

Department of Health
2018-2019 Percutaneous Coronary Intervention Numeric Need Methodology
Using COAP data only



Planning Area	County	2017 15+ Pop	2017 PCI Pop./1000 (1a)	2017 PCIs (COAP ONLY)	WA pts from Oregon	2017 Use Rate (1b)	2022 15+ Pop	2022 PCI Pop./1000 (1a)	2022 Use Rate	2022 Projected Demand (2a)	Current PCI Capacity (3d)	2022 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 1	Adams	13,548		13			14,683							
	Asotin	18,439		3			19,104							
	Ferry	6,604		5			6,693							
	Grant	73,302		92			80,408							
	Lincoln	8,978		10			9,072							
	Pend Oreille	11,434		20			11,997							
	Spokane	405,615		571			427,280							
	Stevens	37,284		43			39,117							
	Whitman	41,824		28			42,294							
	Total:		617,028	617.03	785	0	1.27	650,647	650.6	1.27	828	1,614	-786	-3.93
PSA 2	Benton	151,893		24			163,011							
	Columbia	3,441		6			3,375							
	Franklin	66,268		8			76,448							
	Garfield	1,912		2			1,902							
	Walla Walla	50,106		70			51,201							
	Total:		273,620	273.62	110	0	0.40	295,936	295.9	0.40	119	815	-696	-3.48
PSA 3	Chelan	61,452		132			64,485							
	Douglas	32,868		64			35,902							
	Okanogan	34,170		82			35,156							
	Total:		128,490	128.49	278	0	2.16	135,543	135.5	2.16	293	310	-17	-0.08
PSA 4	Kittitas	37,588		91			40,284							
	Klickitat East	6,644		0			6,946							
	Yakima	189,022		402			199,776							
	Total:		233,254	233.25	493	0	2.11	247,005	247.0	2.11	522	473	49	0.25
PSA 5	Clark	377,303		134	17		417,030							
	Cowlitz	86,477		80	10		90,431							
	Klickitat West	11,941		1	1		12,692							
	Skamania	9,860		3	1		10,471							
	Wahkiakum	3,484		7			3,509							
	Total:		489,064	489.06	225	29	0.52	534,133	534.1	0.52	277	774	-497	-2.48
PSA 6	Grays Harbor	60,899		271			61,848							
	Lewis	64,035		208			66,860							
	Mason	54,211		229			58,910							
	Pacific	18,237		26	1		18,277							
	Thurston	227,712		645			248,976							
	Total:		425,094	425.09	1379	1	3.25	454,871	454.9	3.25	1,477	1,093	384	1.92

Department of Health
2018-2019 Percutaneous Coronary Intervention Numeric Need Methodology
Using COAP data only



Planning Area	County	2017 15+ Pop	2017 PCI Pop./1000 (1a)	2017 PCIs (COAP ONLY)	WA pts from Oregon	2017 Use Rate (1b)	2022 15+ Pop	2022 PCI Pop./1000 (1a)	2022 Use Rate	2022 Projected Demand (2a)	Current PCI Capacity (3d)	2022 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 7	Pierce East	313,630		708			336,832							
	Total:	313,630	313.63	708	0	2.26	336,832	336.8	2.26	760	313	447	2.24	2
PSA 8	Pierce West	383,943		911			404,409							
	Total:	383,943	383.94	911	0	2.37	404,409	404.4	2.37	960	1,386	-426	-2.13	0
PSA 9	King East	987,724		1987			1,063,175							
	Total:	987,724	987.72	1987	0	2.01	1,063,175	1063.2	2.01	2,139	1,859	280	1.40	1
PSA 10	King West	837,532		1196			895,491							
	Total:	837,532	837.53	1196	0	1.43	895,491	895.5	1.43	1,279	2,918	-1,639	-8.20	0
PSA 11	Snohomish	639,666		1688			700,169							
	Total:	639,666	639.67	1688	0	2.64	700,169	700.2	2.64	1,848	1,372	476	2.38	2
PSA 12	Island	68,078		205			71,044							
	San Juan	14,679		24			15,379							
	Skagit	101,557		283			109,554							
	Total:	184,314	184.31	512	0	2.78	195,978	196.0	2.78	544	273	271	1.36	1
PSA 13	Clallam	62,941		220			64,830							
	Jefferson	28,201		112			29,721							
	Kitsap	218,159		558			231,228							
	Total:	309,302	309.30	890	0	2.88	325,778	325.8	2.88	937	674	263	1.32	1
PSA 14	Whatcom	181,277		389			195,977							
	Total:	181,277	181.28	389	0	2.15	195,977	196.0	2.15	421	467	-46	-0.23	0

Department of Health
2018-2019 Percutaneous Coronary Intervention Numeric Need Methodology
 Using CHARS and DOH survey data



