

University Performance Funding Formula

Perry Zielak, Fiscal Analyst

October 2017

University Operations Funding

The Constitution does not specify how funding is to be distributed among universities.

The legislature annually appropriates funds for individual universities, a process that in recent years has included the use of a performance funding formula to allocate the total increase (or decrease) in state appropriations for university operations. The formula is specified in annual budget act language.

Each university's operations funding currently consists of a baseline amount, which is the total amount appropriated in the prior year, plus a performance funding adjustment.

		Proportional to FY 2010-11 Performance Funding Proportional to Share of Total					Performance Funding Scored vs. National Carnegie Peers											
	% of formula:	50.0%	%	11.1% 5.6%			33.3%											
I	Funding per unit:	\$0.0099 pe	er dollar	\$184.29 per c	completion	\$0.0012 per	\$6.34 per weighted point											
											%							
				Critical						Instl.	Students		Total FY			*Total		
	FY 2016-17			Skills		Research &		6-year	Su	upport	Receiving		2016	FYES-		Performance	Initial Enacted	
	Year-to-Date	FY 2010-11		Undergrad		Development		Grad To	otal a	is % of	Pell	Total	Undergrad	Weighted		Funding	FY 2017-18	Percent
	Appropriation	Appropriation	Funding	Completions	Funding	Expenditures	Funding	Rate Degr	es Exp	pends.	Grant	Points	FYES	Points	Funding	Increase	Appropriation	Change
Michigan State	\$275,862,100	\$283,685,200	\$2,796,217	2,967	\$546,758	\$328,397,061	\$402,143	2	3	2	0	7	36,765	257,355	\$1,631,916	\$5,377,000	\$281,239,100	1.9%
UM-Ann Arbor	308,639,000	\$316,254,500	3,117,245	3,033	558,932	\$701,964,000	859,599	3	3	2	0	8	27,880	223,041	1,414,327	\$5,950,100	314,589,100	1.9%
Wayne State	196,064,500	\$214,171,400	2,111,036	958	176,544	\$146,978,189	179,984	2	2	0	3	7	14,366	100,565	637,692	3,105,300	199,169,800	1.6%
Central	83,925,500	\$80,132,000	789,842	858	158,115	\$11,746,601	14,384	2	3	0	2	7	17,270	120,890	766,577	1,728,900	85,654,400	2.1%
Michigan Tech	48,097,500	\$47,924,200	472,377	922	169,898	\$52,321,902	64,071	3	2	2	0	7	5,595	39,168	248,370	954,700	49,052,200	2.0%
Western	107,440,900	\$109,615,100	1,080,450	1,102	202,988	\$16,982,080	20,796	0	2	2	2	6	16,603	99,616	631,677	1,935,900	109,376,800	1.8%
Eastern	73,593,800	\$76,026,200	749,372	901	166,040	\$3,160,633	3,870	0	3	2	2	7	14,798	103,585	656,842	1,576,100	75,169,900	2.1%
Oakland	49,920,700	\$50,761,300	500,342	1,214	223,628	\$8,744,299	10,708	2	2	2	0	6	15,258	91,548	580,516	1,315,200	51,235,900	2.6%
Grand Valley	68,227,900	\$61,976,400	610,887	1,350	248,864			3	3	2	0	8	19,957	159,657	1,012,401	1,872,200	70,100,100	2.7%
Saginaw Valley	29,114,000	\$27,720,700	273,236	465	85,692			2	2	2	0	6	7,706	46.233	293,171	652,100	29,766,100	2.2%
UM-Dearborn	24,803,300	\$24,726,200	243,720	438	80,624			2	2	2	2	8	5,801	46,411	294,295	618,600	25,421,900	2.5%
UM-Flint	22,549,300	\$20,898,000	205,987	581	107,069			0	2	2	2	6	5,241	31,446		512,500	23,061,800	2.3%
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Ferris	52,259,900	\$48,619,200	479,228	1,357	250,027			2	3	2	2	9	10,624	95,616	606,312	1,335,600	53,595,500	2.6%
Northern	46,279,200	\$45,140,300	444,937	562	103,510			2	3	2	0	7	6,978	48,846		858,200	47,137,400	1.9%
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Lake Superior	13,567,400	\$12,694,200	125,124	176	32,422			2	2	0	0	4	1,975	7,900	50,095	207,600	13,775,000	1.5%
•																		
TOTAL:	\$1,400,345,000	\$1,420,344,900	\$14,000,000	16,882	\$3,111,111	\$1,270,294,765	\$1,555,556	27	37	24	15	103	206,818	1,471,877	\$9,333,333	\$28,000,000	\$1,428,345,000	2.0%

Table 1: FY 2017-18 ENACTED APPROPRIATION DETAIL FOR UNIVERSITY OPERATIONS

Data Notes												
Component	Source	Years	Notes									
Critical skills undergrad completions	State HEIDI	FYs 2015-2016	STEM/health/etc.									
Research & develop expends	Federal IPEDS	FY 2015	Carnegie research universities only									
Six-year graduation rate	Federal IPEDS [^]	FYs 2011-2014	First-time, full-time degree seeking students									
Total degree completions	Federal IPEDS [^]	FYs 2011-2014	Includes graduate degrees									
Inst support as % of core expends	Federal IPEDS [^]	FYs 2011-2014	Measure of administrative costs									
Pell grant students	Federal IPEDS [^]	FYs 2012-2014	Federal need-based aid for undergrads									
Undergrad FYES	State HEIDI	FY 2016	Includes nonresident students									
	^ via Business Leaders for Michigan and Anderson Economic Group											

