

Benchmarks for School Media Library Centers in Colorado 2000

School Level/ Enrollment Range	STAFF PER 100 STUDENTS		WEEKLY SERVICE RATIOS					
	Endorsed specialists	Total Paid Staff	Individual visits per student	Group visits per 100 students	Individual IS visits per student	Group IS visits per 100 students	Circulation per student	ILL/100 circulation ratio
Colorado (N=1372)								
Average	0.17	0.38	0.98	6.16	0.42	4.50	1.40	2.90
95%	0.48	0.95	2.36	13.70	1.23	10.20	3.25	10.00
75%	0.23	0.44	1.18	6.33	0.69	4.65	2.08	1.70
50% (Median)	0.16	0.31	0.94	4.72	0.21	2.42	1.23	0.41
SCHOOL LEVEL								
Elementary (N=843)								
Average	0.15	0.35	0.96	6.61	0.44	5.44	1.83	1.10
95%	0.41	0.72	2.23	13.56	1.24	10.20	3.60	5.00
75%	0.24	0.42	1.17	6.70	0.82	5.08	2.35	1.00
50% (Median)	0.18	0.31	1.00	5.24	0.21	3.54	1.62	0.20
Junior High/Middle (N=261)								
Average	0.14	0.33	0.81	3.90	0.36	3.12	0.69	3.27
95%	0.47	0.95	2.44	9.20	1.08	9.46	1.62	10.18
75%	0.18	0.40	1.05	4.41	0.48	3.60	0.81	2.23
50% (Median)	0.13	0.20	0.61	2.46	0.21	1.86	0.51	0.67
High School (N=204)								
Average	0.18	0.35	0.97	4.58	0.35	1.74	0.37	8.39
95%	0.48	0.87	3.12	16.25	1.08	4.81	1.16	36.00
75%	0.26	0.42	1.26	4.23	0.36	2.40	0.47	5.00
50% (Median)	0.12	0.27	0.76	2.03	0.21	1.10	0.30	1.67
Combined (N=64)								
Average	0.40	1.06	1.95	14.70	0.54	6.72	1.89	7.73
95%	1.33	2.47	6.01	88.76	1.53	23.89	6.09	40.94
75%	0.66	1.35	2.04	15.32	0.78	9.50	2.75	10.00
50% (Median)	0.27	0.96	1.46	8.35	0.37	3.53	1.53	2.65

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	Endorsed specialists	Total Paid Staff	Individual visits per student	Group visits per 100 students	Individual IS visits per student	Group IS visits per 100 students	Circulation per student	ILL/100 circulation ratio
ENROLLMENT RANGE								
2,000 & over (N=10)								
Average	0.09	0.20	1.82	1.59	0.19	0.79	0.21	2.04
95%	0.15	0.44	4.24	3.06	0.34	1.48	0.26	4.71
75%	0.10	0.31	2.59	2.02	0.26	1.11	0.25	4.32
50% (Median)	0.09	0.20	1.81	1.58	0.20	0.77	0.21	1.72
1,000-1,999 (N=100)								
Average	0.07	0.21	0.69	1.71	0.21	1.08	0.25	11.93
95%	0.14	0.35	2.50	3.47	0.53	3.19	0.71	36.00
75%	0.09	0.26	0.77	2.39	0.26	1.50	0.39	5.17
50% (Median)	0.08	0.19	0.51	1.62	0.14	0.82	0.14	1.00
700-999 (N=113)								
Average	0.11	0.22	0.70	6.00	0.41	2.66	0.67	3.80
95%	0.17	0.40	1.79	21.16	1.06	7.80	1.75	11.66
75%	0.14	0.26	0.97	4.65	0.77	3.62	1.00	1.67
50% (Median)	0.13	0.22	0.55	3.22	0.21	2.05	0.49	0.55
500-699 (N=305)								
Average	0.14	0.27	0.80	6.17	0.35	6.23	1.71	0.84
95%	0.22	0.37	2.26	8.61	1.11	8.96	4.30	4.69
75%	0.19	0.32	1.09	5.60	0.60	3.97	2.28	0.50
50% (Median)	0.18	0.29	0.78	4.48	0.14	2.23	1.53	0.13
300-499 (N=427)								
Average	0.15	0.30	0.95	6.32	0.47	3.76	1.66	1.39
95%	0.31	0.49	1.84	14.86	1.39	8.74	3.10	5.00
75%	0.25	0.36	1.20	6.77	0.91	5.10	2.36	1.63
50% (Median)	0.21	0.28	1.02	5.33	0.21	3.53	1.62	0.40
Under 300 (N=417)								
Average	0.24	0.64	1.26	7.23	0.47	5.40	1.40	3.53
95%	0.58	1.23	3.12	16.67	1.24	13.89	3.91	20.39
75%	0.41	0.77	1.45	7.62	0.77	5.24	1.62	3.00
50% (Median)	0.19	0.51	1.05	5.20	0.36	3.14	1.16	0.71