Planning Area	County	2017 15+ Pop	2017 PCI Pop./1000 (1a)	2017 Inpatient PCIs CHARS	2017 Outpatient PCIs SURVEY	WA pts from Oregon	2017 Use Rate (1b)	2022 15+ Pop	2022 PCI Pop./1000 (1a)	2022 Use Rate	2022 Projected Demand (2a)	Current PCI Capacity (3d)	2022 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 1	Adams	13,548		10	4			14,683							
	Asotin	18,439		2	2			19,104							
	Ferry	6,604		5	7			6,693							
	Grant	73,302		76	26			80,408							
	Lincoln	8,978		14	11			9,072							
	Pend Oreille	11,434		27	12			11,997							
	Spokane	405,615		561	213			427,280							
	Stevens	37,284		62	21			39,117							
	Whitman	41,824		23	10			42,294							
	Total:		617,028	617.03	695	275	0	1.57	650,647	650.6	1.57	1,023	1,153	-130	-0.65
PSA 2	Benton	151,893		189	190			163,011							
	Columbia	3,441		6	2			3,375							
	Franklin	66,268		64	37			76,448							
	Garfield	1,912						1,902							
	Walla Walla	50,106		73	32			51,201							
	Total:		273,620	273.62	332	261	0	2.17	295,936	295.9	2.17	641	766	-125	-0.62
PSA 3	Chelan	61,452		86	25			64,485							
	Douglas	32,868		52	15			35,902							
	Okanogan	34,170		61	21			35,156							
	Total:		128,490	128.49	199	61	0	2.02	135,543	135.5	2.02	274	291	-17	-0.08
PSA 4	Kittitas	37,588		45	35			40,284							
	Klickitat East	6,644		5	0			6,946							
	Yakima	189,022		245	123			199,776							
	Total:		233,254	233.25	295	158	0	1.94	247,005	247.0	1.94	480	391	89	0.44
PSA 5	Clark	377,303		376	152	17		417,030							
	Cowlitz	86,477		153	87	10		90,431							
	Klickitat West	11,941		2	4	1		12,692							
	Skamania	9,860		3	2	1		10,471							
	Wahkiakum	3,484		8				3,509							
	Total:		489,064	489.06	542	245	29	1.67	534,133	534.1	1.67	891	1,108	-217	-1.08
PSA 6	Grays Harbor	60,899		128	110			61,848							
	Lewis	64,035		119	75			66,860							
	Mason	54,211		114	94			58,910							
	Pacific	18,237		14	12	1		18,277							
	Thurston	227,712		324	231			248,976							
	Total:		425,094	425.09	699	522	1	2.87	454,871	454.9	2.87	1,308	941	367	1.83

Source: County_Age Pop. Projections OFM August 2017
 Sub county Pop Claritas 2017-2022
 PCI Outpatient 2017 Data Survey By DOH
 PCI Inpatient CHARS Data for 2017

Department of Health
2018-2019 Percutaneous Coronary Intervention Numeric Need Methodology
 Using CHARS and DOH survey data



Planning Area	County	2017 15+ Pop	2017 PCI Pop./1000 (1a)	2017 Inpatient PCIs CHARS	2017 Outpatient PCIs SURVEY	WA pts from Oregon	2017 Use Rate (1b)	2022 15+ Pop	2022 PCI Pop./1000 (1a)	2022 Use Rate	2022 Projected Demand (2a)	Current PCI Capacity (3d)	2022 Projected Net Need (4)	Projected Need/200 (5a)	# of New Programs (5b)
PSA 7	Pierce East	313,630		372	254			336,832							
	Total:	313,630	313.63	372	254	0	2.00	336,832	336.8	2.00	672	307	365	1.83	1
PSA 8	Pierce West	383,943		472	264			404,409							
	Total:	383,943	383.94	472	264	0	1.92	404,409	404.4	1.92	775	1,192	-417	-2.08	0
PSA 9	King East	987,724		924	919			1,063,175							
	Total:	987,724	987.72	924	919	0	1.87	1,063,175	1063.2	1.87	1,984	1,740	244	1.22	1
PSA 10	King West	837,532		689	478			895,491							
	Total:	837,532	837.53	689	478	0	1.39	895,491	895.5	1.39	1,248	2,565	-1,317	-6.59	0
PSA 11	Snohomish	639,666		945	546			700,169							
	Total:	639,666	639.67	945	546	0	2.33	700,169	700.2	2.33	1,632	1,165	467	2.34	2
PSA 12	Island	68,078		130	48			71,044							
	San Juan	14,679		15	8			15,379							
	Skagit	101,557		153	47			109,554							
	Total:	184,314	184.31	298	103	0	2.18	195,978	196.0	2.18	426	162	264	1.32	1
PSA 13	Clallam	62,941		99	104			64,830							
	Jefferson	28,201		65	30			29,721							
	Kitsap	218,159		247	258			231,228							
	Total:	309,302	309.30	411	392	0	2.60	325,778	325.8	2.60	846	587	259	1.29	1
PSA 14	Whatcom	181,277		269	135			195,977							
	Total:	181,277	181.28	269	135	0	2.23	195,977	196.0	2.23	437	501	-64	-0.32	0