Scoring Based on Carnegie Peers								
Top 20% nationally	3							
Above national median	2							
mproving over 3 years	2							

*Requirements to receive funding increase:

1. Restrain FY 2017-18 resident undergraduate tuition/fee rate increase to 3.8% or \$475 (whichever is greater)

2. Participate in at least three reverse transfer agreements with community colleges

3. Maintain a dual enrollment credit policy that does not consider whether credits were used toward high school graduation

4. Actively participate in and submit timely updates to the Michigan Transfer Network

FY 2017-18 Performance Funding

Since FY 2012-13, funding increases have been based on a performance funding model that has undergone some modification each year. The formula specifies the percentage of total performance funding that is distributed under each of several metrics.

FY 2017-18 Formula Component	% of Performance Funding	FY 2017-18 Amount
Proportional to each university's share of total operations funding in the baseline year of FY 2010-11	50.0%	\$14.0 million
Undergraduate degree completions in critical skills areas (generally STEM fields)	11.1%	\$3.1 million
Total R & D expenditures (applies to research universities only)	5.6%	\$1.6 million
Comparisons with Carnegie Classification peers or 3-year improvement, scored on four metrics:	33.3%	\$9.3 million
Six-year graduation rate		
Total degree completions		
 Institutional support (i.e., administration) as a percentage of core expenditures 		
Percentage of students receiving federal Pell grants		
Total Performance Funding	100%	\$28.0 million

Proportional to FY 2010-11 Funding

FY 2017-18 Formula Component	% of Performance Funding	FY 2017-18 Amount
Proportional to each university's share of total operations funding in the baseline year of FY 2010-11	50.0%	\$14.0 million

FY 2010-11 Funding	Percentage
\$283,685,200	20.0
\$316,254,500	22.3
\$214 171 400	15.1
\$80,132,000	5.6
\$47,924,200	3.4
\$109,615,100	7.7
\$76,026,200	5.4
\$50,761,300	3.6
\$61,976,400	4.4
\$27,720,700	2.0
\$24,726,200	1.7
\$20,898,000	1.5
\$48,619,200	3.4
\$45,140,300	3.2
\$12,694,200	0.9
\$1,420,344,900	100.0
	\$283,685,200 \$316,254,500 \$214,171,400 \$80,132,000 \$47,924,200 \$109,615,100 \$76,026,200 \$50,761,300 \$61,976,400 \$27,720,700 \$24,726,200 \$20,898,000 \$48,619,200 \$45,140,300 \$12,694,200

 Has appeared in the FY 2014-15, FY 2016-17, and FY 2017-18 Performance Formulas

Undergrad Degree Completions Critical Skills Areas

FY 2017-18 Formula Component	% of Performance Funding	FY 2017-18 Amount
Undergraduate degree completions in critical skills areas (generally STEM fields)	11.1%	\$3.1 million

- Based on number of undergraduate degrees and certificates in critical skills areas.
- Calculations based on two-year average (FY 2014-15 & FY 2015-16)
- Completions are weighted based on the following:
 - Bachelor's Degree 1.000
 - Associate's Degree 0.500
 - Certificates more than 1 0.375
 but less than 2 years
 - Certificates less than 1 yr 0.125
- Metric has been used since FY 2012-13 Formula.

Undergrad Degree Completions Critical Skills Areas

- Agriculture, Ag Operations, and Related Sciences
- Architecture
- Biological and Biomedical Sciences
- Communications Technologies/Technicians and Support Services
- Computer and Information Sciences and Support Services
- Construction Trades
- Engineering
- Engineering Technologies and Engineering-Related Fields
- Health Professions and Related Programs Sciences
- Mathematics and Statistics
- Mechanic and Repair Technologies/Technicians
- Military Technologies and Applied Sciences
- Natural Resources and Conservation
- Physical Sciences
- Precision Production
- Science Technologies/Technicians
- Transportation and Materials Moving

		Proportional to	FY 2010-11	Ferformance	e Funding Pro	portional to Share	e of Total	Performance Funding Scored vs. National Carnegie Peers										
	% of formula:		50.0% 11.1% 5.6%				33.3%											
	Funding per unit:	\$0.0099 pe	r dollar	\$184.29 per c	ompletion	\$0.0012 per	\$6.34 per weighted point										1	
											%							
				Critical							Students		Total FY			*Total		
	FY 2016-17			Skills		Research &		6-year		••	Receiving		2016	FYES-		Performance	Initial Enacted	
	Year-to-Date	FY 2010-11	Fundin	Undergrad	Funding.	Development	Euro din a	Grad	Total	as % of	Pell		Undergrad FYES	-	Fundin a	Funding	FY 2017-18	
	Appropriation	Appropriation	Fundin	Completions	Funding	Expenditures	Funding	Rate	Degrees	Expends.	Grant	Points	FTES	Points	Funding	Increase	Appropriation	Change
Michigan State	\$275,862,100	\$283,685,200	\$2,796,2 7	2,967	\$546,758	\$28,397,061	\$402,143	2	3	2	0	7	36,765	257,355	\$1,631,916	\$5,377,000	\$281,239,100	1.9%
UM-Ann Arbor	308,639,000	\$316,254,500	3,117,2 <mark>4</mark> 5	3,033	558,932	\$7 <mark>0</mark> 1,964,000	859,599	3	3	2	0	8	27,880	223,041	1,414,327	\$5,950,100	314,589,100	1.9%
Wayne State	196,064,500	\$214,171,400	2,111, <mark>1</mark> 36	958	176,544	\$1 <mark>-</mark> 6,978,189	179,984	2	2	0	3	7	14,366	100,565	637,692	3,105,300	199,169,800	1.6%
Central	83,925,500	\$80,132,000	789 <mark>,</mark> 42	858	158,115	\$ <mark>1,746,601 \$</mark>	14,384	2	3	0	2	7	17,270	120,890	766,577	1,728,900	85,654,400	
Michigan Tech	48,097,500	\$47,924,200	472 <mark>.</mark> 377	922	169,898	\$ <mark>5</mark> 2,321,902	64,071	3	2	2	0	7	5,595	39,168	248,370	954,700	49,052,200	2.0%
Western	107,440,900	\$109,615,100	1,080 <mark>,</mark> 150	1,102	202,988	\$ <mark>1</mark> 6,982,080	20,796	0	2	2	2	6	16,603	99,616	631,677	1,935,900	109,376,800	1.8%
Eastern	73,593,800	\$76,026,200	749,872	901	166,040	3,160,633	3,870	0	3	2	2	7	14,798	103,585	656,842	1,576,100	75,169,900	2.1%
Oakland	49,920,700	\$50,761,300	500 <mark>,</mark> 842	1,214	223,628	8,744,299	10,708	2	2	2	0	6	15,258	91,548	580,516	1,315,200	51,235,900	2.6%
Grand Valley	68,227,900	\$61,976,400	610, <mark>8</mark> 7	1,350	248,864			3	3	2	0	8	19,957	159,657	1,012,401	1,872,200	70,100,100	2.7%
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Saginaw Valley	29,114,000	\$27,720,700	273,236	465	85,692			2	2	2	0	6	7,706	46,233	293,171	652,100	29,766,100	2.2%
UM-Dearborn UM-Flint	24,803,300	\$24,726,200	243,7.0 205,987	438 581	80,624 107,069			2 0	2	2	2	8 6	5,801 5,241	46,411	294,295	618,600 512,500	25,421,900	
UM-FIIM	22,549,300	\$20,898,000	205,98	201	107,069			0	2	2	2	0	5,241	31,446	199,405	512,500	23,061,800	2.3%
Ferris	52,259,900	\$48,619,200	479,228	1,357	250,027			2	3	2	2	9	10,624	95,616	606,312	1,335,600	53,595,500	2.6%
Northern	46,279,200	\$45,140,300	444,937	562	103,510			2	3	2	2	3 7	6,978	48,846	309,738	858,200	47,137,400	
Northern	40,273,200	φ - 3,1 - 0,300	,557	502	100,010			2	5	2	0	'	0,570	40,040	505,750	030,200	47,107,400	1.570
Lake Superior	13,567,400	\$12.694.200	125.124	176	32,422			2	2	0	0	4	1.975	7,900	50,095	207,600	13,775,000	1.5%
Lane Capenor	10,001,100	¢.2,00 .,200	.20,.24	110	01, 112			2	-	0	0	-	.,570	.,000	00,000	201,000		
TOTAL:	\$1,400,345,000	\$1,420,344,900	\$14,000,000	16,882	\$3,111,111	\$1,270,294,765	\$1,555,556	27	37	24	15	103	206,818	1,471,877	\$9,333,333	\$28,000,000	\$1,428,345,000	2.0%
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Taby 2: FY 2017-18 ENACTED APPROPRIATION DETAIL FOR UNIVERSITY OPERATIONS

Data Notes			
<u>Component</u>	Source	Years	Notes
Critical skills undergrad completions	State HEIDI	FYs 2015-2016	STEM/health/etc.
Research & develop expends	Federal IPEDS	FY 2015	Carnegie research universities only
Six-year graduation rate	Federal IPEDS [^]	FYs 2011-2014	First-time, full-time degree seeking students
Total degree completions	Federal IPEDS [^]	FYs 2011-2014	Includes graduate degrees
Inst support as % of core expends	Federal IPEDS [^]	FYs 2011-2014	Measure of administrative costs
Pell grant students	Federal IPEDS [^]	FYs 2012-2014	Federal need-based aid for undergrads
Undergrad FYES	State HEIDI	FY 2016	Includes nonresident students
	^ via Busine	ess Leaders for M	ichigan and Anderson Economic Group

Scoring Based on Carnegie Peers								
Top 20% nationally	3							
Above national median	2							
Improving over 3 years	2							

*Requirements to receive funding increase:

1. Restrain FY 2017-18 resident undergraduate tuition/fee rate increase to 3.8% or \$475 (whichever is greater)

2. Participate in at least three reverse transfer agreements with community colleges

3. Maintain a dual enrollment credit policy that does not consider whether credits were used toward high school graduation

4. Actively participate in and submit timely updates to the Michigan Transfer Network

Research & Development Expenditures

FY 2017-18 Formula Component	% of Performance Funding	FY 2017-18 Amount
Total R & D expenditures (applies to research universities only)	5.6%	\$1.6 million

- Funding in this metric only applies to the 8 universities classified under the Carnegie Classification as "doctoral universities: moderate/higher/highest research activity."
- Data taken from Federal IPEDS database based on most recent year available (FY 2014-15).
- Metric has been used since FY 2012-13 Formula.

Proportional to FY 2010-11 Performance Funding Proport onal to Share of Tota								Performance Funding Scored vs. National Carnegie Peers										
	% of formula:	50.0%		11.1%		5.6%	0	33.3%										
1	Funding per unit:	\$0.0099 per	r dollar	\$184.29 per co	ompletion	\$0.0012 per	dollar	\$6.34 per weighted point										
											%							
				Critical						Instl.	Students		Total FY			*Total		
	FY 2016-17			Skills		Research &		6-yea	r	Support	Receiving		2016	FYES-		Performance	Initial Enacted	
	Year-to-Date	FY 2010-11		Undergrad		Development		Grad	l Total	as % of	Pell	Total	Undergrad	Weighted		Funding	FY 2017-18	Percent
	Appropriation	Appropriation	Funding	Completions	Funding	Expenditures	Funding	Rate	Degrees	Expends.	Grant	Points	FYES	Points	Funding	Increase	Appropriation	Change
Michigan State	\$275,862,100	\$283,685,200	\$2,796,217	2,967	\$546,758	\$328,397,061	\$402,143	2	2 3	2	0	7	36,765	257,355	\$1,631,916	\$5,377,000	\$281,239,100	1.9%
UM-Ann Arbor	308,639,000	\$316,254,500	3,117,245	3,033	\$540,108 558,132	\$701,964,000	\$402,143 859,599	3		2	0		27,880	223,041	1,414,327	\$5,950,100	314,589,100	1.9%
Wayne State	196,064,500	\$214,171,400	2,111,036	958	176, 44	\$146,978,189	179,984			2	3		14,366	100,565	637,692	3,105,300	199,169,800	1.6%
Wayne State	190,004,500	\$214,171,400	2,111,030	900	170,044	\$140,970,109	179,904	4	2 2	0	3	1	14,300	100,505	037,092	3,103,300	199,109,600	1.0%
Central	83,925,500	\$80,132,000	789,842	858	158 115	\$11,746,601	14,384	2	2 3	0	2	7	17,270	120,890	766,577	1,728,900	85,654,400	2.1%
Michigan Tech	48,097,500	\$47,924,200	472,377	922	169 898	\$52,321,902	64,071	3		2	0		5,595	39,168	248,370	954,700	49,052,200	2.0%
Western	107,440,900	\$109,615,100	1,080,450	1,102	202 988	\$16,982,080	20,796			2	2	6	16,603	99,616	631,677	1,935,900	109,376,800	1.8%
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Saginaw Valley	29,114,000	\$27,720,700	273,236	465	85, <mark>6</mark> 92			2	2 2	2	0	6	7,706	46,233	293,171	652,100	29,766,100	2.2%
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UM-Flint	22,549,300	\$20,898,000	205,987	581	107,0 <mark>0</mark> 9			C) 2	2	2	6	5,241	31,446	199,405	512,500	23,061,800	2.3%
Ferris	52,259,900	\$48,619,200	479,228	1,357	250,027			2	2 3	2	2	9	10,624	95,616	606,312	1,335,600	53,595,500	2.6%
Northern	46,279,200	\$45,140,300	444,937	562	103,510			2	2 3	2	0	7	6,978	48,846	309,738	858,200	47,137,400	1.9%
Lake Superior	13,567,400	\$12,694,200	125,124	176	32,422			2	2 2	0	0	4	1,975	7,900	50,095	207,600	13,775,000	1.5%
TOTAL:	\$1,400,345,000	\$1,420,344,900	\$14,000,000	16,882	\$3,111,111	\$,270,294,765	\$1,555,556	27	37	24	15	103	206,818	1,471,877	\$9,333,333	\$28,000,000	\$1,428,345,000	2.0%
Data N	latas							500	oring Baso	d on Carne	nio Poore							
Compo		Source	Year	s <u>Notes</u>	;				0 20% natio		3							
Critical	Critical skills undergrad completions State HEIDI FYs 2015-2016 STEM/health/etc.							Abo	ove national	median	2							
Research & develop expends Federal IPEDS FY 2015 Carnegie research universities only Improving over 3 years 2 Six-year graduation rate Federal IPEDS^ FYs 2011-2014 First-time, full-time degree seeking students Improving over 3 years 2																		
	ar graduation rate eqree completions	Federal Federal			ime, full-time d les graduate de		dents											
	pport as % of core e				ure of administ	0		<u>*R</u> e	equirements	to receive f	unding incre	ease:						
	ant students	•	IPEDS^ FYs 2	2012-2014 Feder	al need-based	aid for undergrads	5				-		tuition/fee rat	e increase t	o 3.8% or \$475	5 (whichever is g	reater)	

Table 2: FY 2017-18 EN/CTED AN PROPRIATION DETAIL FOR UNIVERSITY OPERATIONS

2. Participate in at least three reverse transfer agreements with community colleges

3. Maintain a dual enrollment credit policy that does not consider whether credits were used toward high school graduation

4. Actively participate in and submit timely updates to the Michigan Transfer Network

State HEIDI

FY 2016

Includes nonresident students

^ via Business Leaders for Michigan and Anderson Economic Group

Undergrad FYES

Carnegie Peer Comparison-Based Metrics

FY 2017-18 Formula Component	% of Performance Funding	FY 2017-18 Amount
Comparisons with Carnegie Classification peers or 3-year improvement, scored on four metrics:	33.3%	\$9.3 million
Six-year graduation rate		
Total degree completions		
 Institutional support (i.e., administration) as a percentage of core expenditures 		
Percentage of students receiving federal Pell grants		

- Universities are compared to their national peers within each Carnegie classification, which divides institutions into categories based generally on numbers, levels, types of degrees granted (bachelor's, master's, doctoral), along with the amount of research activity.
- Schools are scored within each metric based on the following:
 - 3 points for top 20% nationally
 - 2 points for above national median
 - 2 points for improving over a 3 year period
- Scores are weighted according to each university's undergraduate FYES (Fiscal Year Equated Student).

