

2017 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR ¹	2017 Resident Population ²	2017 Projected Patients ³	Average Visits per Patient ⁴	2017 Projected Patient Visits ⁵	2017 Projected Equivalent Visits by Type of Visit ⁶	2017 Projected Non-Special MRT Needed ⁷	Current Authorized Inventory ⁸	Unmet Need [Surplus/ (Deficit)]	2011 Aggregate Utilization ⁹
SSDR 1	1,016,604	2,482	22	55,151	82,046	9	8	(1)	62%
SSDR 2	794,660	2,005	24	47,566	70,752	7	7	0	75%
SSDR 3	4,999,269	11,541	22	249,023	383,168	42	43	1	79%
SSDR 4	601,250	1,399	28	39,278	57,355	6	6	0	71%
SSDR 5	733,680	1,758	23	39,652	61,851	6	6	0	73%
SSDR 6	538,966	1,272	21	26,751	40,093	4	5	1	95%
SSDR 7	495,908	1,171	23	26,610	48,048	5	6	1	90%
SSDR 8	403,220	938	21	19,766	29,713	3	5	2	65%
SSDR 9	325,838	731	29	21,511	33,565	3	2	(1)	53%
SSDR 10	406,009	998	21	21,197	36,018	4	5	1	88%
SSDR 11	442,982	1,003	24	24,439	33,781	3	4	1	70%
SSDR 12	749,509	1,726	23	39,744	63,708	7	9	2	94%
Statewide	11,507,895	27,024	22	610,688	940,098	99	106		78%

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 2016 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 2017 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 2010 and 2011 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 6/19/2012, 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 2011 (prior year data was used in cases where 2011 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: 6/19/2012

Revised:

Updated:

Corrected: 6/29/2012

