

Johnson & Johnson

# State Medicaid spending on prescription drugs in Ohio



# Objective

Despite widespread stakeholder interest, there is no central source of data to identify the amount that states are spending on prescription drugs as a part of total Medicaid spending. As such, discussion of prescription drug costs lacks context on actual drug spending as a portion of state spending on healthcare. To advance the discussion around prescription drug spending in Medicaid, the objective of this analysis was to estimate 2023 prescription drug spending using state budgets and other publicly available sources. This enables evidence-based discussions around net drug spend and proposed drug pricing policies.

# Methods

Researchers analyzed state Medicaid drug expenditures and drug rebate income to generate an overview of total state spending on prescription drugs and an estimate of Medicaid drug spending as a percentage of total Medicaid expenditures for Ohio in Fiscal Year 2023.

## Sources included:

- Medicaid State Drug Utilization Data to obtain total (non-340B) outpatient drug spending, separated by MCO and FFS spending<sup>1</sup>
- Medicaid Budget and Expenditure System/State Children's Health Insurance Program (CHIP) Budget and Expenditure System (MBES/CBES) Form CMS-64; data includes state-reported drug rebate amounts<sup>2</sup>
- Kaiser Family Foundation FMAP 2023 data<sup>3</sup>
- State budget documents<sup>4</sup>
- MACStats: Medicaid and CHIP Data Book<sup>5</sup>

Table: Calculations to estimate gross and net drug spend<sup>4</sup>

<b>Gross (total) Medicaid spending</b>	=	State Medicaid contribution	+	Federal Medicaid contribution
<b>Net state Medicaid spending on drugs</b>	=	State share of Medicaid spending on outpatient, non-340B drugs	-	State share of Medicaid rebates (statutory and supplemental)
<b>Percentage of state Medicaid spending that is drug spending</b>	=	Net state Medicaid spending on drugs	÷	State share of Medicaid spending

Note: Gross spending reflects expenditures before the subtraction of manufacturer rebate.

# Ohio spends an estimated 6.7% of its Medicaid budget on prescription drugs, net of rebates<sup>4</sup>



Prescription drugs have become an increasingly important part of the United States healthcare system.<sup>2</sup> As states consider legislation to establish price controls and other drug pricing policies, review of Medicaid spending on prescription drugs adds vital context to these important discussions.

After rebates, Ohio’s net Medicaid spending on prescription drugs was approximately \$648.3M, just 6.7% of Ohio’s total state Medicaid spending in FY 2023.<sup>4</sup>

This is below the national rate of drug spending as a share of overall healthcare spending of 14%.<sup>6</sup>

## Medicaid spending in Ohio, FY 2023

Estimated state vs. federal share of Medicaid spending, FY 2023



State Medicaid drug spending as a proportion of total Medicaid spending in Ohio, FY 2023



**Medicaid Drug Rebates:** Under the federal Medicaid Drug Rebate Program, manufacturers provide discounts in the form of rebates on covered outpatient drugs paid for by state Medicaid programs.<sup>7</sup> **Medicaid rebates reduce gross drug spending by over half.<sup>8</sup>**

**Medicaid in OH snapshot:** *The Ohio Department of Medicaid provides health insurance to low-income adults and children.<sup>9</sup>*

29%

Share of OH population covered by Medicaid, FY 2023<sup>10, 11</sup>

3.36M

Total Medicaid & CHIP population, FY 2023<sup>10</sup>

19% FFS, 81% MCO

Percent Medicaid population in FFS vs. MCO, FY 2023<sup>12</sup>

\$193

State drug spending per beneficiary after discounts, FY 2023<sup>4</sup>

### State and federal contribution to Medicaid

Medicaid is jointly funded by the state and federal government, but is administered by the states.<sup>13</sup> In Ohio, the state contributed 30% and the federal government contributed 70% to Medicaid expenditures in FY 2022.<sup>14</sup> Actual state and federal Medicaid spending rates can vary significantly from these percentages due to other factors influencing total Medicaid costs, including Medicaid expansion, Medicaid waivers, and special programs in Ohio, which have varying state/federal contribution rates.

### State initiatives

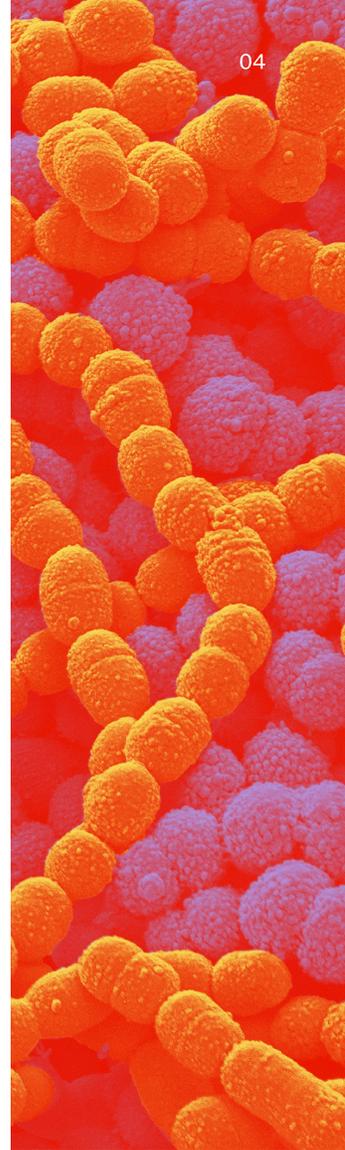
On October 1, 2022, Ohio launched a single PBM to administer the state’s MCO and FFS pharmacy benefits, carving out pharmacy from MCO contracts; this is expected to advance quality, accuracy, transparency and accountability.<sup>15</sup>

# Limitations

Important limitations to this analysis should be considered. First, there is uncertainty regarding inpatient hospital spending on drugs due to bundled payments (i.e., drug costs not separately identified from hospital costs), and MCO spending on prescription drugs due to limited public reporting.

