

Department of Health
2024-2025 Percutaneous Coronary Intervention Numeric Need Methodology
Using CHARS and CN Survey Data

Planning Area	County	2023 15+ Pop	2023 PCI Pop./1000 (1a)	2023 Inpatient PCIs CHARS	2023 Outpatient PCIs SURVEY	Total PSA PCIs	2023 Use Rate (1b)	2028 15+ Pop	2028 PCI Pop./1000 (1a)	2028 Use Rate	2028 Projected Demand (2a)	Current PCI Capacity (3d)	2028 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 1	Adams	15,204		18	21			16,093							
	Asotin	18,892		<10	<10			19,425							
	Ferry	6,121		<10	12			6,163							
	Grant	78,988		75	77			85,079							
	Lincoln	9,200		12	13			9,363							
	Pend Oreille	11,686		13	13			12,254							
	Spokane	454,061		544	425			476,311							
	Stevens	39,704		61	42			41,856							
	Whitman	42,286		28	17			43,151							
	Total:		676,141	676.14			1389	2.05	709,695	709.7	2.05	1,458	1,386	72	0.36
PSA 2	Benton	169,465		198	207			183,448							
	Columbia	3,308		<10	<10			3,210							
	Franklin	76,040		75	50			84,605							
	Garfield	1,900		<10	<10			1,888							
	Walla Walla	52,538		105	20			53,509							
	Total:		303,252	303.25			662	2.18	326,660	326.7	2.18	713	600	113	0.57
PSA 3	Chelan	66,335		87	108			69,768							
	Douglas	35,609		41	49			38,246							
	Okanogan	34,868		57	63			35,722							
	Total:		136,812	136.81			405	2.96	143,736	143.7	2.96	425	460	-35	-0.17
PSA 4	Kittitas	40,897		34	26			42,757							
	Klickitat East	7,100		11	<10			7,338							
	Yakima	199,861		220	201			207,923							
	Total:		247,859	247.86			493	1.99	258,018	258.0	1.99	513	352	161	0.81
PSA 5	Clark	430,084		413	325			468,712							
	Cowlitz	92,099		146	244			95,892							
	Klickitat Wes	13,013		<10	<10			13,466							
	Skamania	10,155		10	<10			10,802							
	Wahkiakum	3,943		<10	11			4,102							
	Total:		549,295	549.30			1169	2.13	592,974	593.0	2.13	1,262	1,295	-33	-0.17
PSA 6	Grays Harbo	63,778		137	100			64,821							
	Lewis	68,782		136	150			71,140							

Sources: County_Age Pop. Projections OFM January 2023
Sub county Pop Claritas 2020-2030
2023 CHARS (Inpatient) CN Survey Data (Outpatient)

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Using CHARS and CN Survey Data

Planning Area	County	2023 15+ Pop	2023 PCI Pop./1000 (1a)	2023 Inpatient PCIs CHARS	2023 Outpatient PCIs SURVEY	Total PSA PCIs	2023 Use Rate (1b)	2028 15+ Pop	2028 PCI Pop./1000 (1a)	2028 Use Rate	2028 Projected Demand (2a)	Current PCI Capacity (3d)	2028 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
	Mason	57,271		102	81			60,602							
	Pacific	20,686		21	26			21,195							
	Thurston	252,801		352	300			271,404							
	Total:	463,318	463.32			1405	3.03	489,162	489.2	3.03	1,483	1,148	335	1.68	1
PSA 7	Pierce East	340,417		427	206			356,667							
	Total:	340,417	340.42			633	1.86	356,667	356.7	1.86	663	388	275	1.38	1
PSA 8	Pierce West	407,967		407	247			415,321							
	Total:	407,967	407.97			654	1.60	415,321	415.3	1.60	666	872	-206	-1.03	0
PSA 9	King East	1,057,431		818	693			1,103,710							
	Total:	1,057,431	1,057.43			1511	1.43	1,103,710	1103.7	1.43	1,577	1,520	57	0.29	0
PSA 10	King West	904,618		556	587			939,675							
	Total:	904,618	904.62			1143	1.26	939,675	939.7	1.26	1,187	2,340	-1,153	-5.76	0
PSA 11	Snohomish	700,579		842	789			751,715							
	Total:	700,579	700.58			1631	2.33	751,715	751.7	2.33	1,750	1,295	455	2.28	2
PSA 12	Island	74,871		126	111			77,563							
	San Juan	16,553		33	44			17,622							
	Skagit	110,230		189	211			116,391							
	Total:	201,654	201.65			714	3.54	211,577	211.6	3.54	749	324	425	2.13	2
PSA 13	Clallam	68,129		122	129			70,364							
	Jefferson	30,757		34	64			32,389							
	Kitsap	233,836		241	256			242,657							
	Total:	332,722	332.72			846	2.54	345,410	345.4	2.54	878	675	203	1.02	1
PSA 14	Whatcom	197,394		265	582			209,026							
	Total:	197,394	197.39			847	4.29	209,026	209.0	4.29	897	1,109	-212	-1.06	0

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Using COAP Data

Planning Area	County	2023 15+ Pop	2023 PCI Pop./1000 (1a)	2023 PCIs (COAP ONLY)	2023 Use Rate (1b)	2028 15+ Pop	2028 PCI Pop./1000 (1a)	2028 Use Rate	2028 Projected Demand (2a)	Current PCI Capacity (3d)	2028 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 1	Adams	15,204		29		16,093							
	Asotin	18,892		<10		19,425							
	Ferry	6,121		<10		6,163							
	Grant	78,988		112		85,079							
	Lincoln	9,200		15		9,363							
	Pend Oreille	11,686		16		12,254							
	Spokane	454,061		559		476,311							
	Stevens	39,704		73		41,856							
	Whitman	42,286		36		43,151							
	Total:		676,141	676.14		1.27	709,695	709.7	1.27	900	1,537	-637	-3.19
PSA 2	Benton	169,465		408		183,448							
	Columbia	3,308		<10		3,210							
	Franklin	76,040		133		84,605							
	Garfield	1,900		<10		1,888							
	Walla Walla	52,538		157		53,509							
	Total:		303,252	303.25		2.33	326,660	326.7	2.33	762	654	108	0.54
PSA 3	Chelan	66,335		132		69,768							
	Douglas	35,609		64		38,246							
	Okanogan	34,868		84		35,722							
	Total:		136,812	136.81		2.05	143,736	143.7	2.05	294	327	-33	-0.16
PSA 4	Kittitas	40,897		70		42,757							
	Klickitat East	7,100		12		7,338							
	Yakima	199,861		441		207,923							
	Total:		247,859	247.86		2.11	258,018	258.0	2.11	544	388	156	0.78
PSA 5	Clark	430,084		612		468,712							
	Cowlitz	92,099		260		95,892							
	Klickitat Wes	13,013		<10		13,466							
	Skamania	10,155		16		10,802							
	Wahkiakum	3,943		12		4,102							
	Total:		549,295	549.30		1.65	592,974	593.0	1.65	977	1,018	-41	-0.21
PSA 6	Grays Harbo	63,778		174		64,821							
	Lewis	68,782		287		71,140							

Sources: County_Age Pop. Projections OFM January 2023
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2023 COAP Data (Inpatient and Outpatient)

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Planning Area	County	2023 15+ Pop	2023 PCI Pop./1000 (1a)	2023 PCIs (COAP ONLY)	2023 Use Rate (1b)	2028 15+ Pop	2028 PCI Pop./1000 (1a)	2028 Use Rate	2028 Projected Demand (2a)	Current PCI Capacity (3d)	2028 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
	Mason	57,271		197		60,602							
	Pacific	20,686		39		21,195							
	Thurston	252,801		686		271,404							
	Total:	463,318	463.32		2.98	489,162	489.2	2.98	1,460	1,298	162	0.81	0
PSA 7	Pierce East	340,417		539		356,667							
	Total:	340,417	340.42		1.58	356,667	356.7	1.58	565	408	157	0.78	0
PSA 8	Pierce West	407,967		728		415,321							
	Total:	407,967	407.97		1.78	415,321	415.3	1.78	741	1,222	-481	-2.40	0
PSA 9	King East	1,057,431		1536		1,103,710							
	Total:	1,057,431	1,057.43		1.45	1,103,710	1103.7	1.45	1,603	1,765	-162	-0.81	0
PSA 10	King West	904,618		1108		939,675							
	Total:	904,618	904.62		1.22	939,675	939.7	1.22	1,151	2,581	-1,430	-7.15	0
PSA 11	Snohomish	700,579		1673		751,715							
	Total:	700,579	700.58		2.39	751,715	751.7	2.39	1,795	1,458	337	1.69	1
PSA 12	Island	74,871		209		77,563							
	San Juan	16,553		46		17,622							
	Skagit	110,230		298		116,391							
	Total:	201,654	201.65		2.74	211,577	211.6	2.74	580	261	319	1.60	1
PSA 13	Clallam	68,129		268		70,364							
	Jefferson	30,757		106		32,389							
	Kitsap	233,836		593		242,657							
	Total:	332,722	332.72		2.91	345,410	345.4	2.91	1,004	849	155	0.77	0
PSA 14	Whatcom	197,394		571		209,026							
	Total:	197,394	197.39		2.89	209,026	209.0	2.89	605	754	-149	-7.47	0

Sources: County_Age Pop. Projections OFM January 2023
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