

Table 9H: Linear Accelerator Service Areas and Calculations
DRAFT 5/7/2014

Service Area	2014 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service	2012-2013 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	137,803	2	68,902	9.34%	6,039	3,019	-1.11	*
Area 2	411,711	7	58,816	19.20%	29,215	4,174	-2.67	*
Area 3	98,808	1	98,808	18.79%	4,256	4,256	-0.37	*
Area 4	162,030	3	54,010	17.81%	11,427	3,809	-1.31	*
Area 5	365,124	6	60,854	9.36%	24,448	4,075	-2.38	*
Area 6	456,867	5	91,373	8.33%	27,324	5,465	-0.95	*
Area 7	1,247,751	11	113,432	21.89%	64,236	5,840	-1.48	*
Area 8	304,745	4	76,186	33.41%	21,711	5,428	-0.78	*
Area 9	249,599	3	83,200	25.03%	16,253	5,418	-0.59	*
Area 10	646,374	9	71,819	38.47%	54,111	6,012	-0.98	*
Area 11	163,617	1	163,617	4.71%	3,322	3,322	-0.51	
Area 12	608,183	7	86,883	19.55%	37,922	5,417	-1.38	*
Area 13	142,531	1	142,531	17.68%	4,269	4,269	-0.37	
Area 14**	211,787	5	42,357	78.41%	30,808	6,162	-0.44	*
Area 15	178,673	2	89,337	9.31%	9,445	4,723	-0.60	*
Area 16**	457,616	10	45,762	58.39%	46,933	4,693	-3.05	*
Area 17	316,006	4	79,002	22.83%	22,262	5,565	-0.70	*
Area 18	572,445	7	81,778	13.61%	28,374	4,053	-2.80	*
Area 19	449,123	4	112,281	13.32%	25,300	6,325	-0.25	*
Area 20	1,049,566	9	116,618	17.15%	43,187	4,799	-2.60	*
Area 21	126,870	0						1
Area 22	179,053	2	89,527	37.36%	7,998	3,999	-0.82	*
Area 23	247,822	2	123,911	13.50%	10,397	5,199	-0.46	
Area 24	199,400	3	66,467	12.40%	11,388	3,796	-1.31	*
Area 25	198,565	1	198,565	15.08%	3,629	3,629	-0.46	
Area 26	308,052	4	77,013	8.54%	15,442	3,861	-1.71	*
Area 27	332,958	7	47,565	29.67%	48,557	6,937	0.19	*
Area 28	155,404	2	77,702	4.26%	6,625	3,313	-1.02	*
Totals	9,978,483	122	81,791		614,874	5,040	-30.91	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.