

2015 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR ¹	2015 Resident Population ²	2015 Projected Patients ³	Average Visits per Patient ⁴	2015 Projected Patient Visits ⁵	2015 Projected Equivalent Visits by Type of Visit ⁶	2015 Projected Non-Special MRT Needed ⁷	Current Authorized Inventory ⁸	Unmet Need [Surplus/ (Deficit)]	2009 Aggregate Utilization ⁹
SSDR 1	1,011,868	2,448	20	49,412	73,503	8	8	0	78%
SSDR 2	760,614	1,911	24	45,875	68,630	7	7	0	97%
SSDR 3	4,682,446	10,646	22	229,622	365,876	40	42	2	88%
SSDR 4	575,489	1,337	27	36,136	57,127	6	6	0	80%
SSDR 5	680,707	1,646	23	38,263	57,895	6	6	0	77%
SSDR 6	519,616	1,210	24	28,459	37,826	4	5	1	85%
SSDR 7	458,741	1,075	24	25,457	36,991	4	6	2	92%
SSDR 8	370,736	838	24	20,467	30,603	3	5	2	81%
SSDR 9	309,879	689	23	15,812	25,919	2	2	0	46%
SSDR 10	384,655	923	20	18,704	27,452	3	5	2	110%
SSDR 11	409,027	928	19	17,652	24,676	2	4	2	77%
SSDR 12	649,795	1,512	24	36,753	57,041	6	9	3	86%
Statewide	10,813,573	25,162	22	562,611	863,539	91	105		86%

Notes and Sources:

¹ 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.

² 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 2015 pursuant to Rule 111-2-2-.09(1)(b)3.

³ 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).

⁴ Two-year average treatment visits per patient for non-special MRT linear accelerators. From 2008 and 2009 Radiation Therapy Services Survey, Division of Health Planning. See DCH Rule 111-2-2-.42(3)(a)1(iv).

⁵ 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).

⁶ 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).

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

⁸ Current Inventory represents capacity non-special MRT units (existing and approved linear accelerator plus cobalt therapy units) as of 6/18/2010, 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).

⁹ 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 2009 (prior year data was used in cases where 2009 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: 6/18/2010

Revised:

Updated: 12/20/2010

Corrected:

STATE SERVICE DELIVERY REGIONS

Amended Effective July 1, 2005

