



## MCO OER Report – Summer 2019 2018-2019

This report reviews the usage of Open Educational Resources (OER) at Michigan community colleges for the summer 2019 semester and final review of 2018-19. Along with the number of colleges, courses and students, the report estimates the total cost of savings to students for those classes where OER are used. The MCO OER Steering Committee agreed in fall 2016 to determine cost savings for students based on the multiplier of \$100 per student. This multiplier is a common method used throughout the nation to reflect the multiple options - such as purchasing used texts, rentals, e-textbooks, etc. - that students may/can use when purchasing a required textbook. Because there may not be a commercial text by which we can compare savings to, this report will show the estimated cost savings based on the \$100 per student multiplier for each course.

During summer 2019 semester, seventeen colleges reported usage of Open Educational Resources and low/no cost instructional materials to the Michigan Colleges Online. See listing below. This is an increase of four colleges reporting in summer 2019 compared to summer 2018.

Bay College  
Delta College  
Glen Oaks Community College  
Grand Rapids Community College  
Jackson Community College  
Kellogg Community College  
Kirtland Community College  
Lansing Community College  
Mid Michigan Community College

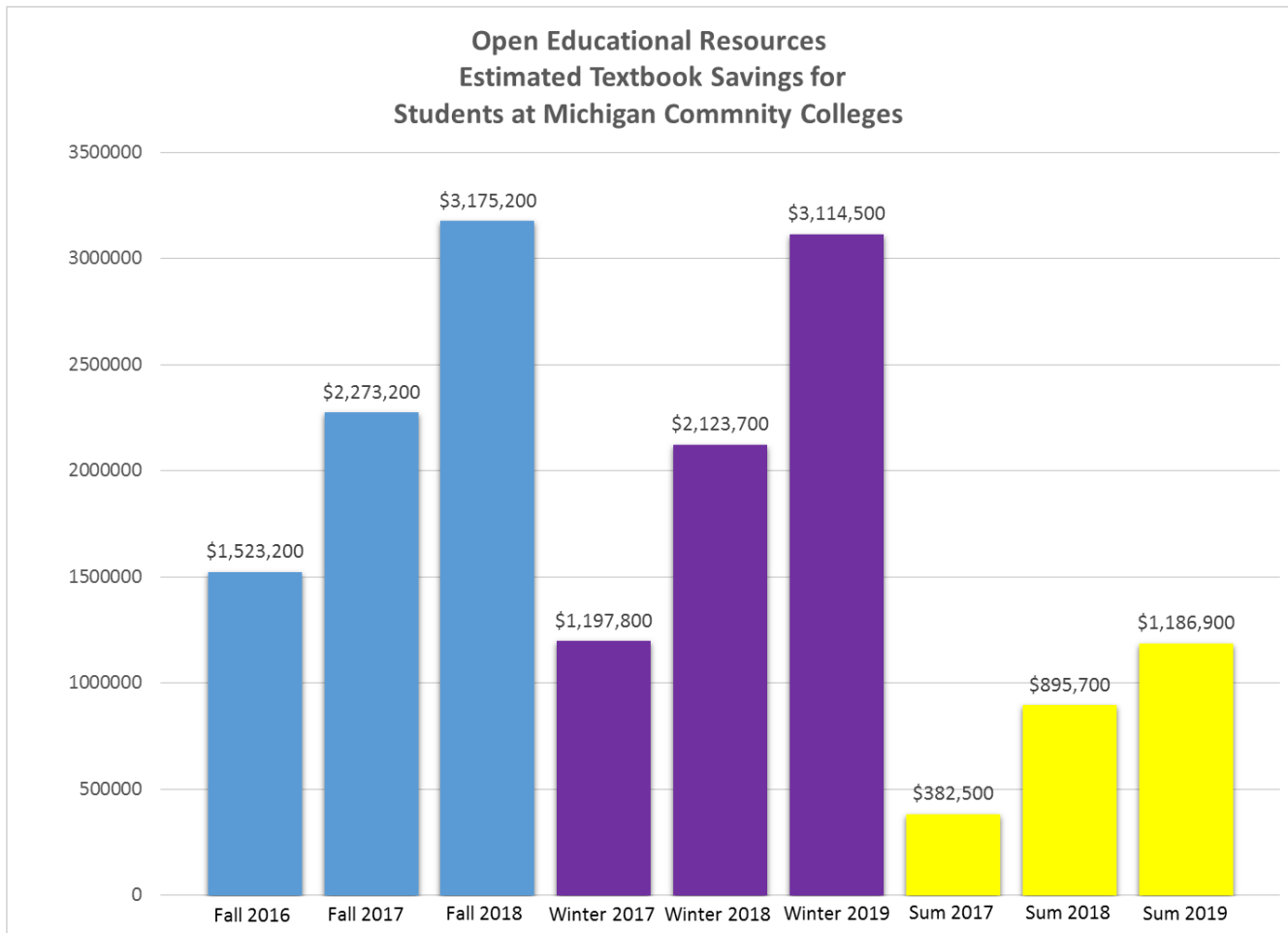
Mott Community College  
Muskegon Community College  
Northwestern Michigan College  
Saint Clair County Community College  
Schoolcraft College  
Southwestern Michigan College  
Washtenaw Community College  
West Shore Community College

