

## Supplementary Online Content

Best MJ, McFarland EG, Thakkar SC, Srikumaran U. Racial disparities in the use of surgical procedures in the US. *JAMA Surg*. Published online January 13, 2021. doi:10.1001/jamasurg.2020.6257

**eTable 1.** Gender-Adjusted and Population-Adjusted National Incidence of Surgical Procedures by Race in the United States from 2012 to 2017

**eTable 2.** Demographic Data and Characteristics of the Study Population

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1: Gender-adjusted and population-adjusted national incidence of surgical procedures by race in the United States from 2012 to 2017.**

		2012				2017			
		White	Black	Hispanic	Asian	White	Black	Hispanic	Asian
Angioplasty	Total	165.8	115.1	67.0	69.8	147.9	109.2	65.9	69.6
	Male	227.1	134.5	89.2	102.6	202.8	130.3	88.7	106.1
	Female	105.9	97.4	44.1	40.2	94.3	89.9	42.6	36.7
Spinal fusion	Total	149.0	92.3	47.0	35.7	147.0	101.8	51.4	34.6
	Male	139.6	87.8	45.6	32.6	141.4	97.3	50.3	33.2
	Female	158.1	96.5	48.5	38.5	152.5	105.9	52.5	35.8
CABG	Total	65.5	33.5	22.8	28.9	64.2	33.1	26.0	33.6
	Male	97.8	40.8	32.3	45.6	98.6	42.3	37.4	55.2
	Female	33.9	26.9	13.1	13.9	30.6	24.7	14.4	14.1
Carotid endarterectomy	Total	32.3	9.9	6.6	5.3	34.5	16.5	9.0	8.6
	Male	38.0	10.0	7.8	7.5	40.5	16.8	10.5	10.8
	Female	26.8	9.8	5.2	3.4	28.6	16.2	7.4	6.5
THA	Total	108.4	56.6	17.9	16.8	146.3	78.2	26.4	20.3
	Male	98.4	52.9	16.5	12.5	131.7	74.6	25.0	15.1
	Female	118.2	60.0	19.4	20.6	160.6	81.6	27.8	25.0
TKA	Total	231.9	135.1	65.3	47.7	272.1	159.7	83.9	67.0
	Male	184.8	79.8	47.7	30.1	220.5	95.6	60.7	45.6
	Female	277.9	185.7	83.4	63.5	322.7	218.5	107.7	86.3
Valve replacement	Total	39.4	19.5	13.5	14.9	58.1	27.4	19.4	19.7
	Male	48.3	20.3	15.0	17.7	70.0	29.6	21.6	23.7
	Female	30.7	18.8	11.9	12.4	46.4	25.3	17.2	16.1
Appendectomy	Total	76.1	56.7	111.9	58.6	47.5	40.5	76.3	38.3
	Male	76.7	57.8	123.5	58.5	46.7	40.1	82.9	35.7
	Female	75.5	55.8	100.0	58.8	48.3	40.8	69.5	40.7
Colorectal resection	Total	97.3	71.1	39.4	36.5	62.7	47.4	27.7	23.3
	Male	90.6	68.7	40.1	38.0	59.0	46.0	28.9	25.5
	Female	103.8	73.4	38.6	35.1	66.4	48.7	26.5	21.3

CABG=coronary-artery bypass grafting, THA=total hip arthroplasty, TKA=total knee arthroplasty

**eTable 2: Demographic data and characteristics of the study population (patients undergoing major surgical procedures\* in the United States in 2012 and 2017).**

	2012	2017
	(N=2,431,914)	(N=3,057,398)
	<i>percent</i>	
Age (yrs)		
<50	21.2	13.9
50-64	33.5	34.1
65-74	26.6	31.1
≥75	18.7	20.9
Female	52.6	49.6
Black race	8.1	8.3
Hispanic race	7.4	7.4
Asian race	1.6	1.8
US Census Division‡		
NE	4.8	4.6
MA	13.3	13.3
ENC	16.6	16.4
WNC	7.7	7.6
SA	19.5	20.0
ESC	6.9	6.9
WSC	10.9	11.0
M	7.0	7.2
P	13.3	12.9

\*Major surgical procedures included=percutaneous transluminal coronary angioplasty, spinal fusion, coronary-artery bypass grafting, carotid endarterectomy, total hip arthroplasty, total knee arthroplasty, heart valve replacement, appendectomy, and colorectal resection

‡NE=New England, MA=Mid Atlantic, ENC=East North Central, WNC=West North Central, SA=South Atlantic, ESC=East South Central, WSC=West South Central, MO=Mountain, P=Pacific