

**Table 9H: Linear Accelerator Service Areas and Calculations**

Service Area	2017 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2015-2016 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	140,647	2	70,324	8.30%	2,349	1,174	-1.65	*
Area 2	423,561	8	52,945	18.63%	33,424	4,178	-3.05	*
Area 3	100,050	1	100,050	23.12%	2,946	2,946	-0.56	*
Area 4	170,471	3	56,824	14.06%	8,162	2,721	-1.79	*
Area 5	366,763	6	61,127	5.65%	20,973	3,495	-2.89	*
Area 6	466,083	5	93,217	18.18%	27,807	5,561	-0.88	*
Area 7	1,332,095	11	121,100	21.99%	63,589	5,781	-1.58	
Area 8	317,997	4	79,499	26.96%	19,349	4,837	-1.13	*
Area 9	266,767	3	88,922	25.94%	16,154	5,385	-0.61	*
Area 10	653,644	10	65,364	13.13%	54,463	5,446	-1.93	*
Area 11	166,753	1	166,753	14.29%	2,188	2,188	-0.68	
Area 12	617,340	7	88,191	20.44%	42,981	6,140	-0.63	*
Area 13	143,239	1	143,239	22.67%	3,892	3,892	-0.42	
Area 14**	217,802	6	36,300	75.86%	37,252	6,209	-0.48	*
Area 15	184,920	2	92,460	12.75%	8,720	4,360	-0.71	*
Area 16**	472,198	10	47,220	65.30%	50,151	5,015	-2.57	*
Area 17	318,813	4	79,703	25.17%	19,666	4,917	-1.09	*
Area 18	558,886	7	79,841	17.82%	28,730	4,104	-2.74	*
Area 19	472,457	4	118,114	10.64%	27,658	6,914	0.10	*
Area 20	1,117,858	10	111,786	12.56%	40,345	4,034	-4.02	*
Area 21	129,996	1	129,996					
Area 22	193,035	2	96,518	29.70%	3,049	1,524	-1.55	*
Area 23	243,219	2	121,610	9.98%	9,555	4,777	-0.58	
Area 24	196,837	3	65,612	10.46%	10,992	3,664	-1.37	*
Area 25	199,025	1	199,025	26.34%	4,439	4,439	-0.34	
Area 26	303,707	4	75,927	11.19%	11,987	2,997	-2.22	*
Area 27	332,331	7	47,476	28.81%	23,352	3,336	-3.54	*
Area 28	157,859	2	78,930	4.84%	10,344	5,172	-0.47	*
<b>Totals</b>	<b>10,264,353</b>	<b>127</b>	<b>80,822</b>		<b>584,508</b>	<b>4,602</b>	<b>-40.41</b>	

\* 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.