

Docket Item:

Open Education Resources (OER) Update

Summary:

Update on textbook affordability and open education at all 24 colleges and universities through statewide OER program with request for continuing support. This update is responsive to the Commission's prior interest in open education resources and their impact as a strategy for lowering student and institutional costs as the Commission considers the draft Agency Request Budget for 2021-23.

Materials:

OER Impact Data from Amy Hofer, Coordinator of Statewide Open Education Library Services for Oregon.

Staff Recommendation:

For discussion purposes only.

One Ton of Impact Data

Created by José Hernandez
from Noun Project

Higher Education Coordinating Commission
June 11, 2020



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OpenOregon

Educational Resources



openoregon.org

This is the right time for affordable course materials

- Students will face new **hardships** due to illness and unemployment.
- New urgency to make changes that enable students to manage their **budgets**.
- OER adoption is one of the few interventions that both **saves students money** and **generates additional revenue** for institutions.

With Open Educational Resources, you are free to...

Copy

Mix

Share

Keep

Edit

Use

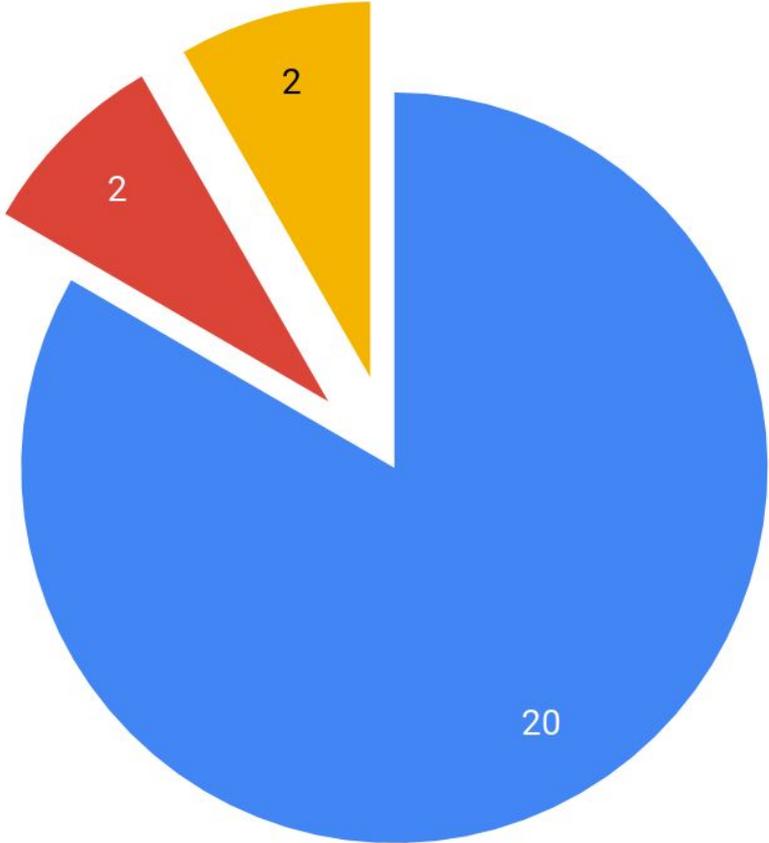
Agenda

1. **HB 2871 update:** no-cost/low-cost schedule designation implementation and impact
2. **HB 2213 update:** textbook affordability plans
3. **Legislative Work Group update:** on-time adoption reporting
4. **OER funding impact:** modest investments, high returns
5. **Future funding**