**Total Savings** - For all colleges reporting, a total of 207 courses used some form of OER in the course. This is an increase of 38% over number of courses in summer 2018.



The combined statewide savings to students for summer 2019 was \$1,186,900 using the \$100 multiplier for each course enrollment. For 2018-2019, the total estimated savings is \$7,476,600. This is an increase of 29% over 2017-18 savings. **For the past three years, Michigan community colleges have saved their students an estimated \$15,872,700 in textbook costs.**

Academic Year	Estimated Savings
2016 – 17	\$3,103,500
2017-18	\$5,292,600
2018 – 19	\$7,476,600
<b>Total</b>	<b>\$15,872,700</b>



**Usage/Savings by College** – The chart below shows the number of courses, number of students impacted and the total estimated savings for students by college. The table compares OER activity from Fall 2018, Winter/Spring 2019 and Summer 2019.

College	Fall 2018			Winter/Spring 2019			Summer 2019		
	# of Courses	# of Students	Total Cost Savings	# of Courses	# of Students	Total Cost Savings	# of Courses	# of Students	Total Cost Savings
Alpena									
Bay	29	1634	\$163,400	28	1475	\$ 147,500.00	11	249	\$24,900.00
Delta	8	662	\$66,200	9	699	\$ 69,900.00	6	332	\$33,200.00
Glen Oaks				6	93	\$ 9,300.00	1	20	\$2,000.00
Gogebic	20	597	\$59,700	11	240	\$ 24,000.00			
Grand Rapids	32	5362	\$536,200	35	5413	\$ 541,300.00	29	2513	\$251,300.00
Henry Ford									
Jackson	10	460	\$46,000	6	341	\$ 34,100.00	4	284	\$28,400.00
Kalamazoo Valley									
Kellogg	4	359	\$35,900	17	1037	\$ 103,700.00	17	1037	\$103,700.00
Kirtland	12	692	\$69,200	12	556	\$ 55,600.00	5	131	\$13,100.00
Lake Michigan									
Lansing	52	5968	\$596,800	57	5604	\$ 560,400.00	38	1788	\$178,800.00
Macomb									
Mid Michigan	13	3283	\$328,300	17	2246	\$ 224,600.00	12	415	\$41,500.00
Monroe									
Montcalm				6	272	\$ 27,200.00			
Mott	14	1513	\$151,300	14	1175	\$ 117,500.00	10	466	\$46,600.00
Muskegon	4	507	\$50,700	7	651	\$ 65,100.00	2	45	\$4,500.00
North Central Michigan									
Northwestern Michigan	30	2040	\$204,000	47	2099	\$ 209,900.00	17	393	\$39,300.00
Oakland									
Schoolcraft	10	853	\$85,300	13	1343	\$ 134,300.00	13	927	\$92,700.00
Southwestern Michigan							3	62	\$6,200.00
St. Clair County	20	1065	\$106,500	17	999	\$ 99,900.00	8	162	\$16,200.00
Washtenaw	21	6355	\$635,500	22	6612	\$ 661,200.00	23	2968	\$296,800.00
Wayne County									
West Shore	9	402	\$40,200	9	290	\$ 29,000.00	8	77	\$7,700.00
<b>Totals</b>	<b>288</b>	<b>31,752</b>	<b>\$3,175,200.00</b>	<b>333</b>	<b>31,145</b>	<b>\$ 3,114,500.00</b>	<b>207</b>	<b>11,869</b>	<b>\$1,186,900.00</b>

