

February 20, 2024

## National health spending grew by 6.2% in 2023

### HIGHLIGHTS

- ▲ Initial data for all of 2023 suggest that national health spending grew by 6.2% for the year, while GDP grew by 6.3%. Personal health care grew by 7.7%.
- ▲ In December 2023, national health spending grew by 6.0% since December 2022, and represents 17.2% of GDP.
- ▲ Nominal GDP in December 2023 was 6.6% higher than in December 2022, and grew 0.6 percentage points faster than health spending.
- ▲ Personal health care spending growth in December was 7.2%, year over year, and continues to be dominated by growth in utilization rather than increases in prices.
- ▲ Year-over-year spending on prescription drugs and home health care grew fastest in December, at 12.8% and 12.7%, respectively. Spending on hospital care increased the least among major categories, at 5.5%.

### National Health Spending and GDP\*

	Dec 2021	Dec 2022	Nov 2023	Dec 2023
<b>GDP</b>	24.93	26.48	27.92	28.22
<b>National Health Spending (HS)</b>	4.46	4.59	4.84	4.86
<b>HS Share of GDP</b>	17.9%	17.3%	17.3%	17.2%
<b>HS Share of PGDP</b>	18.2%	17.3%	17.5%	17.6%
<b>Growth from Prior 12 Months</b>				
<b>HS</b>	6.8%	2.8%	5.9%	6.0%
<b>GDP</b>	12.7%	6.2%	5.5%	6.6%
<b>HS minus GDP</b>	-5.9%	-3.4%	0.3%	-0.6%
<b>HS minus PGDP</b>	-1.8%	-5.3%	1.1%	1.4%

Source: Altarum monthly health spending estimates (see Methods box below). Monthly GDP is from S&P Global Market Intelligence. PGDP, defined as what GDP would be at full employment, is from the quarterly Congressional Budget Office estimates, converted to monthly by Altarum.

\* Spending is in trillions of dollars at a seasonally adjusted annual rate (SAAR).

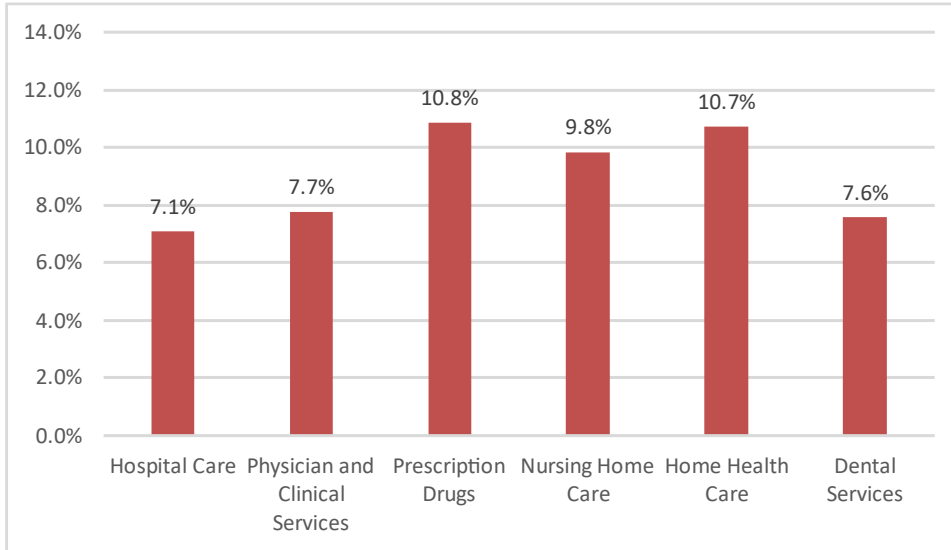
Altarum is a nonprofit research and consulting organization that creates and implements solutions to advance health among at-risk and disenfranchised populations. Since 2011, Altarum has researched cost growth trends and key drivers of U.S. health spending and formulated policy strategies to help bend the cost growth curve. This work was made possible through generous support from the Robert Wood Johnson Foundation.

*The Health Sector Economic Indicators<sup>SM</sup>* reports are a monthly publication of Altarum and provide an analysis of health spending, employment, and prices. For more information, contact Corwin Rhyan at [corwin.rhyan@altarum.org](mailto:corwin.rhyan@altarum.org). George Miller, PhD (principal author), Corwin Rhyan, Stephen McCall, and Matt Daly, PhD, contributed to this brief. We thank Ani Turner for her years of leadership of this work. Media Contact: [press@altarum.org](mailto:press@altarum.org). For more information, visit <http://altarum.org/solution/health-sector-spending>.

## DISCUSSION

This month’s spending brief provides a first look at health spending for the entire year of 2023. For the year, health spending grew by 6.2%, a pace nearly the same as the 6.3% growth in GDP. Annual growth in personal health care spending (spending on health care goods and services, i.e., excluding spending on program administration and the net cost of insurance, government public health activities, and investment) was 7.7%. Exhibit 1 shows growth for the year within major categories of personal health care. In 2023, prescription drugs and home health care grew the fastest, at 10.8% and 10.7%, respectively. Spending on hospital care grew the least, at 7.1%.

