

Table 17C-5: Linear Accelerator Service Areas and Calculations

Service Area	2021 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2019-2020 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	146,591	2	73,296	6.78%	4,325	2,163	-1.36	
Area 2	432,198	8	54,025	22.77%	36,320	4,540	-2.62	
Area 3	103,076	1	103,076	15.25%	3,339	3,339	-0.51	
Area 4	176,963	3	58,988	17.00%	10,263	3,421	-1.48	
Area 5	375,970	6	62,662	6.84%	24,622	4,104	-2.35	
Area 6	485,085	5	97,017	8.19%	30,869	6,174	-0.43	
Area 7*	1,403,469	11	127,588	21.31%	76,249	6,932	0.30	1
Area 8	327,913	4	81,978	23.76%	19,320	4,830	-1.14	
Area 9	284,671	4	71,168	26.06%	16,457	4,114	-1.56	
Area 10	666,413	10	66,641	27.81%	54,288	5,429	-1.96	
Area 11*	171,014	1	171,014	10.71%	3,820	3,820	-0.43	
Area 12	631,125	7	90,161	22.16%	44,324	6,332	-0.43	
Area 13*	145,480	1	145,480	5.44%	3,270	3,270	-0.52	
Area 14**	227,027	6	37,838	71.62%	40,380	6,730	-0.02	
Area 15	195,020	2	97,510	15.71%	9,556	4,778	-0.58	
Area 16**	491,941	10	49,194	63.65%	45,027	4,503	-3.33	
Area 17	328,960	3	109,653	25.11%	19,483	6,494	-0.11	
Area 18	562,195	8	70,274	17.64%	29,694	3,712	-3.60	
Area 19	508,461	5	101,692	12.51%	32,530	6,506	-0.18	
Area 20	1,189,588	11	108,144	14.79%	46,285	4,208	-4.14	
Area 21*	138,043	1	138,043	0	0	0	-1	
Area 22	216,670	2	108,335	40.24%	10,269	5,135	-0.48	
Area 23*	243,144	2	121,572	11.13%	11,213	5,606	-0.34	
Area 24	197,469	3	65,823	15.13%	16,520	5,507	-0.55	
Area 25*	211,881	1	211,881	9.83%	5,195	5,195	-0.23	
Area 26	302,378	4	75,595	5.18%	13,188	3,297	-2.05	
Area 27	335,494	6	55,916	33.03%	28,962	4,827	-1.71	
Area 28	160,478	2	80,239	4.32%	7,525	3,763	-0.89	
Totals	10,658,717	129	82,626		643,289	4,987	-34.70	1

* Service Area has at least 120,000 base population per accelerator.

** Area has more than 45% of its patients coming from outside the service areas.