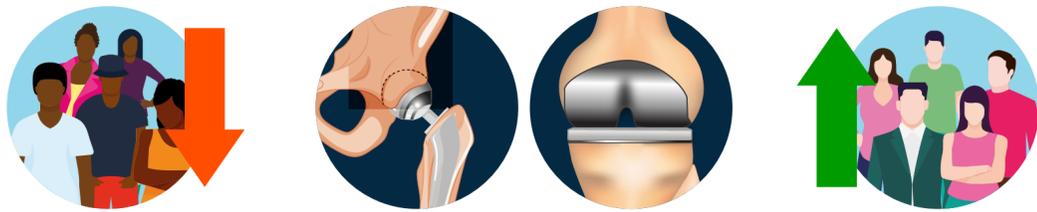


Regional Differences in Joint Replacement Surgery Among Racial Groups in the USA

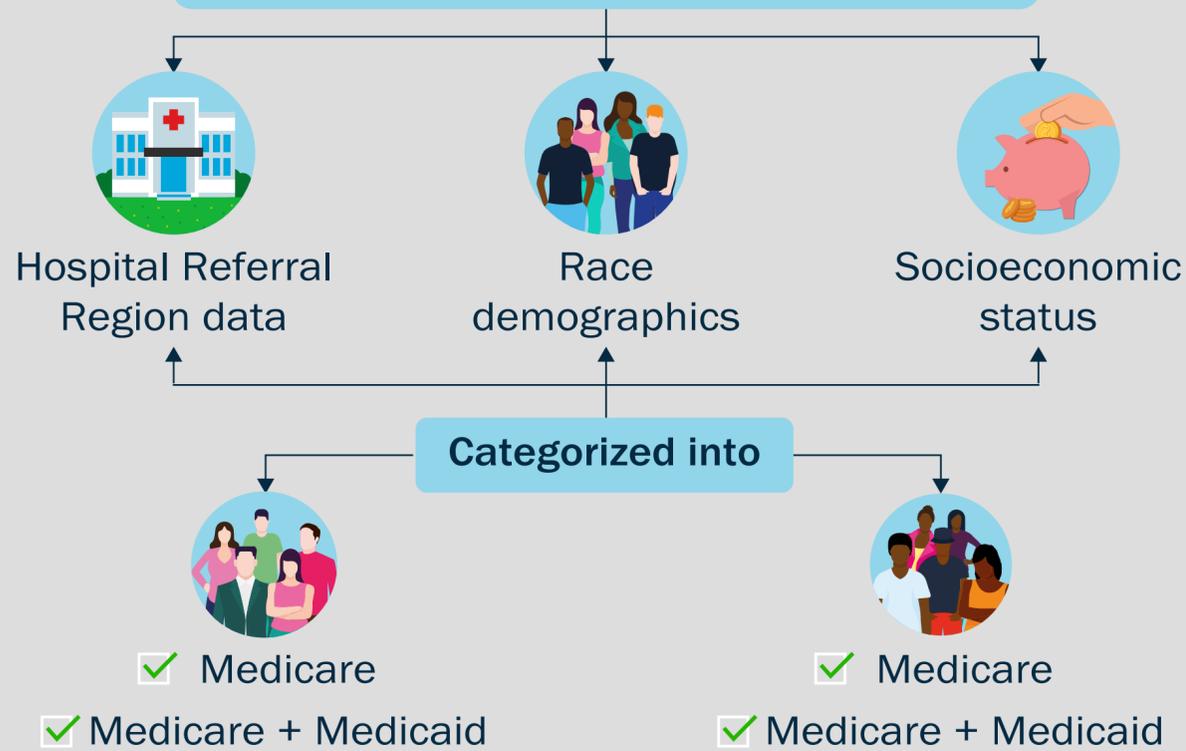
Black individuals in the United States are less likely than White individuals to undergo total hip or knee replacement surgeries to treat osteoarthritis



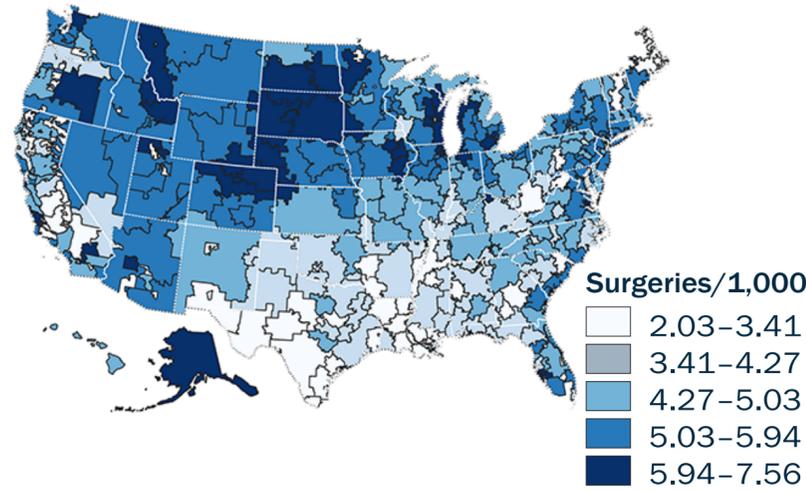
Does this pattern hold across regions and socioeconomic divisions?

- 0.00–3.41
- 3.41–4.27
- 4.27–5.03
- 5.03–5.94
- 5.94–7.41

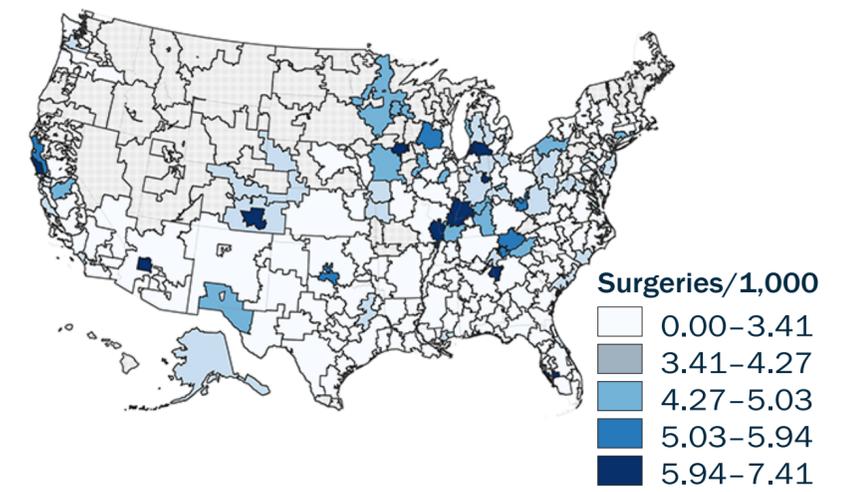
Medicare records from 2009 to 2017



Hip replacements among White people in 2017



Hip replacements among Black people in 2017



Gap between White Medicare-only and dual-eligible people increased by 40%



Gap between Black Medicare-only and dual-eligible people increased by 300%



Total knee replacement disparities remained unchanged

A significant geographic variation alongside persistent racial and socioeconomic disparities exists in the USA regarding joint replacement surgeries

Geographic Variation and Disparities in Total Joint Replacement Use for Medicare Beneficiaries: 2009 to 2017

Thirukumaran et al. (2020) | DOI: 10.2106/JBJS.20.00246

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