

# DEMYSTIFYING DATA AND MSGS

**Spring Administrator's Meeting, FY2022**

April 5, 2022

*Kathy Olesen-Tracey, Senior Director for Adult Education*

*Cecilia Elhaddad, Director for Adult Education*

# LEARNING OBJECTIVES:

- ✓ Attendees will define and identify examples of Measurable Skill Gains.
  - ✓ Attendees will interpret DAISI reports to monitor and improve their program's MSG Rate.
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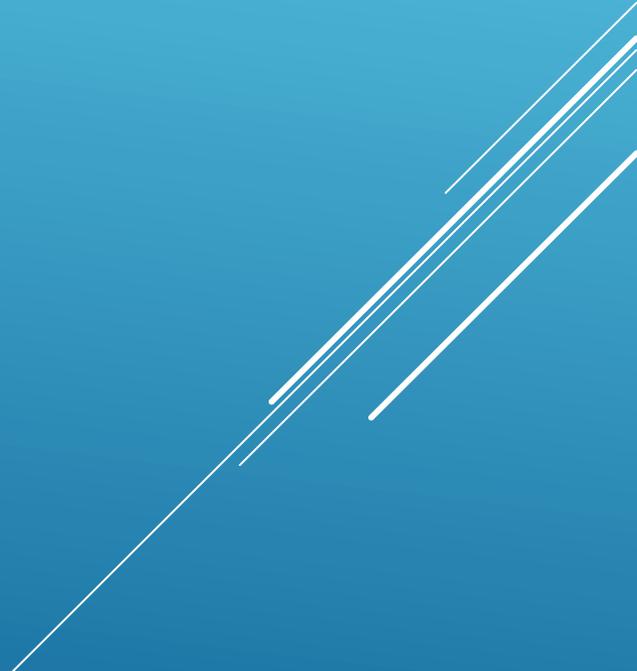
# AGENDA

What is a Measurable Skill Gain (MSG)?

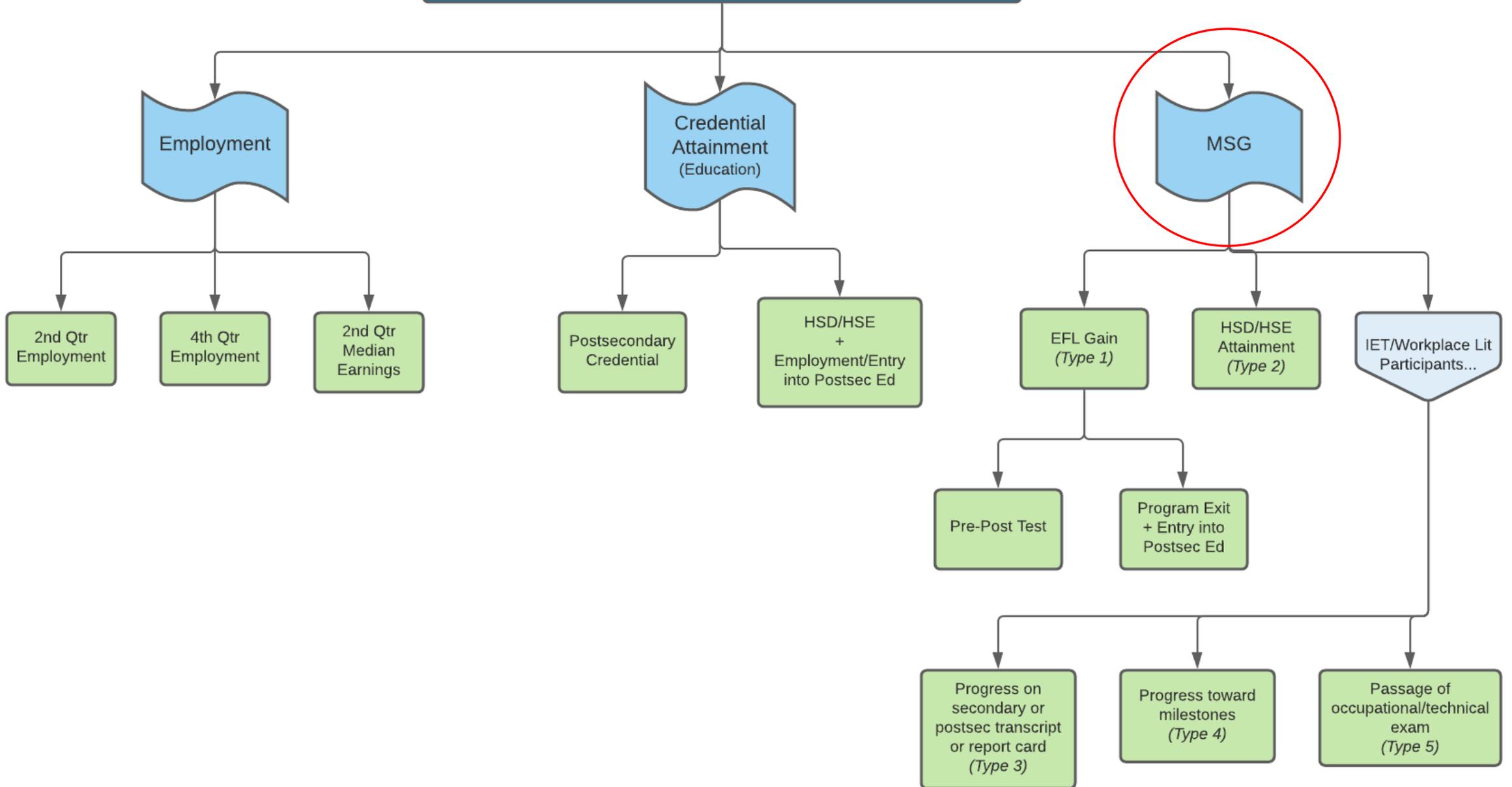
How are MSGs measured?

How to monitor and improve MSG Rate

WHAT IS A  
MEASURABLE SKILL  
GAIN?



# NRS Performance Indicators



# DEFINITION

“The measurable skill gains indicator is used to measure a participant’s interim progress through pathways that offer different services based on program purposes and participant needs.”

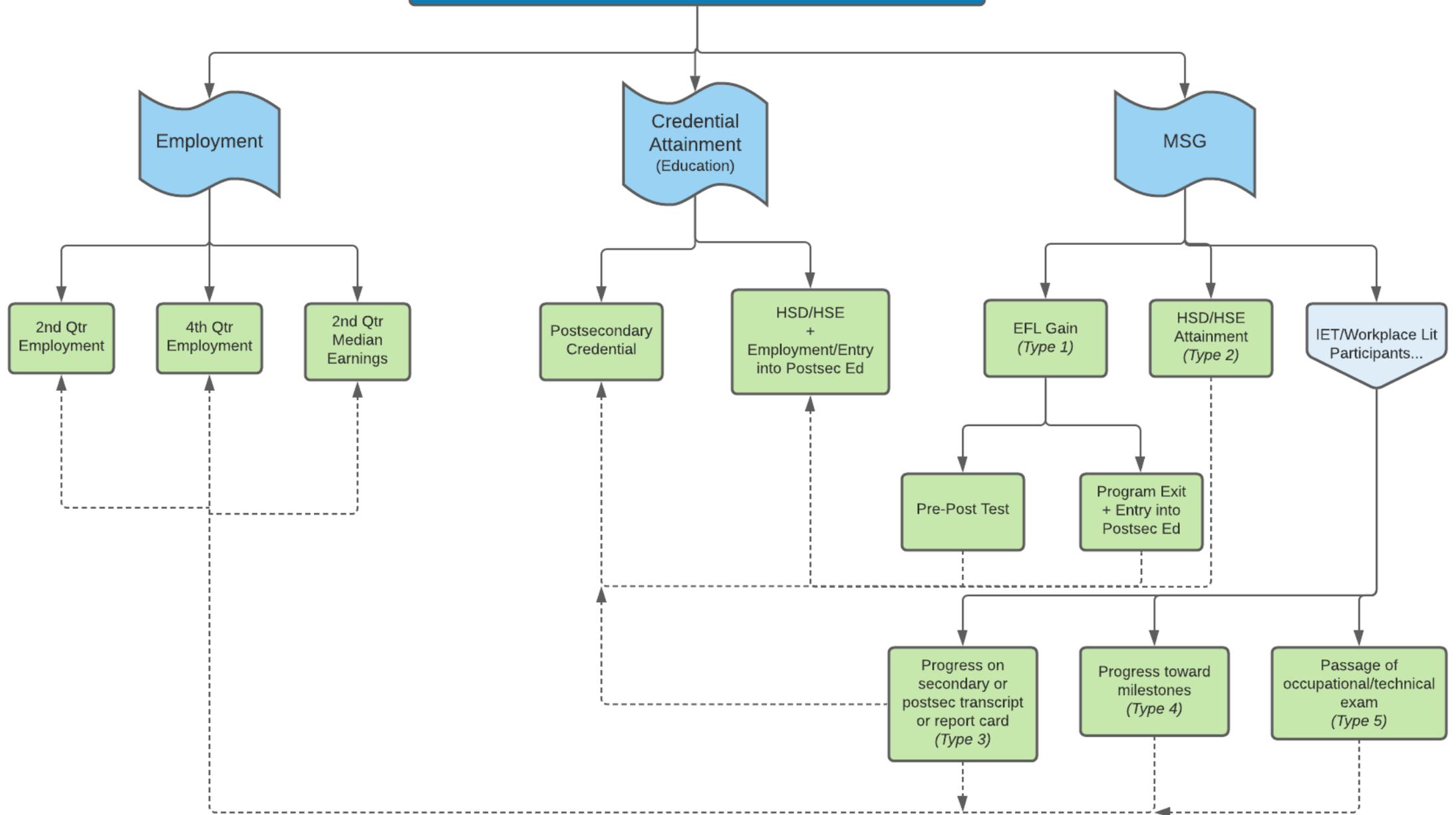
*Technical Assistance Guide for Performance Accountability – National Reporting System for Adult Education, p. 3*

# WAYS TO MAKE A MEASURABLE SKILL GAIN

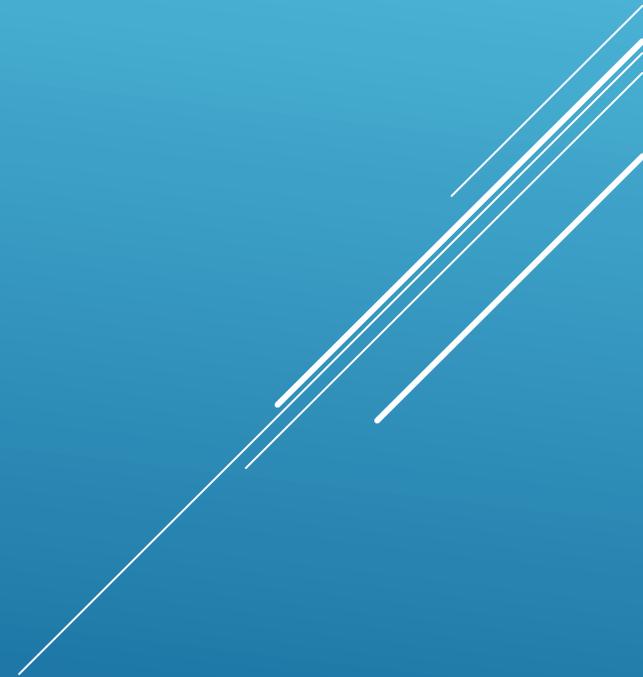
- ▶ **MSG Type 1:** Education Functioning Level Gain
- ▶ **MSG Type 2:** Attainment of High School Diploma or its Recognized Equivalent
- ▶ **MSG Type 3:** Postsecondary Transcript Demonstrating Student is Meeting State Academic Standards
- ▶ **MSG Type 4:** Progress Towards Milestones
- ▶ **MSG Type 5:** Passing Technical/Occupational Knowledge-Based Exam or Demonstrating Progress in Attaining Technical/Occupational Skills



# NRS Performance Indicators



# HOW MSGS ARE MEASURED AND CALCULATED



# MSG TYPE 1

## EDUCATION FUNCTIONING LEVEL GAIN (LEVEL GAIN)

Student needs a pre/post-test pair

- ▶ Student's first test of FY is pre-test
- ▶ If student has two test series (e.g., Reading and Math), NRS-approved test with lower pre-test NRS level is chosen as pre-test

### TABE-M

Date	Form	Lvl	Raw Score	Scale Score	GLE	NRS Level	Delete
09/21/2020	F11	M	25	529	5	ABE3	Delete

« < 1 > »

\*Note: Please select a test to update.