No-cost/low-cost schedule designation implementation

Status of designation

- Implemented
- Partially implemented
- Implemented, then put on hold



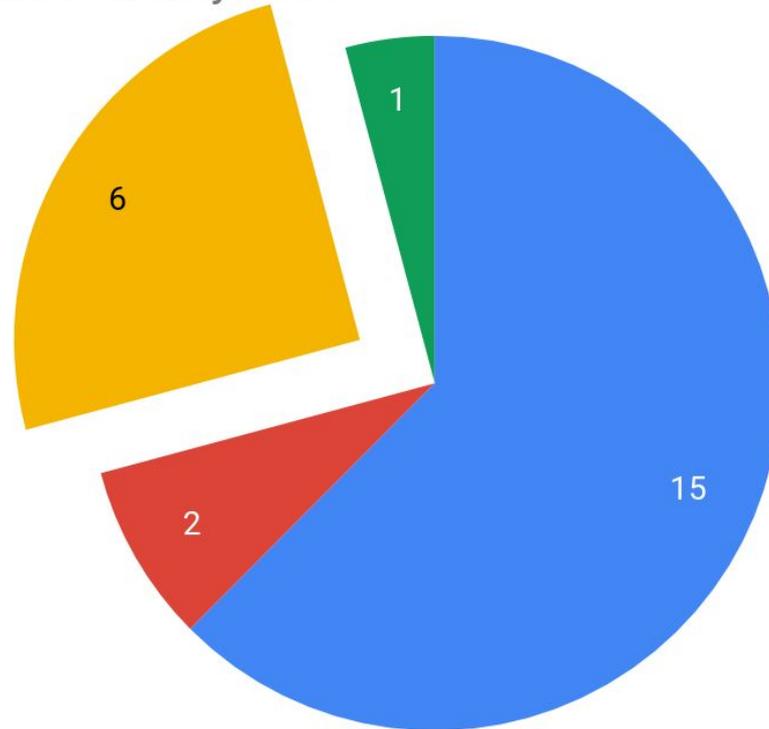
HB 2871: no-cost/low-cost schedule designation impact

- Estimated \$34M represented by designated courses in 2017-19 biennium (<https://openoregon.org/estimated-2017-19-student-savings/>)
- Estimated 75% savings on course materials for AAOT requirements or Ged Ed requirements (<https://openoregon.org/four-years-and-falling/> and <https://openoregon.org/what-is-the-cost-of-course-materials-for-a-four-year-degree-at-each-university-in-oregon/>)

Textbook affordability plan drafts

Status of Textbook Affordability Plans

- In Progress
- No Response
- Delayed by pandemic
- Delayed by staff transition



Legislative Work Group: On-time adoption reporting

- Compliance with the letter and spirit of the federal Higher Education Opportunity Act
- Bookstores have time to negotiate better prices for materials and manage their inventory
- Accessibility services can make accommodations that may be needed
- Registrars and schedulers have the info they need to add the no-cost/low-cost designation to the course schedule in order to comply with HB 2871
- **Students can budget for the real cost of attendance for the upcoming term**

Past Grant Data: By the numbers

Grant Program	Funds Awarded	2016 Estimated Savings	2017 Estimated Savings	2019 Estimated Savings	Estimated Savings Per \$1 Spent
HB 2871 Grant Cohort	\$322,000	n/a	n/a	\$1,544,201	\$4.80
2015 Grant Cohort	\$52,098	\$77,234	\$225,449	\$477,409	\$9.16
2016-17 Grant Cohort	\$280,155	n/a	\$1,146,788	\$4,181,463	\$14.93
2018-19 Grant Cohort	\$499,084	n/a	n/a	\$1,237,839	\$2.48
Total	\$1,153,337			\$7,440,911	\$6.45

Other kinds of faculty development

- **OER Review Workshops: \$200 stipend**
 - 640 faculty have attended workshops since 2015, for an estimated savings of \$2,383,200 (\$19.89 per \$1 spent)
- **Course Redesign Sprints: \$750 stipend**
 - 34 faculty in 2019 Sprint reached 1523 students, for an estimated savings of \$141,274.91. (\$3.93 per \$1 spent)
- **Equity & Open Education Cohort: \$500 stipend**
 - Enrolling faculty to improve course materials and serve students more equitably, beginning Summer 2020.

