



MONTANA LEGISLATIVE BRANCH

Legislative Fiscal Division

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Director
AMY CARLSON

DATE: October 5, 2018

TO: Legislative Finance Committee

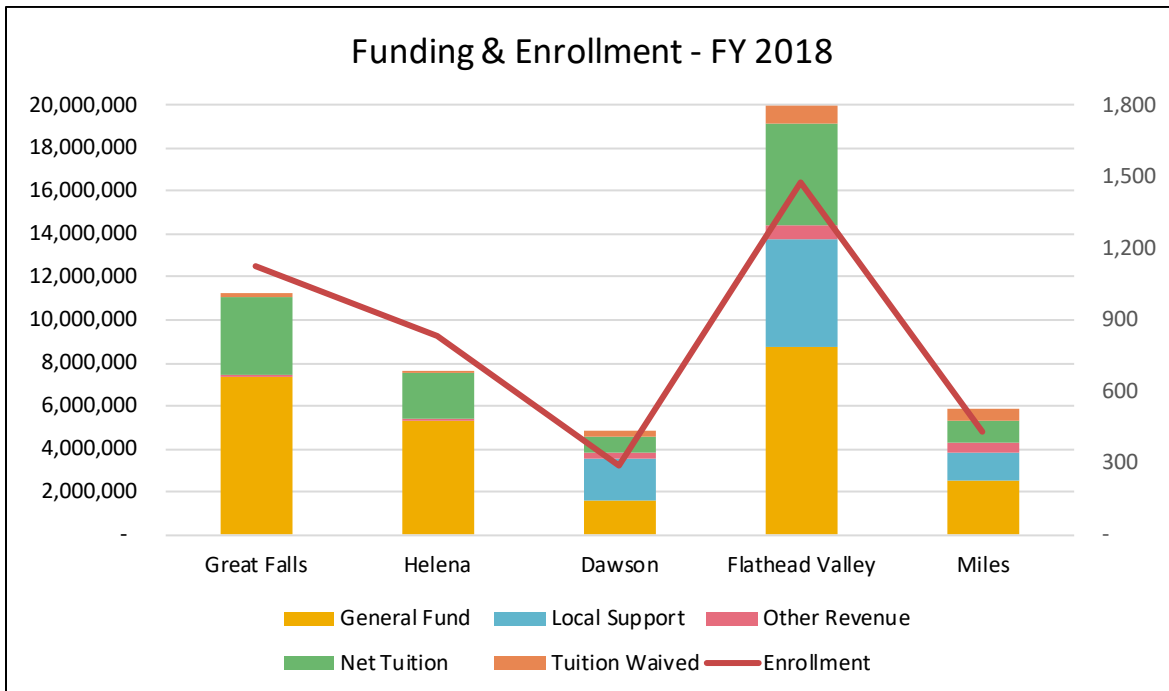
FROM: Shauna Albrecht, Fiscal Analyst

RE: Additional Data: Community College Funding Formula Report

During the September LFC meeting, there were several requests for additional data points in reference to the Community College Funding Formula Review. Primarily, the request was to expand the data points to include the 4-year campuses. This memo is to provide the requested data and responses to your questions.

Comparative Funding

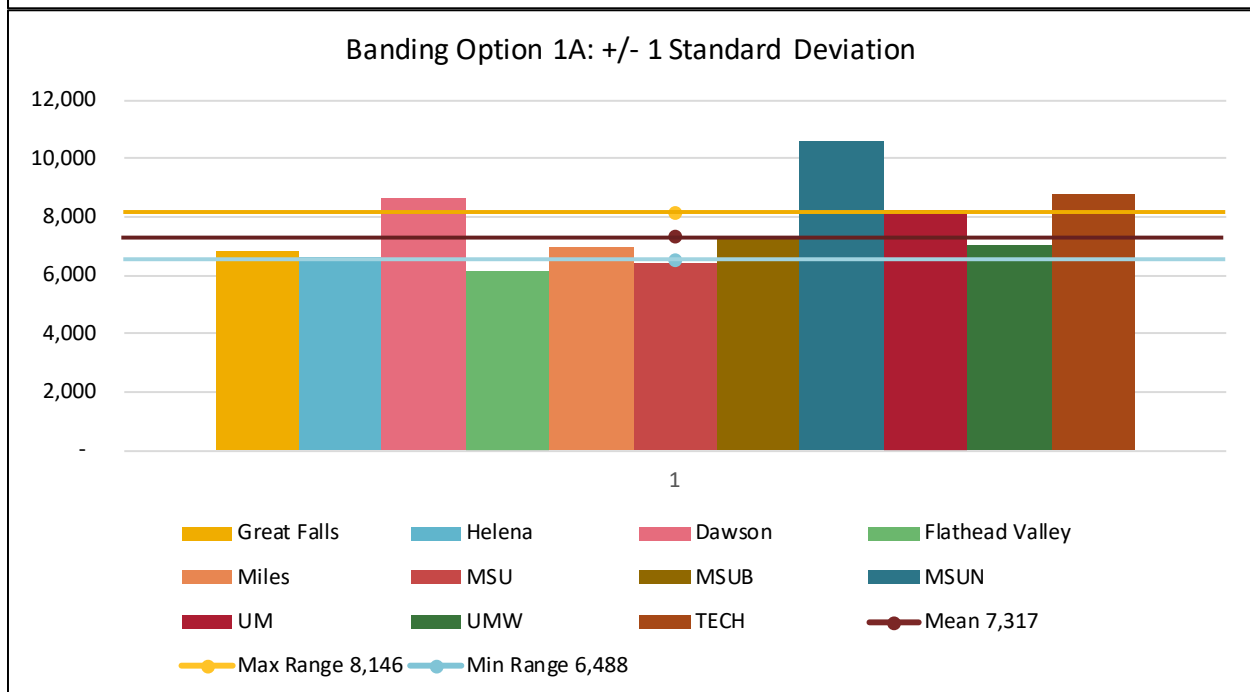
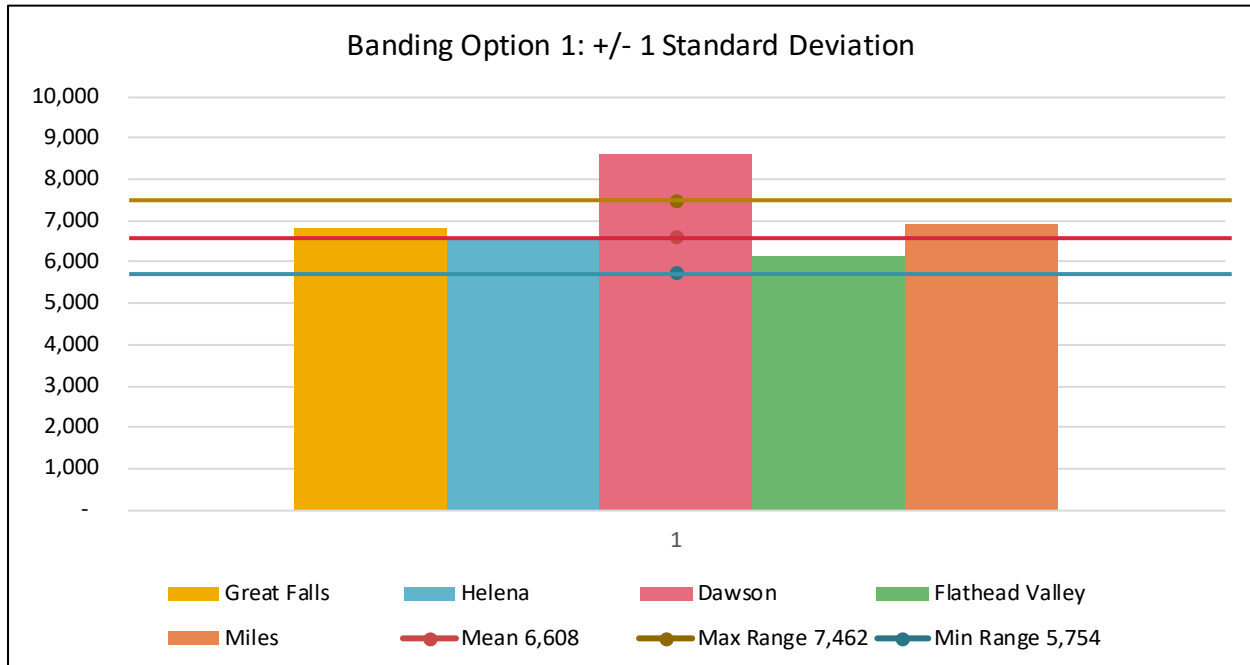
Presented in the report appendix was a chart on comparative funding for FY 2018 for the 2-year campuses of Montana. The original chart was based on what percent of their total budget accounted for general fund, local support, other revenue, net tuition, and tuition waived. The following chart is the dollar amounts each of the campuses received by the same sources.



Banding

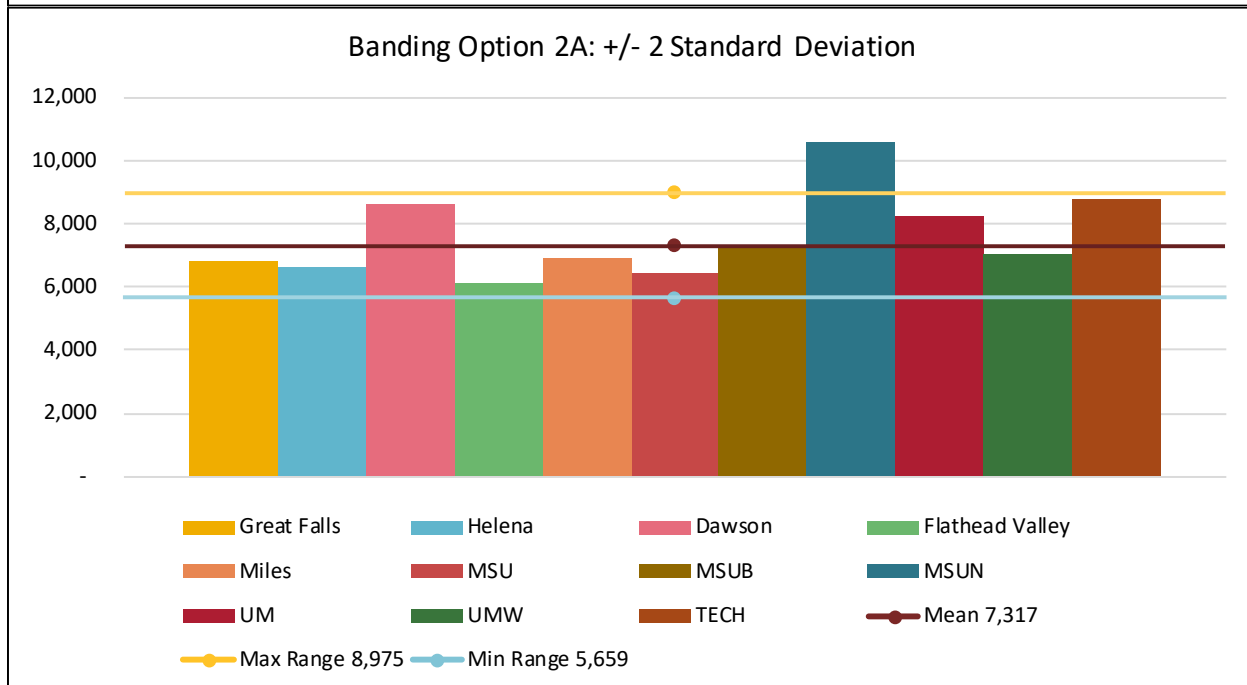
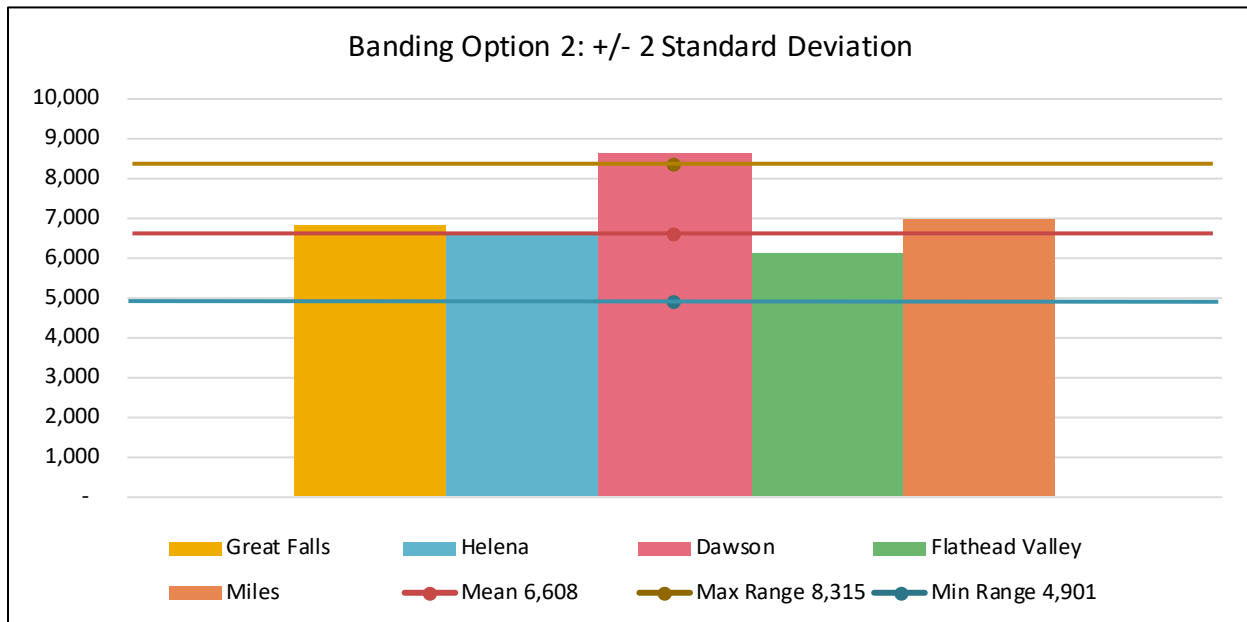
The analysis utilized a 6-year weighted average of state support per resident FTE with a standard deviation of the same 6-year data range. The use of standard deviation is due to its statistical relevance and correlation to data relevant to the colleges.