Furthermore, the drug rebates collected by states in each quarter are generally attributable to drugs administered or dispensed in prior quarters. As a result, gross spending in a given time period does not necessarily align with the rebate dollars received in that period. In addition, there is a lack of transparency across states as to what types of information states publish relating to Medicaid spending.

Some states had detailed Medicaid budget documents, while others limited publicly available information about specific spending areas. Finally, this analysis does not consider 340B drug spending due to lack of transparency regarding the amount of 340B drugs used for Medicaid beneficiaries. 340B entities should be passing 340B discounts through to Medicaid by acquisition cost billing, but it's unclear that it's happening particularly in Medicaid managed care due to lack of transparency. The net Medicaid spend may be higher to the extent covered entities are billing Medicaid and Managed Medicaid at regular rates.



# Citations

1. Medicaid.gov. State Drug Utilization Data. Updated January 13, 2025. <https://www.medicaid.gov/medicaid/prescription-drugs/state-drug-utilization-data>.
2. Medicaid.gov. Expenditure Reports from MBES/CBES. <https://www.medicaid.gov/medicaid/financial-management/state-expenditure-reporting-for-medicaid-chip/expenditure-reports-mbescbes>.
3. Kaiser Family Foundation. Federal Medical Assistance Percentage (FMAP) for Medicaid and Multiplier. 2024. <https://www.kff.org/medicaid/state-indicator/federal-matching-rate-and-multiplier/?currentTimeframe=2&sortModel=%7B%22colld%22:%22Location%22,%22sort%22:%22asc%22%7D>.
4. State budget documents collected, reviewed, and analyzed by Johnson & Johnson internal Access & Policy Research team.
5. MACPAC. MACStats: Medicaid and CHIP Data Book. December 2024. <https://www.macpac.gov/wp-content/uploads/2024/12/EXHIBIT-30-Percentage-of-Medicaid-Enrollees-in-Managed-Care-by-State-and-Eligibility-Group-FY-2022.pdf>.
6. IQVIA Drug Expenditure Dynamics 1995-2020. October 14, 2021. [https://www.iqvia.com/-/media/iqvia/pdfs/institute-reports/drug-expenditure-dynamics/appendices/drug-expenditure-analysis\\_countryslides\\_us\\_v01.pdf](https://www.iqvia.com/-/media/iqvia/pdfs/institute-reports/drug-expenditure-dynamics/appendices/drug-expenditure-analysis_countryslides_us_v01.pdf).
7. Medicaid.gov. Medicaid Drug Rebate Program. May 7, 2025. <https://www.medicaid.gov/medicaid/prescription-drugs/medicaid-drug-rebate-program>.
8. MACPAC. Trends in Medicaid Drug Spending and Rebates. October 27, 2022. <https://www.macpac.gov/wp-content/uploads/2022/10/07Trends-in-Medicaid-Drug-Spending-and-Rebates-Chris.pdf>.
9. OH Department of Medicaid. <https://data.medicaid.ohio.gov/families-and-individuals/coverage/coverage>.
10. CMS. Medicaid and CHIP Eligibility Operations and Enrollment Snapshot Data. June 2023. [https://data.medicaid.gov/medicaid-chip-eligibility-enrollment-snapshot-data?state=OH&reporting\\_period=202306](https://data.medicaid.gov/medicaid-chip-eligibility-enrollment-snapshot-data?state=OH&reporting_period=202306).
11. US Census Bureau. State Total Population Estimates. April 2025. <https://www.census.gov/data/tables/time-series/demo/popest/2020s-national-detail.html>.
12. MACPAC. Percent of Medicaid Enrollees in Managed Care by State and Eligibility Group, FY 2022. December 2024. <https://www.macpac.gov/publication/percentage-of-medicaid-enrollees-in-managed-care-by-state-and-eligibility-group/>.
13. Medicaid.gov. Financial Management. <https://www.medicaid.gov/medicaid/financial-management>.
14. MACPAC. Federal Medical Assistance Percentages and Enhanced Federal Medical Assistance Percentages by State, FYs 2022–2025. <https://www.macpac.gov/wp-content/uploads/2024/12/EXHIBIT-6-FMAP-and-Enhanced-FMAP-by-State-FYs-2022%E2%80%932025.pdf>.
15. OH Department of Medicaid. Ohio Medicaid Single Pharmacy Benefit Manager (SPBM) Program Update and Fiscal Impact. June 26, 2025. [https://dam.assets.ohio.gov/image/upload/medicaid.ohio.gov/About%20Us/PublicNotices/JMOC\\_Testimony\\_Sean\\_Eckard\\_06262025\\_F.pdf](https://dam.assets.ohio.gov/image/upload/medicaid.ohio.gov/About%20Us/PublicNotices/JMOC_Testimony_Sean_Eckard_06262025_F.pdf).