

Table 9F: Linear Accelerator Service Areas and Calculations - Draft 5/3/2012

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	138,545	2	69,273	7.51%	7,967	3,983	-0.82	*
Area 2	405,533	8	50,692	19.20%	34,850	4,356	-2.84	*
Area 3	98,844	1	98,844	23.43%	5,434	5,434	-0.19	*
Area 4	165,927	3	55,309	15.40%	11,118	3,706	-1.35	*
Area 5	370,811	6	61,802	7.98%	24,959	4,160	-2.30	*
Area 6	459,150	5	91,830	7.51%	26,306	5,261	-1.10	*
Area 7	1,198,452	10	119,845	22.24%	66,639	6,664	-0.13	*
Area 8	305,880	4	76,470	22.45%	19,808	4,952	-1.07	*
Area 9	248,700	4	62,175	22.52%	16,662	4,166	-1.53	*
Area 10	646,123	9	71,791	28.73%	51,034	5,670	-1.44	*
Area 11	167,467	1	167,467	5.97%	2,944	2,944	-0.56	
Area 12	600,003	7	85,715	25.87%	41,112	5,873	-0.91	*
Area 13	145,106	1	145,106	16.37%	4,824	4,824	-0.29	
Area 14**	205,292	6	34,215	74.71%	30,387	5,065	-1.50	*
Area 15	180,407	2	90,204	11.46%	11,091	5,545	-0.36	*
Area 16	449,702	8	56,213	32.61%	47,627	5,953	-0.94	*
Area 17	312,291	4	78,073	19.63%	22,514	5,628	-0.66	*
Area 18	576,679	7	82,383	17.02%	28,805	4,115	-2.73	*
Area 19	436,813	4	109,203	13.87%	24,963	6,241	-0.30	*
Area 20	1,144,739	8	143,092	14.10%	44,493	5,562	-1.41	
Area 21	180,240	2	90,120	34.68%	7,101	3,550	-0.95	*
Area 22	244,801	2	122,401	13.64%	14,295	7,147	0.12	
Area 23	200,325	3	66,775	21.33%	12,993	4,331	-1.08	*
Area 24**	197,214	1	197,214	100.00%	2,571	2,571	-0.62	
Area 25	315,681	4	78,920	7.84%	17,565	4,391	-1.40	*
Area 26	338,730	7	48,390	33.52%	29,492	4,213	-2.63	*
Area 27	153,270	2	76,635	2.67%	8,341	4,171	-0.76	*
Totals	9,886,725	121	81,708		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.