### TABE-R

Date	Form	Lvl	Raw Score	Scale Score	GLE	NRS Level	Delete
09/14/2020	F11	M	35	548	6	ABE4	Delete

« < 1 > »

\*Note: Please select a test to update.

Pre-test

# WILL THIS LEVEL GAIN BE COUNTED ON NRS REPORTS?

## TABE-M

Date	Form	Lvl	Raw Score	Scale Score	GLE	NRS Level	Delete
09/21/2020	F11	M	25	529	5	ABE3	<a href="#">Delete</a>

⏪ ◀ 1 ▶ ⏩

\*Note: Please select a test to update.

No—this is not an MSG because the student's NRS-official test is TABE-M

## TABE-R

Date	Form	Lvl	Raw Score	Scale Score	GLE	NRS Level	Delete
09/14/2020	F11	M	35	548	6	ABE4	<a href="#">Delete</a>
11/15/2020	F12	D	50	616	10	ASE5	<a href="#">Delete</a>

⏪ ◀ 1 ▶ ⏩

\*Note: Please select a test to update.

# MSG TYPE 2 ATTAINMENT OF A HIGH SCHOOL DIPLOMA OR ITS RECOGNIZED EQUIVALENT

High School Diplomas are self-reported

Student Name: Brown, James < Prev Next >

Search Results Bio/Demo Status Test Info \* Class Info ⚠ **Goals/Achievements** Student Notes Custom Fields IEL/CE

### Achievements

#### Credentials Earned

\* Career Pathway  \* Specific Credential Type  Month/Year Earned

Don't see the credential you're looking for? Fill out the [Industry-Recognized Credential Proposal Form](#) to submit a new credential for approval.

**Educational:**

Obtained a high school diploma High School Diploma Achievement Date:

MSG TYPE 2  
*ATTAINMENT OF A HIGH SCHOOL DIPLOMA  
OR ITS RECOGNIZED EQUIVALENT*

**EARNING A  
HIGH  
SCHOOL  
DIPLOMA**



**PASSING A HIGH  
SCHOOL  
EQUIVALENCY  
TEST**

Your program must partner with the local school district or ROE in order to offer and report High School Diplomas. See the AE Provider Manual for more information.

# MSG Type 2 Attainment of a High School Diploma or its Recognized Equivalent

## Student Test Info Page:

### Data Match

TestType: **GED Series 2014**

Passed: No Total Score: 584

Match Level: 2

Has Taken All Parts of the Test: Yes

Test Date	Test Type	Test Score
05/24/2021	Mathematical Reasoning	142
05/25/2021	Reasoning Through Language Arts	140
05/26/2021	Science	148
05/27/2021	Social Studies	154

**Constitution Test Passed:** Yes (06/06/2005)

\* Match Level - The four match levels are as follows:

1 = ssn/birthdate/lastname

2 = lastname/birthdate/zipcode

3 = lastname/birthdate

4 = ssn only



## MSG TYPE 3

“Secondary or **postsecondary transcript** or report card for a sufficient number of credit hours that shows a participant is **meeting the State unit’s academic standards.**”

Measured by the **passage of a postsecondary course**

Calculated via **annual data match**



Student Name: Camarena, Janelisa

- Search Results
- Bio/Demo
- Status
- Test Info
- Class Info
- Goals/Achievements
- Student No

Update

Disability status Select

Other Institutional Setting

STAR Student

Yes  No

ICAPS Student

Yes  No

ESLTP Student

Yes  No

# MSG 3

Identify students as Workplace Literacy Program (ICAPS/IET or ESLTP) Participants

# MSG TYPE 4



**“Satisfactory or better progress report, towards established milestones,** such as completion of OJT or completion of one year of an apprenticeship program or similar milestones, from an employer or training provider who is providing training.”

Measured by:

- ▶ Completion of a
  - ICAPS/IET Program
  - Bridge Program\*\*
  - ESLTP\*\*
  - Qualifying Workforce Education Program\*\*

*\*\*changes to DAISI coming soon*

**ICAPS Student**

Yes  No  
ICAPS Entry Date: 08/03/2020

**Exited ICAPS**

Yes  No  
ICAPS Exit Date: 06/18/2021

**Completed ICAPS**

Yes  No

Sector Focus of Pathway Program: Transportation, Distribution and Logistics Occupational Focus of Pathway Program: Operations

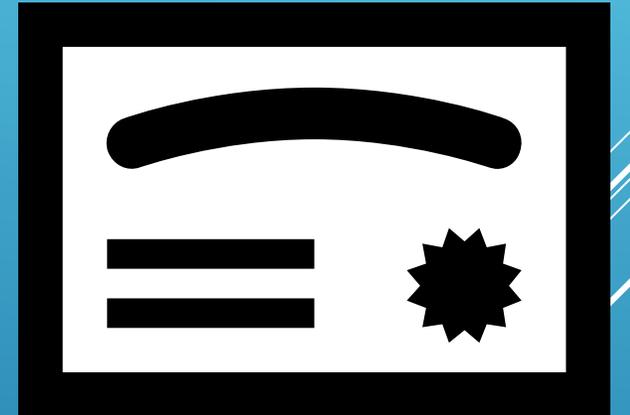
# MSG 4

Record completion of ICAPS/IET Programs on the Status page of student record

# MSG TYPE 5

"Successful **passage of an exam** that is **required for a particular occupation** or **progress in attaining technical or occupational skills** as evidenced by trade-related benchmarks, such as knowledge-based exams."

Measured by the attainment of **industry-recognized credentials by Bridge/IET/ICAPS Program participant**





Change FY

Students

Classes

Courses

Instructors

Funding

Administration

Help

Student Name: Camarena, Janelisa

Prev

Next

Search Results

Bio/Demo

Status

Test Info

Class Info

Goals/Achievements

Student Notes

Custom Fields

IEL/CE

Achievements

Credentials Earned

\* Career Pathway

Specific Credential

Month/Year Earned

mm/dd/yyyy



ADD

# MSG 5

Record industry-recognized credential attainments



## Reports

### Pentaho

[Pentaho Home Page](#)

1

### State Level

File View Help

Home ▾

Browse Files

2

Create New

Documentation

USE "ALL FY22 CREDENTIALS"  
AD HOC REPORT TO  
MONITOR INDUSTRY-  
RECOGNIZED CREDENTIALS

File View Help

Browse Files ▾

Folders

3

4

- DAISI
- Ad-Hoc
- ICCBAdmin
- Programs
- PublishedReports
- Home

Files

5

- A1-Report-2015.xwaqr
- AEFL Cert of Units Micro V1.xwaqr
- AEFL Cert of Units Micro V2.xwaqr
- AEFL Cert of Units Micro V3.xwaqr
- All FY22 Credentials.xwaqr
- EL/Civics Competency Report(Program

File Actions

6

- Open
- Open in a new window
- Edit
- Cut
- Copy

# MSG 5

**NOTE: ENSURE ALL BRIDGE COURSES ARE CORRECTLY IDENTIFIED**

**Courses: Add/Edit Details**

**Course Details** | View Classes

\* Course Code

\* PCS,CIP Code

\* Course Name

\* Transition Course:  
 Yes  No

\* Bridge Course:  
 Yes  No

\* Select Bridge Course Type  \*Select Specific Career Cluster Type

Credentials earned by students who are *not* identified as Bridge or IET/ICAPS Program Participants will **NOT** be counted as an MSG!

# Important Notice

Enrollment, Level gains, HSD/HSE attainments, and all other MSG types will **not** be counted on NRS Reports if:

- ▶ The student has fewer than 12 attendance hours
- ▶ The student is in an Error State
- ▶ The student dropped before their midterm date (Fixed-Entry-only), the midterm hasn't happened yet, and/or attendance hasn't been entered *through* the midterm date.
- ▶ The student is enrolled exclusively in VOC or Foreign Language GED classes
- ▶ The student's NRS-Official pre-test scored at ESL Exit Criteria

# HOW TO MONITOR AND IMPROVE MSG RATE



## Required

[Enrollment Report](#)

[Program Status Report](#)

[NRS Performance Report PoP](#)

## Static

[A1 Extract Report](#)

[AEFL Certification of Units Report](#)

[Cohort: Follow-up Measure 2-Retained Employment](#)

[Cohort: Follow-up Measure 3-Earned GED or Sec Cred](#)

