

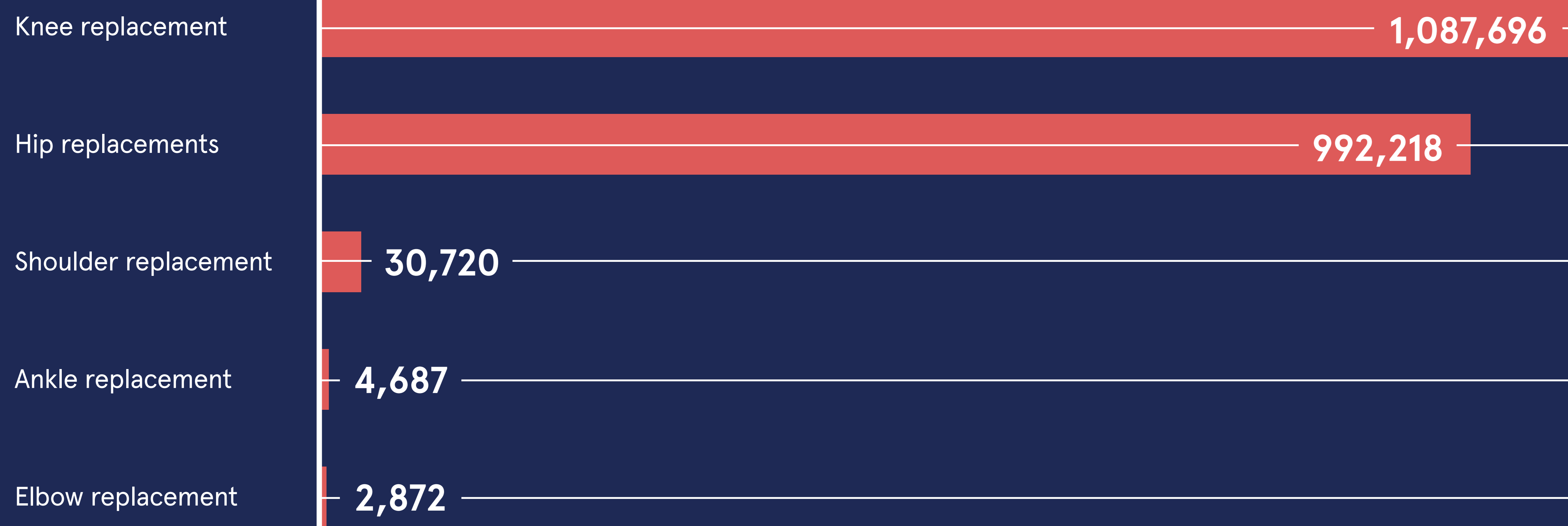
JOINT REPLACEMENT

Knee and hip replacement surgeries are on the rise in the UK, and it's not solely down to a growing or ageing population. Many factors are at play, such as better rates of surgery success but also higher rates of obesity

