

2016 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR ¹	2016 Resident Population ²	2016 Projected Patients ³	Average Visits per Patient ⁴	2016 Projected Patient Visits ⁵	2016 Projected Equivalent Visits by Type of Visit ⁶	2016 Projected Non-Special MRT Needed ⁷	Current Authorized Inventory ⁸	Unmet Need [Surplus/ (Deficit)]	2010 Aggregate Utilization ⁹
SSDR 1	994,651	2,428	22	52,441	78,638	8	8	0	67%
SSDR 2	771,730	1,947	23	45,298	67,865	7	7	0	73%
SSDR 3	4,907,029	11,325	22	243,667	379,848	42	42	0	83%
SSDR 4	587,323	1,367	28	38,193	59,855	6	6	0	71%
SSDR 5	713,899	1,710	23	39,188	60,707	6	6	0	77%
SSDR 6	531,851	1,255	22	28,234	41,528	4	5	1	92%
SSDR 7	489,366	1,156	24	28,167	41,510	4	6	2	87%
SSDR 8	398,449	927	25	22,789	34,075	3	5	2	81%
SSDR 9	322,147	723	21	14,816	24,286	2	2	0	46%
SSDR 10	401,573	987	21	20,625	32,159	3	5	2	116%
SSDR 11	437,195	990	22	21,807	30,580	3	4	1	75%
SSDR 12	734,883	1,693	23	38,831	60,664	6	9	3	82%
Statewide	11,290,096	26,506	22	594,056	911,715	94	105		81%

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 2008-2020: Governor's Office of Planning and Budget (4/11 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 2004-2008, Georgia Division of Public Health (<http://www.health.state.ga.us/programs/gccr/data.asp>); released Spring, 2011. Rates applied to 2016 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 2009 and 2010 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 6/21/2011, 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 2010 (prior year data was used in cases where 2010 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: 6/21/2011

Revised:

Updated:

Corrected:

STATE SERVICE DELIVERY REGIONS

Amended Effective July 1, 2005

