

Table 9H: Linear Accelerator Service Areas and Calculations - Draft 4/17/2013

Service Area	2013 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service	2011-2012 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	140,411	2	70,206	7.55%	8,337	4,169	-0.76	*
Area 2	413,376	7	59,054	19.64%	41,507	5,930	-0.85	*
Area 3	99,228	1	99,228	15.42%	5,434	5,434	-0.19	*
Area 4	166,255	3	55,418	36.78%	21,850	7,283	0.24	*
Area 5	368,220	6	61,370	8.43%	25,755	4,293	-2.18	*
Area 6	459,076	5	91,815	8.30%	29,064	5,813	-0.69	*
Area 7	1,214,301	11	110,391	19.88%	88,238	8,022	2.07	*
Area 8	303,010	4	75,753	25.80%	33,594	8,399	0.98	*
Area 9	248,178	3	82,726	23.00%	17,868	5,956	-0.35	*
Area 10	643,999	9	71,555	29.71%	47,289	5,254	-1.99	*
Area 11	165,297	1	165,297	2.36%	6,309	6,309	-0.07	
Area 12	599,761	7	85,680	23.89%	42,122	6,017	-0.76	*
Area 13	144,750	1	144,750	11.81%	4,055	4,055	-0.40	
Area 14**	206,701	6	34,450	76.73%	27,450	4,575	-1.93	*
Area 15	178,227	2	89,114	14.01%	9,838	4,919	-0.54	*
Area 16**	448,729	7	64,104	62.14%	48,272	6,896	0.15	*
Area 17	311,692	4	77,923	21.30%	22,554	5,638	-0.66	*
Area 18	567,296	8	70,912	16.16%	33,846	4,231	-2.99	*
Area 19	441,446	4	110,362	13.51%	43,969	10,992	2.51	*
Area 20	1,152,052	9	128,006	19.42%	61,030	6,781	0.04	
Area 21	178,196	2	89,098	43.41%	16,041	8,021	0.38	*
Area 22	245,495	2	122,748	11.03%	16,721	8,361	0.48	
Area 23	199,956	3	66,652	11.93%	12,290	4,097	-1.18	*
Area 24	191,888	1	191,888	4.88%	7,673	7,673	0.14	
Area 25	311,030	4	77,758	5.64%	18,501	4,625	-1.26	*
Area 26	332,032	7	47,433	32.23%	53,928	7,704	0.99	*
Area 27	155,747	2	77,874	1.05%	10,570	5,285	-0.43	*
Totals	9,886,349	121	81,705		754,101	87	-9	0

* 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.