1. ndc

Type: TEXT
Description: National Drug Code serving as the unique identifier for each drug product.
Source: CMS State Drug Utilization Data (Data.gov)

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2. labeler_code

Type: TEXT
Description: Manufacturer identifier corresponding to the labeler segment of the National Drug Code. Used to analyze manufacturer-level market presence and spending concentration.
Source: CMS State Drug Utilization Data

---

3. product_code

Type: TEXT
Description: Product-level identifier within a manufacturer's NDC structure. Distinguishes different formulations or strengths under the same labeler.
Source: CMS State Drug Utilization Data

---

4. package_size

Type: TEXT
Description: Package size segment of the NDC capturing packaging-level differences such as quantity or format.
Source: CMS State Drug Utilization Data

---

5. product_name

Type: TEXT
Description: Brand or reported product name associated with the NDC. Used for descriptive and grouping analysis.
Source: CMS State Drug Utilization Data

---

6. utilization_id

Type: INTEGER (Auto-increment, Primary Key)
Description: Unique identifier generated within the SQLite database to distinguish each state-level quarterly record.
Source: Generated during database implementation

---

7. utilization_type

Type: TEXT
Description: Type of Medicaid reimbursement (e.g., fee-for-service utilization).
Source: CMS State Drug Utilization Data

---

8. state

Type: TEXT
Description: Two-letter state abbreviation corresponding to the reporting Medicaid agency.
Source: CMS State Drug Utilization Data

---

9. year

Type: INTEGER
Description: Calendar year of the utilization record.
Source: CMS State Drug Utilization Data

---

10. quarter

Type: INTEGER
Description: Calendar quarter of the utilization record, ranging from 1 to 4.
Source: CMS State Drug Utilization Data

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11. suppression_used

Type: TEXT (Boolean Indicator)
Description: Indicates whether data suppression was applied due to low volume or confidentiality requirements.
Source: CMS State Drug Utilization Data

---

12. units_reimbursed

Type: REAL
Description: Total number of drug units reimbursed for a given drug in a specific state and quarter.
Units: Count of units
Source: CMS State Drug Utilization Data

---

13. number_of_prescriptions

Type: INTEGER
Description: Total number of prescriptions reimbursed for a given drug in a specific state and quarter. Used to compute price per prescription.
Units: Count of prescriptions
Source: CMS State Drug Utilization Data

---

14. total_amount_reimbursed

Type: REAL
Description: Total dollar amount reimbursed for the drug in that state and quarter.
Units: U.S. Dollars (USD)
Source: CMS State Drug Utilization Data

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15. medicaid_amount_reimbursed

Type: REAL
Description: Portion of the total reimbursement paid directly by Medicaid.
Units: U.S. Dollars (USD)
Source: CMS State Drug Utilization Data

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16. non_medicaid_amount_reimbursed

Type: REAL
Description: Portion of the total reimbursement attributed to non-Medicaid sources.
Units: U.S. Dollars (USD)
Source: CMS State Drug Utilization Data

Dataset Source Statement

All variables are derived from the publicly available State Drug Utilization Data published by the Centers for Medicare & Medicaid Services and accessed through Data.gov. The dataset is licensed as public domain and is reproducible via direct CSV download from the official CMS resource page.