

Table 9H: Linear Accelerator Service Areas and Calculations

| Service Area  | 2015 Population   | Accelerators | Population within Service Area Per Accelerator | Percentage of Patients from Outside the Service Area | 2014-2015 ESTV Procedures | Procedures Per Accelerator | ESTV Procedures Divided by 6,750 Minus # of Accelerators | Need Determinations |
|---------------|-------------------|--------------|--|--|---------------------------|----------------------------|--|---------------------|
| Area 1        | 139,285           | 2            | 69,643   | 9.68%  | 1,928                     | 964                        | -1.71  | *                   |
| Area 2        | 418,976           | 8            | 52,372   | 20.24%   | 34,694                    | 4,337                      | -2.86  | *                   |
| Area 3        | 99,116            | 1            | 99,116   | 14.55%   | 4,293                     | 4,293                      | -0.36  | *                   |
| Area 4        | 168,316           | 3            | 56,105   | 10.65%   | 9,676                     | 3,225                      | -1.57  | *                   |
| Area 5        | 366,795           | 6            | 61,133   | 10.83%   | 23,616                    | 3,936                      | -2.50  | *                   |
| Area 6        | 460,633           | 5            | 92,127   | 6.91%  | 29,175                    | 5,835                      | -0.68  | *                   |
| Area 7        | 1,306,187         | 11           | 118,744  | 21.25%   | 64,034                    | 5,821                      | -1.51  | *                   |
| Area 8        | 310,110           | 4            | 77,528   | 28.69%   | 21,145                    | 5,286                      | -0.87  | *                   |
| Area 9        | 262,333           | 3            | 87,444   | 22.57%   | 16,077                    | 5,359                      | -0.62  | *                   |
| Area 10       | 652,532           | 10           | 65,253   | 26.22%   | 57,780                    | 5,778                      | -1.44  | *                   |
| Area 11       | 165,399           | 1            | 165,399  | 10.00%   | 2,450                     | 2,450                      | -0.64  |                     |
| Area 12       | 612,941           | 7            | 87,563   | 22.39%   | 44,352                    | 6,336                      | -0.43  | *                   |
| Area 13       | 144,254           | 1            | 144,254  | 12.52%   | 4,224                     | 4,224                      | -0.37  |                     |
| Area 14**     | 214,245           | 5            | 42,849   | 72.27%   | 31,962                    | 6,392                      | -0.26  | *                   |
| Area 15       | 183,149           | 2            | 91,575   | 14.07%   | 9,309                     | 4,654                      | -0.62  | *                   |
| Area 16**     | 466,762           | 10           | 46,676   | 65.23%   | 37,212                    | 3,721                      | -4.49  | *                   |
| Area 17       | 315,822           | 4            | 78,956   | 36.04%   | 17,619                    | 4,405                      | -1.39  | *                   |
| Area 18       | 565,848           | 7            | 80,835   | 15.53%   | 27,653                    | 3,950                      | -2.90  | *                   |
| Area 19       | 464,322           | 4            | 116,081  | 12.91%   | 28,953                    | 7,238                      | 0.29   | *                   |
| Area 20       | 1,089,870         | 10           | 108,987  | 15.60%   | 37,961                    | 3,796                      | -4.38  | *                   |
| Area 21       | 130,243           | 1            | 130,243  |  |                           |                            |  |                     |
| Area 22       | 186,764           | 2            | 93,382   | 43.97%   | 3,213                     | 1,606                      | -1.52  | *                   |
| Area 23       | 245,669           | 2            | 122,835  | 9.03%  | 10,294                    | 5,147                      | -0.47  |                     |
| Area 24       | 199,181           | 3            | 66,394   | 12.24%   | 11,361                    | 3,787                      | -1.32  | *                   |
| Area 25       | 195,835           | 1            | 195,835  | 10.16%   | 4,667                     | 4,667                      | -0.31  |                     |
| Area 26       | 305,036           | 4            | 76,259   | 14.05%   | 12,440                    | 3,110                      | -2.16  | *                   |
| Area 27       | 331,612           | 7            | 47,373   | 28.30%   | 37,604                    | 5,372                      | -1.43  | *                   |
| Area 28       | 156,693           | 2            | 78,347   | 4.21%  | 7,760                     | 3,880                      | -0.85  | *                   |
| <b>Totals</b> | <b>10,157,928</b> | <b>126</b>   | <b>80,618</b>                                  |  | <b>591,447</b>            | <b>4,694</b>               | <b>-38.38</b>  |                     |

\* 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