

Chartbook Section 8B

Health Care Providers and
Service Availability:
Clinics, Imaging and Other
Facilities

Section 8B: Health Care Providers and Service Availability: Clinics, Imaging and Other Facilities

- Availability of physician clinic services
- Availability of diagnostic imaging services
- Availability of freestanding outpatient surgical services

This slide deck is part Minnesota's Health Care Markets Chartbook, an annual review of key metrics in health care access, coverage, market competition and health care costs ([MN Statutes, Section 144.70](#))

Due to Hospital Annual Report revisions, data may not match previously published numbers.

A summary of the charts and graphs contained within is provided at [Chartbook Summaries - Section 8B](#). Direct links are listed on each page. Please contact the Health Economics Program at 651-201-4520 or health.hep@state.mn.us if additional assistance is needed for accessing this information.

Availability of Physician Clinic Services

Number of Physicians Practicing in Minnesota, 2020-2021

| | 2020 | 2021 |
|--|--------|--------|
| Number of Physicians: | 18,736 | 19,027 |
| Primary Care Physicians | 5,675 | 5,626 |
| Specialty Care Physicians | 10,818 | 10,635 |
| No Certification | 2,243 | 2,766 |
| Physicians for Every 100,000 Residents: | 336.8 | 339.8 |
| Primary Care Physicians | 102.0 | 100.5 |
| Specialty Care Physicians | 194.5 | 189.9 |
| No Certification | 40.3 | 49.4 |

Compared to 2020, Minnesota is seeing:

- A stable number of physicians per 100,000 residents
- A decrease in primary and specialty care physicians
- An increase in physicians with no board certifications

Includes all physicians who have an active Minnesota license and a primary business address in Minnesota. "Primary Care" includes: General Family Medicine, General Internal Medicine, General Pediatrics. "No Certification" means there were no board certifications on the record received from the Minnesota Board of Medical Practice.

Sources: 2019 and 2020 American Community Survey, 5-year Estimates and Minnesota Board of Medical Practices, March 2022. Analysis by MDH, Office of Rural Health & Primary Care and Health Economics Program.

Number of Physicians Practicing in Minnesota by RUCA, 2021

| | RUCA Classification ¹ | | | | Statewide |
|--|----------------------------------|------------------|------------------|--------|-----------|
| | Isolated Rural | Small Rural Town | Large Rural City | Urban | |
| Number of Physicians² | 233 | 690 | 1,301 | 16,803 | 19,027 |
| Primary Care Physicians | 174 | 412 | 565 | 4,475 | 5,626 |
| Specialty Care Physicians | 35 | 211 | 616 | 9,773 | 10,635 |
| No Certification | 24 | 67 | 120 | 2,555 | 2,766 |
| Physicians for Every 100,000 Residents: | 54.3 | 177.2 | 211.8 | 403.2 | 339.8 |
| Primary Care Physicians | 40.5 | 105.8 | 92.0 | 107.4 | 100.5 |
| Specialty Care Physicians | 8.2 | 54.2 | 100.3 | 234.5 | 189.9 |
| No Certification | 5.6 | 17.2 | 19.5 | 61.3 | 49.4 |

¹RUCA refers to Rural-Urban Commuting Area, see [Minnesota Health Workforce Analysis Survey Methodology \(www.health.state.mn.us/data/workforce/method.html#ruca\)](http://www.health.state.mn.us/data/workforce/method.html#ruca) for more information.

²Includes all physicians who have an active Minnesota license and a primary business address in Minnesota. “Primary Care” includes: General Family Medicine, General Internal Medicine, General Pediatrics. “No Certification” means there were no board certifications on the record received from the Minnesota Board of Medical Practice.

Note: Due to methodology changes, past Chartbook data should not be used for comparison. Previous data used physicians’ mailing address and methodology was changed to use physicians’ business practice address.

Sources: 2020 American Community Survey, 5-year Estimates and Minnesota Board of Medical Practices, March 2022. Analysis by MDH, Office of Rural Health & Primary Care and Health Economics Program.

Distribution of Number of Physicians Practicing in Minnesota by Location and Specialty, 2021

| | RUCA Classification ¹ | | | | Statewide |
|------------------------------------|----------------------------------|------------------|------------------|-------------|-------------|
| | Isolated Rural | Small Rural Town | Large Rural City | Urban | |
| Primary Care Physicians | 75% | 60% | 43% | 27% | 30% |
| General Facility Based | 0% | 7% | 10% | 11% | 11% |
| Surgeons | 4% | 11% | 12% | 8% | 8% |
| Other Specialty Physicians | 10% | 12% | 26% | 40% | 37% |
| No Certification | 10% | 10% | 9% | 15% | 15% |
| All Specialties² | 100% | 100% | 100% | 100% | 100% |

¹RUCA refers to Rural-Urban Commuting Area, see [Minnesota Health Workforce Analysis Survey Methodology \(www.health.state.mn.us/data/workforce/method.html#ruca\)](http://www.health.state.mn.us/data/workforce/method.html#ruca) for more information.

²All specialties Includes all physicians who have an active Minnesota license and a primary business address in Minnesota. “Primary Care” includes: General Family Medicine, General Internal Medicine, General Pediatrics. “No Certification” means there were no board certifications on the record received from the Minnesota Board of Medical Practice.

Note: Due to methodology changes, past Chartbook data should not be used for comparison. Previous data used physicians’ mailing address and methodology was changed to use physicians’ business practice address. Values may not sum to 100% based on rounding.

Source: Minnesota Board of Medical Practices, March 2022. Analysis by MDH, Office of Rural Health & Primary Care and Health Economics Program.

Number of Primary Care and Specialty Care Clinics by Region in Minnesota, 2022

| | Primary Care ¹ Clinics ² | Primary Care Clinics per 100,000 | Specialty Care ³ Clinics ² | Specialty Care Clinics per 100,000 |
|----------------------|---|--|--|--|
| Central | 85 | 11.1 | 127 | 16.6 |
| Metro | 288 | 9.3 | 603 | 19.5 |
| Northeast | 51 | 15.7 | 62 | 19.1 |
| Northwest | 34 | 19.9 | 21 | 12.3 |
| South Central | 37 | 12.7 | 43 | 14.7 |
| Southeast | 56 | 11.0 | 42 | 8.2 |
| Southwest | 48 | 22.2 | 30 | 13.9 |
| West Central | 43 | 18.6 | 29 | 12.6 |
| Statewide | 642 | 11.5 | 957 | 17.1 |

¹ Primary Care includes general family medicine, general internal medicine, and general pediatrics.

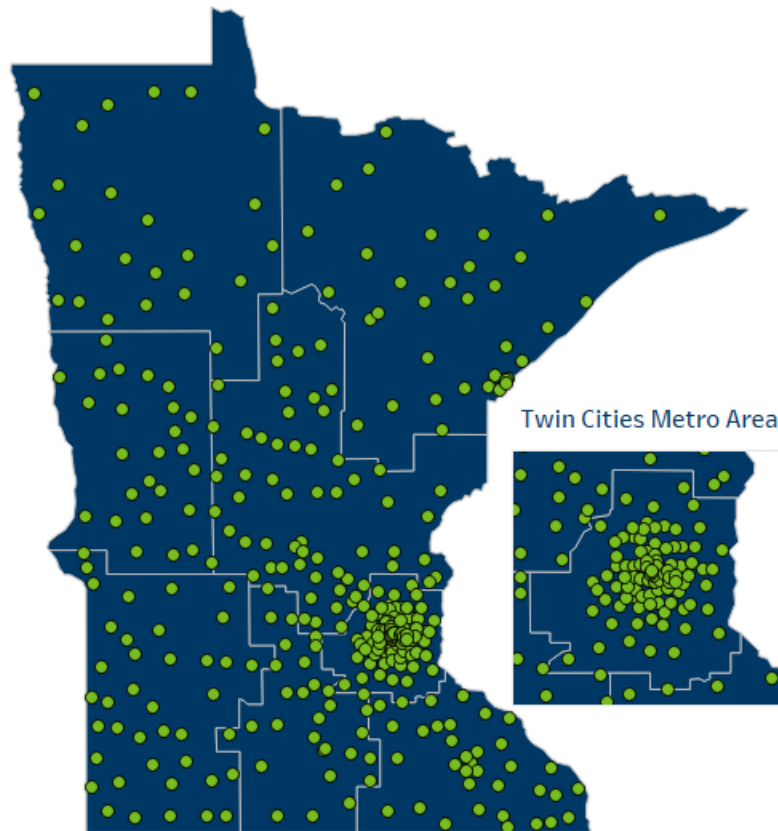
² This represents the number of clinics and does not account for patient population or number of practicing physicians.