Carnegie Peer Comparison-Based Metrics

- Peer comparison has been used since FY 2012-13 Formula, but weighting by FYES began with the FY 2013-14 Formula.
- Uses Federal IPEDS database, FY 2013-14 data is used, with 3-year improvement measured from FY 2010-11 to FY 2013-14.
- FYES data uses Michigan's Higher Education Institutional Database Inventory (HEIDI), FY 2015-16.
- All Carnegie-based component calculations have been provided by the Anderson Economic Group (AEG) in conjunction with the Business Leaders of Michigan (BLM) and the Michigan Association of State Universities (MASU).

Carnegie Peer Comparison-Based Metrics

А	В	С	DI			H I	J	K	L M	Ν	0	Ρ	Q	R	S	Т	U	V	W	
		At or Better that Peer Average		c		than the Public op 20%		Mak	ing Progress											
		2014 Total	2011- 2014		2011-2014	op 20%	2012-2014	2011- 2014	2014	2011-2014			2012-2014					2011- 2014		
		Critical Skills	3 yr	2014 6-year	3 yr change		Total	3 yr		3 yr change			2 yr change	2014	2012-2014			3 yr		
		Degrees /	growth-	Graduation	(percentage	2014 Total		growth		(percentage			(percentage	Number	2 yr growth		2014 Research	growth		
	Michigan State	Certificates 4,619	CAGR 4.4%	Rate 79.1%	point)-total	Degrees 11,484	3yr Avg	CAGR 1.6%	Exp. 6.8%	point)-total 0.6%		Pell 1 2.7%	point)-total -2.4%	Pel1 8.623	CAGR -3.1%		Exp. \$ 313,801,572	CAGR 0.3%		
	UM Ann Arbor	6,203	4.4%	90.9%	1.8% 1.4%	11,484	11,219 12,607	3.0%	6.3%	0.8%		2.7% 5.7%	-2.4%	4,439	-0.4%		\$ 708,497,618			
R1	Wayne State	2.038	2.2%	34.3%	8.0%	5,854	5,612	1.6%	8.9%	0.4%		7.9%	-2.4%	8.911	-5.6%		\$ 151,626,469	-4.4%		
	Median or Average	2,736	<i>6.3%</i>	72.5%	2.8%	7,537	7,491	2.3%	7.1%	0.5%		8.9%	-1.0%	ő,111	-2.9%		\$ 192,020,381			
	Top 20%	4,595		82.6%		10,957	10,681		5.2%		30	6.5%		10,285		1	\$ 411,550,106			
	Central	1,310	5.9%	55.5%	1.3%	6,068	5,995	2.0%	9.3%	1.5%		6.3%	-0.2%	7,230	-4.0%		\$ 13,876,197			
R2	Michigan Tech	1,277	3.3%	64.3%	-1.2%	1,434	1,477	2.0% 0.0%	9.2%	-1.9%		5.6%	-0.8%	1,437	-2.4%		\$ 51,692,260 \$ 19,109,124			
R2	Western Median or Average	1,375	5.3% 6.0%	54.0% 54.7%	-1.9% 1.3%	5,262 3,467	5,350 3,450	2.2%	<u>8.7%</u> 9.0%	0.3%		<mark>8.6%</mark> 4.8%	-0.6% -1.3%	7,413 4,660	-2.9% 0.6%		\$ 19,109,124 \$ 38,185,008			
	Top 20%	1,893	0.076	61.1%	1.370	5,528	5,430	2.270	7.3%	0.376		4.8% 3.2%	-1.370	7,220	0.076		\$ 76,971,906	-4.170		
	100 2070	1,055		01.170		0,020	2,727		1.376			5.276		7,220		,	0 70,371,300			
	Eastern	1,060	2.7%	36.5%	-3.0%	4,558	4,325	2.3%	9.7%	-0.4%	43	3.9%	-1.9%	8,426	-0.6%	1	\$ 4,105,363	-14.5%		
R3	Oakland	1,367	3.4%	45.6%	5.3%	3,684	3,679	1.0%	9.6%	-3.4%		2.1%	-0.3%	5,319	1.9%	1	\$ 9,134,493			
10	Median or Average	755	6.5%	45.6%	2.9%	2,778	2,663	5.4%	10.6%	0.3%		3.7%	-1.4%	4,488	-4.9%		\$ 8,327,955	1.8%		
	Top 20%	1,111		53.1%		3,894	3,863		8.8%		50	0.6%		6,890			\$ 16,529,178			
	Grand Valley	1.489	4.5%	64.9%	1.6%	5,271	5,381	1.1%	9.6%	-0.1%	24	6.2%	-1.0%	7.691	-1.4%		\$ 7.931.016	1.6%		
	Saginaw Valley	522	7.8%	40.2%	1.7%	1,710	1,707	0.1%	11.9%	-0.1%		8.2%	-2.5%	3,498	-4.2%	3	\$ 961,179			
	UM Dearborn	652	9.2%	50.1%	0.8%	1,792	1,758	2.6%	12.3%	-0.6%		3.0%	0.3%	3,069	0.0%		\$ 3,866,680			
M1	UM Flint	743	17.5%	34.3%	-3.0%	1,666	1,557	8.3%	12.2%	-0.1%	41	1.9%	-4.8%	2,990	-4.1%	1	\$ 584,428	-3.0%		
	Median or Average	509	7.4%	50.9%	1.8%	2,072	2,028	2.2%	11.4%	0.3%	38	8.7%	0.3%	3,104	1.0%	1	\$ 1,287,750	-8.4%		
	Top 20%	835		59.2%		3,161	3,101		8.8%		47	7.9%		4,660		1	\$ 4,149,030			
		1 007	0.001	17.00	2.001			1.50/	10.00	1.00/			0.797		0.404					
	Ferris State Northern	1,897 685	2.9% 2.9%	47.8% 49.4%	2.8% 1.6%	3,461 1,678	3,458 1,665	1.5% 2.3%	10.3% 9.7%	-1.2% -0.1%		1.2% 8.8%	-0.7% -0.7%	5,555 3,191	-0.4%		\$ 714,708 \$ 957,871			
M2	Northern Median or Average	244	16.1%	49.4%	2.5%	1,078	1,003	4.5%	12.3%	0.0%		8.8% 9.8%	-0.7%	1.890	-3.7%		\$ 279,383			
	Top 20%	423	10.170	53.9%	2.070	1,384	1,389	4.070	7.7%	0.075		5.5%	-1.576	2,833	-2.070		\$ 1,235,778	-11.770		
	Lake Superior	222	-0.1%	42.9%	7.6%	623	587	3.1%	15.7%	1.1%	38	8.9%	-3.0%	944	-9.7%		\$ 748,487			
Bac Diverse	Median or Average	134	8.3%	38.8%	1.0%	370	352	5.3%	13.0%	-0.4%		4.4%	-1.7%	951	-1.7%		\$ 107,081	-8.5%		
	Top 20%	313		48.0%		716	673		9.0%		50	0.9%		2,145		1	\$ 545,163			
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6-Year Graduation Rate

