

Department of Health
2023-2024 Percutaneous Coronary Intervention Numeric Need Methodology
Using CHARS and CN Survey Data

Planning Area	County	2022 15+ Pop	2022 PCI Pop./1000 (1a)	2022 Inpatient PCIs CHARS	2022 Outpatient PCIs SURVEY	Total PSA PCIs	2022 Use Rate (1b)	2027 15+ Pop	2027 PCI Pop./1000 (1a)	2027 Use Rate	2027 Projected Demand (2a)	Current PCI Capacity (3d)	2027 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 1	Adams	15,011		13	14			15,925							
	Asotin	18,787		<10	<10			19,318							
	Ferry	6,106		<10	10			6,158							
	Grant	77,696		83	93			83,911							
	Lincoln	9,146		13	20			9,344							
	Pend Oreille	11,556		16	13			12,151							
	Spokane	449,627		541	420			471,850							
	Stevens	39,207		50	76			41,470							
	Whitman	42,114		25	20			42,977							
	Total:		669,251	669.25			1420	2.12	703,104	703.1	2.12	1,492	1,464	28	0.14
PSA 2	Benton	166,740		177	153			180,604							
	Columbia	3,334		<10	<10			3,226							
	Franklin	74,309		79	48			82,903							
	Garfield	1,905		<10	<10			1,889							
	Walla Walla	52,330		79	31			53,324							
	Total:		298,618	298.62			580	1.94	321,946	321.9	1.94	625	530	95	0.48
PSA 3	Chelan	65,617		95	126			69,102							
	Douglas	35,040		38	66			37,747							
	Okanogan	34,680		50	66			35,562							
	Total:		135,338	135.34			441	3.26	142,411	142.4	3.26	464	539	-75	-0.37
PSA 4	Kittitas	40,504		41	49			42,399							
	Klickitat East	7,015		<10	<10			7,391							
	Yakima	198,179		241	189			206,358							
	Total:		245,698	245.70			532	2.17	256,148	256.1	2.17	555	396	159	0.79
PSA 5	Clark	422,070		381	285			461,178							
	Cowlitz	91,413		150	121			95,085							
	Klickitat Wes	12,954		<10	<10			13,785							
	Skamania	10,016		<10	<10			10,679							
	Wahkiakum	3,904		<10	<10			4,076							
	Total:		540,357	540.36			957	1.77	584,803	584.8	1.77	1,036	1,027	9	0.04

Source: County_Age Pop. Projections OFM January 2023
Sub county Pop Claritas 2020-2029
2022 COAP Data (Inpatient and Outpatient)

Department of Health
2023-2024 Percutaneous Coronary Intervention Numeric Need Methodology
Using CHARS and CN Survey Data

Planning Area	County	2022 15+ Pop	2022 PCI Pop./1000 (1a)	2022 Inpatient PCIs CHARS	2022 Outpatient PCIs SURVEY	Total PSA PCIs	2022 Use Rate (1b)	2027 15+ Pop	2027 PCI Pop./1000 (1a)	2027 Use Rate	2027 Projected Demand (2a)	Current PCI Capacity (3d)	2027 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 6	Grays Harbor	63,523		126	103			64,644							
	Lewis	68,291		156	115			70,681							
	Mason	56,608		81	128			59,934							
	Pacific	20,567		29	16			21,104							
	Thurston	249,226		349	263			267,586							
	Total:	458,215	458.22			1366	2.98	483,949	483.9	2.98	1,443	1,101	342	1.71	1
PSA 7	Pierce East	338,469		420	376			358,965							
	Total:	338,469	338.47			796	2.35	358,965	359.0	2.35	844	359	485	2.43	2
PSA 8	Pierce West	410,053		353	551			423,259							
	Total:	410,053	410.05			904	2.20	423,259	423.3	2.20	933	1,486	-553	-2.76	0
PSA 9	King East	1,050,942		787	898			1,098,675							
	Total:	1,050,942	1,050.94			1685	1.60	1,098,675	1098.7	1.60	1,762	1,797	-35	-0.18	0
PSA 10	King West	900,915		561	587			937,322							
	Total:	900,915	900.92			1148	1.27	937,322	937.3	1.27	1,194	1,965	-771	-3.85	0
PSA 11	Snohomish	690,673		837	678			741,274							
	Total:	690,673	690.67			1515	2.19	741,274	741.3	2.19	1,626	1,218	408	2.04	2
PSA 12	Island	74,452		113	100			76,946							
	San Juan	16,318		28	56			17,423							
	Skagit	109,006		158	134			115,154							
	Total:	199,775	199.77			589	2.95	209,522	209.5	2.95	618	187	431	2.15	2
PSA 13	Clallam	67,710		104	221			69,898							
	Jefferson	30,425		40	89			32,067							
	Kitsap	232,222		223	602			240,793							
	Total:	330,357	330.36			1279	3.87	342,758	342.8	3.87	1,327	1,120	207	1.04	1
PSA 14	Whatcom	195,043		255	538			206,716							
	Total:	195,043	195.04			793	4.07	206,716	206.7	4.07	840	1,093	-253	-1.26	0

