

## 2014 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>	2014 Resident Population <sup>2</sup>	2014 Projected Patients <sup>3</sup>	Average Visits per Patient <sup>4</sup>	2014 Projected Patient Visits <sup>5</sup>	2014 Projected Equivalent Visits by Type of Visit <sup>6</sup>	2014 Projected Non-Special MRT Needed <sup>7</sup>	Current Authorized Inventory <sup>8</sup>	Unmet Need [Surplus/ (Deficit)]	2008 Aggregate Utilization <sup>9</sup>
SSDR 1	988,896	2,391	20	48,382	61,432	6	7	1	70%
SSDR 2	738,263	1,855	25	46,294	67,292	7	7	0	103%
SSDR 3	4,592,500	10,439	22	227,365	371,529	41	42	1	79%
SSDR 4	563,402	1,310	27	35,536	51,983	5	6	1	73%
SSDR 5	662,787	1,602	24	38,456	34,793	3	6	3	56%
SSDR 6	513,916	1,196	24	28,145	16,984	1	5	4	33%
SSDR 7	455,734	1,068	24	25,243	35,915	3	6	3	86%
SSDR 8	369,683	836	24	19,948	29,363	3	4	1	99%
SSDR 9	307,473	683	23	15,588	24,521	2	2	0	57%
SSDR 10	381,870	916	20	18,695	27,155	3	4	1	113%
SSDR 11	406,023	921	18	16,755	23,364	2	4	2	74%
SSDR 12	643,219	1,497	27	40,847	66,045	7	8	1	102%
<b>Statewide</b>	<b>10,623,766</b>	<b>24,715</b>	<b>23</b>	<b>561,254</b>	<b>810,376</b>	<b>83</b>	<b>101</b>		<b>80%</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 2000-2015: Governor's Office of Planning and Budget (4/06 DHP Release). See DCH Rule 111-2-2-.09(1)(b)1. Horizon year is 2014 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 2002-2006, Georgia Division of Public Health (<http://www.health.state.ga.us/programs/gccr/data.asp>); released Spring, 2009. Rates applied to 2014 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 2007 and 2008 Radiation Therapy Services Survey, Division 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 12/11/2009, 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 2008 (prior year data was used in cases where 2008 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: 6/19/2009	Revised:
Updated: 12/21/2009	Corrected: 7/2/2009