FY 2017-18 Formula Component	% of Performance Funding	FY 2017-18 Amount
Comparisons with Carnegie Classification peers or 3-year improvement, scored on four metrics:	33.3%	\$9.3 million
Six-year graduation rate		

- Measures the percentage of 1st time, full-time, degree-seeking students at an institution that complete a degree within 6 years at the same institution.
- Rates are based on FY 2013-14, which looks at the FY 2007-08 cohort.
- Students who transfer to another institution and complete a degree does not count for the original institution, nor for the new institution.
- Part-time students are not included in the count.
- For FY 2017-18, 3 schools were in top 20%, 6 were above the national median, and 3 had improved over the 3-year period.
- Metric has been used since FY 2012-13 Formula.

Total Degree Completions

FY 2017-18 Formula Component	% of Performance Funding	FY 2017-18 Amount
Comparisons with Carnegie Classification peers or 3-year improvement, scored on four metrics:	33.3%	\$9.3 million
Total degree completions		

- Measures the total degree and certificate completions at each university, including undergraduate and graduate programs.
- Gross measure with no weighting or control for size, which does pose difficulties for smaller institutions.
- For FY 2017-18, 7 were in the top 20%, 3 were above the national median, and 5 had improved over the 3-year period.
- Metric has been used since FY 2012-13 Formula.

Institutional Support as a % of Core Expenditures

FY 2017-18 Formula Component	% of Performance Funding	FY 2017-18 Amount
Comparisons with Carnegie Classification peers or 3-year improvement, scored on four metrics:	33.3%	\$9.3 million
 Institutional support (i.e., administration) as a percentage of core expenditures 		

- Measures administrative efficiency.
- Core expenditures: Total expenses for the essential educational activities of the institution
- Institutional support: Includes expenses for the day-to-day operational support of the institution. Includes general administrative services, central executive-level activities concerned with management and long-range planning, legal and fiscal operations, space management, employee personnel and records, logistical services, public relations, IT expenses.
- For FY 2017-18, no universities were in the top 20%, 8 were above the national median, and 4 had improved over the 3-year period.
- Metric has been used since FY 2012-13 Formula.

Pell Grant Students

FY 2017-18 Formula Component	% of Performance Funding	FY 2017-18 Amount
Comparisons with Carnegie Classification peers or 3-year improvement, scored on four metrics:	33.3%	\$9.3 million
Percentage of students receiving federal Pell grants		

- Pell Grant is a Federal financial aid grant based on student financial need.
- Measures access for low-income students at an institution.
- Added to the FY 2014-15 Formula, refined in FY 2015-16 to percentage of students receiving Pell instead of overall number of Pell students to assist smaller institutions.
- For FY 2017-18, 1 school was in the top 20%, 6 were above the national median, and none had improved over the two year period.