³ Specialty Care includes one or more non-primary care specialties.

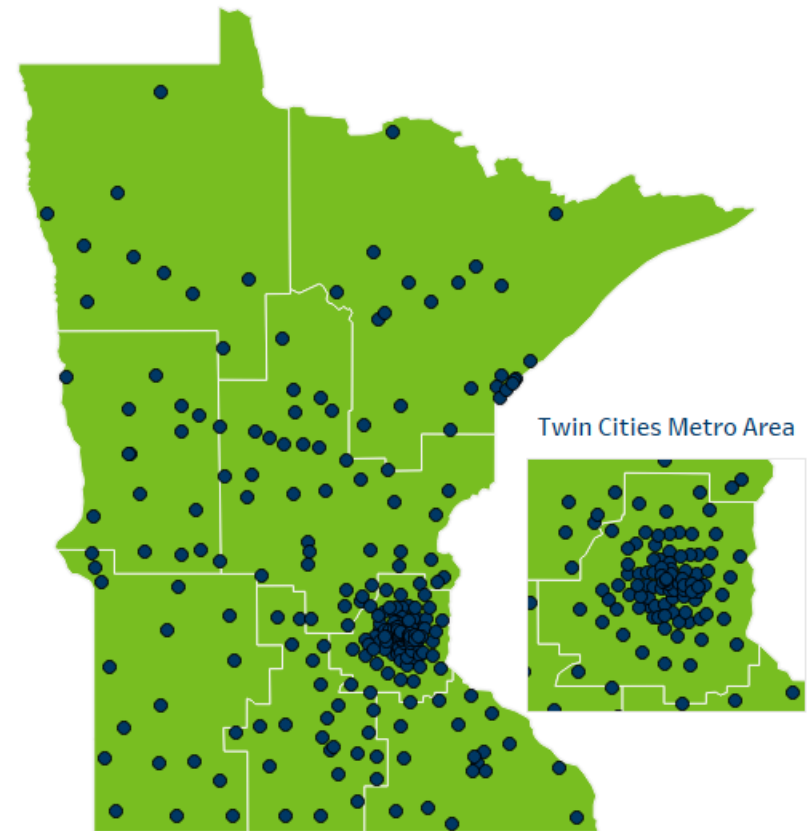
Source: 2020 American Community Survey, 5-year Estimates and MDH Health Economics Program analysis of the Physician Clinic Registry collected under Minnesota Statutes, Section 62U.02.

Location of Minnesota Primary Care and Specialty Care Clinics, 2022

Primary Care Clinics, 2022



Specialty Care Clinics, 2022



Notes: Dots represent the number of clinics and does not account for patient population or number of practicing physicians. Locations are plotted by zip code and may not be exact. Primary Care includes general family medicine, general internal medicine, and general pediatrics; Specialty Care includes one or more non-primary care specialty.

Source: MDH Health Economics Program analysis of the Physician Clinic Registry collected under Minnesota Statutes, Section 62U.02.

[Summary of image](#)

Number of Minnesota Primary Care Clinics for Medical Groups with 10 or More Clinics, 2022

| Medical Group | Number of Clinics |
|--|-------------------|
| Allina Health | 81 |
| Sanford Health | 46 |
| Essentia Health | 44 |
| Fairview Health Services | 43 |
| Park Nicollet Health Services | 31 |
| HealthPartners Clinics | 27 |
| Mayo Clinic Health System | 27 |
| CentraCare Health | 24 |
| Hennepin Healthcare | 17 |
| Olmsted Medical Center | 16 |
| North Memorial | 15 |
| Ridgeview Clinics | 14 |
| Avera Medical Group | 13 |
| Children's Minnesota | 11 |
| Entira Family Clinics (formerly Family Health Services MN) | 10 |
| No Medical Group/All Other | 223 |
| Total Number of Primary Care Clinics | 642 |

Primary Care includes general family medicine, general internal medicine, and general pediatrics.

Medical groups are ordered by number of clinics in descending order.

Source: MDH Health Economics Program analysis of the Physician Clinic Registry collected under Minnesota Statutes, Section 62U.02.

