

2020 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR ¹	2020 Resident Population ²	2020 Projected Patients ³	Average Visits per Patient ⁴	2020 Projected Patient Visits ⁵	2020 Projected Equivalent Visits by Type of Visit ⁶	2020 Projected Non-Special MRT Needed ⁷	Current Authorized Inventory ⁸	Unmet Need [Surplus/ (Deficit)]	2014 Aggregate Utilization ⁹
SSDR 1	1,085,667	2,581	20	51,626	68,898	7	8	1	58%
SSDR 2	867,596	2,113	24	50,903	67,727	7	8	1	60%
SSDR 3	5,286,918	12,481	21	264,245	414,216	46	43	(3)	79%
SSDR 4	644,868	1,569	25	39,481	57,249	6	6	0	48%
SSDR 5	796,704	1,910	19	36,748	59,491	6	6	0	72%
SSDR 6	560,713	1,311	22	29,210	44,909	4	5	1	97%
SSDR 7	515,788	1,145	21	24,535	36,876	4	6	2	95%
SSDR 8	418,200	1,001	25	25,022	38,424	4	5	1	71%
SSDR 9	337,026	744	27	19,741	34,846	3	3	0	48%
SSDR 10	419,507	1,027	19	19,552	32,087	3	4	1	88%
SSDR 11	460,751	1,068	24	25,712	35,551	3	4	1	69%
SSDR 12	795,514	1,807	20	35,977	64,076	7	9	2	85%
Statewide	12,189,252	28,759	21	622,752	954,348	100	107		75%

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 2008-2012, Georgia Division of Public Health (<http://dph.georgia.gov/cancer-reports>); released 2015. Rates applied to 2019 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 2013 and 2014 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 6/26/2015, 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-.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 2014. (prior year data was used in cases where 2014 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: 6/26/2015

Revised:

Updated:

Corrected:

STATE SERVICE DELIVERY REGIONS

Amended Effective July 1, 2005

