

## 2021 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR <sup>1</sup>	2021 Resident Population <sup>2</sup>	2021 Projected Patients <sup>3</sup>	Average Visits per Patient <sup>4</sup>	2021 Projected Patient Visits <sup>5</sup>	2021 Projected Equivalent Visits by Type of Visit <sup>6</sup>	2021 Projected Non-Special MRT Needed <sup>7</sup>	Current Authorized Inventory <sup>8</sup>	Unmet Need [Surplus/ (Deficit)]	2015 Aggregate Utilization <sup>9</sup>
SSDR 1	934,045	2,157	22	46,960	62,961	6	8	2	63%
SSDR 2	749,230	1,839	21	38,910	51,847	5	8	3	52%
SSDR 3	4,850,305	11,238	19	217,965	344,443	38	43	5	77%
SSDR 4	545,811	1,336	25	33,210	50,061	5	6	1	57%
SSDR 5	662,700	1,617	19	31,375	49,915	5	6	1	73%
SSDR 6	521,591	1,228	21	25,880	39,897	4	5	1	97%
SSDR 7	498,696	1,079	18	19,341	28,172	3	6	3	82%
SSDR 8	393,763	912	12	11,331	17,296	1	5	4	80%
SSDR 9	313,155	683	26	17,915	28,158	3	3	0	66%
SSDR 10	366,314	878	19	16,774	24,671	2	4	2	78%
SSDR 11	434,626	1,007	23	23,380	34,654	3	4	1	79%
SSDR 12	754,097	1,717	18	30,160	53,936	5	9	4	89%
<b>Statewide</b>	<b>11,024,333</b>	<b>25,692</b>	<b>19</b>	<b>513,199</b>	<b>786,009</b>	<b>80</b>	<b>107</b>		<b>75%</b>

**Notes and Sources:**

<sup>1</sup> State Service Delivery Regions (SSDR) - The twelve (12) State Service Delivery Regions (SSDR) as defined in O.C.G.A. 50-4-7 and as amended effective July 1, 2005.

<sup>2</sup> Resident Population Projections 2013-2025: Governor's Office of Planning and Budget (6/16 DHP Release). See DCH Rule 111-2-2-.09(1)(b)1. Horizon year is 2021 pursuant to Rule 111-2-2-.09(1)(b)3.

<sup>3</sup> Cancer Incidence Rates from Age Adjusted Cancer Incidence Rates by County for 2010-2014, Georgia Division of Public Health (<http://dph.georgia.gov/cancer-reports>); released 2016. Rates applied to 2020 Projected Population. See DCH Rule 111-2-2-.42(3)(a)1(i).

<sup>4</sup> Two-year average treatment visits per patient for non-special MRT linear accelerators. From 2014 and 2015 Radiation Therapy Services Survey, Office of Health Planning. See DCH Rule 111-2-2-.42(3)(a)1(iv).

<sup>5</sup> Projected patient visits by SSDR. Projected Patients multiplied by Average Visit per Patient. See DCH Rule 111-2-2-.42(3)(a)1(iii)-(iv).

<sup>6</sup> Sum of the projected visit equivalents by the 5 types of visits weighted for each type. Simple visits = 1.0; Intermediate visits = 1.1; Complex visits = 1.3; IMRT visits = 1.8; Non-Special SRS = 7.0. See DCH Rule 111-2-2-.42(3)(a)1(vi).

<sup>7</sup> Number of Non-special MRT units calculated by dividing the Projected number of equivalent visits by 9,000.

<sup>8</sup> Current Inventory represents capacity non-special MRT units (existing and approved linear accelerator plus cobalt therapy units) as of 12/9/2016, official agency inventory. Does not include units approved under the utilization exception to the MegaVoltage rules. See Rule 111-2-2-.42(3)(b)(2).

<sup>9</sup> Aggregate Utilization is based on a standard of 9,000 weighted equivalent treatment visits per available (reported) unit per year. See DCH Rule 111-2-2-.42(2)(d). Aggregate Utilization must meet or exceed 80% for approval of new or expanded services pursuant to DCH Rule 111-2-2-.42(3)(a)2. From utilization and available units as reported on the Annual Radiation Therapy Services Survey for 2015. (prior year data was used in cases where 2015 data was unavailable). Includes only utilization for units that were existing and for which data was provided to DCH in the most recent year. See DCH Rules 111-2-2-.42(3)(a)2 and 111-2-2-.42(3)(a)1(vi).

**Effective Dates:**

Original Calculation: 12/21/2016

Revised:

Updated:

Corrected: