

Table 9H: Linear Accelerator Service Areas and Calculations

Service Area	2015 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2013-2014 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	137,822	2	68,911		2,093	1,047	-1.69	*
Area 2	415,350	7	59,336	10.69%	32,455	4,636	-2.19	*
Area 3	98,542	1	98,542	9.07%	4,871	4,871	-0.28	*
Area 4	165,260	3	55,087	2.86%	9,060	3,020	-1.66	*
Area 5	363,887	6	60,648	5.13%	24,011	4,002	-2.44	*
Area 6	457,481	5	91,496	3.40%	29,704	5,941	-0.60	*
Area 7	1,277,714	11	116,156	11.69%	48,844	4,440	-3.76	*
Area 8	308,462	4	77,116	7.05%	11,619	2,905	-2.28	*
Area 9	253,254	4	63,314	11.85%	14,508	3,627	-1.85	*
Area 10	645,351	12	53,779	15.14%	56,286	4,690	-3.66	*
Area 11	164,341	1	164,341	3.30%	2,820	2,820	-0.58	
Area 12	609,429	7	87,061	11.61%	35,252	5,036	-1.78	*
Area 13	142,599	1	142,599	9.90%	4,436	4,436	-0.34	
Area 14	212,919	5	42,584	38.38%	31,514	6,303	-0.33	*
Area 15	178,538	2	89,269	6.12%	8,611	4,306	-0.72	*
Area 16	458,985	10	45,899	28.82%	48,794	4,879	-2.77	*
Area 17	317,131	3	105,710	13.85%	19,635	6,545	-0.09	*
Area 18	569,571	7	81,367	6.13%	28,374	4,053	-2.80	*
Area 19	458,755	4	114,689	7.72%	25,772	6,443	-0.18	*
Area 20	1,068,640	10	106,864	7.61%	36,276	3,628	-4.63	*
Area 21	127,777	0						1
Area 22	182,580	2	91,290		7,067	3,534	-0.95	*
Area 23	245,628	2	122,814	6.53%	12,413	6,207	-0.16	
Area 24	199,100	3	66,367	7.04%	12,131	4,044	-1.20	*
Area 25	200,922	1	200,922					
Area 26	306,392	4	76,598	4.88%	14,721	3,680	-1.82	*
Area 27	332,782	7	47,540	20.73%	28,218	4,031	-2.82	*
Area 28	154,980	2	77,490	1.20%	7,996	3,998	-0.82	*
Totals	10,054,192	126	79,795		557,475	4,424	-43.41	1

* Service Area does not have 120,000 base population per accelerator.

** Areas have more than 45% of their patients coming from outside their service areas