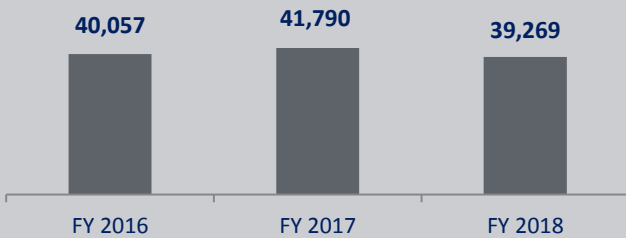


# Key Findings and Statewide Statistics

## Knee Replacement

### Number of Cases, FY 2016 to FY 2018

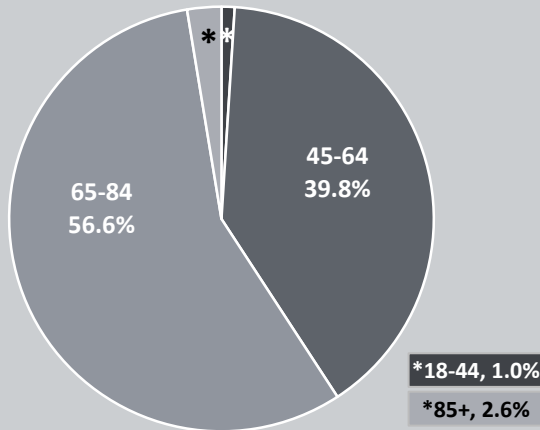


Fiscal Year spans the period from July 1 through June 30.

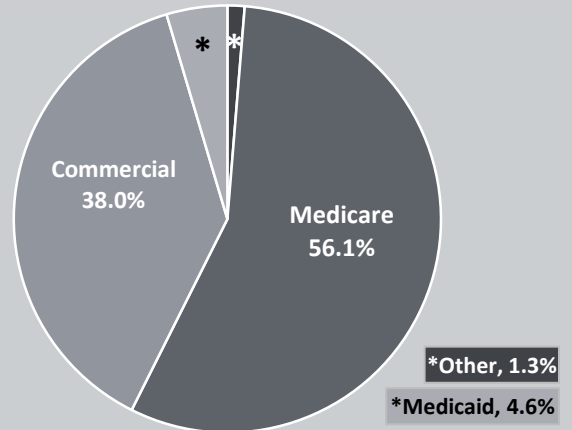
This report examines the 39,269 hospitalizations for knee replacement surgery performed in Pennsylvania general acute care hospitals in Fiscal Year (FY) 2018.

The number of knee replacement procedures increased 4.3% between FY 2016 and FY 2017, and then decreased 6.0% between FY 2017 and FY 2018.

### By Age, FY 2018



### By Payer, FY 2018



## Complications

- **1.5%** of patients who underwent knee replacement in FY 2018 had an in-hospital complication or were readmitted to an acute care hospital for a complication within 7, 30, or 90 days of discharge depending on the complication.
- Patients age 85 and older and black (non-Hispanic) patients had slightly higher complication rates at **1.8%** and **1.7%**, respectively.

## Length of Hospital Stay

- In FY 2018, patients stayed in the hospital an average of **2.1 days** following a knee replacement.
- **1.9%** of patients stayed in the hospital for an extended length of stay; that is, after accounting for patient risk, they stayed in the hospital longer than expected. The average stay for these patients was **6.6 days**.

# Key Findings and Statewide Statistics

## Medicare Payments, FY 2018

- The average Medicare fee-for-service payment for a knee replacement hospitalization in FY 2018 was **\$12,234**.
- The average Medicare fee-for-service payment for a knee replacement hospitalization with an extended length of stay was **\$17,088**.

Based on the Centers for Medicare and Medicaid Services FY 2018 Medicare Fee-for-Service payment data.

## Knee Replacement Hospitalization Rates per 10,000 Pennsylvania Residents (FY 2018)

**Statewide Rate: 36.7**

<p><b>Age</b></p> <p>Age 18-44 ..... 0.9            Age 45-64 ..... 42.8            Age 65-84 ..... 105.0            Age 85 and older ..... 29.3</p>	<p><b>Female/Male</b></p> <p>Female ..... 44.0            Male ..... 28.9</p>	<p><b>Race/Ethnicity</b></p> <p>White (non-Hispanic) ..... 41.4            Black (non-Hispanic) ..... 24.7            Hispanic ..... 7.8</p>
<p><b>Poverty</b></p> <p>High Poverty* ..... 25.3            All Other ..... 39.1</p>	<p><b>Rural/Urban**</b></p> <p>Rural County ..... 39.4            Urban County ..... 35.7</p>	<p><b>Region***</b></p> <p>Western PA ..... 39.1            Central &amp; Northeastern PA ..... 37.2            Southeastern PA ..... 34.3</p>

\* Residents living in areas where 20% or more of the population lives in poverty (2017 US Census Bureau estimates).

\*\*Residents living in counties designated as urban or rural (source The Center for Rural Pennsylvania). Urban counties are italicized in the list of counties below.

\*\*\*Residents living within three Pennsylvania regions. 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.

Regional rates were adjusted for population differences in age and sex.

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