Source: County_Age Pop. Projections OFM January 2023
Sub county Pop Claritas 2020-2029
2022 COAP Data (Inpatient and Outpatient)

Department of Health
2023-2024 Percutaneous Coronary Intervention Numeric Need Methodology
Using COAP Data

Planning Area	County	2022 15+ Pop	2022 PCI Pop./1000 (1a)	2022 PCIs (COAP ONLY)	2022 Use Rate (1b)	2027 15+ Pop	2027 PCI Pop./1000 (1a)	2027 Use Rate	2027 Projected Demand (2a)	Current PCI Capacity (3d)	2027 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 1	Adams	15,011		21		15,925							
	Asotin	18,787		<10		19,318							
	Ferry	6,106		<10		6,158							
	Grant	77,696		132		83,911							
	Lincoln	9,146		16		9,344							
	Pend Oreille	11,556		22		12,151							
	Spokane	449,627		582		471,850							
	Stevens	39,207		94		41,470							
	Whitman	42,114		31		42,977							
	Total:		669,251	669.25		1.36	703,104	703.1	1.36	958	1,591	-633	-3.16
PSA 2	Benton	166,740		335		180,604							
	Columbia	3,334		23		3,226							
	Franklin	74,309		123		82,903							
	Garfield	1,905		<10		1,889							
	Walla Walla	52,330		143		53,324							
	Total:		298,618	298.62		2.09	321,946	321.9	2.09	673	596	77	0.38
PSA 3	Chelan	65,617		161		69,102							
	Douglas	35,040		81		37,747							
	Okanogan	34,680		94		35,562							
	Total:		135,338	135.34		2.48	142,411	142.4	2.48	354	383	-29	-0.15
PSA 4	Kittitas	40,504		91		42,399							
	Klickitat East	7,015		16		7,391							
	Yakima	198,179		458		206,358							
	Total:		245,698	245.70		2.30	256,148	256.1	2.30	589	412	177	0.89
PSA 5	Clark	422,070		529		461,178							
	Cowlitz	91,413		271		95,085							
	Klickitat Wes	12,954		<10		13,785							
	Skamania	10,016		<10		10,679							
	Wahkiakum	3,904		13		4,076							
	Total:		540,357	540.36		1.52	584,803	584.8	1.52	887	895	-8	-0.04

Source: County_Age Pop. Projections OFM January 2023
Sub county Pop Claritas 2020-2029
2022 COAP Data (Inpatient and Outpatient)

Department of Health
2023-2024 Percutaneous Coronary Intervention Numeric Need Methodology
Using COAP Data

Planning Area	County	2022 15+ Pop	2022 PCI Pop./1000 (1a)	2022 PCIs (COAP ONLY)	2022 Use Rate (1b)	2027 15+ Pop	2027 PCI Pop./1000 (1a)	2027 Use Rate	2027 Projected Demand (2a)	Current PCI Capacity (3d)	2027 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 6	Grays Harbo	63,523		191		64,644							
	Lewis	68,291		301		70,681							
	Mason	56,608		204		59,934							
	Pacific	20,567		46		21,104							
	Thurston	249,226		689		267,586							
	Total:	458,215	458.22		3.12	483,949	483.9	3.12	1,511	1,277	234	1.17	1
PSA 7	Pierce East	338,469		802		358,965							
	Total:	338,469	338.47		2.37	358,965	359.0	2.37	851	396	455	2.27	2
PSA 8	Pierce West	410,053		761		423,259							
	Total:	410,053	410.05		1.86	423,259	423.3	1.86	786	1,329	-543	-2.72	0
PSA 9	King East	1,050,942		1617		1,098,675							
	Total:	1,050,942	1,050.94		1.54	1,098,675	1098.7	1.54	1,690	1,607	83	0.42	0
PSA 10	King West	900,915		1170		937,322							
	Total:	900,915	900.92		1.30	937,322	937.3	1.30	1,217	2,192	-975	-4.87	0
PSA 11	Snohomish	690,673		1656		741,274							
	Total:	690,673	690.67		2.40	741,274	741.3	2.40	1,777	1,357	420	2.10	2
PSA 12	Island	74,452		240		76,946							
	San Juan	16,318		60		17,423							
	Skagit	109,006		298		115,154							
	Total:	199,775	199.77		2.99	209,522	209.5	2.99	627	283	344	1.72	1
PSA 13	Clallam	67,710		248		69,898							
	Jefferson	30,425		93		32,067							
	Kitsap	232,222		622		240,793							
	Total:	330,357	330.36		2.92	342,758	342.8	2.92	999	824	175	0.88	0
PSA 14	Whatcom	195,043		560		206,716							
	Total:	195,043	195.04		2.87	206,716	206.7	2.87	594	716	-122	-6.12	0

Source: County_Age Pop. Projections OFM January 2023
Sub county Pop Claritas 2020-2029
2022 COAP Data (Inpatient and Outpatient)