		Proportional to	FY 2010-11	Performance	e Funding Pro	oportional to Share	e of Total	Performance Funding Scored vs. National Carnegie Peers									
	% of formula:	50.0%	6	11.19	6	5.6%				33	3.3%						
I	Funding per unit:	\$0.0099 pe	r dollar	\$184.29 per c	ompletion	\$0.0012 per	r dollar			\$6.34 per v	veighted	point					
										%							
				Critical					Instl.	Students		Total FY			*Total		
	FY 2016-17			Skills		Research &		6-year	Support	Receiving		2016	FYES-		Performance	Initial Enacted	
	Year-to-Date	FY 2010-11		Undergrad		Development		Grad Total	as % of	Pell	Total	Undergrad	Weighted		Funding	FY 2017-18	Percent
	Appropriation	Appropriation	Funding	Completions	Funding	Expenditures	Funding	Rate Degrees	Expends.	Grant	Points	FYES	Points	Funding	Increase	Appropriation	Change
Michigan State	\$275,862,100	\$283,685,200	\$2,796,217	2,967	\$546,758	\$328,397,061	\$402,143	2 3	2	0	7	36,765	257,355	\$1,631,916	\$5,377,000	\$281,239,100	1.9%
UM-Ann Arbor	308,639,000	\$316,254,500	3,117,245	3,033	558,932	\$701,964,000	859,599	3 3	2	0	8	27,880	223,041	1,414,327	\$5,950,100	314,589,100	1.9%
Wayne State	196,064,500	\$214,171,400	2,111,036	958	176,544	\$146,978,189	179,984	2 2	0	3	7	14,366	100,565	637,692	3,105,300	199,169,800	1.6%
Central	83,925,500	\$80,132,000	789,842	858	158,115	\$11,746,601	14,384	2 3	0	2	7	17,270	120,890	766,577	1,728,900	85,654,400	2.1%
Michigan Tech	48,097,500	\$47,924,200	472,377	922	169,898	\$52,321,902	64,071	3 2	2	0	7	5,595	39,168	248,370	954,700	49,052,200	2.0%
Western	107,440,900	\$109,615,100	1,080,450	1,102	202,988	\$16,982,080	20,796	0 2	2	2	6	16,603	99,616	631,677	1,935,900	109,376,800	1.8%
Eastern	73,593,800	\$76,026,200	749,372	901	166,040	\$3,160,633	3,870	0 3	2	2	7	14,798	103,585	656,842	1,576,100	75,169,900	2.1%
Oakland	49,920,700	\$50,761,300	500,342	1,214	223,628	\$8,744,299	10,708	2 2	2	0	6	15,258	91,548	580,516	1,315,200	51,235,900	2.6%
Grand Valley	68,227,900	\$61,976,400	610,887	1,350	248,864			3 3	2	0	8	19,957	159,657	1,012,401	1,872,200	70,100,100	2.7%
Saginaw Valley	29,114,000	\$27,720,700	273,236	465	85,692			2 2	2	0	6	7,706	46,233	293,171	652,100	29,766,100	2.2%
UM-Dearborn	24,803,300	\$24,726,200	243,720	438	80,624			2 2		2	8	5,801	46,411	294,295	618,600	25,421,900	2.5%
UM-Flint	22,549,300	\$20,898,000	205,987	581	107,069			0 2	2	2	6	5,241	31,446	199,405	512,500	23,061,800	2.3%
Ferris	52,259,900	\$48,619,200	479,228	1,357	250,027			2 3			9	10,624	95,616	606,312	1,335,600	53,595,500	2.6%
Northern	46,279,200	\$45,140,300	444,937	562	103,510			2 3	2	0	7	6,978	48,846	309,738	858,200	47,137,400	1.9%
Lake Superior	13,567,400	\$12,694,200	125,124	176	32,422			2 2	0	0	4	1,975	7,900	50,095	207,600	13,775,000	1.5%
TOTAL:	\$1,400,345,000	\$1,420,344,900	\$14,000,000	16 992	\$3,111,111	\$1,270,294,765	\$1 555 55C	27 37	24	15	103	206 849	1 471 977	\$9,333,333	\$28,000,000	\$1,428,345,000	2.0%
TOTAL:	φ1,400,343,000	φ1,420,344,900	φ14,000,000	10,002	φ 3 ,111,111	φ1,210,294,70 3	\$1,000,000	21 31	24	15	103	200,018	1,4/1,0//	#3,333,333	φ20,000,000	φ1,420,340,000	2.0%

Table 2: FY 2017-18 ENACTED APPROPRIATION DETAIL FOR UNIVERSITY OPERATIONS

Data Notes								
Component	Source	Years	Notes					
Critical skills undergrad completions	State HEIDI	FYs 2015-2016	STEM/health/etc.					
Research & develop expends	Federal IPEDS	FY 2015	Carnegie research universities only					
Six-year graduation rate	Federal IPEDS [^]	FYs 2011-2014	First-time, full-time degree seeking students					
Total degree completions	Federal IPEDS [^]	FYs 2011-2014	Includes graduate degrees					
Inst support as % of core expends	Federal IPEDS [^]	FYs 2011-2014	Measure of administrative costs					
Pell grant students	Federal IPEDS [^]	FYs 2012-2014	Federal need-based aid for undergrads					
Undergrad FYES	State HEIDI	FY 2016	Includes nonresident students					
^ via Business Leaders for Michigan and Anderson Economic Group								

Scoring Based on Carnegie Peers							
Top 20% nationally	3						
Above national median	2						
Improving over 3 years	2						

*Requirements to receive funding increase:

1. Restrain FY 2017-18 resident undergraduate tuition/fee rate increase to 3.8% or \$475 (whichever is greater)

2. Participate in at least three reverse transfer agreements with community colleges

3. Maintain a dual enrollment credit policy that does not consider whether credits were used toward high school graduation

4. Actively participate in and submit timely updates to the Michigan Transfer Network

Performance Funding Conditions

Receipt of performance funding is conditioned on compliance with all of the following:

- Restraining resident undergraduate tuition and mandatory fee increases to 3.8% or \$475 (whichever is greater) over the prior year.
- Certifying that the university participates in reverse transfer agreements with at least three Michigan community colleges.
- Certifying that the university's dual enrollment policy does not consider whether credits were used toward high school graduation.
- Actively participating in the Michigan Transfer Network.

