

Table 15C-5: Linear Accelerator Service Areas and Calculations

Service Area	2023 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2021-2022 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	144,707	2	72,354	7.56%	3,400	1,700	-1.50	
Area 2	442,851	7	63,264	27.40%	31,140	4,449	-2.39	
Area 3	102,342	1	102,342	20.00%	1,934	1,934	-0.71	
Area 4	174,477	3	58,159	11.84%	12,158	4,053	-1.20	
Area 5	376,168	6	62,695	10.23%	20,880	3,480	-2.91	
Area 6	507,797	5	101,559	10.58%	34,058	6,812	0.05	
Area 7*	1,475,958	12	122,997	21.23%	95,710	7,976	2.18	1
Area 8	360,729	4	90,182	19.07%	17,676	4,419	-1.38	
Area 9	313,152	4	78,288	24.35%	18,108	4,527	-1.32	
Area 10	673,692	10	67,369	29.21%	50,934	5,093	-2.45	
Area 11*	178,071	1	178,071	14.89%	2,815	2,815	-0.58	
Area 12	644,594	7	92,085	21.87%	44,299	6,328	-0.44	
Area 13*	146,358	1	146,358	9.93%	3,537	3,537	-0.48	
Area 14**	234,135	6	39,023	75.14%	39,686	6,614	-0.12	
Area 15	206,074	2	103,037	19.69%	5,594	2,797	-1.17	
Area 16**	502,395	10	50,240	62.46%	51,302	5,130	-2.40	
Area 17	335,828	4	83,957	21.53%	20,678	5,170	-0.94	
Area 18	550,993	8	68,874	17.46%	27,860	3,483	-3.87	
Area 19	529,014	5	105,803	10.01%	34,265	6,853	0.08	
Area 20	1,293,613	12	107,801	11.13%	52,308	4,359	-4.25	
Area 21*	145,438	1	145,438					
Area 22*	249,714	2	124,857	39.61%	11,486	5,743	-0.30	
Area 23	220,332	2	110,166	19.41%	11,610	5,805	-0.28	
Area 24	197,234	4	49,309	17.73%	16,110	4,028	-1.61	
Area 25*	214,782	1	214,782	17.76%	6,339	6,339	-0.06	
Area 26	285,994	4	71,499	4.26%	9,742	2,435	-2.56	
Area 27	313,021	6	52,170	30.98%	3,926	654	-5.42	
Area 28	164,643	2	82,322	3.03%	8,249	4,125	-0.78	
Totals	10,984,106	132	83,213		635,799	4,817	-37.81	

* 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.