

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	2,494	22	55,408	81,829	9	8	(1)	62%
SSDR 2	794,660	1,975	23	45,256	69,050	7	7	0	78%
SSDR 3	4,999,269	11,553	21	244,404	387,094	43	43	0	81%
SSDR 4	601,250	1,399	25	34,751	59,647	6	6	0	71%
SSDR 5	733,680	1,744	22	38,546	60,189	6	6	0	73%
SSDR 6	538,966	1,278	22	27,495	40,809	4	5	1	96%
SSDR 7	495,908	1,182	23	26,846	43,651	4	6	2	90%
SSDR 8	403,220	969	21	20,409	32,034	3	5	2	65%
SSDR 9	325,838	744	28	20,981	32,179	3	2	(1)	54%
SSDR 10	406,009	991	21	21,047	39,392	4	5	1	88%
SSDR 11	442,982	1,028	24	25,055	34,588	3	4	1	70%
SSDR 12	749,509	1,700	23	39,702	63,080	7	9	2	94%
Statewide	11,507,895	27,056	22	599,899	943,543	99	106		79%

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 2005-2009, Georgia Division of Public Health (<http://www.health.state.ga.us/programs/gccr/data.asp>); released 2012. 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
Updated: 12/20/2012

Revised:
Corrected: 6/29/2012

