

2018 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR ¹	2018 Resident Population ²	2018 Projected Patients ³	Average Visits per Patient ⁴	2018 Projected Patient Visits ⁵	2018 Projected Equivalent Visits by Type of Visit ⁶	2018 Projected Non-Special MRT Needed ⁷	Current Authorized Inventory ⁸	Unmet Need [Surplus/ (Deficit)]	2012 Aggregate Utilization ⁹
SSDR 1	1,039,103	2,491	22	55,360	72,256	8	8	0	55%
SSDR 2	818,319	2,009	23	45,667	62,496	6	8	2	60%
SSDR 3	5,093,297	12,187	21	257,857	410,120	45	43	(2)	76%
SSDR 4	615,491	1,437	23	33,459	56,754	6	6	0	42%
SSDR 5	754,100	1,805	21	37,958	60,293	6	6	0	78%
SSDR 6	546,147	1,282	22	28,390	43,039	4	5	1	92%
SSDR 7	502,493	1,156	21	24,237	39,903	4	6	2	87%
SSDR 8	408,111	966	19	18,626	26,521	2	5	3	65%
SSDR 9	329,549	719	28	19,980	32,090	3	3	0	54%
SSDR 10	410,479	1,020	21	21,277	24,451	2	5	3	64%
SSDR 11	448,836	1,024	26	26,571	39,463	4	4	0	74%
SSDR 12	764,504	1,696	23	38,633	61,586	6	9	3	90%
Statewide	11,730,429	27,792	22	608,015	928,970	96	108		73%

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 2018 pursuant to Rule 111-2-2-.09(1)(b)3.

³ Cancer Incidence Rates from Age Adjusted Cancer Incidence Rates by County for 2006-2010, Georgia Division of Public Health (<http://www.health.state.ga.us/programs/gccr/data.asp>); released 2012. Rates applied to 2018 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 2011 and 2012 Radiation Therapy Services Survey, Office 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 6/29/2013, 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 2012 (prior year data was used in cases where 2012 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: 6/29/2013
Updated: 12/30/2013

Revised: 7/8/2013
Corrected:

STATE SERVICE DELIVERY REGIONS

Amended Effective July 1, 2005