[Cohort: Follow-up Measure 4-Entered Post-Sec](#)

[EL/Civics Report \(Program\)](#)

[HSE - Summary Match by Month](#)

[HSE - Detail Match History by Student Excel Version](#)

[HSE - Detail Match by Student](#)

[HSE - Detail Match History by Student](#)

[Generation Report](#)

[Instructor Cost Allocation](#)

[Instructor - Individual Outcomes Report](#)

[Instructor - Summary Outcomes Report](#)

[NRS Core Performance Measures](#)

[Professional Development Report](#)

[Program Outcomes Report - Building](#)

[Student Hours](#)

[Transition and Performance Report](#)

[Verification Report](#)

[Pandemic Student Detail Report with Classes](#)

[Master List Report](#)

[Student Testing Report \(PDF Edition\)](#)

[Student Testing Report \(Excel Edition\)](#)

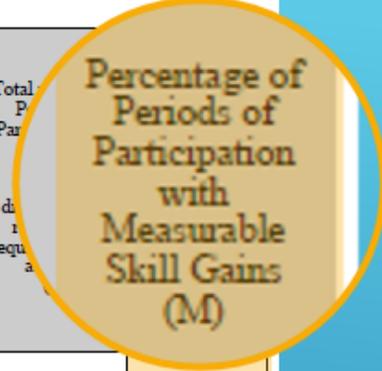
*These reports are especially helpful for monitoring MSGs!*

