

Table 9H: Linear Accelerator Service Areas and Calculations

Service Area	2018 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service	2016-2017 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	144,952	2	72,476	7.96%	2,968	1,484	-1.56	*
Area 2	429,335	8	53,667	20.03%	34,387	4,298	-2.91	*
Area 3	102,697	1	102,697	19.54%	2,951	2,951	-0.56	*
Area 4	173,989	3	57,996	9.11%	11,552	3,851	-1.29	*
Area 5	370,817	6	61,803	12.80%	26,470	4,412	-2.08	*
Area 6	472,348	5	94,470	7.24%	23,122	4,624	-1.57	*
Area 7	1,357,435	11	123,403	22.68%	61,404	5,582	-1.90	
Area 8	322,602	4	80,651	19.59%	18,460	4,615	-1.27	*
Area 9	272,805	4	68,201	21.65%	17,355	4,339	-1.43	*
Area 10	658,957	10	65,896	26.74%	53,144	5,314	-2.13	*
Area 11	168,107	1	168,107	18.79%	3,415	3,415	-0.49	
Area 12	619,427	7	88,490	22.07%	44,446	6,349	-0.42	*
Area 13	145,633	1	145,633	17.57%	3,911	3,911	-0.42	
Area 14**	220,256	6	36,709	77.81%	39,384	6,564	-0.17	*
Area 15	186,733	2	93,367	17.50%	7,080	3,540	-0.95	*
Area 16**	476,263	10	47,626	63.41%	47,949	4,795	-2.90	*
Area 17	321,644	3	107,215	22.76%	19,958	6,653	-0.04	*
Area 18	557,978	7	79,711	16.72%	31,030	4,433	-2.40	*
Area 19	485,838	4	121,460	10.25%	24,892	6,223	-0.31	
Area 20	1,138,826	10	113,883	11.86%	42,434	4,243	-3.71	*
Area 21	133,065	1	133,065					
Area 22**	200,102	2	100,051	46.53%	9,204	4,602	-0.64	*
Area 23	242,321	2	121,161	9.64%	13,599	6,799	0.01	
Area 24	198,064	3	66,021	13.11%	13,734	4,578	-0.97	*
Area 25	197,455	1	197,455	10.26%	4,084	4,084	-0.39	
Area 26	300,915	4	75,229	9.27%	11,977	2,994	-2.23	*
Area 27	330,885	7	47,269	33.01%	24,973	3,568	-3.30	*
Area 28	159,388	2	79,694	4.20%	8,974	4,487	-0.67	*
<b>Totals</b>	<b>10,388,837</b>	<b>127</b>	<b>81,802</b>		<b>602,851</b>	<b>4,747</b>	<b>-37.69</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.