

Ambulatory Surgical Centers Need Methodology

Effective March 2020

The following projections were made based on the 2018 Annual Certificate of Need Reports of Ambulatory Surgical Centers and Hospitals data using Montana Department of Commerce Census & Economic Information Center population projections.

Region	2018 population	2018 Hospital Inpatient Surgeries	2018 Hospital Outpatient Surgeries	2018 ASC Surgeries	2018 Total Surgeries	*2018 Surgery Rate	2021 Projected Population	**2021 Projected Total Surgeries	***2021 Projected Outpatient Surgeries	^Future Hours Needed	^^Future Suites Needed
1	79,600	646	2,989	0	3,635	46	79,148	3,614	2,711	4,066	2
2	143,706	3,623	8,630	3,603	15,856	110	143,620	15,847	11,885	17,827	11
3	218,724	9,552	14,383	19,336	43,271	198	222,222	43,963	32,972	49,458	29
4	290,002	4,626	14,810	13,301	32,737	113	295,510	33,359	25,019	37,529	23
5	330,273	8,669	24,245	33,316	66,230	201	344,063	68,995	51,746	77,620	47
State Total	1,062,305	27,116	65,057	69,556	161,729	152	1,084,563	165,118	123,838	185,757	112

*surgery rate (per 1000 population) = (total surgeries performed/2017 population) x 1000

**projected total surgeries = surgery rate x (projected 2020 population/1000)

***projected outpatient surgeries = projected total surgeries x .75 hours

^ future hours needed = projected OP surgeries x 1.5 hours

^^future suites needed = future hours needed/1664 (operating suite capacity is 1664 = 80% utilization x 40 hours x 52 weeks)

Future suites needed includes both hospital-based and freestanding services.