## MCO OER Usage Report – Summer 2019

College	Course Number	Course Title	# of students enrolled	Title of Open Textbook	Open Textbook Provider	Total Cost Savings (using \$100 cost/text)
<b>Alpena</b>		No OER Usage Report Received				
<b>Bay</b>	BIOL 225	Medical Microbiology	19	<a href="#">Microbiology</a>	Open Stax	\$1,900.00
	COMM 201	Mass Communications	38	<a href="#">Understanding Media and Culture</a>	UMN	\$3,800.00
	ECON 131	Macroeconomics	19	<a href="#">Principles of Macroeconomics</a>	Open Stax	\$1,900.00
	ECON 132	Microeconomics	15	<a href="#">Principles of Microeconomics</a>	Open Stax	\$1,500.00
	ENGL 101	Rhetoric and Composition	24	<a href="#">Rhetoric &amp; Composition by Bay College</a>	Bay College	\$2,400.00
	ENGL 102	Research Writing	25	<a href="#">The Process of Research Writing</a>	Bay College	\$2,500.00
	ENGL 200	American Literature	19	No book required	n/a	\$1,900.00
	ENGL 150	Intro to Literature	18	<a href="#">Intro to Literature</a>	Lumen	\$1,800.00
	GEOG 110	Physical Geography	16	<a href="#">Encounter Physical Geography</a>	Porter	\$1,600.00
	MATH 110	College Algebra	17	<a href="#">College Algebra</a>	Open Stax	\$1,700.00
	SOCY 151	Sociology	39	<a href="#">Introduction to Sociology</a>	Open Stax	\$3,900.00
<b>Totals</b>	<b>11</b>		<b>249</b>			<b>\$24,900.00</b>
<b>Delta</b>	ECN 221	Principles of Macroeconomics	18	Principles of Macroeconomics	Open Stax	\$1,800.00
	MTH 161	Analytic Geometry & Calculus I	31	Calculus Vol 1	OpenStax	\$3,100.00
	MTH 162	Analytic Geometry & Calculus II	27	Calculus Vol 2	OpenStax	\$2,700.00
	PHY 111	General Physics	21	College Physics	OpenStax	\$2,100.00
	POL 103	American Politics	31	American Government	OpenStax	\$3,100.00
	SOC 211	Principles of Sociology	204	Intro to Sociology	OpenStax	\$20,400.00
<b>Totals</b>	<b>6</b>		<b>332</b>			<b>\$33,200.00</b>
<b>Glen Oaks</b>	BIO 210	Human Anatomy and Physiology I	20	Anatomy & Physiology	Open Stax	\$2,000.00
<b>Totals</b>	<b>1</b>		<b>20</b>			<b>\$2,000.00</b>
<b>Gogebic</b>		No OER Usage Report Received				
<b>Grand Rapids</b>	AN 210	Intro to Cultural Anthropology	100	Perspectives: An Open Invitation to Cultural Anthropology	americananthro.org	\$10,000.00
	AS 102	Introductory Astronomy	50	Astronomy	Open Stax	\$5,000.00
	AS 103	Descriptive Astronomy	75	Astronomy	Open Stax	\$7,500.00
	AT 105	History of Art Before 1400	55	n/a (various online sources)	NA	\$5,500.00
	AT 106	History of Art Since 1400	55	n/a (various online sources)	NA	\$5,500.00
	BA 207	Business Law I	153	Government Regulation and the Legal Environment of Business	Saylor Academy	\$15,300.00

