

Embargoed for Release:
March 7, 2023, at 12:01 a.m. PST

American Joint Replacement Registry 2022 Supplement Report Preview

LAS VEGAS (March 7, 2023)—The American Academy of Orthopaedic Surgeons (AAOS) Registry Program is pleased to announce the availability of the American Joint Replacement Registry (AJRR) 2022 Annual Report Supplement. This report, which was released during the AAOS 2023 Annual Meeting in Las Vegas, offers actionable information to guide physician and patient decision making to improve care.

AJRR 2022 Annual Report Supplement

AJRR is the largest orthopaedic registry in the world based on annual procedures submitted. Data presented in the AJRR 2022 Annual Report Supplement were submitted to the AJRR by 401 institutions through March 2022. All primary total hip arthroplasty and total knee arthroplasty cases from January 2017 to December 2021 with either no patient-reported outcome measures (PROM) data or linked pre-op and 12-month post-op PROM data were included in the generalizability analysis. The report found that distributions of patient demographics, comorbidities and hospital size are very similar between those cases with PROMs compared to those without. Cases submitted by institutions with a major teaching status were consistently overrepresented in cases with no PROMs though the difference remained “small” compared to PROM cases.

Why It Matters

“We continue to see the size and value of the registry increase every year,” said James A. Browne, MD, FAAOS, chair of the AJRR Publications Subcommittee and editor of AJRR Publications. “AJRR data has become the trusted and authoritative source for practice trends and real-world outcomes of hip and knee arthroplasty in the United States. Although we do not yet have 100% capture of all procedures being performed each year, continued analysis of the data suggests that population and results in the registry are generalizable to the population as a whole.”

According to James I. Huddleston, III, MD, FAAOS, vice chair, AJRR Steering Committee: “PROMS are important tools that allow surgeons to objectively demonstrate their value. Collecting, analyzing and utilizing PROMs in routine clinical practice requires additional resources not currently available to many surgeons. While technological solutions, along with the CMS mandate, will eventually help us get to widespread collection and usage of PROMs, we are clearly not there yet. The current analysis offered in this supplement reassures us that the current PROM data in AJRR, the largest repository in the world, is generalizable to the average patient.”

To read and download the AJRR 2022 Annual Report Supplement, visit the [AAOS’ website](#).

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