

OERs: Why, Results, Pros, and Cons

Scott Saunders, Associate Dean, Mathematics
and Engineering
Baltimore City Community College

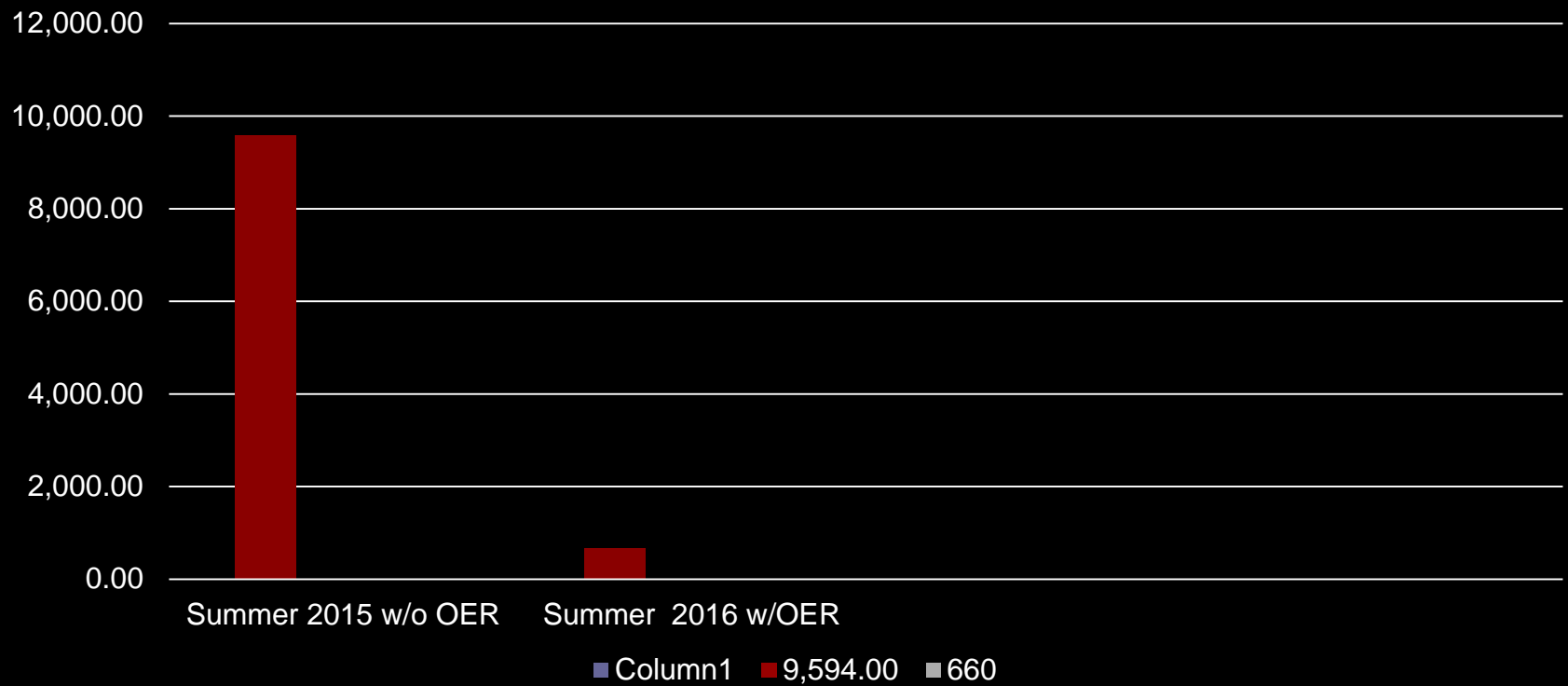
Results: 1st OER Basic Arithmetic Summer 2016

- Summer 2015 (non-OER)
- Day class: $20/24 = 83\%$.
- Night class: $13/17 = 77\%$
- Totals: $33/41 = 81\%$
- Summer 2016 (OER/MOM)
- Day class: $12/14 = 86\%$
- Night class: $13/19 = 68\%$
- Totals: $25/33 = 76\%$

Same 2 sections, same instructors.

Basic Arithmetic Text Costs

Costs of Books



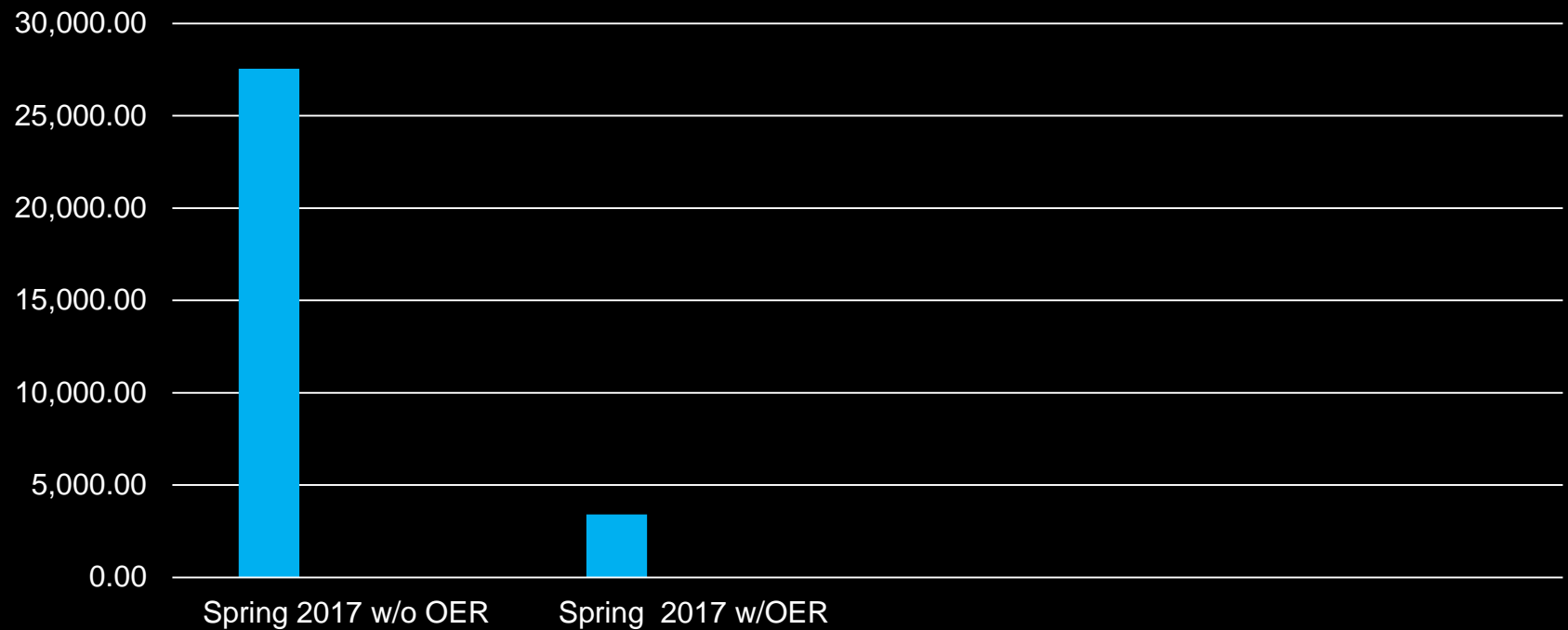
Results: Digging Deeper

- Again, spring 2017 Mat 91 had 7 F2F OER sections.
- 55/105 = 52% passed.
- Comparing the exact same 7 sections from spring (non-OER) 2016.
- 55/102 = 54% passed.

I especially like those numbers when you consider it was the first Mat 91 semester and it was offered thru Canvas.

Introductory Algebra Text Costs

Costs of Books



MOM (MyOpenMath)

- The software that we use with our OER is:
 - www.myopenmath.com or
 - www.ohm.lumenlearning.com

- Other math OERs can be found at:
 - www.opentextbookstore.com