Offsetting tuition hikes



Research on institutional returns

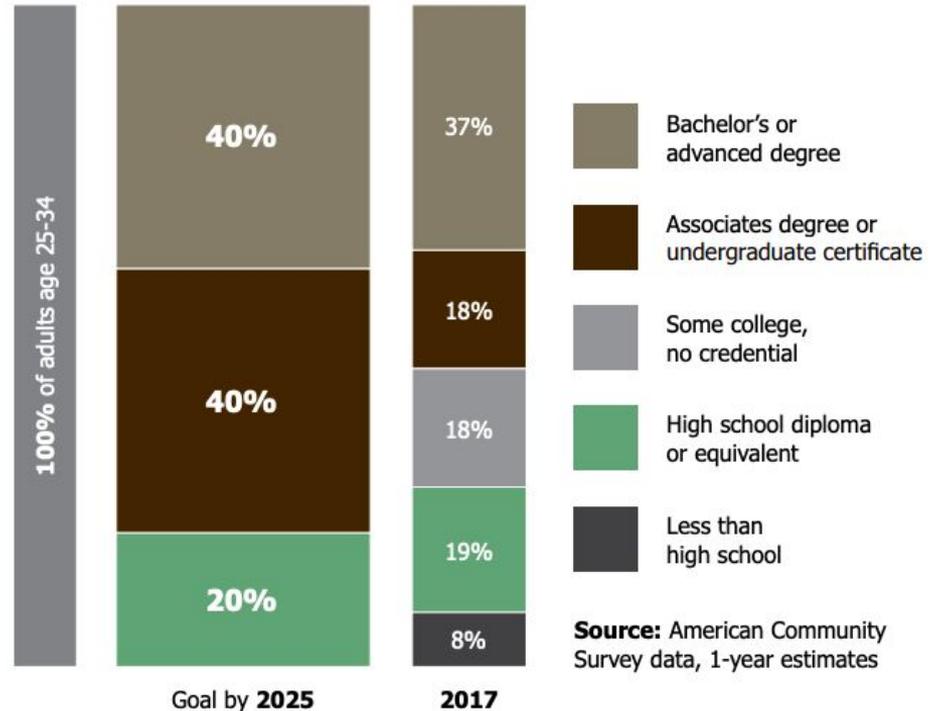
“The impact of OER course taking can generate a financial return on investment for colleges by enabling students to attempt and earn more course credits, generating **additional tuition revenue**... On average, the cost partners exceeded the breakeven point on their investment, with gross revenues estimated to return **\$1.03 for every dollar spent** (total program and delivery costs), which represents a 3% average return on investment.”

Griffiths, R., Mislevy, J., Wang, S., Ball, A., Shear, L., Desrochers, D. (2020). *OER at Scale: The Academic and Economic Outcomes of Achieving the Dream's OER Degree Initiative*. Menlo Park, CA: SRI International (pp. 39-40).

Other kinds of returns

“Higher levels of education are tied to higher wages, lower unemployment, more civic and community engagement, and greater economic mobility. Young adults need equitable opportunities to build trajectories to family-wage careers, reach their highest potential, and help their communities thrive.”

OREGON AIMS TO INCREASE ALL LEVELS OF EDUCATION BY 2025



Modest investments, high impacts

\$TBD

Statewide Pressbooks integration with LMS gradebooks

Enable faculty to create interactive textbooks that securely record grades in the learning management system



- Commercial homework platform access costs an average of \$100/student
- Statewide access enables small institutions to participate

\$100,000

Additional faculty development stipends

Offer faculty OER review workshops, course redesign sprints, and other opportunities to adapt to remote learning



- Estimated student savings of \$4-\$20 per program dollar spent
- Pent-up demand for faculty development after spring transition
- High participation to replace lost income due to Covid

\$400,000

Existing grant budget for course redesign with OER

Grant projects implement high-impact, culturally relevant/inclusive, collaborative projects in support of open education and reduced textbook costs in lower-division courses.



- Estimated student savings of \$4 per program dollar spent in pilot year
- Strong interest in grant funding based on faculty inquiries
- Recognition that OER is more sustainable for remote learning



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