

Table 9H: Linear Accelerator Service Areas and Calculations
DRAFT 6/3/15

Service Area	2015 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2013-2014 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	138,204	2	69,102	8.70%	6,676	3,338	-1.01	*
Area 2	415,379	7	59,340	11.56%	32,455	4,636	-2.19	*
Area 3	98,698	1	98,698	9.07%	4,871	4,871	-0.28	*
Area 4	166,746	3	55,582	5.04%	9,060	3,020	-1.66	*
Area 5	366,078	6	61,013	5.13%	24,011	4,002	-2.44	*
Area 6	458,445	5	91,689	3.89%	29,704	5,941	-0.60	*
Area 7	1,279,698	11	116,336	12.12%	58,142	5,286	-2.39	*
Area 8	307,996	4	76,999	19.73%	21,658	5,414	-0.79	*
Area 9	257,311	3	85,770	11.85%	14,508	4,836	-0.85	*
Area 10	648,814	10	64,881	15.14%	56,286	5,629	-1.66	*
Area 11	164,946	1	164,946	3.30%	2,820	2,820	-0.58	
Area 12	608,986	7	86,998	11.61%	35,252	5,036	-1.78	*
Area 13	143,666	1	143,666	9.90%	4,436	4,436	-0.34	
Area 14	211,449	5	42,290	38.38%	31,514	6,303	-0.33	*
Area 15	181,270	2	90,635	6.12%	8,611	4,306	-0.72	*
Area 16	460,964	10	46,096	28.82%	48,794	4,879	-2.77	*
Area 17	314,185	4	78,546	13.85%	19,635	4,909	-1.09	*
Area 18	564,166	7	80,595	7.95%	28,374	4,053	-2.80	*
Area 19	456,983	4	114,246	9.46%	25,772	6,443	-0.18	*
Area 20	1,069,223	10	106,922	8.30%	36,276	3,628	-4.63	*
Area 21	127,965	1	127,965					2015 SMFP
Area 22	183,313	2	91,657	40.83%	7,067	3,534	-0.95	*
Area 23	245,148	2	122,574	7.68%	12,413	6,207	-0.16	
Area 24	198,237	3	66,079	7.04%	12,131	4,044	-1.20	*
Area 25	194,625	1	194,625	26.98%	3,235	3,235	-0.52	
Area 26	305,334	4	76,334	5.67%	14,721	3,680	-1.82	*
Area 27	331,274	7	47,325	24.25%	28,218	4,031	-2.82	*
Area 28	155,395	2	77,698	1.20%	7,996	3,998	-0.82	*
Totals	10,054,498	125	80,436		584,630	4,677	-38.39	

* 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.