Availability of Diagnostic Imaging Services

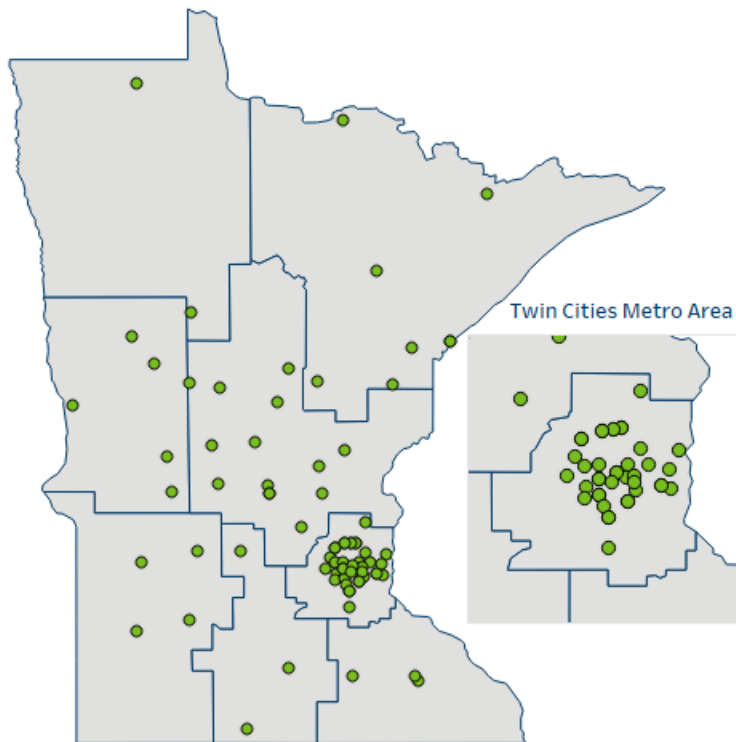
Number of Magnetic Resonance Imaging (MRI) Scanners by Minnesota Region, 2020

| | Diagnostic Imaging Center MRIs | Hospital MRIs | Total MRIs | Total MRIs per 100,000 Residents |
|------------------|--------------------------------|---------------|------------|----------------------------------|
| Central | 17 | 6 | 23 | 3.0 |
| Metro | 82 | 56 | 138 | 4.5 |
| Northeast | 12 | 7 | 19 | 5.9 |
| Northwest | 2 | 4 | 6 | 3.5 |
| South Central | 5 | 6 | 11 | 3.8 |
| Southeast | 29 | 13 | 42 | 8.2 |
| Southwest | 4 | 7 | 11 | 5.1 |
| West Central | 6 | 3 | 9 | 3.9 |
| Statewide | 157 | 102 | 259 | 4.6 |

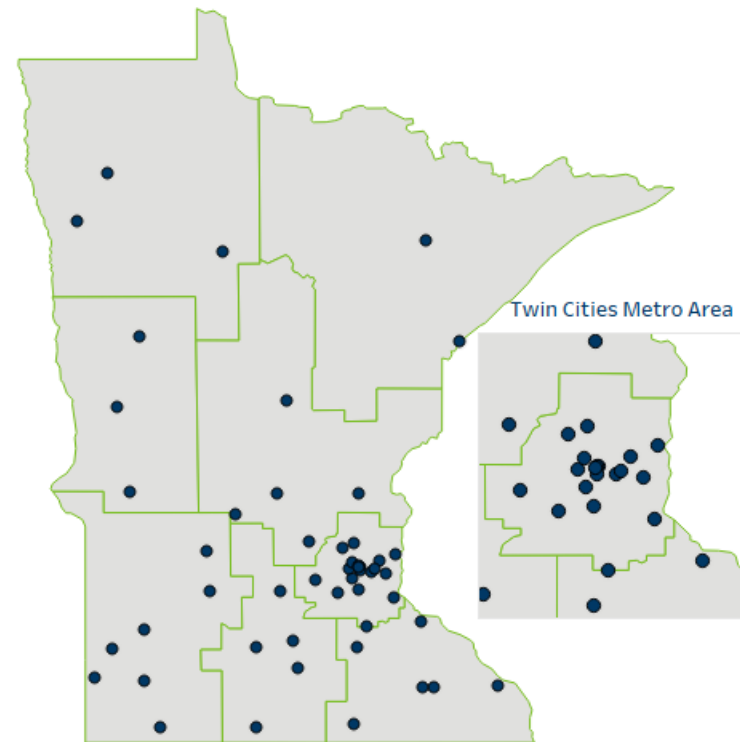
Note: Due to methodology changes, past Chartbook data should not be used for comparison. Totals do not include mobile units registered out of state. Sources: 2020 American Community Survey, 5-year Estimates and MDH Health Economics Program analysis of data from the Diagnostic Imaging Facility Utilization Report and Hospital Annual Report, June 2022.

Location of Diagnostic Imaging Center & Hospital Magnetic Resonance Imaging Scanners (MRIs), 2020

Diagnostic Imaging Center MRIs



Hospital MRIs



Note: Locations are plotted by zip code and may not be exact.

Source: MDH Health Economics Program analysis of data from the Diagnostic Imaging Facility Utilization Report and Hospital Annual Report, June 2022. 12

[Summary of image](#)

Number of Computed Tomography (CT) and Other Advanced Imaging Scanners by Minnesota Region, 2020

| | Diagnostic Imaging Center CT & Other Advanced Imaging Scanners | Hospital CT & Other Advanced Imaging Scanners | Total CT & Other Advanced Imaging Scanners | Total CT & Other Advanced Imaging Scanners per 100,000 Residents |
|------------------|--|---|--|--|
| Central | 25 | 24 | 49 | 6.4 |
| Metro | 71 | 114 | 185 | 6.0 |
| Northeast | 11 | 16 | 27 | 8.3 |
| Northwest | 12 | 12 | 24 | 14.0 |
| South Central | 11 | 12 | 23 | 7.9 |
| Southeast | 16 | 37 | 53 | 10.4 |
| Southwest | 10 | 19 | 29 | 13.4 |
| West Central | 10 | 5 | 15 | 6.5 |
| Statewide | 166 | 239 | 405 | 7.2 |

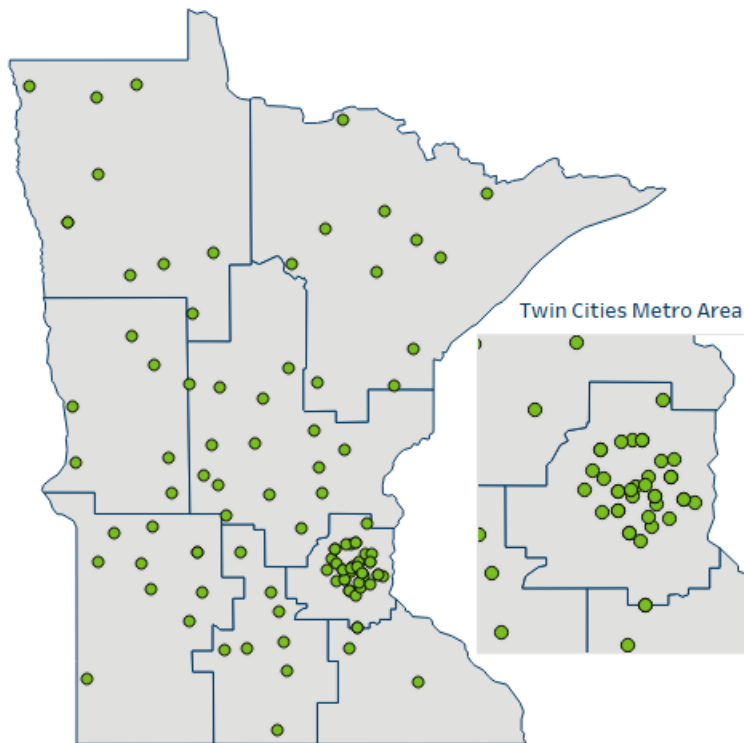
Note: The term 'other advanced imaging' includes positron emission tomography, single-photon emission computed tomography, and combination scanners.

Due to methodology changes, past Chartbook data should not be used for comparison. Totals do not include mobile units registered out of state.

