

2029 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR ¹	2029 Resident Population ²	2029 Projected Patients ³	Average Visits per Patient ⁴	2029 Projected Patient Visits ⁵	2029 Projected Equivalent Visits by Type of Visit ⁶	2029 Projected Non-Special MRT Needed ⁷	Current Authorized Inventory ⁸	Unmet Need [Surplus/ (Deficit)]	2023 Aggregate Utilization ⁹
SSDR 1	995,330	2,368	18	41,927	68,609	7	9	2	85%
SSDR 2	856,367	2,126	18	37,946	67,612	7	7	0	88%
SSDR 3	5,181,922	11,933	17	198,999	343,557	38	44	6	79%
SSDR 4	575,687	1,397	18	24,804	44,572	4	6	2	65%
SSDR 5	743,364	1,824	18	32,952	58,406	6	6	0	100%
SSDR 6	523,229	1,260	17	21,377	35,092	3	5	2	106%
SSDR 7	513,708	1,179	21	24,353	39,908	4	6	2	98%
SSDR 8	378,586	888	19	16,569	27,333	3	5	2	69%
SSDR 9	303,630	675	23	15,787	25,873	2	3	1	68%
SSDR 10	341,711	813	17	13,928	24,274	2	5	3	85%
SSDR 11	437,321	1,035	13	13,814	20,831	2	4	2	66%
SSDR 12	791,735	1,811	18	32,210	71,285	7	9	2	110%
Statewide	11,642,590	27,308	17	474,664	827,353	85	109		84%

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 2020-2035: Governor's Office of Planning and Budget (4/1/2023 DHP Release). See DCH Rule 111-2-2-.09(1)(b)1. Horizon year is 2029 pursuant to Rule 111-2-2-.09(1)(b)3.
- ³ Cancer Incidence Rates from Age Adjusted Cancer Incidence Rates by County for 2017-2021, Georgia Department of Public Health (<http://dph.georgia.gov/cancer-reports>); released 2024. Rates applied to 2029 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 2022 and 2023 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 6/27/2024, 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 2023. (prior year data was used in cases where 2023 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: 6/27/2024	Revised:
Updated:	Corrected: