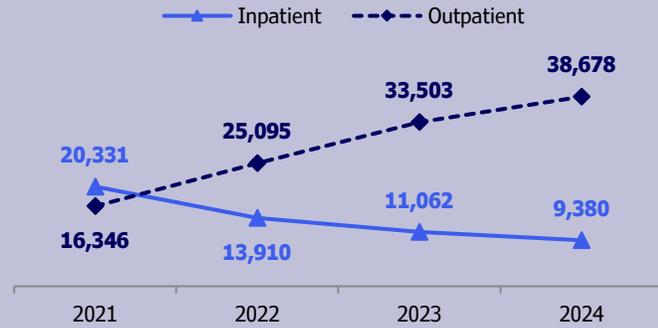


# Key Findings & Statewide Statistics

## Total Knee Replacement

### Number of Cases by Fiscal Year



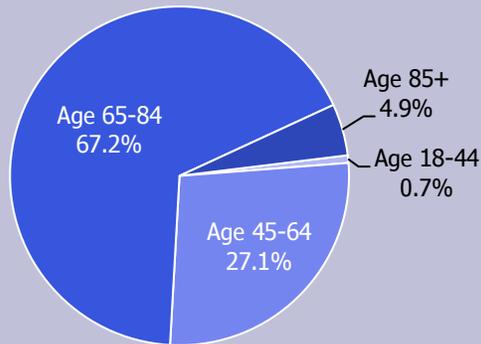
2021 through 2023 data are displayed for trending purposes only and are not included in the report analyses.

There were **9,380** inpatient hospitalizations and **38,678** outpatient encounters for total knee replacement procedures in Pennsylvania facilities from October 1, 2023 through September 30, 2024 (fiscal year 2024).

Of the inpatient hospitalizations, **6,713** cases, after exclusions, were examined in the Hospital Results section of this report in determining statewide rates of complications and postoperative length of stay.

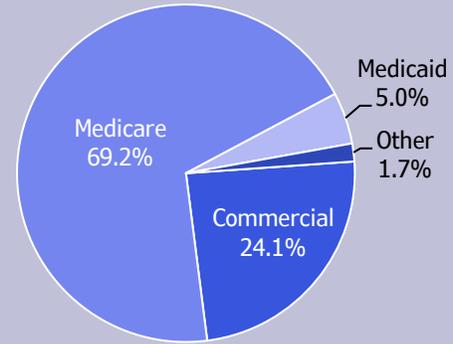
The number of inpatient total knee replacement cases decreased **53.9%** and the number of outpatient cases increased **136.6%** between fiscal years 2021 and 2024.

### Total Knee Replacement, by Age for Inpatient Hospitalizations



Percentages may not add to 100% due to rounding.

### Total Knee Replacement, by Payer for Inpatient Hospitalizations



### Complications for Inpatient Hospital Stays

- The complication rate was **2.5%**.
- Patients age 85 and older had the highest complication rate at **3.3%**.
- White (non-Hispanic) patients had a complication rate of **2.6%**. Hispanic and Black (non-Hispanic) patient categories each had complication rates of **2.3%**.
- Male patients had a complication rate of **2.6%** and female patients had a complication rate of **2.4%**.

### Postoperative Length of Stay for Inpatient Hospital Stays

- Patients stayed in the hospital an average of **2.2 days** following an inpatient total knee replacement.
- **2.3%** of patients who had a total knee replacement during an inpatient hospitalization experienced an extended postoperative length of stay; that is, after accounting for patient risk, they stayed in the hospital longer than expected. The average postoperative stay for these patients was **8.5 days**.

## Common Procedures Report October 1, 2023 through September 30, 2024 Data

### Medicare Payments for Inpatient Hospital Stays

- The average Medicare fee-for-service payment for total knee replacement hospitalizations was **\$13,415**.
- The average Medicare fee-for-service payment for total knee replacement hospitalizations with an extended postoperative length of stay was **\$17,370**.

*Results were based on the Centers for Medicare and Medicaid Services Calendar Year 2023 Medicare fee-for-service payment data.*

### Total Knee Replacement Inpatient Hospitalization Rates per 10,000 Pennsylvania Residents Statewide Rate: 8.4

<b>Age</b>	<b>Female/Male</b>	<b>Race/Ethnicity</b>
Age 18-44 ..... 0.1	Female ..... 10.3	White (non-Hispanic) ..... 9.2
Age 45-64 ..... 7.3	Male ..... 6.3	Black (non-Hispanic) ..... 8.9
Age 65-84 ..... 24.8		Hispanic ..... 2.2
Age 85 and older ..... 15.0		
<b>Poverty</b>	<b>Rural/Urban</b>	<b>Region</b>
High Poverty ..... 7.2	Rural County ..... 7.8	Western PA ..... 8.2
All Other ..... 8.5	Urban County ..... 8.6	Central & Northeastern PA ..... 7.3
		Southeastern PA ..... 9.3

Rate calculations: The inpatient hospitalization rates above were based on Pennsylvania residents (8,732 hospital stays or 93.1% of all 9,380 hospitalizations for total knee replacement) using PHC4 discharge data and 2024 US Census Bureau population figures (2023 for poverty rates).

*High Poverty* rates included inpatient hospitalizations for 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. Regional rates were adjusted for population differences in age and sex.

- 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.*

**For County Rates, see “Maps – Rates by County”**