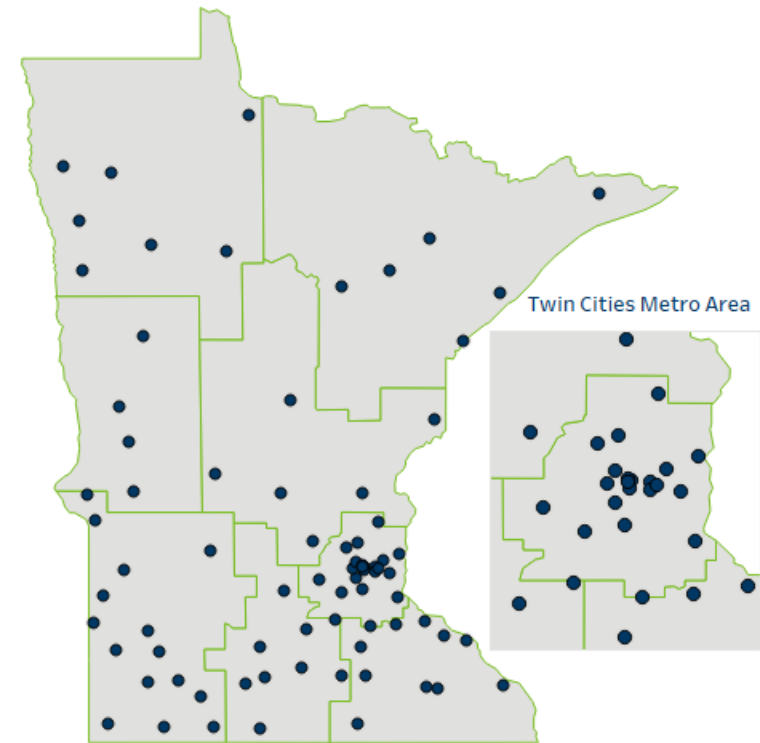
Sources: 2020 American Community Survey, 5-year Estimates and MDH Health Economics Program analysis of data from the Diagnostic Imaging Facility Utilization Report and Hospital Annual Report, June 2022.

Location of Diagnostic Imaging Center Computed Tomography (CT), Other Advanced Imaging Scanners, 2020

Diagnostic Imaging Center CT and Other Advanced Imaging



Hospital CT and Other Advanced Imaging



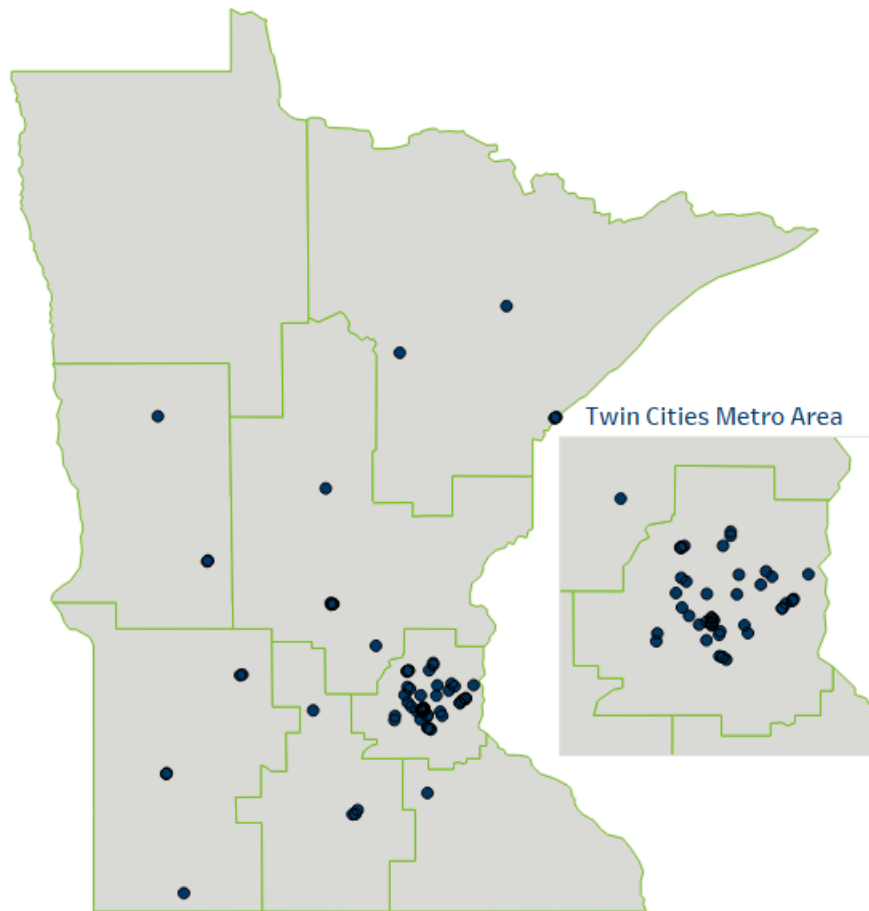
Notes: The term 'other advanced imaging' includes positron emission tomography, single-photon emission computed tomography, and combination scanners. Locations are plotted by zip code and may not be exact.

