



OER KPIs Assessment Guide

Massachusetts OER Advisory Council
January 24, 2022 meeting



OUTLINE for Today's Meeting

1. History aka “Remind me again why we are doing this?”
2. Work of the OER Advisory Council on KPIs including the COUP Framework
3. Guide Creation Process
4. Review of Main Features of the Guide
5. Deep Dive into KPI 1 and KPI 3.
6. Group Breakout to Discuss 3 Key Questions
7. Reconvene Group to Unpack Small Group Discussions
8. Questions & Comments

Why are We Doing This?”

6/22/2021, Board of Higher Education unanimously accepted the accepted the motion of the Academic Affairs Committee that stated the Commissioner will work with the OER Advisory Council and the public institutions to implement the Course Marking Implementation Guidelines and the OER Key Performance Indicators.

7/27/2021, Letter from Carlos E. Santiago, Commissioner, MA DHE Re: OER Course Marking Implementation and OER Key Performance Indicators, [Appendix A](#) of guide

9/1/21, Letter from Bob Awkward to MA OER Advisory Council Re: OER Key Performance Indicators, [Appendix B](#) of guide

11/23/2021, Letter from Patricia Marshall, Deputy Commissioner for Academic Affairs & Student Success, MA DHE Re: Implementing OER Course Markings and Key Performance Indicators, [Appendix C](#) of guide

Work of the OER Advisory Council on KPIs including the COUP Framework

May - June 2020 KPI Sub-group: Bob Awkward, Millie Gonzalez, Jackie Kremer, Jesse Schreier, Sue Tashjian, [An Exploratory Review of Key Performance Indicators for OER](#), includes literature review, COUP Framework, review of other states' assessment work

June-July 2020 Steering Committee of OER Advisory Council discussions

Sept 2020 - COUP Framework and KPIs document sent to OER Advisory Council

Oct 2020- OER Advisory Council discussion of COUP Framework and KPIs

Nov 2020- OER Advisory Council agreement of COUP Framework and KPIs

May 2021-OER Advisory Council meeting, Connie Strittmatter presents FSU Assessment plan

Dec 2021- Brief presentation of guide to OER Advisory Council by Connie and Jackie

Process used to Create the KPI Guide

October 2021 - Connie and Jackie prepare first draft

Nov 18, 2021 - Feedback from small group Bob Awkward, Marilyn Billings, Donna Mellen

Dec 7, 2021 - Feedback from subgroup Bob Awkward, Matt Bejune, Marilyn Billings, Jessica Birthisel, Jessica Egan, Millie Gonzalez, Dawn Gross, Carolyn Michaud, Andrea Milligan, Donna Mellen, Tashjian, Susan

Dec 2021 - Jan 2022- Input from Assessment offices at Fitchburg State and Worcester State

Dec 2021 - Jan 2022- Input from some members of Advisory Council (Ceit, Andrea and more)

Review of Main Features of the Guide

7 sections to the document

- Purpose of the guide
- Definitions
- Table listing Key Performance Indicators in relation to COUP Framework
- Calculating the Key Performance Indicators
- Suggested timeline
- Examples of work at MA Public Colleges and Universities
- Appendices

KPI Calculations

Components of KPI calculations

- Reporting Requirement
- Information needed to calculate the KPI
- Formula
- Scenario & Example
- Data to report to the State

NOTE: Many KPIs have two calculations: 1 for no cost and 1 for low cost

Deep Dive into KPI 1: Total Cost Savings

Information Needed to Calculate No Cost course section savings:

- Average textbook cost is \$117 (SPARC average)
- Number of course sections with No Cost materials
- Sum of students in those course sections. (See KPI 3 for details)

Data to report to the State:

- Cost Savings of No Cost Materials
- Cost Savings of Low Cost Materials

Formula: Cost savings = Nat'l average textbook cost x number of students enrolled in no cost course sections

Scenario: 2025 students were enrolled in No Cost course sections

Example: \$117 x 2025 students = **\$236,925**

NOTE: a second calculation is needed to determine cost savings for Low Cost Course Sections

Formula: (National average textbook price (\$117) - average low cost material price (\$50)) multiplied by the number of students enrolled in low cost course sections

KPI 3: % of students in No/Low cost sections

Information Needed:

- Number of No Cost course sections
- Number of students enrolled in No Cost course sections
- Number of Low Cost course sections
- Number of student enrolled in Low Cost course sections
- Total number of course sections
- Total number of students enrolled in each section

Data to report to the State:

- Number of students enrolled in No Cost course sections
- Number of students enrolled in Low Cost course sections
- Number of students enrolled in all course sections

KPI 3: % of students in No/Low cost sections

Step 1. Identify the number of **course sections** that have **No Cost materials**. (See KPI 2)

- **Scenario:** 75 course course sections use No Cost materials

Step 2. Tally the number of students enrolled in No Cost course sections.

- **Scenario:** 2,025 students were enrolled in the 75 course course sections

Step 3. Tally the number of students enrolled in every section offered within your reporting timeframe.

- **Scenario:** 1,000 course course sections were offered overall. Total student enrollment in these course sections totals 24,000

Step 4. Calculate the percentage. Number of students enrolled in No Cost course sections / Number of students enrolled in all course course sections.

- **Scenario:** 2,025/24,000 or 8.4%

NOTE: A second calculation is needed to determine cost savings for Low Cost Course Sections

Breakout Groups to discuss 3 key questions

- 1: Looking at the 6 KPIs, which ones are relatively easy to collect data on and which ones may be more difficult? What makes them more difficult?
- 2: What assets does your institution have to accomplish this work? What is your institution lacking to do this work?
- 3: What is the burning question you want answers to in order to move this work forward?

Nominate a note taker and a speaker. Notes should be taken in this shared document:

https://docs.google.com/document/d/1_PBqLgYrLbI25tJghfe_zYLi0jdyrKQ9lrzorpkuysU/edit?usp=sharing

Reconvene Group to Unpack Small Group Discussions

Questions & Comments