

Supplementary Table 1. Demographic and medical characteristics of patients undergoing THA according to hospital safety net burden category.

Characteristic	Overall, n (%)	Low Burden, n (%)	Medium Burden, n (%)	High Burden, n (%)	P-value
Total	500,189 (100.0)	200,856 (40.2)	209,942 (42.0)	89,391 (17.9)	
Patient demographics					
Age in years					<.0001
Mean (standard deviation)	65.82 (12.31)	66.28 (11.99)	66.07 (12.23)	64.22 (13.04)	
Female	283,399 (56.7)	114,294 (56.9)	118,722 (56.5)	50,383 (56.4)	
Race					<.0001
White	411,016 (82.2)	170,326 (84.8)	176,595 (84.1)	64,095 (71.7)	
Black	35,477 (7.1)	10,554 (5.3)	14,356 (6.8)	10,567 (11.8)	
Hispanic	24,259 (4.8)	7,059 (3.5)	9,550 (4.5)	7,650 (8.6)	
Other	18,575 (3.7)	9,051 (4.5)	4,782 (2.3)	4,742 (5.3)	
Missing	10,862 (2.2)	3,866 (1.9)	4,659 (2.2)	2,337 (2.6)	
Payer					<.0001
Medicare	277,038 (55.4)	110,145 (54.8)	119,749 (57.0)	47,144 (52.7)	
Medicaid	19,131 (3.8)	3,038 (1.5)	7,411 (3.5)	8,682 (9.7)	
Private insurance	186,643 (37.3)	83,300 (41.5)	74,411 (35.4)	28,932 (32.4)	
Other	13,068 (2.6)	3,313 (1.6)	6,445 (3.1)	3,310 (3.7)	
Self-pay / No charge	4,309 (0.9)	1,060 (0.5)	1,926 (0.9)	1,323 (1.5)	
Year					<.0001
2007	60,587 (12.1)	25,383 (12.6)	24,275 (11.6)	10,929 (12.2)	
2008	62,383 (12.5)	25,992 (12.9)	24,805 (11.8)	11,586 (13.0)	
2009	67,487 (13.5)	28,313 (14.1)	26,799 (12.8)	12,375 (13.8)	
2010	71,230 (14.2)	29,818 (14.8)	28,285 (13.5)	13,127 (14.7)	
2011	73,305 (14.7)	30,898 (15.4)	29,009 (13.8)	13,398 (15.0)	
2012	50,804 (10.2)	18,403 (9.2)	23,872 (11.4)	8,529 (9.5)	
2013	54,920 (11.0)	20,019 (10.0)	25,519 (12.2)	9,382 (10.5)	
2014	59,473 (11.9)	22,030 (11.0)	27,378 (13.0)	10,065 (11.3)	
State					<.0001

Characteristic	Overall, n (%)	Low Burden, n (%)	Medium Burden, n (%)	High Burden, n (%)	P-value
California	119,899 (24.0)	63,054 (31.4)	30,937 (14.7)	25,908 (29.0)	
Florida	153,459 (30.7)	43,104 (21.5)	80,293 (38.2)	30,062 (33.6)	
Kentucky	33,535 (6.7)	11,286 (5.6)	14,396 (6.9)	7,853 (8.8)	
Maryland	41,876 (8.4)	11,625 (5.8)	22,976 (10.9)	7,275 (8.1)	
New York	151,420 (30.3)	71,787 (35.7)	61,340 (29.2)	18,293 (20.5)	
Median household income state quartile for patient zip code - by quartile					<.0001
First quartile	89,668 (17.9)	22,082 (11.0)	43,168 (20.6)	24,418 (27.3)	
Second quartile	117,829 (23.6)	38,409 (19.1)	56,829 (27.1)	22,591 (25.3)	
Third quartile	132,442 (26.5)	51,457 (25.6)	59,993 (28.6)	20,992 (23.5)	
Fourth quartile	149,672 (29.9)	85,457 (42.5)	45,658 (21.7)	18,557 (20.8)	
Missing	10,578 (2.1)	3,451 (1.7)	4,294 (2.0)	2,833 (3.2)	
Elective Operation Status					<.0001
Emergency	17,842 (3.6)	5,114 (2.5)	7,909 (3.8)	4,819 (5.4)	
Urgent	12,828 (2.6)	3,365 (1.7)	6,785 (3.2)	2,678 (3.0)	
Elective	349,008 (69.8)	129,294 (64.4)	163,977 (78.1)	55,737 (62.4)	
Trauma Center	286 (0.1)	14 (0.0)	94 (0.0)	178 (0.2)	
Other	<94 (<0.0)	<11 (<0.0)	60 (0.0)	23 (0.0)	
Missing	120,140 (24.0)	63,067 (31.4)	31,117 (14.8)	25,956 (29.0)	
<i>Elixhauser Comorbidities</i>					
Congestive heart failure	11,187 (2.2)	3,810 (1.9)	5,226 (2.5)	2,151 (2.4)	<.0001
Valvular disease	20,746 (4.1)	9,233 (4.6)	8,644 (4.1)	2,869 (3.2)	<.0001
Pulmonary circulation disorders	3,920 (0.8)	1,546 (0.8)	1,677 (0.8)	697 (0.8)	0.5658
Peripheral vascular disorders	12,373 (2.5)	4,918 (2.4)	5,455 (2.6)	2,000 (2.2)	<.0001
Hypertension, uncomplicated	269,744 (53.9)	104,482 (52.0)	117,578 (56.0)	47,684 (53.3)	<.0001