JOINT REPLACEMENT SURGERIES BREAKDOWN

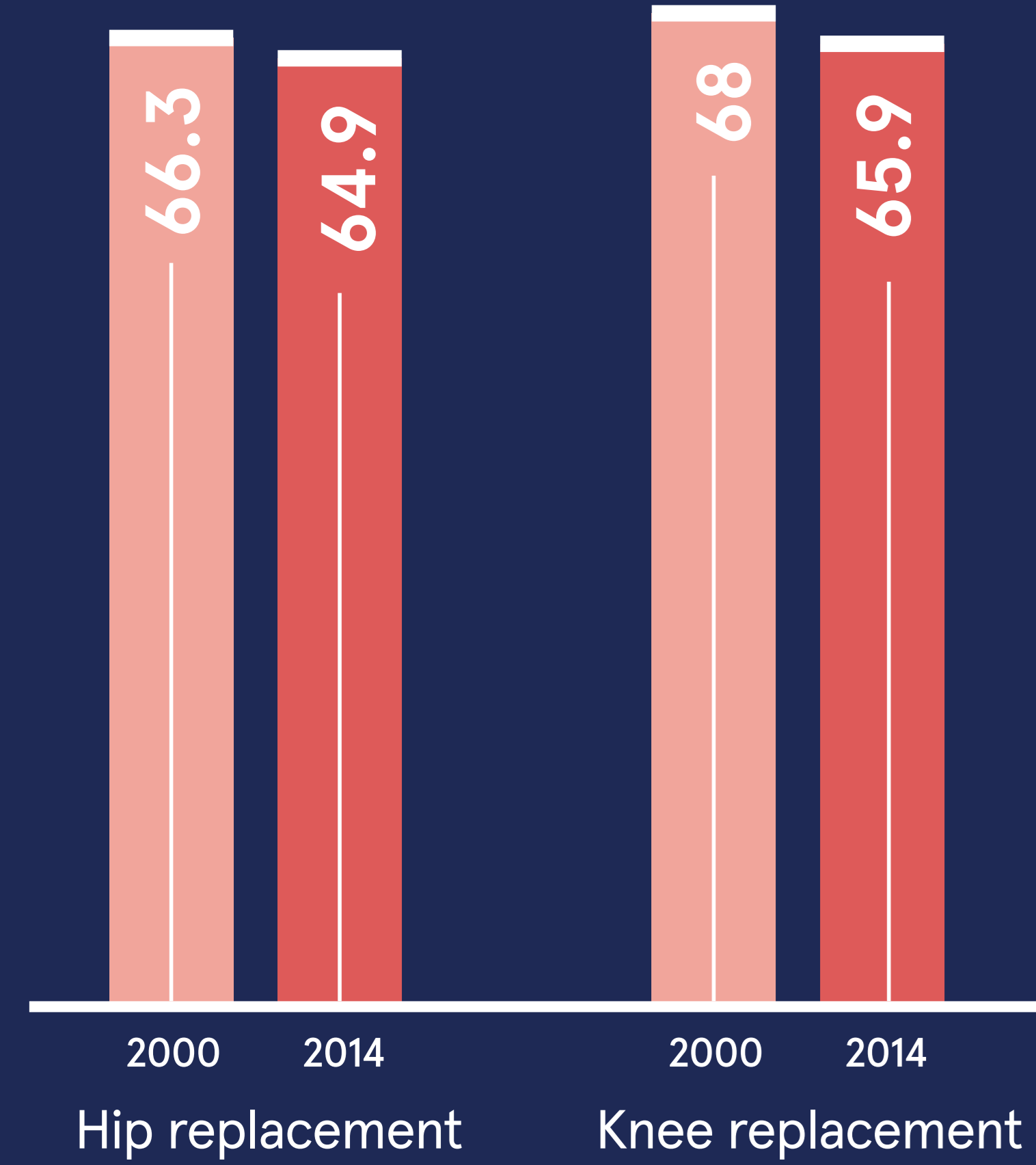
Number of total primary operations in 2017 submitted to the National Joint Registry; latest available data

National Joint Registry 2018



AGE OF JOINT REPLACEMENT PATIENTS HAS FALLEN

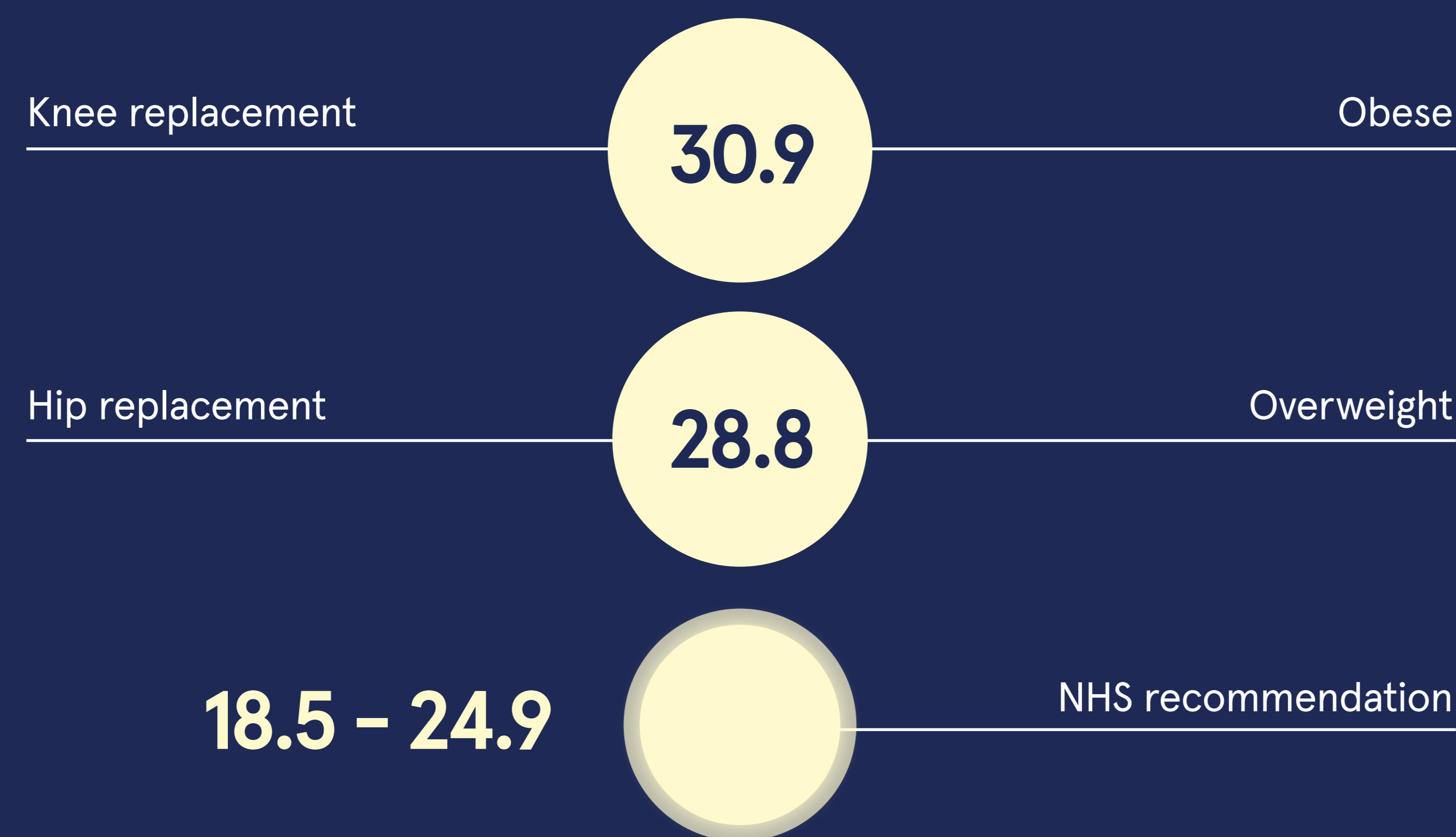
Study of one million patients in the United States



