Agree	
	Students	Teachers
Biotech Med Sci	23.3% (7)	0%
Therapeutic Serv	38.3% (299)	19.0% (11)
Diagnostic Serv	50.0% (3)	**
Health Informatics	44.9% (154)	12.5% (2)



# Good Measure of a Student's Skills

Program	Percent Agree Or Neither*	
	Students	Teachers
*Including Neither Agree Nor Disagree		
Biotech Med Sci	50.0% (15)	**
Therapeutic Serv	59.2% (462)	32.8% (19)
Diagnostic Serv	50.0% (3)	**
Health Informatics	65.0% (223)	25.0% (4)



## Should be adopted as state assessment

Program	Percent Agree	
	Students	Teachers
Biotech Med Sci	26.7% (8)	0%
Therapeutic Serv	22.4% (175)	19.0% (11)
Diagnostic Serv	33.4% (2)	**
Health Informatics	26.2% (89)	0% (0)



# Should be adopted as state assessment

Program	Percent Agree Or Neither*	
	Students	Teachers
*Including Neither Agree Nor Disagree		
Biotech Med Sci	56.7% (17)	0%
Therapeutic Serv	51.7% (404)	46.6% (27)
Diagnostic Serv	50.0% (3)	**
Health Informatics	57.9% (197)	25.0% (4)



# Health Cluster Assessment

- Students

- 72% Comfortable with way assessment was given
- Nearly 40% felt some items were not clearly worded or were ambiguous
- 30%-50% agreed questions were at right level for high school students (depended on program)



# Health Cluster Assessment

- Teachers
  - Did not feel assessment caused disruption to instruction (78%)
  - Felt results were provided in timely manner (78%)
  - Reports were easy to understand (78%)



# Proctor/Coordinator Survey

- Ordering was trouble-free
- Coordinating instructions were clear
- Proctoring instructions were clear
- Coordination was time-consuming or cumbersome (45%)
- Training on coordination not adequate



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