

Table 9F: Linear Accelerator Service Areas and Calculations - Draft 5/23/2012

Service Area	2012 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2010-2011 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	137,876	2	68,938	7.51%	7,967	3,983	-0.82	*
Area 2	408,636	8	51,080	19.20%	34,850	4,356	-2.84	*
Area 3	98,405	1	98,405	23.43%	5,434	5,434	-0.19	*
Area 4	164,176	3	54,725	15.40%	11,118	3,706	-1.35	*
Area 5	367,505	6	61,251	7.98%	24,959	4,160	-2.30	*
Area 6	456,401	5	91,280	7.51%	26,306	5,261	-1.10	*
Area 7	1,193,844	10	119,384	22.24%	66,639	6,664	-0.13	*
Area 8	301,553	4	75,388	22.45%	19,808	4,952	-1.07	*
Area 9	245,257	4	61,314	22.52%	16,662	4,166	-1.53	*
Area 10	640,610	9	71,179	28.73%	51,034	5,670	-1.44	*
Area 11	164,601	1	164,601	5.97%	2,944	2,944	-0.56	
Area 12	594,493	7	84,928	25.87%	41,112	5,873	-0.91	*
Area 13	143,899	1	143,899	16.37%	4,824	4,824	-0.29	
Area 14**	203,574	6	33,929	74.71%	30,387	5,065	-1.50	*
Area 15	177,225	2	88,613	11.46%	11,091	5,545	-0.36	*
Area 16	444,290	8	55,536	32.61%	47,627	5,953	-0.94	*
Area 17	309,563	4	77,391	19.63%	22,514	5,628	-0.66	*
Area 18	564,890	7	80,699	17.02%	28,805	4,115	-2.73	*
Area 19	434,570	4	108,643	13.87%	24,963	6,241	-0.30	*
Area 20	1,129,916	8	141,240	14.10%	44,493	5,562	-1.41	
Area 21	175,467	2	87,734	34.68%	7,101	3,550	-0.95	*
Area 22	244,102	2	122,051	13.64%	14,295	7,147	0.12	
Area 23	198,128	3	66,043	21.33%	12,993	4,331	-1.08	*
Area 24	188,081	1	188,081	12.00%	2,571	2,571	-0.62	
Area 25	310,891	4	77,723	7.84%	17,565	4,391	-1.40	*
Area 26	330,366	7	47,195	33.52%	29,492	4,213	-2.63	*
Area 27	152,703	2	76,352	2.67%	8,341	4,171	-0.76	*
Totals	9,781,022	121	80,835		615,889	69	-30	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.