

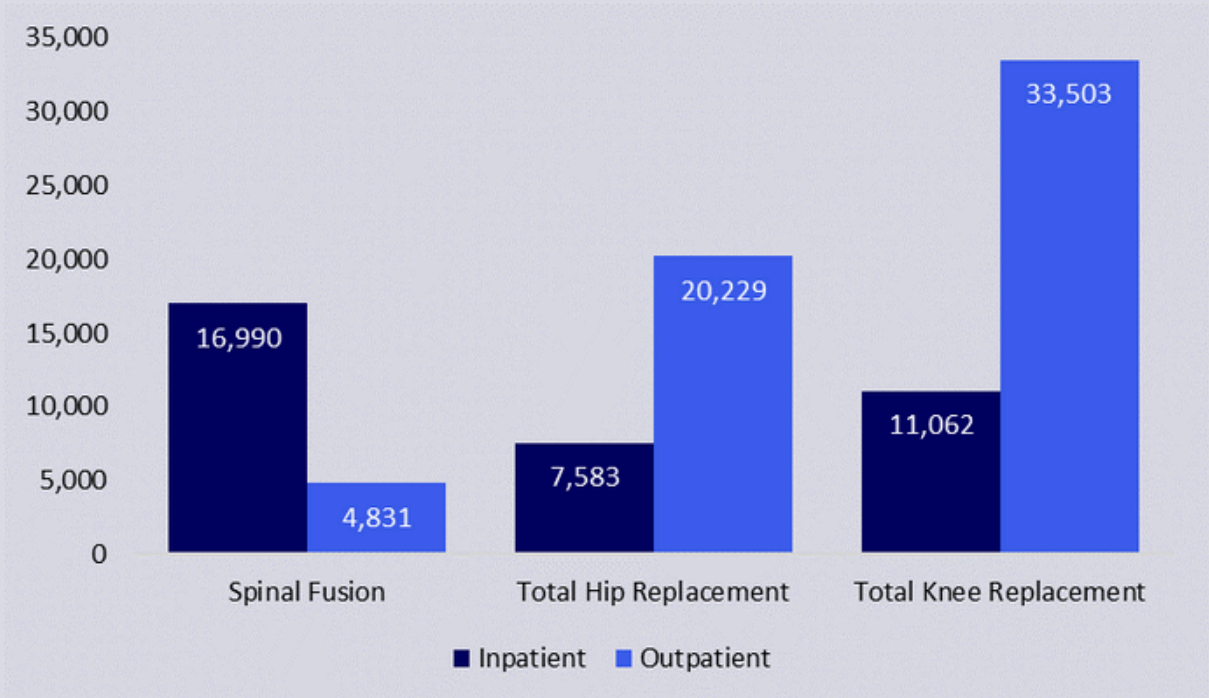
Summary and Highlights

The *Common Procedures Report* released by the Pennsylvania Health Care Cost Containment Council (PHC4) displays outcome and volume information for common orthopedic procedures performed in Pennsylvania facilities. This report can assist consumers and purchasers in making more informed health care decisions, as well as serve as an aid to providers in highlighting opportunities for quality improvement.

The *Common Procedures Report* displays hospital-specific outcomes, as well as inpatient and outpatient volume, for three orthopedic procedure groups including spinal fusion, total hip replacement, and total knee replacement. It covers inpatient acute care hospital discharges as well as hospital outpatient department and ambulatory surgery center encounters from October 1, 2022 through September 30, 2023.

Volume of Cases

Inpatient and Outpatient Cases by Procedure



The following changes occurred from Quarter 4, 2021 to Quarter 3, 2023.

- The number of inpatient spinal fusion cases increased 2.5%, while the number of outpatient cases decreased 6.4%.
- The number of inpatient total hip replacement cases decreased 37.3%, while the number of outpatient cases increased 47.9%.
- The number of inpatient total knee replacement cases decreased 39.4%, while the number of outpatient cases increased 40.4%.

Summary and Highlights

Postoperative Length of Stay

Average Inpatient Postoperative Length of Stay by Procedure

Procedure	Average Postoperative Length of Stay (Days)
Spinal Fusion	3.6
Total Hip Replacement	2.0
Total Knee Replacement	2.0

- For spinal fusion, the average inpatient postoperative length of stay was 3.6 days. 2.6% of patients experienced an extended postoperative length of stay, where the average was 14.5 days.
- For total hip replacement, the average inpatient postoperative length of stay was 2.0 days. 3.8% of patients experienced an extended postoperative length of stay, where the average was 8.2 days.
- For total knee replacement, the average inpatient postoperative length of stay was 2.0 days. 3.0% of patients experienced an extended postoperative length of stay, where the average was 7.3 days.

Complications for Inpatient Hospital Stays

- For spinal fusion, 2.3% of patients had an in-hospital complication, and 2.5% were readmitted to an acute care hospital for a complication within 7, 30, or 90 days of discharge depending on the complication.
- For total hip replacement, 4.0% of patients 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.
- For total knee replacement, 2.1% of patients 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.