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ROLES OF LIBRARY MEDIA STAFF

PERCENTAGE OF LMC STAFF HOURS SPENT IN COLLABORATIVE & LEADERSHIP ACTIVITIES

School Level/ Enrollment Range	Identify Materials for teachers	Teaching	Providing in-service	Reading Incentives	Collection Develop- ment	Meeting with LM staff	Meeting with principal	Attending faculty meetings	Serving on school committees	Managing computer network
Colorado (N=1372)										
Average	7%	20%	2%	9%	6%	2%	2%	2%	2%	15%
95%	16%	50%	6%	30%	20%	7%	5%	5%	6%	38%
75%	9%	29%	3%	13%	8%	3%	3%	3%	3%	23%
50% (Median)	6%	18%	2%	5%	5%	2%	2%	2%	2%	13%
SCHOOL LEVEL										
Elementary (N=843)										
Average	6%	20%	2%	12%	5%	2%	2%	2%	2%	14%
95%	15%	50%	5%	34%	15%	7%	5%	5%	5%	38%
75%	8%	30%	3%	18%	6%	3%	3%	3%	3%	21%
50% (Median)	5%	19%	2%	9%	4%	2%	2%	2%	2%	11%
Junior High/Middle (N=261)										
Average	8%	22%	3%	4%	7%	2%	1%	2%	2%	14%
95%	19%	57%	11%	16%	20%	5%	3%	5%	8%	36%
75%	11%	31%	4%	5%	10%	3%	3%	3%	3%	18%
50% (Median)	6%	20%	2%	3%	6%	2%	1%	2%	1%	13%
High School (N=204)										
Average	7%	19%	2%	3%	8%	2%	2%	2%	2%	21%
95%	20%	44%	7%	12%	22%	10%	3%	5%	11%	39%
75%	10%	25%	3%	3%	11%	3%	2%	2%	3%	30%
50% (Median)	6%	17%	2%	1%	6%	2%	1%	1%	1%	19%
Combined (N=64)										
Average	8%	13%	2%	9%	11%	2%	3%	2%	2%	14%
95%	18%	32%	8%	27%	29%	7%	7%	5%	8%	36%
75%	11%	18%	3%	13%	13%	3%	3%	3%	3%	19%
50% (Median)	6%	13%	0%	7%	8%	2%	3%	3%	1%	12%

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PERCENTAGE OF LMC STAFF HOURS SPENT IN COLLABORATIVE & LEADERSHIP ACTIVITIES

School Level/ Enrollment Range	Identify Materials for teachers	Teaching	Providing in-service	Reading Incentives	Collection Develop- ment	Meeting with LM staff	Meeting with principal	Attending faculty meetings	Serving on school committees	Managing computer network
ENROLLMENT RANGE										
2,000 & over (N=10)										
Average	6%	19%	3%	1%	3%	2%	1%	1%	1%	21%
95%	8%	32%	15%	3%	6%	4%	1%	2%	2%	34%
75%	7%	26%	2%	2%	5%	3%	1%	2%	1%	32%
50% (Median)	6%	19%	1%	1%	2%	1%	1%	1%	1%	20%
1,000-1,999 (N=100)										
Average	9%	24%	2%	2%	6%	1%	1%	1%	1%	16%
95%	21%	50%	9%	12%	19%	3%	3%	3%	4%	40%
75%	13%	30%	2%	2%	8%	1%	1%	1%	1%	25%
50% (Median)	8%	25%	1%	1%	4%	1%	1%	1%	1%	14%
700-999 (N=113)										
Average	7%	24%	4%	8%	7%	3%	1%	2%	2%	13%
95%	13%	55%	11%	25%	25%	7%	3%	4%	7%	35%
75%	9%	39%	5%	13%	10%	3%	3%	3%	3%	19%
50% (Median)	6%	22%	3%	5%	3%	2%	1%	2%	1%	10%
500-699 (N=305)										
Average	7%	23%	2%	12%	6%	2%	1%	2%	2%	12%
95%	17%	50%	6%	43%	15%	6%	3%	5%	11%	36%
75%	9%	32%	3%	17%	7%	3%	2%	3%	3%	15%
50% (Median)	5%	22%	2%	7%	4%	2%	1%	2%	2%	10%
300-499 (N=427)										
Average	6%	21%	2%	10%	5%	2%	2%	2%	2%	14%
95%	13%	48%	5%	34%	13%	5%	5%	5%	4%	38%
75%	8%	30%	3%	15%	6%	3%	3%	3%	3%	21%
50% (Median)	5%	19%	2%	8%	5%	2%	2%	3%	2%	10%
Under 300 (N=417)										
Average	7%	16%	2%	7%	8%	3%	2%	2%	2%	18%
95%	20%	33%	6%	19%	27%	10%	6%	6%	8%	38%
75%	8%	23%	3%	13%	12%	3%	3%	3%	3%	29%
50% (Median)	6%	13%	2%	5%	6%	2%	2%	3%	2%	15%

Benchmarks for School Media Library Centers in Colorado 2000

School Level/ Enrollment Range	COLLECTION RATIOS					EXPENDITURES PER STUDENT				
	Volumes per student	Per 100 Students				Print materials	Materials in electronic formats	Non- print materials	Electronic access to information	Total operating
		Print subscript	Audio	Videos	Software					
Colorado (N=1372)										
Average	23.65	5.97	25.42	59.51	13.25	11.64	2.13	1.44	2.13	23.04
95%	50.47	16.25	116.60	152.52	55.03	27.19	8.70	5.22	11.21	59.28
75%	28.10	6.40	28.00	74.36	9.77	13.62	2.30	1.92	1.83	23.72
50% (Median)	20.58	3.92	9.58	36.40	3.13	8.62	0.73	0.67	0.44	14.13
SCHOOL LEVEL										
Elementary (N=843)										
Average	23.86	4.06	28.91	49.27	17.49	9.75	1.96	1.20	1.41	19.28
95%	49.92	9.08	117.03	119.62	71.48	20.04	8.55	3.91	4.18	57.97
75%	29.30	4.43	31.90	71.43	13.89	12.13	2.08	1.75	0.93	20.37
50% (Median)	21.80	3.31	14.08	35.19	5.31	8.54	0.69	0.05	0.00	12.33
Junior High/Middle (N=261)										
Average	19.92	6.36	17.38	52.46	4.86	10.09	1.24	0.95	1.25	18.07
95%	47.62	14.14	109.98	156.38	16.72	20.86	3.60	2.83	3.62	50.53
75%	23.56	7.98	10.34	60.66	7.02	13.33	2.05	1.35	2.00	21.29
50% (Median)	17.99	5.41	4.39	34.57	1.92	8.40	0.76	0.73	0.53	14.07
High School (N=204)										
Average	18.13	6.76	11.95	79.13	2.42	11.43	2.18	1.80	3.38	24.63
95%	44.07	16.14	67.66	186.49	12.07	24.16	8.77	8.22	12.50	53.78
75%	22.96	10.41	9.79	81.86	2.60	16.33	3.39	2.33	4.18	34.23
50% (Median)	12.89	5.26	4.38	38.23	0.57	10.31	0.44	0.87	2.63	21.38
Combined (N=64)										
Average	56.05	27.39	51.93	164.55	24.56	45.42	8.34	5.85	11.35	87.69
95%	156.26	57.14	209.27	520.34	202.81	152.37	30.46	26.20	49.78	364.67
75%	84.15	40.27	77.76	198.08	16.95	51.06	8.63	6.36	13.13	92.31
50% (Median)	41.33	24.16	31.67	104.70	5.62	34.27	2.77	2.54	3.51	58.11