American Academy of Orthopaedic Surgeons 2018

KNEE AND HIP REPLACEMENT PATIENTS TEND TO BE OVERWEIGHT

Average body mass index of UK joint replacement patients

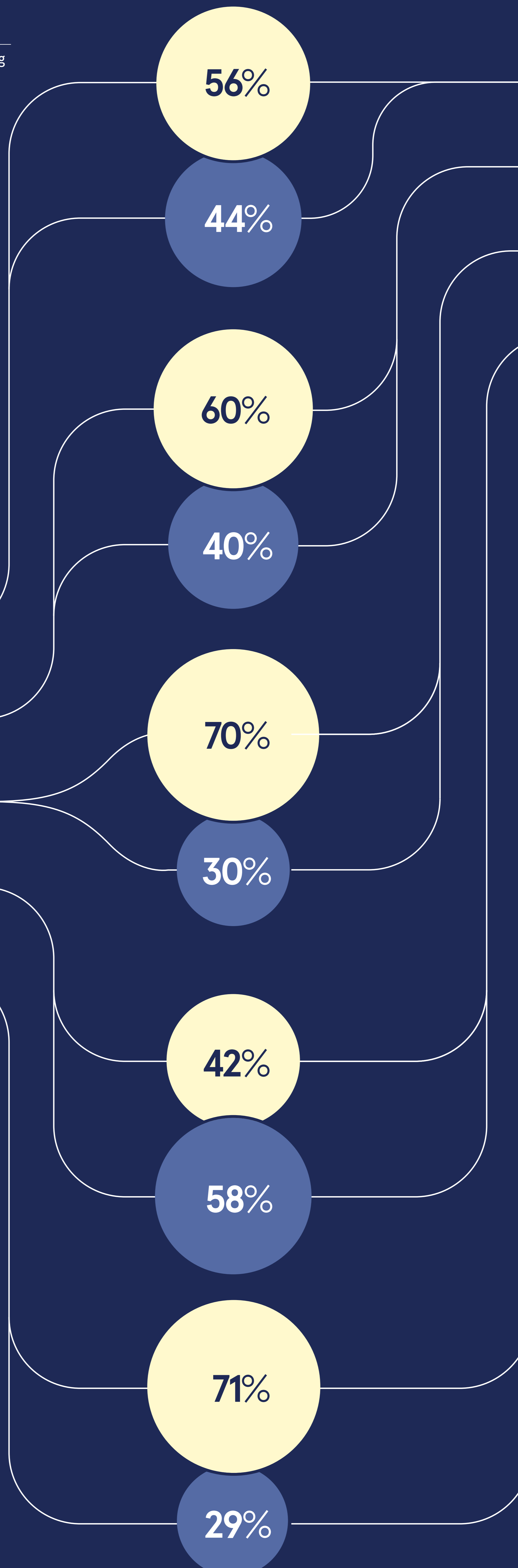


National Joint Registry 2018

MAJORITY OF JOINT REPLACEMENT PATIENTS ARE WOMEN

Demographics of patients undergoing surgery in 2017

- Women
- Men

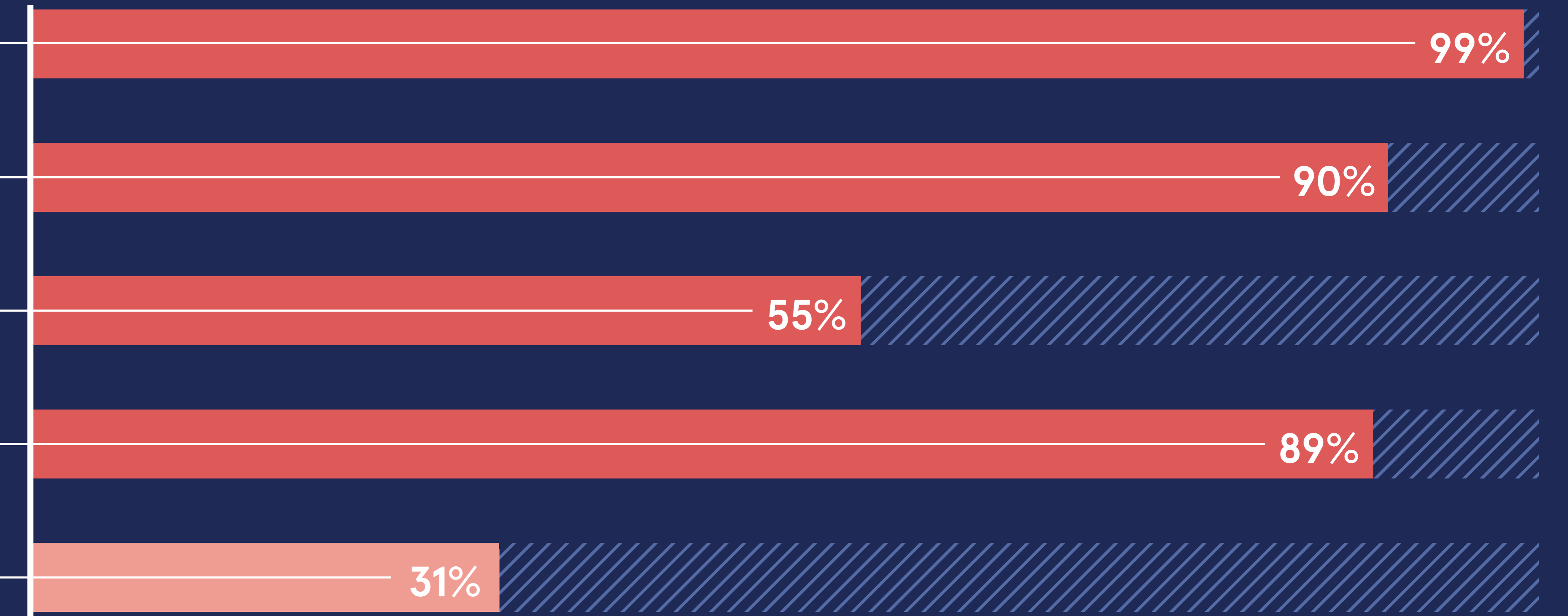


National Joint Registry 2018

OSTEOARTHRITIS IS THE MOST COMMON REASON FOR JOINT REPLACEMENT PATIENTS

Most common diagnosis of patients who undergo the following surgeries

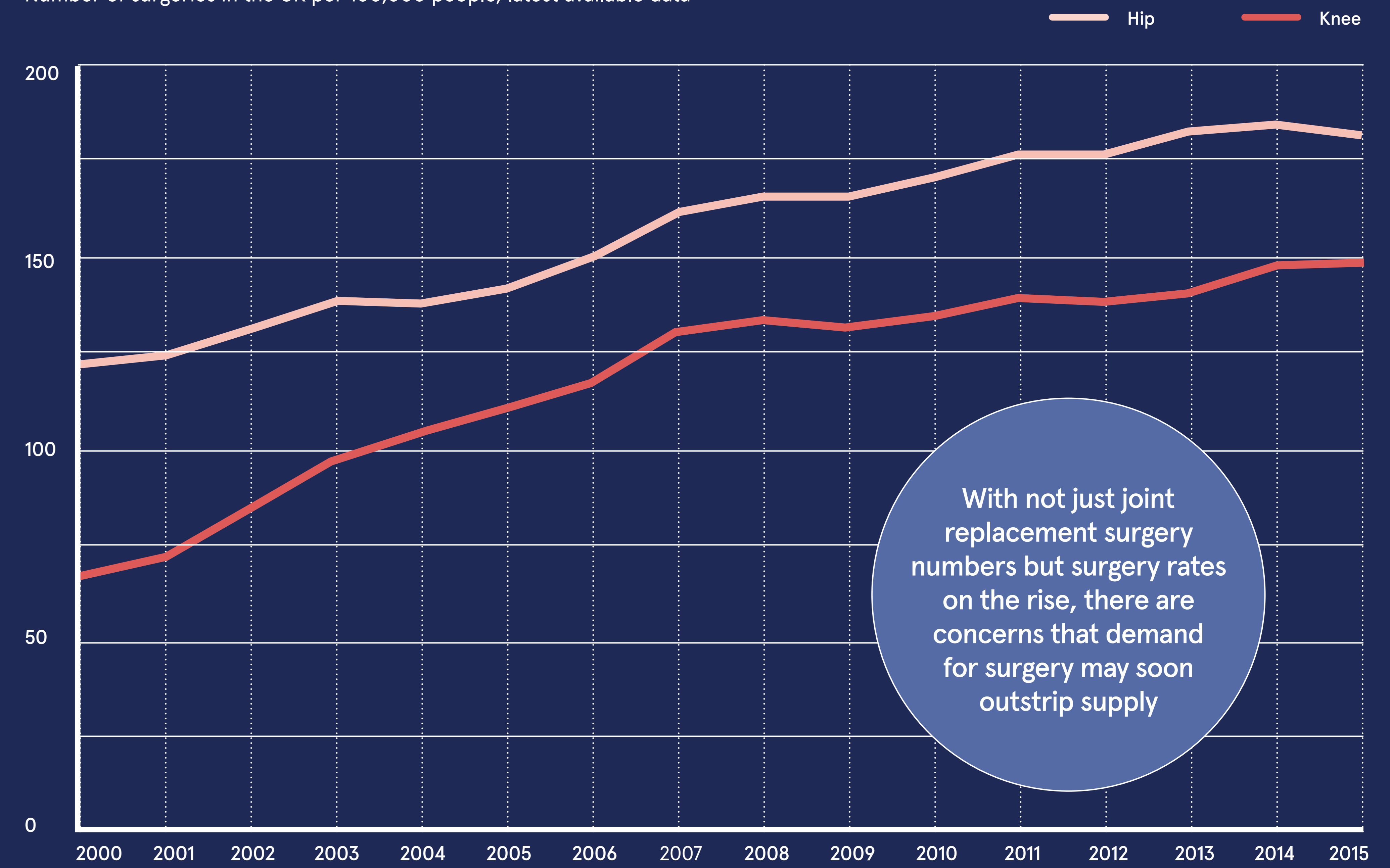
- Osteoarthritis
- Inflammatory arthropathy



National Joint Registry 2018

JOINT REPLACEMENT SURGERY INCIDENCE IS ON THE RISE

Number of surgeries in the UK per 100,000 people; latest available data



OECD 2017

With not just joint replacement surgery numbers but surgery rates on the rise, there are concerns that demand for surgery may soon outstrip supply

JOINT REPLACEMENTS LAST LONGER THAN PREVIOUSLY THOUGHT

A study of more than 25 years' worth of operations involving 500,000 people by the University of Bristol found:

University of Bristol/The Lancet