	BA 208	Business Law 2	25	Advanced Business Law and the Legal Environment	Saylor Academy	\$2,500.00
	BA 254	Introduction to Statistics with Applied Models	56	Custom edition	LAD Custom Publishing	\$5,600.00
	BA 284	Human Resources Management	50	Human Resource Management	open.lib.umn.edu	\$5,000.00
	BI 110	Biology in Society	75	Concepts of Biology	OpenStax	\$7,500.00
	BI 121	Human Anatomy & Physiology 1	180	Anatomy & Physiology	Open Stax	\$18,000.00
	BI 122	Human Anatomy & Physiology 2	180	Anatomy & Physiology	Open Stax	\$18,000.00
	BI 127	Microbiology	48	Microbiology	Open Stax	\$4,800.00
	BI 151	Intro to Cells, Molecules & Genes	80	Biology	Open Stax	\$8,000.00
	CHM 110	Chemistry in the Modern World	24	Introductory Chemistry	Open textbook library	\$2,400.00
	CHM 120	Survey of General Chemistry	24	Chemistry: Atoms First	OpenStax	\$2,400.00
	CHM 130	General Chemistry I	72	Chemistry	Open Stax	\$7,200.00
	CHM 140	General Chemistry II	48	Chemistry	Open Stax	\$4,800.00
	EC 251	Principles of macroeconomics	222	Macro-economics	Open Stax	\$22,200.00
	EC 252	Principles of microeconomics	172	Micro-economics	Open Stax	\$17,200.00
	HS 249	US History through Reconstruction	86	US History	Open Stax	\$8,600.00
	HS 250	US History from Reconstruction to the Present	111	US History	Open Stax	\$11,100.00
	MA 131	Precalculus	35	Precalculus	Open Stax	\$3,500.00
	MA 215	Statistics	50	Statistics 3rd ed.	openintro.org	\$5,000.00
	PH 125	College Physics I	108	College Physics	Open Stax	\$10,800.00
	PH 126	College Physics II	72	College Physics	Open Stax	\$7,200.00
	PL 201	Introduction to Philosophy	120	n/a (various online sources)	NA	\$12,000.00
	PS 110	American Government	111	American Government	Open Stax	\$11,100.00
	TH 248	Introduction to Theater	76	Theatrical Worlds (Author: Mitchell)	University Press of Florida	\$7,600.00
<b>Totals</b>	<b>29</b>		<b>2513</b>			<b>\$251,300.00</b>
<b>Henry Ford</b>		No OER Usage Report Received				\$0.00
<b>Jackson</b>	ANT131	Cultural Anthropology	101	An Open Invitation to Cultural Anthropology,	<a href="http://www.perspectivesanthro.org">http://www.perspectivesanthro.org</a>	\$10,100.00
	BIO254	Human Anatomy and Physiology II	94	Anatomy and Physiology	Open Stax	\$9,400.00
	BIO253	Human Anatomy and Physiology I	30	Anatomy and Physiology	OpenStax	\$3,000.00
	BIO220	Microbiology	59	Microbiology: A Systems Approach	OpenStax	\$5,900.00
<b>Totals</b>	<b>4</b>		<b>284</b>			<b>\$28,400.00</b>
<b>Kalamazoo Valley</b>		No OER Usage Report Received				\$0.00
<b>Kellogg</b>	Comm 101	Intro to Comm	162	Communication in the Real World: An Introduction to Communication Studies	Open Textbook Library	\$16,200.00
	Engl 151	English	229	Rhetorical Modes	Lumen Learning	\$22,900.00

	Engl 152	English II	34	Rhetorical Modes	Lumen Learning	\$3,400.00
	Engr 256	Engineering	3			\$300.00
	Fren 102	French	5			\$500.00
	FYS 101	First Year Experience	266	First Year Experience	self authored	\$26,600.00
	GRDE 135	Graphic Design	11	collection of internet sites		\$1,100.00
	GRDE 145	Graphic Design	16	collection of internet sites		\$1,600.00
	Hist 103	Amer History 1	85	American Yawp	Stanford University Press	\$8,500.00
	Hist 104	Amer History 2	102	American Yawp	Stanford University Press	\$10,200.00
	Hist 250	African History	3			\$300.00
	HUSE 220	Human Services	33		self authored	\$3,300.00
	Physic 111	Physics 1	16	College Physics	OpenStax	\$1,600.00
	Physic 112	Physics 2	11	College Physics	OpenStax	\$1,100.00
	Physic 222	Physics for Scientists and Engineers 2	9	College Physics	OpenStax	\$900.00
	POSC 211	Political Science	20	collection of internet sites		\$2,000.00
	TSEN 95	Transitional English	32			\$3,200.00
<b>Totals</b>	<b>17</b>		<b>1037</b>			<b>\$103,700.00</b>
<b>Kirtland</b>	BIO 107	Essentials of Anatomy & Physiology	11	Anatomy & Physiology	Open Stax	\$1,100.00
	BIO 250	Human Anatomy	15	Anatomy & Physiology	Open Stax	\$1,500.00
	GEO 100	World Geography	7	World Regional Geography	Open Textbook Library	\$700.00
	MTH 206	Statistics	28	1. Online Statistics Education: An Interactive Multimedia Course of Study AND 2. Introductory Statistics	1 .pdf - <a href="http://onlinestatbook.com/2/index.html">http://onlinestatbook.com/2/index.html</a> AND 2. Open Stax	\$2,800.00
	POL 101	Intro to American Government	4	American Government	Florida Atlantic University	\$400.00
<b>Totals</b>	<b>5</b>		<b>131</b>			<b>\$13,100.00</b>
<b>Lake Michigan</b>		No OER Usage Report Received				\$0.00
<b>Lansing</b>	ACAD 101	First Year Experience	13	LCC Faculty Created	See instructor for textbook information	\$1,300.00
	BIOL 121	Biol Foundation for Physiology	78	Concepts of Biology	<a href="https://openstax.org/details/books/concepts-biology">https://openstax.org/details/books/concepts-biology</a>	\$7,800.00
	BIOL 127	Cell Biology	21	Biology	<a href="https://openstax.org/details/books/biology">https://openstax.org/details/books/biology</a>	\$2,100.00
	BIOL 128	Organismal Biology	18	Biology	<a href="https://openstax.org/details/books/biology">https://openstax.org/details/books/biology</a>	\$1,800.00

