

2019 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR ¹	2019 Resident Population ²	2019 Projected Patients ³	Average Visits per Patient ⁴	2019 Projected Patient Visits ⁵	2019 Projected Equivalent Visits by Type of Visit ⁶	2019 Projected Non-Special MRT Needed ⁷	Current Authorized Inventory ⁸	Unmet Need [Surplus/ (Deficit)]	2013 Aggregate Utilization ⁹
SSDR 1	1,062,136	2,547	20	51,297	68,004	7	8	1	60%
SSDR 2	842,649	2,069	25	50,823	63,519	7	8	1	61%
SSDR 3	5,189,172	12,416	21	263,922	413,267	45	43	(2)	78%
SSDR 4	630,035	1,470	25	36,543	53,000	5	6	1	50%
SSDR 5	775,123	1,856	20	37,699	59,931	6	6	0	71%
SSDR 6	553,396	1,299	22	28,902	44,457	4	5	1	91%
SSDR 7	509,119	1,170	21	24,556	35,995	3	6	3	82%
SSDR 8	413,128	978	23	22,246	32,096	3	5	2	71%
SSDR 9	333,278	727	29	20,786	33,577	3	3	0	48%
SSDR 10	414,979	1,031	21	21,785	24,615	2	5	3	70%
SSDR 11	454,761	1,037	28	29,208	43,288	4	4	0	73%
SSDR 12	779,865	1,731	22	38,086	64,229	7	9	2	84%
Statewide	11,957,641	28,333	22	625,852	935,978	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://dph.georgia.gov/cancer-reports>); released 2012. 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 2012 and 2013 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 6/27/2014, 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 2013. (prior year data was used in cases where 2013 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: 6/27/2014

Revised:

Updated:

Corrected:

