

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

Service Area	2020 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2018-2019 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	146,569	2	73,285	10.03%	4,601	2,301	-1.32	
Area 2	434,659	8	54,332	19.79%	35,010	4,376	-2.81	
Area 3	104,916	1	104,916	13.40%	2,075	2,075	-0.69	
Area 4	177,388	3	59,129	10.28%	9,959	3,320	-1.52	
Area 5	374,896	6	62,483	7.59%	24,822	4,137	-2.32	
Area 6	481,387	5	96,277	8.18%	27,672	5,534	-0.90	
Area 7*	1,399,288	11	127,208	20.65%	75,340	6,849	0.16	
Area 8	327,282	4	81,821	24.00%	19,891	4,973	-1.05	
Area 9	280,844	4	70,211	26.05%	16,909	4,227	-1.49	
Area 10	666,915	10	66,692	27.07%	50,793	5,079	-2.48	
Area 11*	170,888	1	170,888	14.04%	4,093	4,093	-0.39	
Area 12	637,178	7	91,025	23.57%	45,206	6,458	-0.30	
Area 13*	145,807	1	145,807	10.67%	3,848	3,848	-0.43	
Area 14**	226,323	6	37,721	79.02%	40,917	6,819	0.06	
Area 15	197,721	2	98,861	14.41%	10,053	5,027	-0.51	
Area 16**	489,038	10	48,904	63.44%	46,619	4,662	-3.09	
Area 17	329,576	3	109,859	23.44%	20,523	6,841	0.04	
Area 18	562,640	8	70,330	14.11%	29,135	3,642	-3.68	
Area 19*	506,205	4	126,551	11.20%	30,752	7,688	0.56	1
Area 20	1,180,095	11	107,281	16.14%	47,543	4,322	-3.96	
Area 21*	137,358	1	137,358		0	0	-1.00	
Area 22	212,401	2	106,201	42.63%	10,462	5,231	-0.45	
Area 23*	242,325	2	121,163	9.19%	11,311	5,655	-0.32	
Area 24	199,100	3	66,367	15.22%	16,240	5,413	-0.59	
Area 25*	204,357	1	204,357	9.58%	4,395	4,395	-0.35	
Area 26	302,141	4	75,535	6.14%	12,761	3,190	-2.11	
Area 27	333,344	6	55,557	33.08%	20,211	3,368	-3.01	
Area 28	160,050	2	80,025	3.33%	8,605	4,303	-0.73	
Totals	10,630,691	128	83,052		629,741	4,920	-34.71	

* 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.