Banding Option 1 provides the comparison of the banding option presented at the September LFC meeting, which compared the community colleges and 2-year colleges. Banding Option 1A compares the community colleges to a band based on all public 2 and 4-year colleges within Montana. This first set of tables is based on plus or minus one standard deviation from the 6-year weighted average.



Banding option 1 is a plus or minus one standard deviation of 854 from the six-year weighted average of 6,608. Including the 4-year colleges (Banding Option 1A) in the analysis adjusts the standard deviation to 829 and the six-year weighted average to 7,317.

An alternate option was presented in the review to utilize a plus or minus two standard deviations from the weighted average. Below are the charts that represent the same six-year weighted averages with plus or minus two standard deviations.



Banding Option 2 is a plus or minus two standard deviations of 854 from the six-year weighted average of 6,608. Including the 4-year colleges (Banding Option 2A) in the analysis adjusts the standard deviation to 829 and the six-year weighted average to 7,317.

Current Unrestricted Expenditures

The current unrestricted expenditures are those expenditures that are funded with state general fund, six-mill levy or local support if applicable, and tuition and fees. Current unrestricted expenditures are those expenditures that are directly correlated to students and the cost of education based on program function. The following tables compare expenditures from FY 2013 to FY 2018 by college.

FY13-18 CUR Expenditures Community Colleges & 2-Year Colleges				
	FY13	FY18	FY13 to FY18	
			\$ Change	% Change
Dawson				
Instruction	1,390,304	1,359,126	(31,178)	-2.2%
Academic Support	130,465	464,498	334,033	256.0%
Student Services	749,371	1,057,063	307,692	41.1%
Institutional Support	733,103	685,576	(47,527)	-6.5%
O & M of Plant	470,012	695,074	225,062	47.9%
Dawson Total	3,473,255	4,261,337	788,082	22.7%
Flathead Valley				
Instruction	6,994,163	8,994,601	2,000,438	28.6%
Academic Support	1,848,677	2,151,287	302,610	16.4%
Student Services	1,663,349	2,546,819	883,470	53.1%
Institutional Support	2,733,526	3,382,260	648,734	23.7%
O & M of Plant	2,067,127	2,084,426	17,299	0.8%
Flathead Valley Total	15,306,842	19,159,393	3,852,551	25.2%
Miles				
Instruction	1,917,499	2,142,730	225,231	11.7%
Academic Support	447,791	371,962	(75,829)	-16.9%
Student Services	874,247	1,177,361	303,114	34.7%
Institutional Support	909,254	1,044,215	134,961	14.8%
O & M of Plant	485,249	584,345	99,096	20.4%
Miles Total	4,634,040	5,320,613	686,573	14.8%
Great Falls				
Instruction	5,490,481	5,827,862	337,381	6.1%
Academic Support	1,126,536	1,216,976	90,440	8.0%
Student Services	1,096,543	1,329,391	232,848	21.2%
