US Hospital Characteristics Associated with Price Transparency Regulation Compliance

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Dataset Citation:

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Description of the data

The data include hospital-level compliance with the CMS Hospital Price Transparency Rule as of December 2021.[2] For each hospital, the *compliance* variable takes the value 1 if we were able to locate a standard charges file for that hospital (by December 2021) that contains any private payer-specific negotiated prices at the service code level.

Starting with the hospitals contained in the 2017 American Hospital Association (AHA) hospital directory, we merge in public data from the 2020 CMS Provider of Services,[3] Hospital and Non-Hospital Facilities file (POS), and 2017 Dartmouth Health Atlas hospital tracking file (Dartmouth).[4,5] We exclude hospitals that are exempt from the transparency rule, including federal and tribal hospitals, as well as integrated health systems that do not accept other insurance plans (i.e., Kaiser Permanente).

The final data contains N=4,484 hospitals. Ji and Kong 2022[1] further collapse these data to the health system by HRR level, which yields 2,892 hospital systems.

Variable Descriptions

Name	Description
ccn	Medicare Provider Number
compliance	Price Transparency Compliance as of Dec 2021
system_id	Coded hospital system ID (*missing values indicate hospital is not part of a system*)
fac_name	Facility Name (POS)
pcity	Provider city (2017 POS via Dartmouth)
pzip	Provider zip code (2017 POS via Dartmouth)
pstate	Provider state (2018 POS via Dartmouth)
fcounty	FIPS county (Dartmouth)
fcntyname	County name (Dartmouth)
hsa	Health service area code (Dartmouth)
hsaname	Health service area code (Dartmouth)
hrr	Hospital referral region code (Dartmouth)
hrrname	Hospital referral region name (Dartmouth)
type_nonprofit	Nonprofit hospital *(POS gnrl_cntl_type_cd = 01, 02, 03)*
type_forprofit	For-profit hospital *(POS gnrl_cntl_type_cd = 04, 09)*
type_government	Government hospital *(POS gnrl_cntl_type_cd = 05, 06, 07, 08, 10)*
part_of_system	Takes value =1 if hospital is part of a health system
Is_CAH	Takes value =1 if hospital is a critical access hospital (Dartmouth)
No_icu	Takes value =1 if hospital does not have an ICU (Dartmouth)
Is_teaching_hosp	Takes value =1 if hospital is a teaching hospital (Dartmouth)

Terms of use:

The data are provided *as-is*, with no warranties or guarantees regarding its completeness or accuracy. Use of this dataset is governed by the Creative Commons Attribution, Non-Commercial license ([CC BY-NC 3.0](#)), described [here](#).

Please report any errors to Edward Kong at (edwardkong@hms.harvard.edu)

References

1. Ji, Y. & Kong, E. (2022). US Hospital Characteristics Associated With Price Transparency Regulation Compliance. *JAMA Health Forum*, *3*(6), e221702. doi:10.1001/jamahealthforum.2022.1702
2. Centers for Medicare and Medicaid Services. (2021). *Hospital Price Transparency*. https://www.cms.gov/hospital-price-transparency
3. Centers for Medicare & Medicaid Services. (2020). *Provider of Services File - Hospital & Non-Hospital Facilities - Data*. https://data.cms.gov/provider-characteristics/hospitals-and-other-facilities/provider-of-services-file-hospital-non-hospital-facilities
4. Dartmouth Atlas. (2017). *Supplemental Data - Hospital Tracking Files*. https://data.dartmouthatlas.org/supplemental/#hospital

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