**Exhibit 1. Increase in Health Care Spending for All of 2023**



For the month of December 2023, national health spending grew by 6.0%, year over year, reaching a seasonally adjusted annual rate of \$4.86 trillion. Over the same period, GDP grew by 6.6%. Health spending in December accounted for 17.2% of GDP and has remained below 17.5% since January 2022.

In recent months, the year-over-year GDP growth rate and the growth rate in national health spending have averaged around 6% while the personal health care spending portion of health spending growth has been somewhat higher and stands at 7.2% in December (Exhibit 2).

**Exhibit 2. Year-over-Year Growth in GDP and Health Spending**

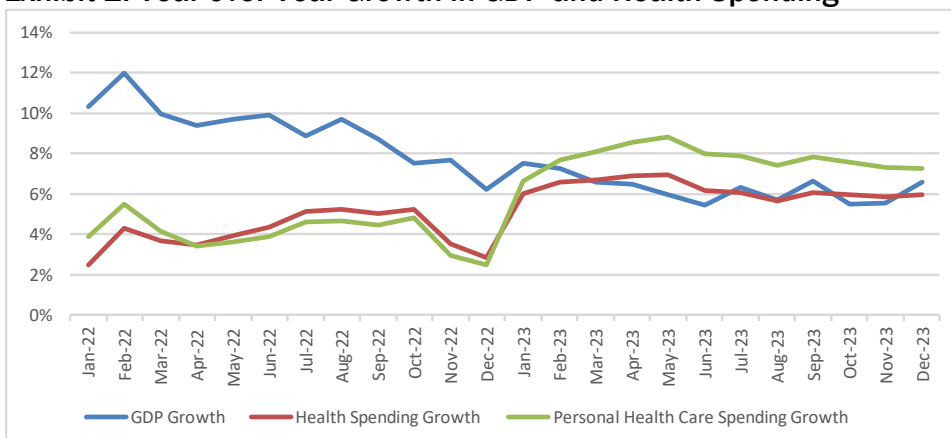


Exhibit 3 illustrates how health spending in December was distributed among spending categories. Personal health care constitutes 84% of national health spending, while half of total expenditures was attributed to hospital care and physician and clinical services. (Values do not add to 100% due to rounding.)

### Exhibit 3. Health Spending by Category, December 2023

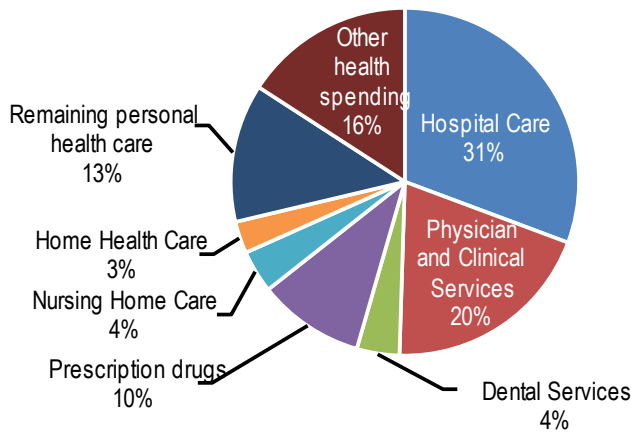


Exhibit 4 displays the growth in spending by major categories within personal health care since December 2022. At 12.8%, retail sales of prescription drugs represented the fastest-growing contributor to the 7.2% year-over-year growth in personal health care, followed by home health care, at 12.7%. Spending on hospital care grew the slowest, at 5.5%.