# NRS PERFORMANCE REPORT POP, TABLE 4

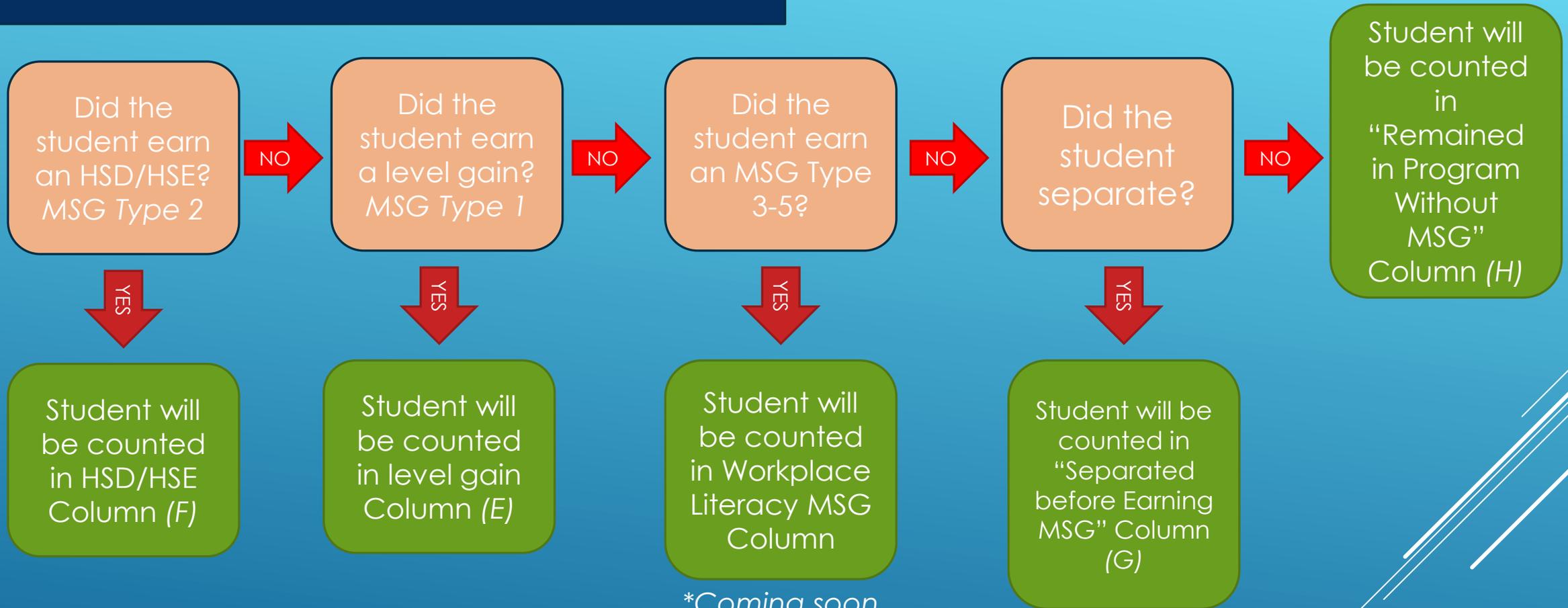
**Table 4**

Entering Educational Functioning Level (A)	Number Of Participants (B)	Total Attendance Hours (D)	Number who achieved at least one educational functioning level gain (E)	Number who attained a secondary school diploma or its recognized equivalent (F)	Number Separated Before Achieving Measurable Skill Gains (G)	Number Remained in Program with Measurable Skill Gains (H)	Percentage Achieving Measurable Skill Gains (I)	Number of Periods of Participation (J)	Total number of Periods of Participation in which Participants achieved at least one educational functioning level gain (K)	Total Periods of Participation with Measurable Skill Gains (L)	Percentage of Periods of Participation with Measurable Skill Gains (M)
<b>ABE</b>											
ABE Level 1	669	98722	271	24	168	206	44.10%	692	271	24	42.63%
ABE Level 2	5,259	672322	1,526	242	1,766	1,725	33.62%	5,358	1,527	242	33.02%
ABE Level 3	6,735	762377	1,433	607	2,624	2,071	30.29%	6,848	1,433	607	29.79%
ABE Level 4	3,911	426553	546	615	1,617	1,133	29.69%	3,955	546	615	29.36%
<b>ASE</b>											
ABE Level 5	992	111231	113	275	401	203	39.11%	1,001	113	275	38.76%
ABE Level 6	247	27803	0	98	92	57	39.68%	247	0	98	39.68%
<b>ESL</b>											
ESL Level 1	1,700	194520	792	1	539	368	46.65%	1,729	792	1	45.86%
ESL Level 2	3,010	317702	1,344	4	1,013	649	44.78%	3,050	1,344	4	44.2%
ESL Level 3	5,274	522034	2,331	13	1,692	1,238	44.44%	5,380	2,334	13	43.62%
ESL Level 4	7,714	778143	2,802	24	2,561	2,327	36.63%	7,876	2,803	24	35.89%
ESL Level 5	7,337	770047	2,478	35	2,515	2,309	34.25%	7,531	2,480	35	33.4%
ESL Level 6	6,899	719149	1,251	42	2,825	2,781	18.74%	7,059	1,252	42	18.33%
<b>TOTAL</b>	<b>49,747</b>	<b>5400603</b>	<b>14,887</b>	<b>1,980</b>	<b>17,813</b>	<b>15,067</b>	<b>33.91%</b>	<b>50,726</b>	<b>14,895</b>	<b>1,980</b>	<b>33.27%</b>

Program's level completion rate excluding ABE Level 6 is 31.66%



# WHICH MSG WILL COUNT?



*\*Coming soon to Pentaho!\**

Remember, only 1 MSG per Period of Participation will be counted!

# NRS PERFORMANCE REPORT POP, TESTING DATA (P. 12)

## Testing Data

Instructional Type	Pre-Tested	Post-Tested	Post-Test Rate
<b>ABE</b>			
ABE Level 1	669	409	61.14%
ABE Level 2	5259	2873	54.63%
ABE Level 3	6735	3384	50.24%
ABE Level 4	3911	1946	49.76%
<b>ASE</b>			
ABE Level 5	992	503	50.71%
ABE Level 6	247	42	17.00%
<b>ESL</b>			
ESL Level 1	1700	944	55.53%
ESL Level 2	3010	1701	56.51%
ESL Level 3	5274	3057	57.96%
ESL Level 4	7714	4692	60.82%
ESL Level 5	7337	4570	62.29%
ESL Level 6	6899	4216	61.11%
<b>TOTAL</b>	<b>49747</b>	<b>28337</b>	<b>56.96%</b>

Program's post-test rate excluding ABE Level 6 is

57%

# LEARNING OBJECTIVES:

- ✓ Attendees will define and identify examples of Measurable Skill Gains.
  - ✓ Attendees will interpret DAISI reports to monitor and improve their program's MSG Rate.
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, located in the lower right quadrant of the slide.

# QUESTIONS?

Visit Cecilia and Heather Martin from SIPDC at monthly DAISI/Excel Office Hours!