Institutional Support	1,435,556	1,572,666	137,110	9.6%
O & M of Plant	1,031,704	1,203,490	171,786	16.7%
Great Falls Total	10,180,820	11,150,385	969,565	9.5%
Helena				
Instruction	3,714,953	3,462,481	(252,472)	-6.8%
Academic Support	1,095,889	1,280,743	184,854	16.9%
Student Services	974,623	1,034,061	59,438	6.1%
Institutional Support	1,327,682	931,519	(396,163)	-29.8%
O & M of Plant	864,259	917,290	53,031	6.1%
Helena Total	7,977,406	7,626,094	(351,312)	-4.4%

FY13-18 CUR Expenditures 4-Year Colleges				
	FY13	FY18	FY13 to FY18	
			\$ Change	% Change
MSU				
Instruction	80,690,238	107,277,536	26,587,298	32.9%
Public Service	1,922,949	2,874,964	952,015	49.5%
Academic Support	22,923,400	27,137,860	4,214,460	18.4%
Student Services	12,757,889	18,052,800	5,294,911	41.5%
Institutional Support	12,907,508	17,540,879	4,633,371	35.9%
O & M of Plant	19,230,448	23,229,457	3,999,009	20.8%
MSU Total	150,432,432	196,113,496	45,681,064	30.4%
MSU Billings				
Instruction	19,867,656	18,766,915	(1,100,741)	-5.5%
Public Service	372,622	354,871	(17,751)	-4.8%
Academic Support	3,299,355	3,211,555	(87,800)	-2.7%
Student Services	5,542,333	5,449,208	(93,125)	-1.7%
Institutional Support	3,806,327	3,705,724	(100,603)	-2.6%
O & M of Plant	6,439,273	5,840,474	(598,799)	-9.3%
MSU Billings Total	39,327,566	37,328,747	(1,998,819)	-5.1%
MSU Northern				
Instruction	6,710,058	6,105,214	(604,844)	-9.0%
Academic Support	1,579,696	1,799,739	220,043	13.9%
Student Services	2,298,042	2,789,034	490,992	21.4%
Institutional Support	1,432,034	1,678,607	246,573	17.2%
O & M of Plant	1,978,498	1,815,836	(162,662)	-8.2%
MSU Northern Total	13,998,328	14,188,430	190,102	1.4%
UM				
Instruction	78,963,450	71,315,242	(7,648,208)	-9.7%
Public Service	1,479,350	1,178,702	(300,648)	-20.3%
Academic Support	20,690,936	16,695,676	(3,995,260)	-19.3%
Student Services	10,782,188	9,849,941	(932,247)	-8.6%
Institutional Support	14,145,342	12,597,335	(1,548,007)	-10.9%
O & M of Plant	16,040,511	15,137,898	(902,613)	-5.6%
UM Total	142,101,777	126,774,794	(15,326,983)	-10.8%
MT Tech				
Instruction	15,794,635	18,506,444	2,711,809	17.2%
Academic Support	2,567,062	1,788,994	(778,068)	-30.3%
Student Services	3,078,988	3,284,770	205,782	6.7%
Institutional Support	2,122,483	2,660,703	538,220	25.4%
O & M of Plant	4,086,654	4,071,685	(14,969)	-0.4%
MT Tech Total	27,649,822	30,312,596	2,662,774	9.6%
UM Western				
Instruction	6,700,126	7,375,622	675,496	10.1%
Academic Support	1,168,945	1,104,084	(64,861)	-5.5%
Student Services	1,905,301	2,372,291	466,990	24.5%
Institutional Support	1,370,091	1,548,968	178,877	13.1%
O & M of Plant	1,671,324	1,790,031	118,707	7.1%
UM Western Total	12,815,787	14,190,996	1,375,209	10.7%
Net of Waivers, Research, Yellow Bay, Travel Research, & Motorcycle Safety				