	BIOL 201	Human Anatomy	77	Human Anatomy & Physiology	<a href="https://openstax.org/details/books/anatomy-and-physiology">https://openstax.org/details/books/anatomy-and-physiology</a>	\$7,700.00
	BIOL 270	Human Genetics	9	Biology	<a href="https://openstax.org/details/books/anatomy-and-physiology">https://openstax.org/details/books/anatomy-and-physiology</a>	\$900.00
	BUSN 118	Introduction to Business	92	Lumen Learning Introduction to Business	<a href="#">Introduction to Business (Lumen Learning)</a>	\$9,200.00
	CHEM 161	General Chemistry Lab I	33	LCC Faculty Created	See instructor for textbook information	\$3,300.00
	CHEM 162	General Chemistry Lab II	15	LCC Faculty Created	See instructor for textbook information	\$1,500.00
	ECON 201	Principles of Economics-Microeconomics	145	Principles of Economics	<a href="https://openstax.org/details/books/principles-economics">https://openstax.org/details/books/principles-economics</a>	\$14,500.00
	ECON 202	Principles of Economics-Macroeconomics	79	Principles of Economics	<a href="https://openstax.org/details/books/principles-economics">https://openstax.org/details/books/principles-economics</a>	\$7,900.00
	ENGL 098	Integrated Reading Writing I	15	LCC Faculty Created	See instructor for textbook information	\$1,500.00
	ENGL 099	Integrated Reading Writing II	36	LCC Faculty Created	See instructor for textbook information	\$3,600.00
	ENGL 121	Composition I	32	Writing Spaces	<a href="#">Writing Spaces, Vol. I</a>	\$3,200.00
	ESOL 070	Reading and Speaking Level 2	15	LCC Faculty Created	See instructor for textbook information	\$1,500.00
	ESOL 075	Grammar and Writing Level 2	9	LCC Faculty Created	See instructor for textbook information	\$900.00
	ESOL 090	Reading and Speaking Level 3	17	LCC Faculty Created	See instructor for textbook information	\$1,700.00
	ESOL 095	Grammar and Writing Level 3	21	LCC Faculty Created	See instructor for textbook information	\$2,100.00
	FREN 121	Elementary French I	22	LCC Faculty Created	See instructor for textbook information	\$2,200.00
	FREN 122	Elementary French II	9	LCC Faculty Created	See instructor for textbook information	\$900.00
	GRMN 121	Elementary German I	12	LCC Faculty Created	See instructor for textbook information	\$1,200.00
	GRMN 122	Elementary German II	9	LCC Faculty Created	See instructor for textbook information	\$900.00
	HIST 211	U.S. History to 1877	65	American Yawp	<a href="http://www.americanyawp.com/">http://www.americanyawp.com/</a>	\$6,500.00
	HIST 212	U.S. History: 1877 to Present	83	American Yawp	<a href="http://www.americanyawp.com/">http://www.americanyawp.com/</a>	\$8,300.00
	HUMS 212	Art History from the Renaissance	16	Smarthistory.org	<a href="https://smarthistory.org/">https://smarthistory.org/</a>	\$1,600.00
	MGMT 228	Organization Behavior	30	Organizational Behavior	<a href="http://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=30">http://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=30</a>	\$3,000.00
	PHIL 151	Intro to Logic & Critical Thinking	51	LCC Faculty Created	<a href="#">Intro to Logic &amp; Critical Thinking</a>	\$5,100.00
	PHIL 211	Philosophy: Ancient and Medieval	17	Faculty created	See instructor for textbook information	\$1,700.00

	PSYC 200	Introduction to Psychology	212	Psychology	<a href="https://openstax.org/details/books/psychology">https://openstax.org/details/books/psychology</a>	\$21,200.00
	PSYC 202	Psychology of Personality	44	LCC Faculty Created	<a href="https://www.oercommons.org/courses/personality-theory-a-multicultural-perspective">https://www.oercommons.org/courses/personality-theory-a-multicultural-perspective</a>	\$4,400.00
	PSYC 203	Social Psychology	30	Principles of Social Psychology	<a href="https://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=76">https://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=76</a>	\$3,000.00
	PSYC 205	Human Growth and Development	68	OER Materials from NOBA and Lumen Learning	<a href="https://drive.google.com/open?id=0B3J5c1Fg33-udHR4VHVhdmUzUUU">https://drive.google.com/open?id=0B3J5c1Fg33-udHR4VHVhdmUzUUU</a>	\$6,800.00
	PSYC 250	Abnormal Psychology	29	Abnormal Psychology (Northern Michigan College)	<a href="#">PSYC 250: Abnormal Psychology LibGuide</a>	\$2,900.00
	RELG 150	Intro to World Religions	65	LCC Faculty Created	LCC Faculty Created	\$6,500.00
	SOCL 120	Introduction to Sociology	186	<a href="https://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=38">https://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=38</a>	Open Textbook Library	\$18,600.00
	SPAN 121	Elementary Spanish I	80	LCC Faculty Created	See instructor for textbook information	\$8,000.00
	SPAN 122	Elementary Spanish II	21	LCC Faculty Created	See instructor for textbook information	\$2,100.00
	SPAN 202	Intermediate Spanish II	14	LCC Faculty Created	See instructor for textbook information	\$1,400.00
<b>Totals</b>	<b>38</b>		<b>1788</b>			<b>\$178,800.00</b>
<b>Macomb</b>		No OER Usage Report Received				\$0.00
<b>Mid Michigan</b>	SPE.101	Fund. of Communication	56	Various OER Materials		\$5,600.00
	PSC.101	Intro to Astronomy	19	Astronomy	OpenStax	\$1,900.00
	PSY.101	Intro to General Psychology	74	Psychology	OpenStax	\$7,400.00
	SPN.101	Elementary Spanish	11	Various OER Materials		\$1,100.00
	SOC.101	Principles of Sociology	48	Sociology 2e	OpenStax	\$4,800.00
	AAP.264	Business Communication II	18	Communication in the Real World: An Introduction to Communication Studies	University of Minnesota Libraries Publishing	\$1,800.00
	MAT.212	Probability/Statistics	73	Statistics	OpenStax	\$7,300.00
	MAT.101	Basic Mathematics	9	faculty authored OER		\$900.00
	MAT.105	Intermediate Algebra	45	faculty authored OER		\$4,500.00
	MAT.104	Basic Algebra	55	faculty authored OER		\$5,500.00
	MID.150	Career Readiness	1	various OER Materials		\$100.00
	PHY.211	University Physics I	6	University Physics Vol. 1	OpenStax	\$600.00
<b>Totals</b>	<b>12</b>		<b>415</b>			<b>\$41,500.00</b>
<b>Monroe</b>		No OER Usage Report Received				\$0.00
<b>Montcalm</b>		No OER Usage Report Received				\$0.00



<b>Mott</b>	SOCY-191	Introduction to Sociology	161	Sociology	OpenStax	\$16,100.00
	SOCY-194	Human Sexuality	13	Instructor provided materials	Instructor provided materials	\$1,300.00
	HIST-154	US History to 1877	22	US History	OpenStax	\$2,200.00
	HIST-155	US History 1877-Present	39	US History	OpenStax	\$3,900.00
	ENGL-101	English Composition I	56	Various instructor selected open and library resources	Various instructor selected open and library resources	\$5,600.00
	ENGL-102	English Composition II	84	Various instructor selected open and library resources	Various instructor selected open and library resources	\$8,400.00
	ANTH-211	Cultural Anthropology	15	Forensic Science	Instructor adapted materials	\$1,500.00
	PSCN-170	Intro to American Government	25	American Government	OpenStax	\$2,500.00
	ART.-110	Art Appreciation	38	Instructor modified Materials		\$3,800.00
	MATH-140	Trigonometry	13	Portions of Algebra and Trigonometry	OpenStax	\$1,300.00
<b>Totals</b>	<b>10</b>		<b>466</b>			<b>\$46,600.00</b>
<b>Muskegon</b>	ENG 101	English Composition	37	English 101 Rhetoric and Composition	Open Stax	\$3,700.00
	ENG 091	Introduction to English Composition	8	The Writer's Roadmap	Instructor Provided Materials	\$800.00
<b>Totals</b>	<b>2</b>		<b>45</b>			<b>\$4,500.00</b>
<b>North Central</b>		No OER Usage Report Received				\$0.00
<b>Northwestern</b>	ART 100	Art Appreciation	41			\$4,100.00
	COM 111	Public Speaking	12			\$1,200.00
	ENG 111	English Composition	14	One instructor uses the following resources: <a href="https://owl.excelsior.edu/">https://owl.excelsior.edu/</a> <a href="https://courses.lumenlearning.com/readinganthology/">https://courses.lumenlearning.com/readinganthology/</a>	Lumen Learning	\$1,400.00
	ENG 112	English Composition	19	One instructor uses the following resources: <a href="https://owl.excelsior.edu/">https://owl.excelsior.edu/</a> <a href="https://courses.lumenlearning.com/readinganthology/">https://courses.lumenlearning.com/readinganthology/</a>	Lumen Learning	\$1,900.00
	ENG 241	World Mythology	20			\$2,000.00
	HST 112	U.S. History since 1865	14	U.S. History	OpenStax	\$1,400.00
	MKT 201	Principles of Marketing	20			\$2,000.00
	MTH 121	College Algebra	16	Custom assemblage of several OER texts from the following site: <a href="http://www.stitz-zeager.com/">http://www.stitz-zeager.com/</a>	Stitz Zeager Open Source Mathematics	\$1,600.00
	MTH 122	Trigonometry	19	Custom assemblage of several OER texts: Algebra and Trigonometry (OpenStax) and <a href="http://www.stitz-zeager.com/">http://www.stitz-zeager.com/</a>	OpenStax; Stitz Zeager Open Source Mathematics	\$1,900.00
	PSY 101	Introduction to Psychology	43	Psychology	OpenStax	\$4,300.00
	SOC 101	Introduction to Sociology	58	Sociology: Understanding and Changing the Social World	University of Minnesota - open textbook library	\$5,800.00
	PSY 250	Abnormal Psychology	27	Libguide consisting of a mix of instructor-created, open, and library licensed materials. ( <a href="http://nmc.libguides.com/abnormalpsych">http://nmc.libguides.com/abnormalpsych</a> )	-	\$2,700.00

	ENG 111	English Composition	11	They Say, I Say : The Moves that Matter in Academic Writing by Graff		\$1,100.00
	HST 111	U.S. History to 1865	21	Outline of U.S. History: The Story of US (self-authored); John Adams HBO DVD	Self-authored	\$2,100.00
	HST 213	American Women's History	19	Born for Liberty by Sara Evans		\$1,900.00
	HST 230	A History of Michigan	22			\$2,200.00
	PHL 105	Critical Thinking	17	Making Your Mind Matter by Vincent Ruggiero		\$1,700.00
<b>Totals</b>	<b>17</b>		<b>393</b>			<b>\$39,300.00</b>
<b>Oakland</b>		No OER Usage Report Received				\$0.00
<b>Schoolcraft</b>	HUM 106	Introduction to Art and Music	92	various free internet sources	n/a	\$9,200.00
	HIST 134	Ancient World	80	various free internet sources	n/a	\$8,000.00
	HIST 153	Contemporary America - U.S. History	47	American History	Ushistory.org	\$4,700.00
	ENG 102	English Composition II	265	various free internet sources	n/a	\$26,500.00
	HIST 151	Early America - U.S. History	56	American History	Ushistory.org	\$5,600.00
	MATH 047	Prealgebra	21	Prealgebra	OpenStax, Lumen Learning	\$2,100.00
	MATH 111	Applications of Math	58	Collection of Math in Society, Pre Algebra, Beginning and Intermediate Algebra, Applied Finite Mathematics, Internet resources.	David Lippman, OpenStax, Tyler Wallace, Open Source, OpenStax	\$5,800.00
	ENG 200	Introduction to Film	30	Exploring Movie Construction & Production: What's so exciting about movies?	OpenSUNY Textbooks	\$3,000.00
	POLS 105	Survey of American Government	55	American Government	OpenStax	\$5,500.00
	PHYS 104	Introduction to Astronomy	25	Astronomy Education at the University of Nebraska-Lincoln	Kevin Lee, et. Al.	\$2,500.00
	CAB 102	Student Success and Career Development	65	Various Resources: pd, Six Steps to Job Search Success, CAB 100 Student Success Seminar Resource Workbook, College Success	pd, Saylor Foundation, Schoolcraft College, University of Minnesota	\$6,500.00
	HIST 137	Early Modern World	21	various free internet sources	n/a	\$2,100.00
	MATH 122	Elementary Statistics	112	Online Statistics Education: A Multimedia Course of Study	David Lane (Rice University)	\$11,200.00
<b>Totals</b>	<b>13</b>		<b>927</b>			<b>\$92,700.00</b>
<b>Southwestern</b>	Biol 098	Cell biology for health careers	6	Concepts of biology	Openstax	\$600.00
	Biol 214	Basic human anatomy	27	Anatomy & Physiology	Openstax	\$2,700.00
	Biol 215	Principles of human physiology	29	Anatomy & Physiology	Openstax	\$2,900.00
<b>Totals</b>	<b>3</b>		<b>62</b>			<b>\$6,200.00</b>
<b>St. Clair</b>	BIO 110	Cell Biology Basics	15	Concepts of Biology	OpenStax	\$1,500.00
	BIO 160	Human Biology	17	Essentials of Anatomy & Physiology	Library purchased Ebook	\$1,700.00
	BIO 271	Human Anatomy & Physiology I	34	Anatomy & Physiology	Openstax	\$3,400.00

	BIO 272	Human Anatomy & Physiology II	29	Anatomy & Physiology	Openstax	\$2,900.00
	ENG 102	English Composition II	33	English Composition II	Lumen	\$3,300.00
	ENG 202	Creative Writing	7	Instructor & Library compiled materials		\$700.00
	HE 210	Health Care Delivery Systems	21	Jonas' Introduction to the US health care system	Library purchased Ebook	\$2,100.00
	ENG 231	World Literature II	6	Instructor & Library compiled materials		\$600.00
<b>Totals</b>	<b>8</b>		<b>162</b>			<b>\$16,200.00</b>
<b>Washtenaw</b>	BIO 101/102	Concepts of Biology/ Human Biology	264	Concepts of Biology	Open Stax	\$26,400.00
	BIO 109/111	Essentials of Human Anatomy and Physiology / Anatomy and Physiology - Normal Structure and Function	144	BIO 109/ 111 Lab Manual	S. Dentel	\$14,400.00
	BIO 237	Microbiology	120	Microbiology	Open Stax	\$12,000.00
	BMG 111	Business Law	180	Business Law@WCC	Xanedu?	\$18,000.00
	BMG 140	Introduction to Business	150	Introduction to Business	Xanedu?	\$15,000.00
	BMG 207	Business Communication	150			\$15,000.00
	CEM 101	Introductory Chemistry and Lab	96	Flat World - Flatworldknowledge.com		\$9,600.00
	CEM 111/122	General Chemistry I / General Chemistry II	168	Chemistry	Open Stax	\$16,800.00
	CEM 140	Organic Biochemistry & Lab	48	BASICS OF GENERAL, ORG AND BIOCHEM (OER		\$4,800.00
	COM 101	Fundamentals of Speaking	100	The Public Speaking Project		\$10,000.00
	COM 102	Interpersonal Communication	240	Improving Interpersonal Communication		\$24,000.00
	COM 225	Intercultural Communication	30	Intercultural Communication for Personal, Professional and Civic Life		\$3,000.00
	CPS 161	Introduction to programming with C++	90			\$9,000.00
	CPS 171	Introduction to Programming with Java	84			\$8,400.00
	CPS 271	Object Features of C++	30			\$3,000.00
	CPS 272	Data Structures with C++	30			\$3,000.00
	ENG 226	Composition II	240	Argumentative Writing		\$24,000.00
	ESL 128	English as a Second Language	22			\$2,200.00
	GLG 114	Physical Geology	48	<a href="#">Physical Geology</a>	OpenText BC	\$4,800.00
	MTH 067	Foundations of Mathematics	110			\$11,000.00
	MTH 191/192	Calculus 1 and 2	240	Calculus	Open Stax	\$24,000.00
	NUR 115	Pharmacology	144	Nursing 233 Pharmacology	Instructor OER	\$14,400.00
	PSY 100	Introductino to Psychology	240	Psychology	Open Stax	\$24,000.00
<b>Totals</b>	<b>23</b>		<b>2968</b>			<b>\$296,800.00</b>
<b>Wayne County</b>		No OER Usage Report Received				\$0.00

<b>West Shore</b>	BUS 100	Introduction to Business	9	Introduction to Business	OpenStax	\$900.00
	SOC 171	Introduction to Sociology	20	Introduction to Sociology	OpenStax	\$2,000.00
	CIS 110	Intro to Computer Concepts	7	Introduction to Computer Applications and Concepts	Lumen Learning	\$700.00
	CIS 200	C++ Programming	9	No book	None	\$900.00
	MTH 151	College Algebra	1	College Algebra	Self-published (Stitz & Zeager)	\$100.00
	ART 113	Art for Elementary Teachers	15	No book	None	\$1,500.00
	MTH 121	Intermediate Algebra	10	Beginning and Intermediate Algebra, Second Edition	Self-published (Wallace)	\$1,000.00
	MTH 123	Introduction to Statistics	6	Statistics With Technology, Second Edition	Self-published (Kozak)	\$600.00
<b>Totals</b>	<b>8</b>		<b>77</b>			<b>\$7,700.00</b>
<b>Totals</b>	<b>207</b>		<b>11,869</b>			<b>\$1,186,900.00</b>