



PRODUCTIVITY-BASED FUNDING MODEL
FOR ARKANSAS PUBLIC HIGHER EDUCATION

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OLD PERFORMANCE FUNDING – 2 YEAR COLLEGES

TABLE B. Two-Year Colleges: Operating Needs & Recommendations for 2011-13 Biennium



Inst	2010-11			2011-12								2012-13						
	General Revenue Base (RSA, EETF & WF2000)	Fiscal Year 2008 FTE	FY 2010-11 Dollars Per FY2009 FTE Student	PRELIMINARY AHECB Recommendations								PRELIMINARY AHECB Recommendations						
				Model Need	Total Need	% of Need Met	Total New Funds	Total Appropriation	% of Need Met	% Increase	Funds per FTE	Model Need	Total Need	Total New Funds	Total Appropriation	% of Need Met	% Increase	Funds per FTE
ANC	\$9,912,783	1,424	\$6,960	\$9,506,345	\$9,912,783	100.0%	\$0	\$9,912,783	100.0%	0.0%	\$6,960	\$9,789,750	\$9,912,783	\$0	\$9,912,783	100.0%	0.0%	\$6,960
ASUB	\$14,103,088	3,365	\$4,191	\$16,696,265	\$16,696,265	84.5%	\$301,742	\$14,404,829	86.3%	2.1%	\$4,280	\$17,268,524	\$17,268,524	\$464,209	\$14,869,038	86.1%	3.2%	\$4,418
ASUMH	\$4,316,979	1,070	\$4,036	\$6,253,062	\$6,253,062	69.0%	\$225,282	\$4,542,261	72.6%	5.2%	\$4,247	\$6,446,892	\$6,446,892	\$308,743	\$4,851,004	75.2%	6.8%	\$4,536
ASUN	\$7,302,314	1,368	\$5,336	\$8,181,457	\$8,181,457	89.3%	\$102,297	\$7,404,611	90.5%	1.4%	\$5,411	\$8,444,907	\$8,444,907	\$168,634	\$7,573,244	89.7%	2.3%	\$5,534
BRTC	\$8,085,909	1,706	\$4,738	\$9,816,149	\$9,816,149	82.4%	\$201,330	\$8,287,239	84.4%	2.5%	\$4,856	\$10,125,785	\$10,125,785	\$298,031	\$8,585,270	84.8%	3.6%	\$5,031
CCCUA	\$4,575,408	914	\$5,008	\$6,375,702	\$6,375,702	71.8%	\$209,482	\$4,784,890	75.0%	4.6%	\$5,237	\$6,565,316	\$6,565,316	\$288,609	\$5,073,499	77.3%	6.0%	\$5,553
EACC	\$6,477,329	1,059	\$6,118	\$6,385,695	\$6,477,329	100.0%	\$0	\$6,477,329	100.0%	0.0%	\$6,118	\$6,578,762	\$6,578,762	\$16,443	\$6,493,771	98.7%	0.3%	\$6,133
MSCC	\$5,816,376	1,222	\$4,761	\$7,683,766	\$7,683,766	75.7%	\$217,289	\$6,033,665	78.5%	3.7%	\$4,939	\$7,926,325	\$7,926,325	\$306,803	\$6,340,468	80.0%	5.1%	\$5,190
NAC	\$8,904,682	1,779	\$5,005	\$10,535,398	\$10,535,398	84.5%	\$189,750	\$9,094,432	86.3%	2.1%	\$5,112	\$10,849,610	\$10,849,610	\$284,517	\$9,378,948	86.4%	3.1%	\$5,272
NPCC	\$10,548,512	2,380	\$4,432	\$13,404,390	\$13,404,390	78.7%	\$332,309	\$10,880,822	81.2%	3.2%	\$4,572	\$13,814,836	\$13,814,836	\$475,608	\$11,356,429	82.2%	4.4%	\$4,772
NWACC	\$10,695,102	5,112	\$2,092	\$19,775,598	\$19,775,598	54.1%	\$1,056,605	\$11,751,707	59.4%	9.9%	\$2,299	\$20,469,081	\$20,469,081	\$1,413,098	\$13,164,805	64.3%	12.0%	\$2,575
OTC	\$4,574,718	951	\$4,812	\$6,334,742	\$6,334,742	72.2%	\$204,796	\$4,779,514	75.4%	4.5%	\$5,028	\$6,514,963	\$6,514,963	\$281,319	\$5,060,832	77.7%	5.9%	\$5,324
OZC	\$4,134,892	958	\$4,318	\$5,861,945	\$5,861,945	70.5%	\$200,960	\$4,335,851	74.0%	4.9%	\$4,528	\$6,043,439	\$6,043,439	\$276,802	\$4,612,654	76.3%	6.4%	\$4,817
PCCUA	\$10,223,981	1,364	\$7,497	\$9,549,548	\$10,223,981	100.0%	\$0	\$10,223,981	100.0%	0.0%	\$7,497	\$9,836,961	\$10,223,981	\$0	\$10,223,981	100.0%	0.0%	\$7,497
PTC	\$16,409,837	7,080	\$2,318	\$26,651,856	\$26,651,856	61.6%	\$1,191,759	\$17,601,596	66.0%	7.3%	\$2,486	\$27,615,051	\$27,615,051	\$1,623,194	\$19,224,790	69.6%	9.2%	\$2,715
RMCC	\$3,383,194	636	\$5,321	\$4,220,232	\$4,220,232	80.2%	\$97,398	\$3,480,591	82.5%	2.9%	\$5,474	\$4,344,657	\$4,344,657	\$140,066	\$3,620,658	83.3%	4.0%	\$5,694
SACC	\$6,892,095	1,261	\$5,465	\$8,445,105	\$8,445,105	81.6%	\$180,708	\$7,072,803	83.8%	2.6%	\$5,608	\$8,689,959	\$8,689,959	\$262,143	\$7,334,946	84.4%	3.7%	\$5,816
SAUT	\$5,797,453	1,388	\$4,178	\$8,609,068	\$8,609,068	67.3%	\$327,159	\$6,124,612	71.1%	5.6%	\$4,414	\$8,878,538	\$8,878,538	\$446,415	\$6,571,027	74.0%	7.3%	\$4,736
SEAC	\$7,462,067	1,544	\$4,835	\$8,869,699	\$8,869,699	84.1%	\$163,792	\$7,625,859	86.0%	2.2%	\$4,941	\$9,148,400	\$9,148,400	\$246,806	\$7,872,664	86.1%	3.2%	\$5,101
UACCB	\$4,821,613	1,324	\$3,642	\$7,679,323	\$7,679,323	62.8%	\$332,523	\$5,154,136	67.1%	6.9%	\$3,894	\$7,906,641	\$7,906,641	\$446,185	\$5,600,320	70.8%	8.7%	\$4,231
UACCH	\$6,302,247	1,058	\$5,957	\$6,551,084	\$6,551,084	96.2%	\$28,955	\$6,331,202	96.6%	0.5%	\$5,984	\$6,753,481	\$6,753,481	\$68,452	\$6,399,654	94.8%	1.1%	\$6,049
UACCM	\$5,929,047	1,749	\$3,389	\$9,742,725	\$9,742,725	60.9%	\$443,759	\$6,372,805	65.4%	7.5%	\$3,643	\$10,037,942	\$10,037,942	\$594,123	\$6,966,929	69.4%	9.3%	\$3,983
Total	\$166,669,623	40,710	\$4,094	\$217,129,154	\$218,301,659	76.3%	\$6,007,893	\$172,677,516	79.1%	3.6%	\$4,242	\$224,049,822	\$224,559,876	\$8,410,199	\$181,087,715	80.6%	4.9%	\$4,448

OLD PERFORMANCE FUNDING – 2 YEAR UNIVERSITIES

Table C. Universities: Operating Needs & Recommendations for 2011-13 Biennium



Inst	2010-11					2011-12							2012-13						
	RSA	EETF	2010-11 Base (RSA & EETF)	Fiscal Year 2009 FTE	FY 2010-11 Dollars Per FY 2009 FTE Student	Formula Determined Need	% of Need	Total New Funds	Total Appropriation	% of Need Met	% Increase	Funds per FTE	Formula Determined Need	Total New Funds	Total Appropriation	% of Need Met	% Increase	Funds per FTE	
ASUJ	\$53,496,258	\$5,520,543	59,016,801	10,482	\$5,630	\$78,503,240	75%	\$2,267,438	\$61,284,239	78.1%	3.8%	\$5,847	\$81,066,681	\$3,206,760	\$64,490,999	79.6%	5.2%	\$6,153	
ATU	\$28,966,548	\$1,850,523	30,817,071	6,659	\$4,628	\$37,741,054	82%	\$805,673	\$31,622,744	83.8%	2.6%	\$4,749	\$39,114,275	\$1,214,387	\$32,837,131	84.0%	3.8%	\$4,931	
HSU	\$18,503,262	\$1,914,279	20,417,541	3,391	\$6,021	\$22,154,080	92%	\$202,063	\$20,619,604	93.1%	1.0%	\$6,080	\$22,917,609	\$372,510	\$20,992,114	91.6%	1.8%	\$6,190	
SAUM	\$15,449,575	\$1,131,764	16,581,339	2,876	\$5,766	\$19,794,877	84%	\$373,927	\$16,955,266	85.7%	2.3%	\$5,896	\$20,452,510	\$566,908	\$17,522,174	85.7%	3.3%	\$6,093	
UAF	\$112,506,550	\$8,383,770	120,890,320	17,912	\$6,749	\$158,198,911	76%	\$4,341,220	\$125,231,540	79.2%	3.6%	\$6,992	\$163,052,197	\$6,130,778	\$131,362,319	80.6%	4.9%	\$7,334	
UAFS	\$20,115,961	\$2,804,957	22,920,918	5,810	\$3,945	\$29,108,293	79%	\$719,962	\$23,640,880	81.2%	3.1%	\$4,069	\$30,229,433	\$1,068,013	\$24,708,893	81.7%	4.5%	\$4,253	
UALR	\$56,169,522	\$4,861,324	61,030,846	9,687	\$6,300	\$80,366,600	76%	\$2,249,904	\$63,280,751	78.7%	3.7%	\$6,533	\$82,885,538	\$3,177,962	\$66,458,713	80.2%	5.0%	\$6,861	
UAM	\$12,954,291	\$976,748	13,931,039	2,337	\$5,961	\$14,623,642	95%	\$80,591	\$14,011,631	95.8%	0.6%	\$5,995	\$15,125,981	\$180,638	\$14,192,268	93.8%	1.3%	\$6,073	
UAPB	\$21,582,145	\$1,695,613	23,277,758	3,385	\$6,877	\$26,556,798	88%	\$381,548	\$23,659,307	89.1%	1.6%	\$6,990	\$27,395,189	\$605,592	\$24,264,898	88.6%	2.6%	\$7,169	
UCA	\$51,972,375	\$4,212,984	56,185,359	11,113	\$5,056	\$79,851,811	70%	\$2,753,823	\$58,939,183	73.8%	4.9%	\$5,304	\$82,481,514	\$3,816,243	\$62,755,426	76.1%	6.5%	\$5,647	
Total	\$391,716,489	\$33,352,505	\$425,068,994	73,651	\$5,771	\$546,899,308	78%	\$14,176,150	\$439,245,144	80.3%	3.3%	\$5,964	\$564,720,929	\$20,339,791	\$459,584,935	81.4%	4.6%	\$6,240	

PRODUCTIVITY FUNDING FORMULA - A MEASURE OF CHANGE

$$\frac{\text{CURRENT INDEX SCORE} - \text{PREVIOUS INDEX SCORE}}{\text{PREVIOUS INDEX SCORE}} = \text{PRODUCTIVITY \% CHANGE}$$

PRODUCTIVITY MEASURES

STATE GOALS FOR HIGHER EDUCATION:

COMPLETION
ADULT ENROLLMENT
ATTAINMENT GAPS
AFFORDABILITY

EFFECTIVENESS

- CREDENTIALS
- PROGRESSION
- TRANSFER SUCCESS
- GATEWAY COURSE SUCCESS

AFFORDABILITY

- CREDITS AT COMPLETION
- TIME TO DEGREE

ADJUSTMENTS

FOUR YEAR

- RESEARCH

TWO YEAR

- DISECONOMIES OF SCALE

EFFICIENCY

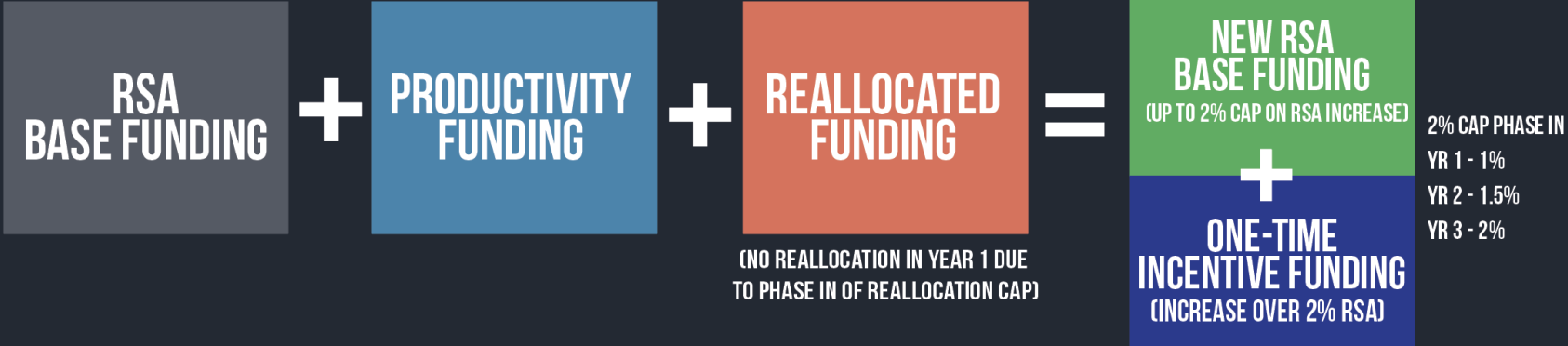
- CORE EXPENSE RATIO (50%)
- FACULTY TO ADMIN SALARY RATIO (50%)

Changes

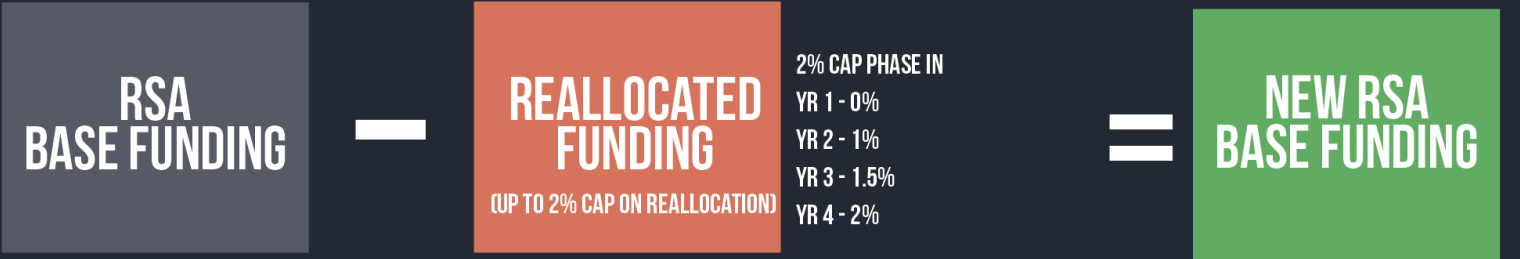
- In May 2019, the Arkansas Higher Education Coordinating Board (AHECB) voted to make three changes to the Productivity Funding Model.
 - For 2-year colleges – Adjust weighting of each metric as follows
 - Credentials – Change from 32% to 45%
 - Progression – Change from 24% to 20%
 - Gateway Course Completion – Change from 12% to 15%
 - Transfer – Change from 12% to 10%
 - Credits at Completion – Change from 10% to 5%
 - Time to Degree – Change from 10% to 5%
 - For 2-Year colleges – Change the multiplier of High Demand in the Credentials Metric to be 3 (equal to STEM)
 - For 2-year colleges – Change calculation of Diseconomies of Scale Adjustment and apply only to the Comparative Years of the model
 - For 4-year universities – Change the calculation of Research Adjustment and apply on to the Comparative Years of the model
- These changes are pending review and approval of the Legislative Rules Committee as of the date of this presentation.

FUNDING RECOMMENDATIONS

INSTITUTION WITH PRODUCTIVITY INCREASE



INSTITUTION WITH PRODUCTIVITY DECREASE



Questions!