

**Table 9F: Linear Accelerator Service Areas and Calculations - Draft 9/1/2011**

Service Area	2011 Civilian Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2009-2010 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determination
Area 1	136,933	2	68,467	6.18%	5,371	2,686	-1.20	*
Area 2	395,789	8	49,474	19.94%	39,140	4,893	-2.20	*
Area 3	91,260	1	91,260	2.67%	3,022	3,022	-0.55	*
Area 4	160,389	3	53,463	6.93%	9,115	3,038	-1.65	*
Area 5	370,053	6	61,676	12.97%	27,254	4,542	-1.96	*
Area 6	453,707	5	90,741	5.05%	25,845	5,169	-1.17	*
Area 7	1,155,165	11	105,015	13.49%	63,435	5,767	-1.60	*
Area 8	305,102	4	76,276	26.64%	21,244	5,311	-0.85	*
Area 9	244,978	3	81,659	23.60%	16,100	5,367	-0.61	*
Area 10	649,526	9	72,170	23.86%	49,655	5,517	-1.64	*
Area 11	163,528	1	163,528	6.98%	3,437	3,437	-0.49	*
Area 12	583,065	7	83,295	17.19%	39,718	5,674	-1.12	*
Area 13	145,823	1	145,823	14.77%	4,160	4,160	-0.38	*
Area 14**	199,935	6	33,323	76.33%	30,238	5,040	-1.52	*
Area 15	175,706	2	87,853	10.08%	9,504	4,752	-0.59	*
Area 16	437,598	10	43,760	59.02%	47,163	4,716	-3.01	*
Area 17	310,688	3	103,563	17.63%	23,861	7,954	0.53	*
Area 18	559,745	7	79,964	13.49%	30,848	4,407	-2.43	*
Area 19	424,492	4	106,123	11.03%	23,903	5,976	-0.46	*
Area 20	1,128,311	9	125,368	14.76%	44,347	4,927	-2.43	*
Area 21	178,933	2	89,467	25.68%	3,878	1,939	-1.43	*
Area 22	228,583	2	114,292	15.15%	10,310	5,155	-0.47	*
Area 23	190,866	3	63,622	20.62%	12,672	4,224	-1.12	*
Area 24	185,025	1	185,025	0.00%	0	0	-1.00	*
Area 25	306,585	4	76,646	4.86%	16,859	4,215	-1.50	*
Area 26	320,615	7	45,802	27.16%	30,874	4,411	-2.43	*
Area 27	154,422	2	77,211	1.84%	8,796	4,398	-0.70	*
Totals	9,656,822	123	83,972		600,749	4,884	-34.00	0

\* Service Area does not have 120,000 base population per accelerator

\*\* Area 14 has more than 45% of its patients coming from outside its service area