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	Volumes per student	Per 100 Students				Print materials	Materials in electronic formats	Non- print materials	Electronic access to information	Total operating
		Print subscript	Audio	Videos	Software					
ENROLLMENT RANGE										
2,000 & over (N=10)										
Average	10.79	2.62	7.98	18.63	0.63	7.80	0.48	0.20	2.28	14.49
95%	20.73	5.43	14.65	42.27	1.38	15.50	1.83	0.74	4.08	24.38
75%	15.30	3.40	10.42	39.90	1.23	10.53	1.36	0.34	2.67	15.30
50% (Median)	11.89	2.51	7.98	10.67	0.51	6.80	0.08	0.08	2.15	14.69
1,000-1,999 (N=100)										
Average	9.80	4.41	7.21	33.75	1.34	7.05	0.54	1.19	3.01	14.59
95%	15.88	8.41	29.96	101.49	10.31	13.53	4.21	5.67	11.29	26.93
75%	12.05	4.78	7.15	50.78	0.97	8.68	0.69	1.38	4.22	17.06
50% (Median)	9.41	2.91	3.35	23.14	0.28	6.48	0.08	0.55	2.27	12.96
700-999 (N=113)										
Average	14.70	3.83	15.28	43.61	4.28	8.11	0.99	0.84	1.26	12.93
95%	23.70	9.63	76.53	117.94	16.72	18.55	3.00	2.83	4.36	26.62
75%	18.07	5.73	13.02	52.57	6.71	10.90	1.53	1.21	2.05	15.69
50% (Median)	13.64	2.79	8.14	29.30	1.49	6.89	0.66	0.51	0.00	11.68
500-699 (N=305)										
Average	20.49	3.59	30.40	43.41	10.76	8.11	1.39	0.92	0.73	13.97
95%	38.66	7.96	117.03	150.95	55.03	14.72	5.87	3.10	3.15	27.91
75%	23.30	3.97	30.39	47.69	9.00	11.16	1.57	1.15	0.92	17.53
50% (Median)	18.50	3.05	15.53	29.04	2.27	7.54	0.81	0.48	0.00	12.74
300-499 (N=427)										
Average	21.33	4.74	19.62	53.19	18.53	9.95	1.64	1.45	1.34	16.54
95%	34.27	10.91	71.25	121.30	97.24	20.93	7.38	5.90	6.14	41.03
75%	24.41	5.60	24.52	79.58	9.15	12.22	2.16	2.23	1.19	20.37
50% (Median)	20.58	4.12	8.13	41.18	3.13	8.62	0.59	0.52	0.00	13.03
Under 300 (N=417)										
Average	35.11	10.09	35.33	88.65	15.14	18.40	4.00	2.10	3.99	41.32
95%	70.61	31.10	134.32	332.28	52.36	42.98	18.50	6.33	18.66	112.26
75%	43.35	13.33	56.41	93.53	15.88	20.04	3.96	2.19	2.79	48.53
50% (Median)	29.80	6.40	13.38	57.14	7.58	13.64	1.93	1.23	0.84	23.54