

Table 9H: Linear Accelerator Service Areas and Calculations
DRAFT 5/28/2014

Service Area	2014 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2012-2013 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	136,494	2	68,247	9.34%	6,039	3,019	-1.11	*
Area 2	411,985	7	58,855	19.20%	29,215	4,174	-2.67	*
Area 3	98,252	1	98,252	18.79%	4,256	4,256	-0.37	*
Area 4	164,098	3	54,699	17.81%	11,427	3,809	-1.31	*
Area 5	364,563	6	60,761	9.36%	24,733	4,122	-2.34	*
Area 6	456,089	5	91,218	8.33%	27,324	5,465	-0.95	*
Area 7	1,252,056	11	113,823	21.89%	64,236	5,840	-1.48	*
Area 8	306,239	4	76,560	33.41%	21,711	5,428	-0.78	*
Area 9	250,090	3	83,363	25.03%	16,253	5,418	-0.59	*
Area 10	643,508	9	71,501	38.47%	54,111	6,012	-0.98	*
Area 11	164,110	1	164,110	4.71%	3,322	3,322	-0.51	
Area 12	604,864	7	86,409	19.55%	37,922	5,417	-1.38	*
Area 13	142,678	1	142,678	17.68%	4,269	4,269	-0.37	
Area 14**	210,192	5	42,038	78.41%	30,808	6,162	-0.44	*
Area 15	177,964	2	88,982	9.31%	9,445	4,723	-0.60	*
Area 16**	454,031	10	45,403	58.39%	46,471	4,647	-3.12	*
Area 17	314,784	4	78,696	22.83%	22,262	5,565	-0.70	*
Area 18	567,868	7	81,124	13.61%	28,374	4,053	-2.80	*
Area 19	450,443	4	112,611	13.32%	25,300	6,325	-0.25	*
Area 20	1,048,642	9	116,516	17.15%	43,187	4,799	-2.60	*
Area 21	125,646	0						1
Area 22	180,064	2	90,032	37.36%	7,998	3,999	-0.82	*
Area 23	245,125	2	122,563	13.50%	10,397	5,199	-0.46	
Area 24	198,039	3	66,013	12.40%	11,388	3,796	-1.31	*
Area 25	197,742	1	197,742	15.08%	3,629	3,629	-0.46	
Area 26	306,759	4	76,690	8.54%	15,442	3,861	-1.71	*
Area 27	331,587	7	47,370	29.67%	29,446	4,207	-2.64	*
Area 28	152,576	2	76,288	4.26%	6,625	3,313	-1.02	*
Totals	9,956,488	122	81,611		595,586	4,882	-33.77	1

* 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