

2021 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR ¹	2021 Resident Population ²	2021 Projected Patients ³	Average Visits per Patient ⁴	2021 Projected Patient Visits ⁵	2021 Projected Equivalent Visits by Type of Visit ⁶	2021 Projected Non-Special MRT Needed ⁷	Current Authorized Inventory ⁸	Unmet Need [Surplus/ (Deficit)]	2015 Aggregate Utilization ⁹
SSDR 1	934,045	2,161	22	47,044	63,073	7	8	1	63%
SSDR 2	749,230	1,819	21	38,922	51,759	5	8	3	64%
SSDR 3	4,850,305	11,335	20	222,483	351,501	39	43	4	78%
SSDR 4	545,811	1,330	25	33,102	49,956	5	6	1	56%
SSDR 5	662,700	1,595	19	30,794	48,878	5	6	1	73%
SSDR 6	521,591	1,222	21	25,754	39,703	4	5	1	97%
SSDR 7	498,696	1,089	18	19,508	28,416	3	6	3	82%
SSDR 8	393,763	924	13	11,900	18,183	2	5	3	67%
SSDR 9	313,155	681	26	17,948	27,957	3	3	0	66%
SSDR 10	366,314	883	21	18,669	27,270	3	4	1	80%
SSDR 11	434,626	1,021	24	23,986	35,792	3	4	1	79%
SSDR 12	754,097	1,709	18	30,163	53,639	5	9	4	89%
Statewide	11,024,333	25,770	20	520,273	796,127	84	107		76%
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 2013-2025: Governor's Office of Planning and Budget (6/16 DHP Release). See DCH Rule 111-2-2-.09(1)(b)1. Horizon year is 2021 pursuant to Rule 111-2-2-.09(1)(b)3.									
³ Cancer Incidence Rates from Age Adjusted Cancer Incidence Rates by County for 2009-2013, Georgia Division of Public Health (http://dph.georgia.gov/cancer-reports); released 2015. Rates applied to 2020 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 2014 and 2015 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 6/27/2016, 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 2015. (prior year data was used in cases where 2015 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: 6/27/2016					Revised: 7/29/2016				
Updated:					Corrected:				