Source: MDH Health Economics Program analysis of data from the Diagnostic Imaging Facility Utilization Report and Hospital Annual Report, June 2022.

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Availability of Freestanding Outpatient Surgical Services

Location of Freestanding Outpatient Surgical Centers in Minnesota, 2020

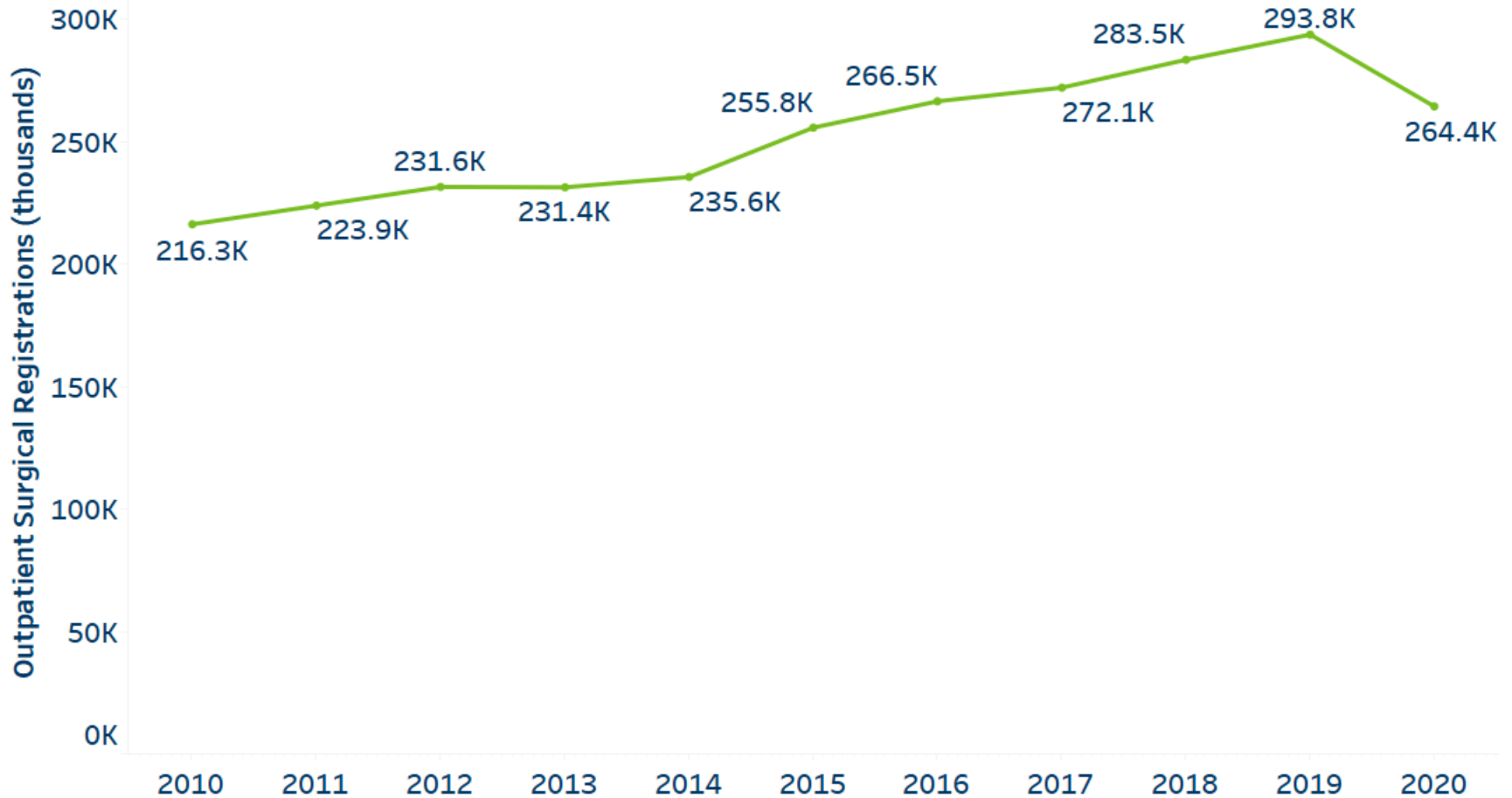


| Region | Number of Freestanding Surgical Centers |
|------------------|---|
| Central | 6 |
| Metro | 50 |
| Northeast | 5 |
| Northwest | 0 |
| South Central | 4 |
| Southeast | 1 |
| Southwest | 5 |
| West Central | 3 |
| Statewide | 74 |

Source: MDH Health Economics Program analysis of data from the Freestanding Outpatient Surgical Center Financial, Utilization, and Services Report, June 2022.

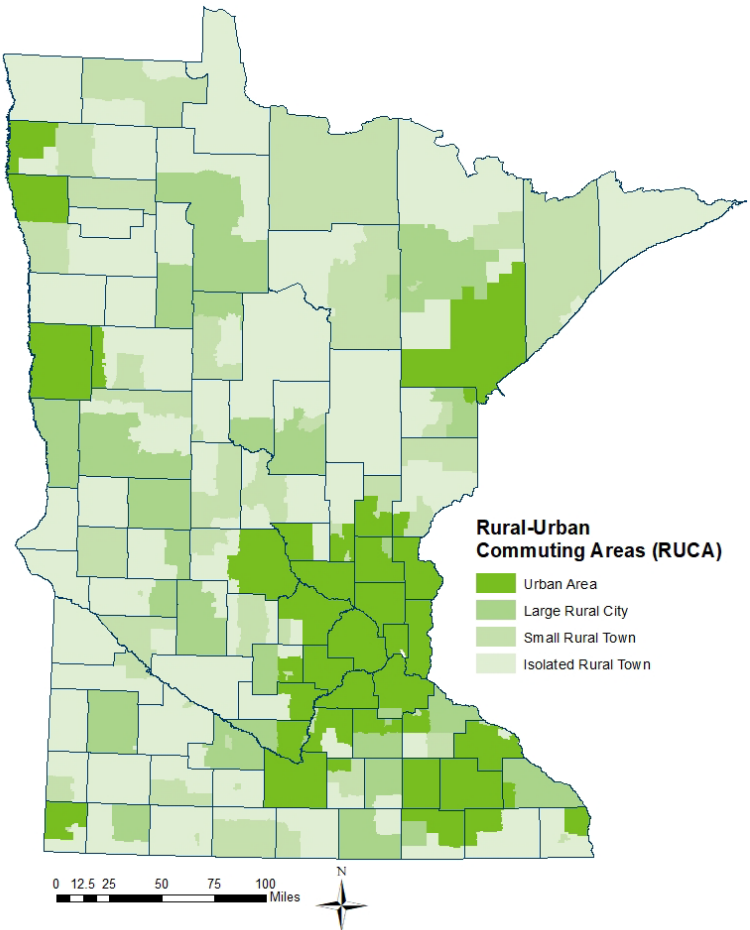
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Number of Freestanding Outpatient Surgical Registrations in Minnesota



Source: MDH Health Economics Program analysis of data from the Freestanding Outpatient Surgical Center Financial, Utilization, and Services Report, June 2022
[Summary of graph](#)

Rural-Urban Commuting Areas (RUCA) & State Community Health Services Advisory Committee Regions (SCHSAC)



Rural and urban areas are identified using the Rural-Urban Commuting Areas (RUCA). For more information on RUCA, visit: www.health.state.mn.us/data/workforce/method.html#ruca
[Summary of image](#)

Minnesota counties are grouped into State Community Health Services Advisory Committee (SCHSAC) Regions for state and local public health cooperation. For more information on SCHSAC, visit: www.health.state.mn.us/schsac/

Additional Information from the Health Economics Program Available Online

- Health Economics Program Home Page
(www.health.state.mn.us/healtheconomics)
- Publications
(<https://publications.web.health.state.mn.us/?publishType=HEP>)
- Health Care Market Statistics (Chartbook Updates)
(<https://www.health.state.mn.us/data/economics/chartbook/index.html>)

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