Tuition Restraint Policies

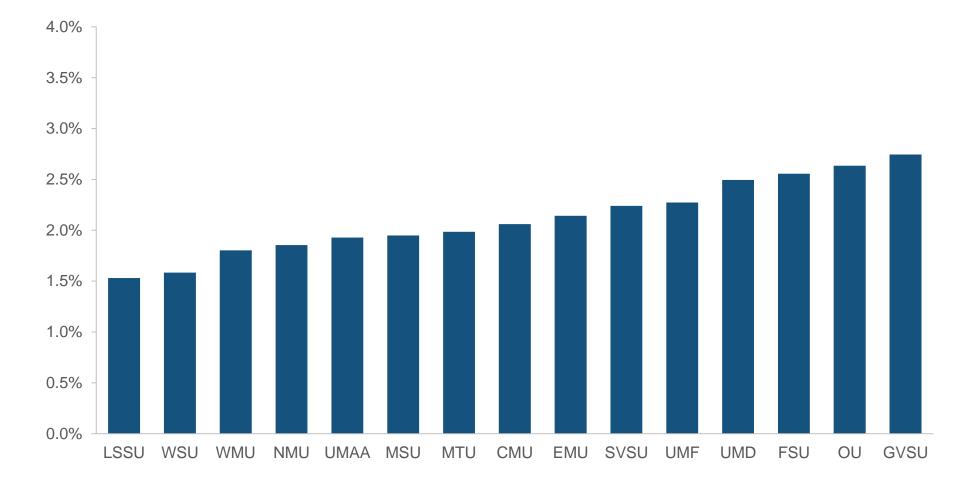
Budget-based efforts to curb tuition increases have taken several forms since FY 2011-12. Under the budget act, performance funding forfeited by noncompliant universities is distributed to the other schools.

	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Limit on resident undergraduate tuition/fee increases	4.0%	3.75%	3.2%	3.2%	4.2%	3.8% or \$475
Operations funding increase/(decrease) from prior year	3.0%	1.8%	5.9%	1.5%	2.9%	2.0%
Funding contingent on tuition restraint	\$9.1 million incentive funding	\$21.9 million performance funding	\$74.6 million performance funding	\$20.1 million performance funding	\$39.8 million performance funding; new state-funded capital outlay approvals for FYs 2017-18 and 2018-19	\$28.0 million performance funding; new state-funded capital outlay approvals for FYs 2018-19 and 2019-20
Average unweighted tuition/fee increase	3.4%	3.5%	2.8%	3.6%	3.9%	3.8%
Noncompliant universities	None	Wayne State	None	Eastern, Oakland	None	None
House Fiscal Agency	1		20		\bigcirc	otober 2017

House Fiscal Agency

FY 2017-18 Performance Funding Increases

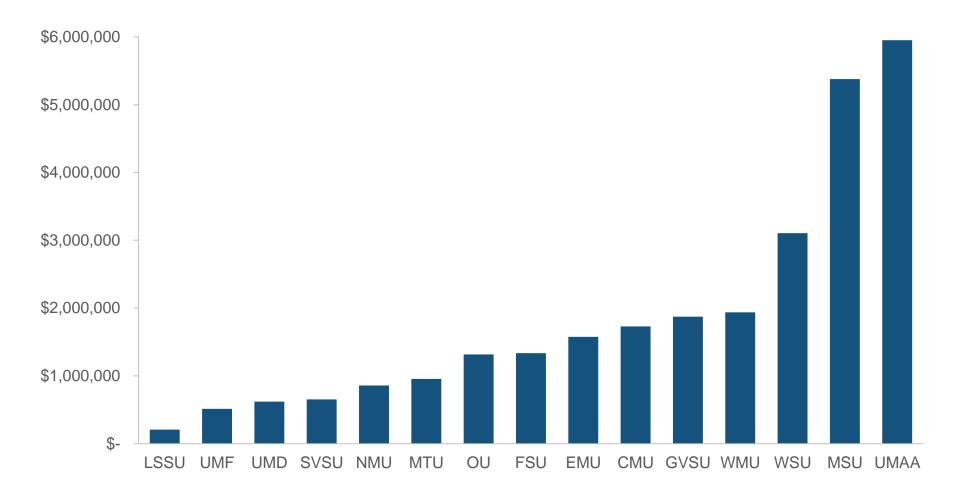
Total performance funding increase is 2.0% (\$28.0 million). Allocation under the performance funding formula, resulted in individual increases ranging from 1.5% to 2.7%.



House Fiscal Agency

FY 2017-18 Performance Funding Increases

Total performance funding increase is 2.0% (\$28.0 million). Allocation under the performance funding formula, resulted in individual increases ranging from \$200,000 to \$6.0 million.



House Fiscal Agency

For more information about the Higher Education budget:

HFA Resources

http://www.house.mi.gov/hfa/HigherEducation.asp

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