

Table 9H: Linear Accelerator Service Areas and Calculations - Draft 5/17/2013

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	136,387	2	68,194	7.55%	6,165	3,083	-1.09	*
Area 2	408,416	8	51,052	19.52%	31,171	3,896	-3.38	*
Area 3	98,263	1	98,263	15.42%	5,434	5,434	-0.19	*
Area 4	161,678	3	53,893	36.78%	13,470	4,490	-1.00	*
Area 5	365,462	6	60,910	8.43%	25,755	4,293	-2.18	*
Area 6	455,454	5	91,091	8.30%	24,392	4,878	-1.39	*
Area 7	1,223,561	11	111,233	19.88%	62,441	5,676	-1.75	*
Area 8	303,134	4	75,784	25.80%	22,925	5,731	-0.60	*
Area 9	246,934	3	82,311	23.00%	17,868	5,956	-0.35	*
Area 10	643,030	9	71,448	29.71%	45,840	5,093	-2.21	*
Area 11	164,232	1	164,232	2.36%	3,155	3,155	-0.53	
Area 12	601,882	7	85,983	23.89%	42,122	6,017	-0.76	*
Area 13	142,646	1	142,646	11.81%	4,055	4,055	-0.40	
Area 14**	208,580	6	34,763	76.73%	27,450	4,575	-1.93	*
Area 15	177,733	2	88,867	14.01%	9,165	4,583	-0.64	*
Area 16**	451,429	7	64,490	62.14%	46,891	6,699	-0.05	*
Area 17	313,191	4	78,298	21.30%	22,554	5,638	-0.66	*
Area 18	568,578	7	81,225	16.16%	32,314	4,616	-2.21	*
Area 19	441,826	4	110,457	13.51%	25,085	6,271	-0.28	*
Area 20	1,152,888	9	128,099	19.42%	45,119	5,013	-2.32	
Area 21	177,043	2	88,522	43.41%	8,021	4,010	-0.81	*
Area 22	246,448	2	123,224	11.03%	11,535	5,768	-0.29	
Area 23	198,467	3	66,156	11.93%	12,290	4,097	-1.18	*
Area 24	194,201	1	194,201	4.88%	3,837	3,837	-0.43	
Area 25	308,407	4	77,102	5.64%	15,412	3,853	-1.72	*
Area 26	331,398	7	47,343	32.23%	28,478	4,068	-2.78	*
Area 27	152,680	2	76,340	1.05%	8,123	4,062	-0.80	*
Totals	9,873,948	121	81,603		601,061	4,967	-31.95	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.