

Supplemental Material

Table S1. Data Linkages.

Database	Linkage	Variables (Comments)
Turquoise Health		<ul style="list-style-type: none"> - Medicare Facility ID Number - Facility Name - Facility Zip Code - Facility State - Chargemaster Prices (hospital-reported) - Commercial Prices (hospital-reported) - Self-Pay Prices (hospital-reported)
Medicare Provider of Service (POS) File, Q4 2021	Medicare Facility ID Number	<ul style="list-style-type: none"> - Hospital Ownership (Govt, Nonprofit, Profit) - Hospital Total Beds
Agency for Healthcare Research and Quality Compendium of U.S. Health Systems, 2018	Medicare Facility ID Number	<ul style="list-style-type: none"> - Health System Hospital Count - Health System Total Beds
American Hospital Association Survey, 2018	Medicare Facility ID Number	<ul style="list-style-type: none"> - Inpatient Total Revenue - Annual Inpatient Discharges - Critical Access Hospital (as defined by CMS) - Rural Referral Center (as defined by CMS) - Sole Community Provider (as defined by CMS) - Major Teaching Status (major = Member of Council of Teaching Hospitals of the Association of American Medical Colleges) - Hospital Urban/Rural Location - Disproportionate Share Hospital (as defined by CMS) - US Census Based Region (New England = CT, MA, ME, NH, RI, VT; Middle Atlantic = NJ, NY, PA; South Atlantic = DC, DE, MD, VA, WV, NC, SC; East North Central = OH, IN, IL, MI, WI; East South Central = KY, TN, AL, MS; West North Central = MN, IA, MO, ND, SD, NE, KS; West South Central = AR, LA, OK, TX; Mountain = MT, ID, WY, CO, NM, AZ, UT, NV; Pacific = WA, OR, CA, AK, HI)
Health Care Cost Institute Healthy Marketplace Index, 2022	Core-Based Statistical Area (defined by Office of Management and Budget)	<ul style="list-style-type: none"> - Healthcare Price Index - Healthcare Spending Index - Healthcare Usage Index - Socioeconomic Vulnerability Index - Herfindhal-Hirschmann Index Market Concentration
Medicare Hospital Compare 2021 (Hospital General Information)	Medicare Facility ID Number	<ul style="list-style-type: none"> - CMS Overall Hospital Rating (Hospital Overall Rating) - Hospital Mortality National Comparison (MORT group measure count) - Hospital Readmission National Comparison (READM group measure count)
Medicare Hospital Compare 2021 (Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS))	Medicare Facility ID Number	<ul style="list-style-type: none"> - Patient Summary Star Rating (H-STAR-RATING)
Medicare Hospital Compare 2021 (Unplanned Hospital Visits Hospital)	Medicare Facility ID Number	<ul style="list-style-type: none"> - Rate of Readmission for CABG Patients (READM-30-CABG)
Medicare Hospital Compare 2021 (Complications and Deaths Hospital)	Medicare Facility ID Number	<ul style="list-style-type: none"> - Death Rate for CABG Patients (MORT-30-CABG)
Dartmouth Atlas, 2021	Zip Code	<ul style="list-style-type: none"> - Hospital Referral Region - HRR Hospital Beds per 1K
Medicare Geographical Practice Cost Index Fee Schedule, 2021	Metropolitan Statistical Area	<ul style="list-style-type: none"> - Geographical Practice Cost Index (Calculated)

Table S2. Comparison of hospital reporting and not reporting commercial prices.

Hospital Characteristic	Characteristic Category	Not		P-value	Standardized Difference%
		Reporting	Reporting		
Hospital Type	Government	55 (9.4)	61 (13.5)	0.032	-0.13
	Not-for-profit	416 (71.1)	324 (71.5)		-0.01
	For-profit	109 (18.6)	64 (14.1)		+0.12
	Unspecified	5 (0.9)	4 (0.9)		0.00
Teaching Status	Major teaching	123 (21.0)	82 (18.1)	0.012	+0.07
	Minor teaching	353 (60.3)	252 (55.6)		+0.10
	Non-teaching	109 (18.6)	119 (26.3)		-0.18
	Unspecified	0 (0)	0 (0)		0.00
Hospital Beds	<250	176 (30.1)	181 (40.0)	<0.001	-0.21
	250-500	235 (40.2)	190 (41.9)		-0.04
	>500	174 (29.7)	82 (18.1)		+0.28
	Unspecified	0 (0)	0 (0)		0.00
Urban/Rural	Urban	23 (3.9)	33 (7.3)	<0.001	-0.15
	Rural	562 (96.1)	229 (50.6)		+1.20
	Unspecified	0 (0)	191 (42.2)		-1.21
Region	New England (CT, MA, ME, NH, RI, VT)	17 (2.9)	14 (3.1)	<0.001	-0.01
	Middle Atlantic (NJ, NY, PA)	71 (12.1)	43 (9.5)		+0.09
	South Atlantic (DC, DE, MD, VA, WV, NC, SC)	106 (18.1)	48 (10.6)		+0.22
	East North Central (OH, IN, IL, MI, WI)	136 (23.2)	56 (12.4)		+0.29
	East South Central (KY, TN, AL, MS)	26 (4.4)	35 (7.7)		-0.14
	West North Central (MN, IA, MO, ND, SD, N	60 (10.3)	31 (6.8)		+0.12
	West South Central (AR, LA, OK, TX)	125 (21.4)	60 (13.2)		+0.22
	Mountain (MT, ID, WY, CO, NM, AZ, UT, NV)	21 (3.6)	51 (11.3)		-0.30
	Pacific (WA, OR, CA, AK, HI)	23 (3.9)	115 (25.4)		-0.64
Health System Number of Beds	<2000	249 (42.6)	217 (40.7)	0.009	+0.04
	2000-10000	181 (30.9)	133 (25.0)		+0.13
	>10000	155 (26.5)	183 (34.3)		-0.17
	Unspecified	0 (0)	0 (0)		0.00
Major Investor Owned	Yes	100 (17.1)	54 (11.9)	0.075	+0.15
	No	473 (80.9)	355 (78.4)		+0.06
	Unspecified	12 (2.1)	44 (9.7)		-0.33
DSH	Yes	489 (83.6)	368 (81.2)	0.025	+0.06
	No	61 (10.4)	32 (7.1)		+0.12
	Sole Community Hospital	27 (4.6)	35 (7.7)		-0.13
	Unspecified	8 (1.4)	18 (4.0)		-0.16
Sole Community Provider	Yes	11 (1.9)	20 (4.4)	0.026	-0.15
	No	574 (98.1)	433 (95.6)		+0.15
	Unspecified	0 (0)	0 (0)		0.00
Rural Referral Center	Yes	91 (15.6)	86 (19.0)	0.157	-0.09
	No	494 (84.4)	367 (81.0)		+0.09
	Unspecified	0 (0)	0 (0)		0.00
Inpatient Revenue	<\$500M	124 (21.2)	142 (31.8)	0.001	-0.24
	\$500M-\$2B	328 (56.1)	225 (50.3)		+0.12
	>\$2B	133 (22.7)	80 (17.9)		+0.12

Figure S1. Cohort selection.

Cohort Selection