Tuition

Tuition is approved by the Board of Regents. For the community colleges their tuition and fees are also approved by their local boards. The following table outlines the tuition and mandatory fees for each campus and their embedded 2-year campuses.

Academic Year Resident Undergraduate Tuition & Mandatory Fees								
	FY17 Tuition	FY18		FY19				
		\$ Increase	Tuition	% Increase	\$ Increase			Tuition
Montana State University	6,887	192	7,079	2.8%	165	7,244	2.3%	
University of Montana	Lower Div	6,238	825	7,063	13.2%	181	7,244	2.5%
	Upper Div	6,699	364	7,063	5.4%			
MSU Billings	5,827	6	5,833	0.1%	95	5,928	1.6%	
MSU Northern	Lower Div	4,922	939	5,861	19.1%	95	5,956	1.6%
	Upper Div	5,820	41	5,861	0.7%			
MT Tech	Lower Div	6,623	516	7,139	7.8%	272	7,411	3.8%
	Upper Div	7,139		7,139	0.0%			
UM Western	Lower Div	4,284	1,218	5,502	28.4%	215	5,717	3.8%
	Upper Div	5,502		5,502	0.0%			
Great Falls College	3,130	125	3,255	4.0%	131	3,386	3.9%	
Helena College	3,079	150	3,229	4.9%	120	3,349	3.6%	
Missoula College	3,588	157	3,745	4.4%	142	3,887	3.7%	
Gallatin College	3,161	119	3,280	3.8%	125	3,404	3.7%	
Highlands College	3,324	119	3,443	3.6%	125	3,568	3.5%	
Dawson Community College	In-District	1,815	45	1,860	2.5%	-	1,860	0.0%
	Out-of-District	2,535	90	2,625	3.6%	-	2,625	0.0%
Flathead Valley Community College	In-District	2,057	262	2,319	12.7%	85	2,404	3.6%
	Out-of-District	2,743	262	3,005	9.5%	85	3,090	2.8%
Miles Community College	In-District	1,995	68	2,063	3.4%	53	2,115	2.5%
	Out-of-District	2,610	98	2,708	3.7%	68	2,775	2.4%

Enrollment

The following chart includes total enrollment for FY 2013 through FY 2018. Total enrollment includes resident and non-resident students and both undergraduate and graduate level students.

Enrollment								
	FY13	FY14	FY15	FY16	FY17	FY18	FY13 to FY18	
							\$ Change	% Change
Dawson	295	309	269	236	257	288	(7)	-2.5%
Flathead Valley	1,781	1,626	1,526	1,472	1,513	1,474	(307)	-17.2%
Miles	390	357	360	382	423	429	39	9.9%
Great Falls	1,409	1,379	1,282	1,220	1,181	1,129	(280)	-19.9%
Helena	1,103	970	940	857	856	834	(269)	-24.4%
MSU	12,942	13,374	13,550	13,936	14,839	15,136	2,194	17.0%
Billings	4,319	4,153	3,923	3,640	3,448	3,376	(943)	-21.8%
Northern	1,156	1,148	1,105	1,095	1,121	1,072	(84)	-7.3%
UM	12,830	12,211	11,823	11,147	10,477	9,886	(2,944)	-22.9%
Tech	2,505	2,548	2,599	2,618	2,510	2,309	(196)	-7.8%
Western	1,439	1,410	1,355	1,352	1,450	1,437	(2)	-0.1%