

# 1. Fields

* 1. **Year (year):** calendar years 2013 through 2017.

**1.2 CBSA Code (cbsa):** Core Based Statistical Area (CBSA) code; a CBSA is a U.S. geographic region determined by the Office of Management and Budget.

**1.3 CBSA Title (cbsa\_title):** name(s) of the main urban area(s) in each CBSA.

**1.4 State (state):** abbreviations for state names.

**1.5 Geographic Level (geo\_level):** the level of geographic specification (CBSA, values reported at the CBSA level, or state, values reported at the state level).

**1.6 Metric Type (metric\_type):** the level at which services prices are measured.

**1.6.1 Index:** refers to a service basket.

**1.6.2 Example Service (ex. service):** refers to an example service.

**1.7 Moment (moment):** the statistical distribution value reported.

**1.7.1 10th Percentile**

**1.7.2 Mean**

**1.7.3 Median**

**1.7.4 90th Percentile**

**1.8 Category of Services (service\_category):** high level category of services; we calculate price measures separately for a set of common services within four high level categories:

**1.8.1 Inpatient:** services rendered to patients who are kept in a health care facility overnight for treatment but not for observation.

**1.8.2 Outpatient:** services rendered to patients by sections of a hospital that provide medical services not requiring an overnight stay or hospitalization (e.g., emergency room, outpatient surgery, observation room).

**1.8.3 Professional:** services rendered to patients by a health care professional. Service claims with no valid revenue code are assumed to be professional services (e.g., office and preventative visits, administered drugs).

**1.8.4 All three categories of services combined (overall)**

**1.9 Service (service):** the specific service received by the patient.

**1.9.1 Basket**

**1.9.2 Blood Test**

**1.9.3 Caesarean Section Delivery (C-Section Delivery)**

**1.9.4 Established Patient Visit (Est Patient Visit)**

**1.9.5 Mammogram**

**1.9.6 New Patient Visit**

**1.9.7 Vaginal Delivery**

**1.10 Index Name (index\_name):** For each metric, the measure to which that metric refers. We calculate each metric for each of the following measures:

**1.10.1 Price:** for each category of services, the weighted price per service among our common set of services in a CBSA.

**1.10.2 Use:** for each category of services, the weighted number of services used per capita per service among our common set of services in a CBSA.

**1.10.3 Mix:** for each category of services, the difference between the spending index and the product of the price and use indices per service among our common set of services in a CBSA.

**1.10.4 Spending:** for each category of services, the weighted total spending per capita per service among our common set of services in a CBSA.

**1.10.5 Concentration:** refers to the Inpatient Hospital Market Concentration

# 2. Metrics

**2.1 Index Value (index\_value):** for each index, the reported indices as deviations from the national median.

**2.2 Index Change (index \_change):** for each index, the cumulative percent change from 2013; computed as the weighted index (as indicated by index name) per service in a CBSA in a year divided by the weighted index (as indicated by index name) per service in the same CBSA in 2013.

**2.3 Index Median (index\_median):** for each index, the weighted index (as indicated by index name) per service among our common set of services in a CBSA in a year.

**2.4 Index Category (index\_category):** the categorization of concentration, using the Herfindahl-Hirschman Index, for each member CBSA and year combination at the hospital level.

**2.4.1 Highly Concentrated**

**2.4.2 Moderately Concentrated**

**2.4.3 Unconcentrated**

**2.4.4 Very Highly Concentrated**

**2.5 Flag Imputed (flag\_imputed):** for each category of services, a flag in which 1 indicates imputed CBSA level observations using state level data (occurring when there is insufficient density of claims to report at the CBSA level).