

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

Service Area	2022 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2020-2021 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	143,240	2	71,620	4.05%	2,699	1,349	-1.60	
Area 2	437,408	8	54,676	25.25%	32,547	4,068	-3.18	
Area 3	98,457	1	98,457	18.49%	2,260	2,260	-0.67	
Area 4	170,143	3	56,714	14.42%	10,193	3,398	-1.49	
Area 5	365,327	6	60,888	9.13%	22,652	3,775	-2.64	
Area 6	486,434	5	97,287	9.85%	53,296	10,659	2.90	
Area 7	1,423,655	12	118,638	22.19%	79,164	6,597	-0.27	
Area 8	343,520	4	85,880	22.71%	19,652	4,913	-1.09	
Area 9	298,918	4	74,730	26.06%	15,564	3,891	-1.69	
Area 10	660,182	10	66,018	28.05%	53,254	5,325	-2.11	
Area 11*	171,063	1	171,063	9.33%	3,743	3,743	-0.45	
Area 12	643,724	7	91,961	21.48%	41,438	5,920	-0.86	
Area 13*	145,359	1	145,359	12.77%	3,338	3,338	-0.51	
Area 14**	230,595	6	38,433	80.60%	60,032	10,005	2.89	1
Area 15	197,355	2	98,678	15.68%	9,613	4,806	-0.58	
Area 16**	495,501	10	49,550	61.53%	46,277	4,628	-3.14	
Area 17	322,475	3	107,492	23.96%	12,045	4,015	-1.22	
Area 18	532,337	8	66,542	16.59%	25,588	3,198	-4.21	
Area 19	484,598	5	96,920	17.38%	22,889	4,578	-1.61	
Area 20	1,251,139	11	113,740	17.45%	47,861	4,351	-3.91	
Area 21*	136,079	1	136,079		0	0	-1.00	
Area 22**	230,077	2	115,039	46.87%	9,608	4,804	-0.58	
Area 23	215,878	2	107,939	14.36%	14,000	7,000	0.07	
Area 24	187,930	4	46,983	17.73%	16,861	4,215	-1.50	
Area 25*	208,825	1	208,825	14.88%	4,559	4,559	-0.32	
Area 26	284,789	4	71,197	6.18%	13,382	3,345	-2.02	
Area 27	307,784	6	51,297	29.68%	31,966	5,328	-1.26	
Area 28	158,875	2	79,438	4.43%	8,026	4,013	-0.81	
Totals	10,631,667	131	81,158		662,501	5,057	-32.85	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.