

2027 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR ¹	2027 Resident Population ²	2027 Projected Patients ³	Average Visits per Patient ⁴	2027 Projected Patient Visits ⁵	2027 Projected Equivalent Visits by Type of Visit ⁶	2027 Projected Non-Special MRT Needed ⁷	Current Authorized Inventory ⁸	Unmet Need [Surplus/ (Deficit)]	2021 Aggregate Utilization ⁹
SSDR 1	1,002,243	2,346	20	46,420	81,944	9	9	0	96%
SSDR 2	857,017	2,122	19	40,383	70,298	7	7	0	101%
SSDR 3	5,539,631	12,918	16	208,817	351,322	39	44	5	74%
SSDR 4	582,897	1,415	19	26,783	47,077	5	6	1	58%
SSDR 5	740,144	1,805	17	30,028	51,600	5	6	1	82%
SSDR 6	507,940	1,209	18	22,272	36,005	4	5	1	112%
SSDR 7	502,328	1,150	16	18,342	25,039	2	6	4	90%
SSDR 8	352,592	825	20	16,607	26,382	2	5	3	61%
SSDR 9	301,285	657	25	16,633	30,473	3	3	0	56%
SSDR 10	340,856	817	18	15,016	24,322	2	5	3	70%
SSDR 11	430,151	1,008	16	16,492	25,695	2	4	2	76%
SSDR 12	767,450	1,727	18	30,796	58,093	6	9	3	85%
Statewide	11,924,534	27,998	17	488,590	828,251	86	109		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 2018-2030: Governor's Office of Planning and Budget (4/1/2021 DHP Release). See DCH Rule 111-2-2-.09(1)(b)1. Horizon year is 2027 pursuant to Rule 111-2-2-.09(1)(b)3.

³ Cancer Incidence Rates from Age Adjusted Cancer Incidence Rates by County for 2015-2019, Georgia Department of Public Health (<http://dph.georgia.gov/cancer-reports>); released 2021. Rates applied to 2027 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 2020 and 2021 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 6/24/2022, 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 2021. (prior year data was used in cases where 2021 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: 6/24/2022

Updated:

Revised:

Corrected: