# **data reference guide:**

# **cms data– dataset 1**

**Medicare**: location : <https://data.cms.gov/summary-statistics-on-use-and-payments/medicare-medicaid-spending-by-drug/medicare-part-d-spending-by-drug>

# Medicare Part D Drug Spending Dashboard & Data

The Medicare Part D by Drug dataset presents information on spending for drugs prescribed to Medicare beneficiaries enrolled in Part D by physicians and other healthcare providers. Drugs prescribed in the Medicare Part D program are drugs patients generally administer themselves.

The dataset focuses on average spending per dosage unit and change in average spending per dosage unit over time. It also includes spending information for manufacturer(s) of the drugs as well as consumer-friendly information of drug uses and clinical indications.

Drug spending metrics for Part D drugs are based on the gross drug cost, which represents total spending for the prescription claim, including Medicare, plan, and beneficiary payments. The Part D spending metrics do not reflect any manufacturers’ rebates or other price concessions as CMS is prohibited from publicly disclosing such information.

**Medicaid**: <https://data.cms.gov/summary-statistics-on-use-and-payments/medicare-medicaid-spending-by-drug/medicaid-spending-by-drug>

The Medicaid by Drug dataset presents information on spending for covered outpatient drugs prescribed to beneficiaries enrolled in Medicaid by physicians and other healthcare professionals.

The dataset focuses on average spending per dosage unit and change in average spending per dosage unit over time. Units refer to the drug unit in the lowest dispensable amount. It also includes spending information for manufacturer(s) of the drugs as well as consumer-friendly information of drug uses and clinical indications.

Drug spending metrics for Medicaid represent the total amount reimbursed by both Medicaid and non-Medicaid entities to pharmacies for the drug. Medicaid drug spending contains both the Federal and State reimbursement and is inclusive of any applicable dispensing fees. In addition, this total is not reduced or affected by Medicaid rebates paid to the states.

**Medicare Current Beneficiary Survey Data**: <https://data.cms.gov/medicare-current-beneficiary-survey-mcbs/medicare-current-beneficiary-survey-data>

The Medicare Current Beneficiary Survey (MCBS) dataset provides information on expenditures and sources of payment for all services used by Medicare beneficiaries, including co-payments, deductibles, and non-covered services; to ascertain all types of health insurance coverage and relate coverage to sources of payment; and to trace outcomes over time, such as changes in health status and spending down to Medicaid eligibility and the impacts of Medicare program changes on satisfaction with care and usual source of care.

# **Medicaid by state utilization – dataset 2**

STATE DRUG UTILIZATION DATA : <https://data.medicaid.gov/datasets?fulltext=State%20Drug%20Utilization&sort=modified>

Drug utilization data are reported by states for covered outpatient drugs that are paid for by state Medicaid agencies since the start of the Medicaid Drug Rebate Program. The data includes state, drug name, National Drug Code, number of prescriptions and dollars reimbursed. Data descriptions are available on Medicaid.gov: https://www.medicaid.gov/medicaid/prescription-drugs/state-drug-utilization-data/state-drug-utilization-data-faq/index.html

Medicaid.gov: <https://www.medicaid.gov/medicaid/prescription-drugs/state-drug-utilization-data/state-drug-utilization-data-faq/index.html>

2021 data: <https://data.medicaid.gov/dataset/eec7fbe6-c4c4-5915-b3d0-be5828ef4e9d>

2020 data: <https://data.medicaid.gov/dataset/cc318bfb-a9b2-55f3-a924-d47376b32ea3>

2019 data: <https://data.medicaid.gov/dataset/daba7980-e219-5996-9bec-90358fd156f1>

# **Medicaid by state utilization – dataset 3**

Data location: <https://www.kaggle.com/cms/cms-hpsa-low-income-zip-code-database>

### **Content**

Database of HPSA and Low-Income ZIP Codes for Issuers Subject to the Alternate ECP Standard for the purposes of QHP Certification

### **Context**

This is a dataset hosted by the Centers for Medicare & Medicaid Services (CMS). The organization has an open data platform found [here](https://data.cms.gov/) and they update their information according the amount of data that is brought in. Explore CMS's Data using Kaggle and all of the data sources available through the CMS [organization page](https://www.kaggle.com/cms)!

* Update Frequency: This dataset is updated daily.

### **Acknowledgements**

This dataset is maintained using Socrata's API and Kaggle's API. [Socrata](https://socrata.com/) has assisted countless organizations with hosting their open data and has been an integral part of the process of bringing more data to the public.

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# **health professional shortage area – dataset 4**

**HPSA = health professional shortage area**

# **all hpsas – csv** [https://data.hrsa.gov//DataDownload/DD\_Files/BCD\_HPSA\_FCT\_DET\_PC.csv](https://data.hrsa.gov/DataDownload/DD_Files/BCD_HPSA_FCT_DET_PC.csv)

# **ndc mapping– dataset 4**

<https://www.fda.gov/drugs/drug-approvals-and-databases/national-drug-code-directory>