

2028 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

| Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary | | | | | | | | | |
|--|---------------------------------------|--------------------------------------|---|--|--|--|---|---------------------------------|---|
| SSDR ¹ | 2028 Resident Population ² | 2028 Projected Patients ³ | Average Visits per Patient ⁴ | 2028 Projected Patient Visits ⁵ | 2028 Projected Equivalent Visits by Type of Visit ⁶ | 2028 Projected Non-Special MRT Needed ⁷ | Current Authorized Inventory ⁸ | Unmet Need [Surplus/ (Deficit)] | 2022 Aggregate Utilization ⁹ |
| SSDR 1 | 987,870 | 2,310 | 18 | 41,656 | 69,882 | 7 | 9 | 2 | 89% |
| SSDR 2 | 843,550 | 2,049 | 19 | 37,996 | 66,384 | 7 | 7 | 0 | 99% |
| SSDR 3 | 5,131,361 | 11,749 | 16 | 191,529 | 323,175 | 35 | 44 | 9 | 78% |
| SSDR 4 | 571,121 | 1,359 | 18 | 24,672 | 44,018 | 4 | 6 | 2 | 61% |
| SSDR 5 | 733,957 | 1,783 | 19 | 33,138 | 57,693 | 6 | 6 | 0 | 86% |
| SSDR 6 | 521,249 | 1,229 | 18 | 21,809 | 35,433 | 3 | 5 | 2 | 112% |
| SSDR 7 | 510,828 | 1,174 | 19 | 21,989 | 32,390 | 3 | 6 | 3 | 89% |
| SSDR 8 | 377,910 | 883 | 20 | 17,671 | 28,434 | 3 | 5 | 2 | 69% |
| SSDR 9 | 303,183 | 658 | 23 | 14,946 | 26,902 | 2 | 3 | 1 | 51% |
| SSDR 10 | 341,667 | 817 | 18 | 14,409 | 24,161 | 2 | 5 | 3 | 82% |
| SSDR 11 | 435,243 | 1,023 | 18 | 17,947 | 28,063 | 3 | 4 | 1 | 69% |
| SSDR 12 | 784,667 | 1,780 | 18 | 32,260 | 63,108 | 7 | 9 | 2 | 98% |
| Statewide | 11,542,606 | 26,817 | 18 | 470,023 | 799,642 | 82 | 109 | | 82% |

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 2028 pursuant to Rule 111-2-2-.09(1)(b)3.
- ³ Cancer Incidence Rates from Age Adjusted Cancer Incidence Rates by County for 2016-2020, Georgia Department of Public Health (<http://dph.georgia.gov/cancer-reports>); released 2022. Rates applied to 2028 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 2021 and 2022 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 12/20/2023, 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 2022. (prior year data was used in cases where 2022 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: 12/20/2023 | Revised: |
| Updated: | Corrected: |