



Tab 2

Certification of Performance on Performance Measures

Coordinating Board for Higher Education
January 21, 2020

BACKGROUND

The Coordinating Board certified results for five of the six performance measures at its December meeting. The graduate outcomes measure, however, is not available for the current year by December because the public universities follow a national protocol for follow-up on the past academic year's completers. The First Destination Survey is published by the National Association of Colleges and Employers (NACE), and NACE protocol directs that institutions be given until December 30 following the academic year to determine the status of graduates.

Complete data are now available from the public universities and community and technical colleges, and are summarized in the attachment. Priority measures for recommended funding are also summarized below.

CURRENT STATUS

Each sector reports graduate outcomes by a methodology that reflects their differentiation, accounts for effectively all undergraduate completers, and has been previously vetted by Department of Higher Education and Workforce Development (DHEWD) staff and approved by the Coordinating Board.

- Public Universities: Administer the NACE First Destination Survey to bachelor's and associate's degree completers. Completers are marked successful if employed full-time, participating in a voluntary service program (e.g. the Peace Corps), serving in the military, or enrolled in continuing education within six months of graduation.
- Community Colleges and MSU-West Plains: Completers are marked successful if competitively employed, serving in the military, or found in state wage records within six months of graduation, or enrolled in continuing education within 12 months of graduation.
- State Technical College: Completers are marked successful if competitively employed, serving in the military, or enrolled in continuing education within six months of graduation.

Community and technical colleges report a prior academic year (2017-18) due to data methodology and timelines necessary for follow-up. All sectors are required to account for at least 60 percent of graduates and to have at least 75 percent counted as successful in order to succeed on the measure.

Of the six total performance funding measures, the DHEWD worked with sectors in 2018 to select three "priority" measures for recommended funding. These recommendations were intended to highlight workforce-related measures, and are carried forward for the FY 2021 budget.

- Public Universities: Completions per FTE student, pass rates on assessment or professional licensure exams, and graduate outcomes
- Community Colleges and MSU-West Plains: Three-year graduation and transfer rate, pass rates on professional licensure exams, and graduate outcomes
- State Technical College: Three-year graduation rate, major field assessment pass rate, and graduate outcomes

DHEWD staff continue to collect data on all measures in the event of questions from legislators or other stakeholders, and for purposes of continuity of the framework. Results on all measures are summarized in the Attachment.

NEXT STEPS

DHEWD staff will provide final results to the Office of Budget and Planning.

RECOMMENDATION

Staff recommend that the Coordinating Board approve and certify performance measures as reported by the institutions and summarized in the attachment.

ATTACHMENT

- 2020 Performance Measure Results

2019 Performance Measure Results Community Colleges

	Crowder College	East Central College	Jefferson College	Metropolitan Community College	Mineral Area College	Missouri State University-West Plains	Moberly Area Community College	North Central Missouri College	Ozarks Technical Community College	St. Charles Community College	St. Louis Community College	State Fair Community College	Three Rivers College
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Three-Year Graduation and Transfer Rate

Fall 2012-Fall 2014	39.5%	36.6%	39.6%	38.6%	41.4%	30.1%	41.5%	50.1%	41.1%	39.1%	27.5%	43.4%	33.4%
Fall 2013-Fall 2015	40.6%	39.5%	39.8%	38.1%	46.0%	33.9%	42.8%	53.4%	42.8%	40.7%	30.1%	44.3%	35.0%
Top third of peers	46.3%	46.3%	46.3%	46.3%	46.3%	46.3%	46.3%	46.3%	46.3%	46.3%	46.3%	46.3%	46.3%
In top third of peers								✓	✓	✓	✓	✓	✓
Improved	✓	✓	✓		✓	✓ (Y2Y)	✓	✓	✓	✓	✓	✓	✓
Did not improve, not in top third of peers				✓									

Percent of Attempted Courses Successfully

Fall 2014-Fall 2016	77.4%	75.3%	76.0%	70.6%	85.3%	72.2%	74.8%	83.4%	71.4%	74.0%	69.5%	78.0%	75.6%
Fall 2015-Fall 2017	79.4%	75.8%	77.5%	71.0%	85.8%	73.7%	76.1%	83.1%	70.5%	73.7%	70.5%	78.9%	76.9%
Top third of peers	78.8%	78.8%	78.8%	78.8%	78.8%	78.8%	78.8%	78.8%	78.8%	78.8%	78.8%	78.8%	78.8%
In top third of peers					✓			✓				✓	✓
Improved	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Did not improve, not in top third of peers									✓	✓			

Pass Rates on Professional Licensure Exams

Fall 2016-Fall 2018	99.2%	98.3%	91.8%	91.8%	95.1%	95.2%	93.6%	96.4%	97.2%	94.0%	95.6%	95.2%	86.8%
Fall 2017-Fall 2019	98.9%	98.0%	93.0%	95.9%	96.0%	96.9%	92.3%	96.6%	97.8%	97.8%	94.6%	97.0%	87.8%
Benchmark	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%
Meets or exceeds benchmark	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Improved			✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Did not improve, not at benchmark													

Non-Core Expenditures as a Percent of Total Expenditures

Fall 2014-Fall 2016	10.7%	23.1%	32.8%	23.6%	15.7%	32.0%	13.8%	42.2%	11.7%	17.4%	24.5%	26.1%	19.2%
Fall 2015-Fall 2017	11.8%	24.8%	35.8%	24.2%	16.1%	30.8%	14.1%	37.4%	12.9%	18.3%	23.7%	27.6%	19.1%
Top third of peers	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%
In top third of peers	✓				✓		✓		✓				✓
Improved						✓		✓			✓		✓
Did not improve, not in top third of peers		✓	✓	✓						✓		✓	

Tuition and Fees as a Percent of Median Family Income

Fall 2014-Fall 2016	7.3%	6.3%	5.2%	5.0%	7.1%	7.4%	6.8%	7.3%	8.1%	4.6%	5.8%	7.1%	8.6%
Fall 2015-Fall 2017	7.3%	6.4%	5.3%	5.0%	7.1%	7.5%	6.8%	7.6%	8.5%	4.6%	5.8%	7.3%	9.3%
Median of peers	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%
Below national median		✓	✓	✓	✓		✓			✓	✓		
Improved													
Did not improve, above national median	✓					✓		✓	✓			✓	✓

Graduate Outcomes

2014-2015 to 2016-2017	88.6%	93.6%	88.8%	88.5%	94.7%	92.0%	91.1%	93.2%	90.0%	94.4%	85.3%	88.2%	88.6%
2015-2016 to 2017-2018	91.3%	93.7%	88.3%	89.6%	94.1%	92.3%	92.6%	94.5%	90.3%	92.8%	86.1%	89.9%	89.7%
Benchmark	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
At or above benchmark	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Improved	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Did not improve, not at benchmark													

Community College Totals

Measures Made	3/3 priority 5/6 overall	3/3 priority 5/6 overall	3/3 priority 5/6 overall	2/3 priority 4/6 overall	3/3 priority 6/6 overall	3/3 priority 5/6 overall	3/3 priority 6/6 overall	3/3 priority 5/6 overall	3/3 priority 4/6 overall	3/3 priority 4/6 overall	3/3 priority 6/6 overall	3/3 priority 4/6 overall	3/3 priority 5/6 overall
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2019 Performance Measure Results Public Universities and State Technical College

Harris-Stowe State University	Lincoln University	Missouri State University	Missouri Southern State University	Missouri Western State University	Northwest Missouri State University	Southeast Missouri State University	University of Central Missouri	Truman State University	University of Missouri System	State Technical College
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Completions Per Full-Time Equivalent Student

FY 2015-FY 2017	18.2	24.0	33.0	35.8	31.0	37.7	29.8	50.5	33.4	40.4
FY 2016-FY 2018	19.3	25.4	33.9	37.9	31.4	37.4	31.0	52.1	33.4	42.0
Benchmark	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Meets or exceeds benchmark		✓	✓	✓	✓	✓	✓	✓	✓	✓
Improved	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Did not improve, not at benchmark										

Completions Per FTE

FY 2015-FY 2017	66.2
FY 2016-FY 2018	67.3
Benchmark	25.0
Meets or exceeds benchmark	✓
Improved	✓
Did not improve, not at benchmark	

Pass Rates on Learning Assessments or Professional Licensure Exams

FY 2016-FY 2018	19.3%	25.3%	100.0%	96.2%	55.5%	74.5%	89.4%	68.5%	75.3%	94.6%
FY 2017-FY 2019	16.8%	34.7%	100.0%	95.3%	54.5%	71.2%	92.9%	68.8%	76.3%	94.4%
Benchmark	50.0%	50.0%	90.0%	90.0%	50.0%	60.0%	90.0%	60.0%	70.0%	90.0%
Meets or exceeds benchmark			✓	✓	✓	✓	✓	✓	✓	✓
Improved		✓ (Y2Y / W)					✓	✓	✓	
Did not improve, not at benchmark	✓									

Graduation Rate

Fall 2011-Fall 2013	62.6%
Fall 2012-Fall 2014	66.4%
Top Third of Peers	
At or above top third	
Improved	✓
Did not improve, not at benchmark	

Percent of Total Expenditures on Core Mission

FY 2014-FY 2016	48.3%	60.0%	68.3%	58.7%	64.2%	62.8%	61.9%	65.5%	68.9%	73.4%
FY 2015-FY 2017	48.5%	58.4%	68.2%	59.2%	65.3%	62.5%	62.0%	64.7%	68.6%	72.7%
Top third of peers	58.0%	56.4%	62.6%	61.2%	60.1%	60.1%	60.4%	62.8%	61.5%	70.6%
At or above top third		✓	✓		✓	✓	✓	✓	✓	✓
Improved	✓			✓	✓		✓			
Did not improve, not in top third of peers										

Major Field Assessment Pass Rate

FY 2016-FY 2018	88.1%
FY 2017-FY 2019	87.8%
Benchmark	60.0%
Meets or exceeds benchmark	✓
Improved	
Did not improve, not at benchmark	

Change in Salary Expenditures Compared to Median Household Income

Change in salaries exp. per FTE, FY15-17 to 16-18	-.3%	3.3%	-1.0%	-2.3%	5.0%	3.1%	2.6%	4.2%	-1.5%	1.4%
Change in Median Household Income (MHI)	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%
Salary expenditures did not increase	✓		✓	✓					✓	
Salary expenditures grew more slowly than MHI	✓		✓	✓			✓		✓	✓
Salary expenditures increased and faster than MHI		✓			✓	✓		✓		

Core as a Percent of Total Expenditures

FY 2014-FY 2016	70.6%
FY 2015-FY 2017	70.6%
Benchmark	60.8%
At or above top third	✓
Improved	
Did not improve, not at benchmark	

Net Tuition Revenue per Full-Time Equivalent Student Compared to Median Household Income

Net Tuition Revenue/FTE, FY 2015-FY 2017	\$4,619	\$6,544	\$6,967	\$5,719	\$6,737	\$5,853	\$6,106	\$7,147	\$4,914	\$9,452
Net Tuition Revenue/FTE, FY 2016-FY 2018	\$4,678	\$6,727	\$7,084	\$5,770	\$6,754	\$6,330	\$6,214	\$7,235	\$4,807	\$9,668
Change in Net Tuition Revenue/FTE	1.3%	2.8%	1.7%	0.9%	0.2%	8.1%	1.8%	1.2%	-2.2%	2.3%
Change in MHI	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%
Net tuition revenue decreased									✓	
New tuition grew more slowly than MHI	✓		✓	✓	✓		✓	✓	✓	✓
Net tuition increased and faster than MHI		✓				✓				

Tuition & Fees as a Percent of Median Family Income

FY 2015-FY 2017	11.3%
FY 2016-FY 2018	11.1%
Median of peers	
Meets or exceeds benchmark	
Improved	✓
Did not improve, not at benchmark	

Graduate Outcomes

2015-2016 to 2017-2018	76.1%	74.2%	77.4%	76.3%	80.2%	86.3%	77.7%	86.4%	77.9%	80.7%
2016-2017 to 2018-2019	76.1%	78.1%	83.0%	80.8%	79.0%	88.4%	80.0%	85.9%	78.1%	84.9%
Benchmark	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
At or above benchmark	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Improved		✓		✓		✓	✓		✓	✓
Did not improve, not at benchmark										

Graduate Outcomes

FY 2015-FY 2017	96.4%
FY 2016-FY 2018	97.3%
Benchmark	75.0%
Meets or exceeds benchmark	✓
Improved	✓
Did not improve, not at benchmark	

Public University and State Technical College Totals

Measures Made	2/3 priority 5/6 overall	3/3 priority 4/6 overall	3/3 priority 6/6 overall	3/3 priority 6/6 overall	3/3 priority 5/6 overall	3/3 priority 4/6 overall	3/3 priority 6/6 overall	3/3 priority 5/6 overall	3/3 priority 6/6 overall	3/3 priority 6/6 overall	3/3 priority 6/6 overall	3/3 priority 6/6 overall 0 TBD
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