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Hypertension, complicated	22,886 (4.6)	8,869 (4.4)	9,805 (4.7)	4,212 (4.7)	<.0001
Paralysis	875 (0.2)	312 (0.2)	352 (0.2)	211 (0.2)	<.0001
Other neurological disorders	11,497 (2.3)	4,215 (2.1)	4,947 (2.4)	2,335 (2.6)	<.0001
Chronic pulmonary disease	70,027 (14.0)	25,432 (12.7)	31,404 (15.0)	13,191 (14.8)	<.0001
Diabetes, uncomplicated	63,364 (12.7)	21,483 (10.7)	29,515 (14.1)	12,366 (13.8)	<.0001
Diabetes, complicated	6,017 (1.2)	2,831 (1.4)	2,246 (1.1)	940 (1.1)	<.0001
Hypothyroidism	66,801 (13.4)	27,438 (13.7)	28,581 (13.6)	10,782 (12.1)	<.0001
Renal failure	22,088 (4.4)	8,830 (4.4)	9,254 (4.4)	4,004 (4.5)	0.5870
Liver disease	5,766 (1.2)	2,307 (1.1)	2,154 (1.0)	1,305 (1.5)	<.0001
Peptic ulcer disease excluding bleeding	91 (0.0)	33 (0.0)	35 (0.0)	23 (0.0)	0.1825
AIDS/HIV	1,109 (0.2)	344 (0.2)	394 (0.2)	371 (0.4)	<.0001
Lymphoma	2,049 (0.4)	850 (0.4)	817 (0.4)	382 (0.4)	0.1534
Metastatic cancer	1,888 (0.4)	807 (0.4)	692 (0.3)	389 (0.4)	<.0001
Solid tumor without metastasis	3,824 (0.8)	1,639 (0.8)	1,463 (0.7)	722 (0.8)	<.0001
Rheumatoid arthritis/collagen vascular diseases	21,088 (4.2)	8,111 (4.0)	9,128 (4.3)	3,849 (4.3)	<.0001
Coagulopathy	7,247 (1.4)	2,594 (1.3)	3,173 (1.5)	1,480 (1.7)	<.0001
Obesity	75,586 (15.1)	30,638 (15.3)	32,800 (15.6)	12,148 (13.6)	<.0001
Weight loss	2,000 (0.4)	674 (0.3)	826 (0.4)	500 (0.6)	<.0001
Fluid and electrolyte disorders	16,922 (3.4)	5,760 (2.9)	7,533 (3.6)	3,629 (4.1)	<.0001
Blood loss anemia	2,469 (0.5)	916 (0.5)	1,085 (0.5)	468 (0.5)	0.0078
Deficiency anemia	37,552 (7.5)	13,841 (6.9)	15,865 (7.6)	7,846 (8.8)	<.0001
Alcohol abuse	8,372 (1.7)	2,738 (1.4)	3,658 (1.7)	1,976 (2.2)	<.0001
Drug abuse	4,391 (0.9)	1,159 (0.6)	1,702 (0.8)	1,530 (1.7)	<.0001

Characteristic	Overall, n (%)	Low Burden, n (%)	Medium Burden, n (%)	High Burden, n (%)	P-value
Psychoses	8,068 (1.6)	3,212 (1.6)	3,082 (1.5)	1,774 (2.0)	<.0001
Depression	50,793 (10.2)	18,853 (9.4)	23,466 (11.2)	8,474 (9.5)	<.0001

P-values refer to comparisons between hospital burden categories.

Continuous variables analyzed using analysis of variance; categorical variables analyzed using the chi-square test.

Mean (standard deviation). Percents may not sum to 100 due to rounding and missing values.