

Volume Results

Key Findings & Statewide Statistics

The *Common Procedures Report* is based on federal fiscal year (FY) 2025 data (October 1, 2024 through September 30, 2025). Total case volume information is displayed in the **Volume Results** section of the report. To view key findings and statewide statistics associated with this section of the report, click on each procedure below.

Spinal Fusion

Total Hip Replacement

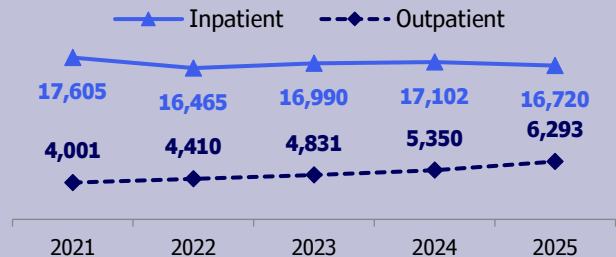
Total Knee Replacement

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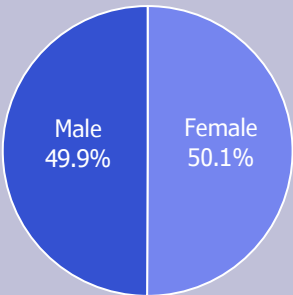
Spinal Fusion

Total Number of Cases

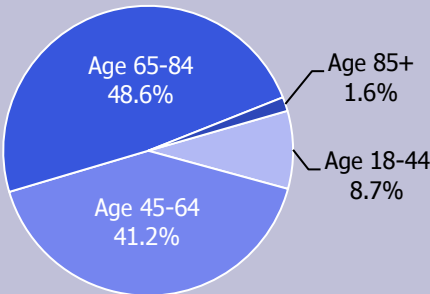


FY 2021 – FY 2024 data are displayed for trending purposes only and are not included in the report analyses.

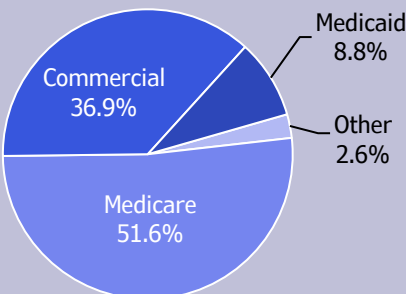
Female/Male



Age



Payer Type



Percentages may not add to 100% due to rounding.

Spinal Fusion Case Rates per 10,000 Pennsylvania Residents

Statewide Rate: 20.0

Age	Female/Male	Race/Ethnicity
Age 18-44 4.0	Female 19.6	White (non-Hispanic) 22.7
Age 45-64 27.5	Male 20.5	Black (non-Hispanic) 15.5
Age 65-84 41.0		Hispanic 5.1
Age 85 and older 10.1		
Poverty	Rural/Urban	Region
High Poverty 12.7	Rural County 22.4	Western PA 22.6
All Other 21.0	Urban County 19.2	Central & Northeastern PA 22.2
		Southeastern PA 16.8

Rate calculations: The case rates above were based on Pennsylvania residents (20,960 cases or 91.1% of all 23,013 cases for spinal fusion) using PHC4 data and 2025 US Census Bureau population figures (2024 for poverty rates).¹ Details related to poverty, rural/urban, and county assignment by region can be found on page 5.

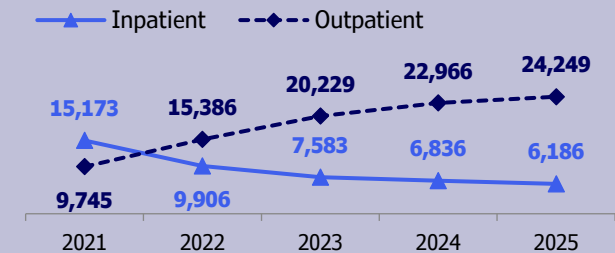
¹ U.S. Census Bureau, "Annual County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin (CC-EST2025-ALLDATA)", April 1, 2020 – July 1, 2025, <<https://www.census.gov/data/tables/time-series/demo/popest/2020s-counties-detail.html>>, accessed on June 25, 2026.

For County Rates, see "Map – Rates by County"

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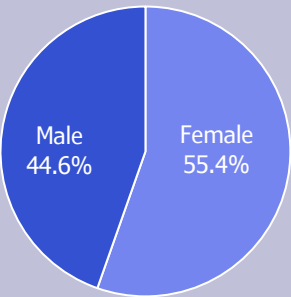
Total Hip Replacement

Total Number of Cases

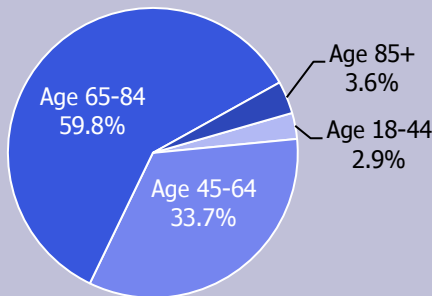


FY 2021 – FY 2024 data are displayed for trending purposes only and are not included in the report analyses.

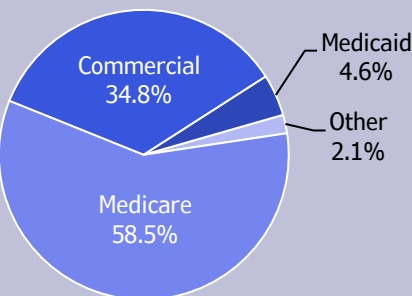
Female/Male



Age



Payer Type



Percentages may not add to 100% due to rounding.

Total Hip Replacement Case Rates per 10,000 Pennsylvania Residents
Statewide Rate: 27.2

Age Age 18-44 1.8 Age 45-64 30.3 Age 65-84 68.9 Age 85 and older 32.4	Female/Male Female 29.3 Male 24.9	Race/Ethnicity White (non-Hispanic) 32.6 Black (non-Hispanic) 16.4 Hispanic 3.6
Poverty High Poverty 14.8 All Other 28.9	Rural/Urban Rural County 28.7 Urban County 26.6	Region Western PA 32.2 Central & Northeastern PA 26.5 Southeastern PA 24.2

Rate calculations: The case rates above were based on Pennsylvania residents (28,431 cases or 93.4% of all 30,435 cases for total hip replacement) using PHC4 data and 2025 US Census Bureau population figures (2024 for poverty rates).¹ Details related to poverty, rural/urban, and county assignment by region can be found on page 5.

¹ U.S. Census Bureau, "Annual County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin (CC-EST2025-ALLDATA)", April 1, 2020 – July 1, 2025, <<https://www.census.gov/data/tables/time-series/demo/popest/2020s-counties-detail.html>>, accessed on June 25, 2026.

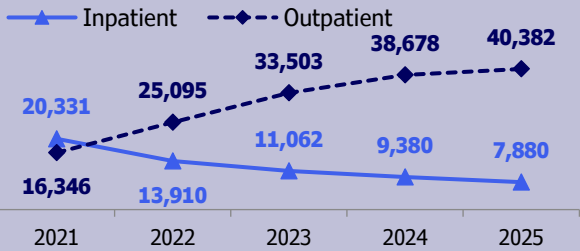
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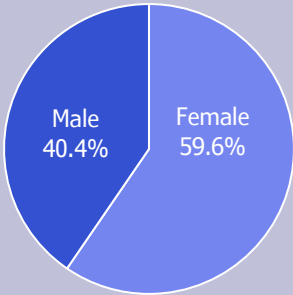
Total Knee Replacement

Total Number of Cases

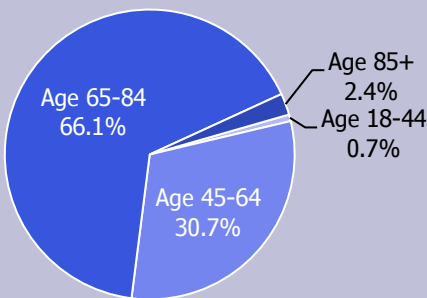


FY 2021 – FY 2024 data are displayed for trending purposes only and are not included in the report analyses.

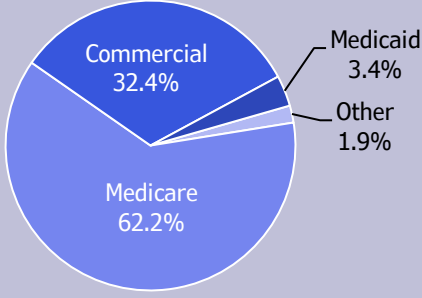
Female/Male



Age



Payer Type



Percentages may not add to 100% due to rounding.

Total Knee Replacement Case Rates per 10,000 Pennsylvania Residents

Statewide Rate: 43.5

Age	Female/Male	Race/Ethnicity
Age 18-44 0.7	Female 50.3	White (non-Hispanic) 51.1
Age 45-64 44.3	Male 36.1	Black (non-Hispanic) 26.0
Age 65-84 121.8		Hispanic 9.8
Age 85 and older 33.8		
Poverty	Rural/Urban	Region
High Poverty 24.6	Rural County 46.4	Western PA 51.1
All Other 46.1	Urban County 42.4	Central & Northeastern PA 44.3
		Southeastern PA 37.7

Rate calculations: The case rates above were based on Pennsylvania residents (45,486 cases or 94.2% of all 48,262 cases for total knee replacement) using PHC4 data and 2025 US Census Bureau population figures (2024 for poverty rates).¹ Details related to poverty, rural/urban, and county assignment by region can be found on page 5.

¹ U.S. Census Bureau, "Annual County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin (CC-EST2025-ALLDATA)", April 1, 2020 – July 1, 2025, <<https://www.census.gov/data/tables/time-series/demo/popest/2020s-counties-detail.html>>, accessed on June 25, 2026.

For County Rates, see "Map – Rates by County"

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Details for Poverty, Rural/Urban, and Region

High Poverty rates included residents living in areas where 20% or more of the population lives in poverty.

Rural County and **Urban County** rates were based on the designation of the county of residence as defined by The Center for Rural Pennsylvania. Urban counties are *italicized* in the following list of counties by region.

- **Western PA** includes the following counties: *Allegheny*, Armstrong, Beaver, Bedford, Blair, Butler, Cambria, Cameron, Clarion, Clearfield, Crawford, Elk, *Erie*, Fayette, Forest, Greene, Indiana, Jefferson, Lawrence, McKean, Mercer, Potter, Somerset, Venango, Warren, Washington, and Westmoreland.
- **Central & Northeastern PA** includes the following counties: Adams, Bradford, Centre, Clinton, Columbia, *Cumberland*, *Dauphin*, Franklin, Fulton, Huntingdon, Juniata, *Lackawanna*, *Lancaster*, *Lebanon*, *Luzerne*, Lycoming, Mifflin, Monroe, Montour, Northumberland, Perry, Pike, Snyder, Sullivan, Susquehanna, Tioga, Union, Wayne, Wyoming, and York.
- **Southeastern PA** includes the following counties: *Berks*, *Bucks*, Carbon, Chester, Delaware, Lehigh, Montgomery, Northampton, Philadelphia, and Schuylkill.