### Exhibit 4. Health Care Spending 12-Month Growth

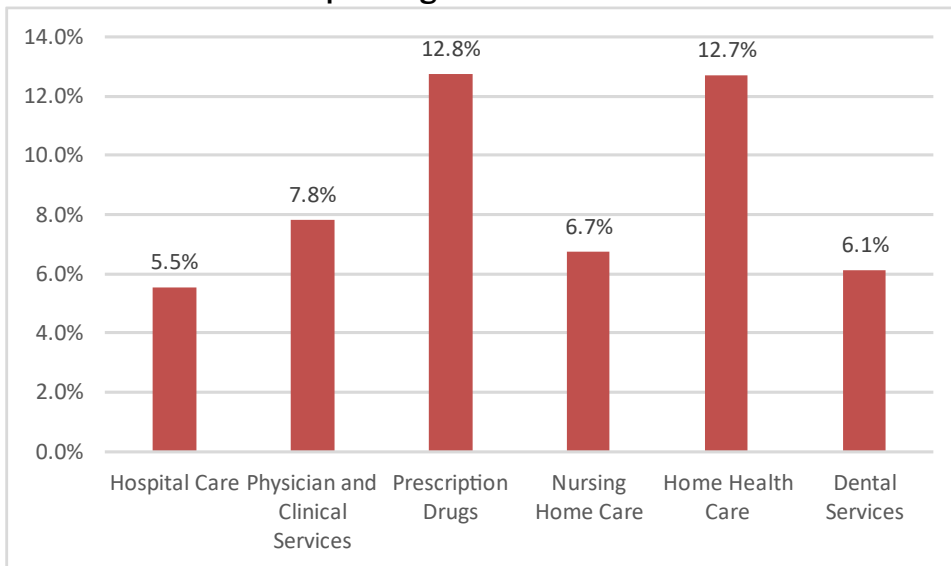
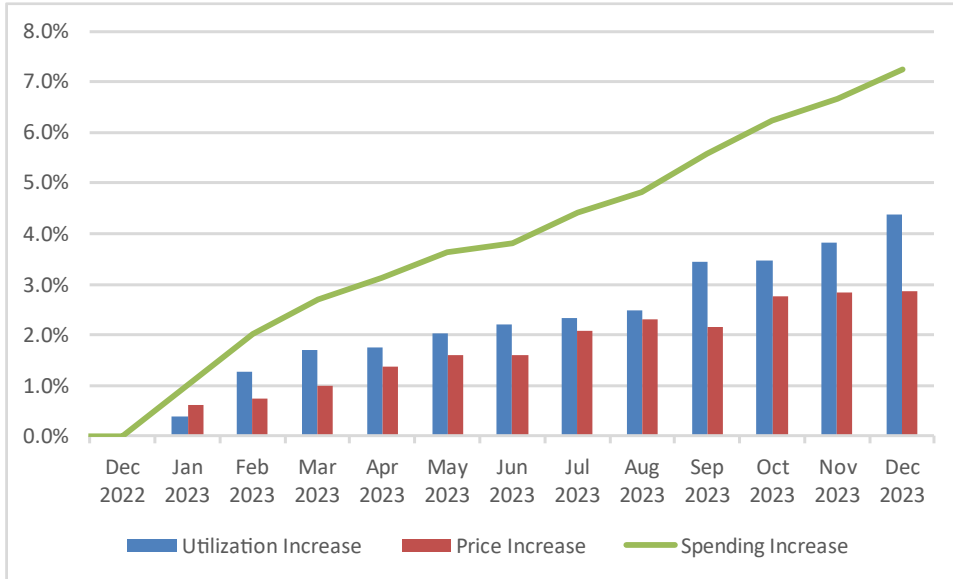


Exhibit 5 shows how spending on personal health care has grown over the past year (since December 2022) and illustrates the relative contribution of utilization and prices to this growth. It indicates that spending growth through December 2023 has continued to be driven largely by utilization growth: Of the 7.2% growth in personal health care spending during this period, 2.9 percentage points can be attributed to price growth, while the remaining 4.4 percentage point growth was associated with increases in utilization (discrepancy due to rounding).

### Exhibit 5. Cumulative Growth in Personal Health Care Spending



All spending values shown in this brief include COVID-related subsidies from the federal government. With the exception of federal government support to public health activities, these subsidies have been very small since the start of 2022.

## DETAILED HEALTH SPENDING

**Exhibit 6. Monthly National Spending Estimates by Detailed Category**

Levels (in billions of dollars)	Dec 2020	Dec 2021	Dec 2022	Dec 2023
<b>GDP</b>	\$22,128.2	\$24,928.8	\$26,475.2	\$28,223.0
<b>National Health Spending</b>	\$4,180.3	\$4,463.5	\$4,590.3	\$4,864.9
<b>Personal health care</b>	\$3,396.4	\$3,736.3	\$3,828.4	\$4,105.8
Hospital care	\$1,279.3	\$1,387.1	\$1,413.0	\$1,491.2
Physician and clinical services	\$829.4	\$904.4	\$902.0	\$972.4
Other professional services	\$120.7	\$143.7	\$145.1	\$158.4
Dental services	\$141.3	\$182.3	\$170.5	\$180.9
Other personal health care	\$213.2	\$236.6	\$252.8	\$261.3
Home health care	\$116.4	\$130.5	\$136.7	\$154.0
Nursing home care	\$175.6	\$190.3	\$200.6	\$214.1
Prescription Drugs	\$360.4	\$387.3	\$421.3	\$475.0
Durable medical equipment	\$60.5	\$64.3	\$68.6	\$72.0
Nondurable medical products	\$99.6	\$109.9	\$117.7	\$126.4
Program administration and net cost of private health insurance	\$338.0	\$309.2	\$349.0	\$370.9
Government public health activities	\$247.1	\$205.2	\$189.7	\$151.5
Research	\$61.1	\$63.0	\$66.4	\$69.9
Structures and equipment	\$137.8	\$149.8	\$156.7	\$166.7
<b>HS Share of GDP</b>	18.9%	17.9%	17.3%	17.2%
<b>HS Share of PGDP</b>	18.5%	18.2%	17.3%	17.6%

Source: Altarum monthly national health spending estimates. The monthly GDP is from S&P Global Market Intelligence.

Notes: Spending is expressed in billions of dollars at a SAAR.

**Exhibit 7. National Health Spending 12-Month Growth Rates by Detailed Category**

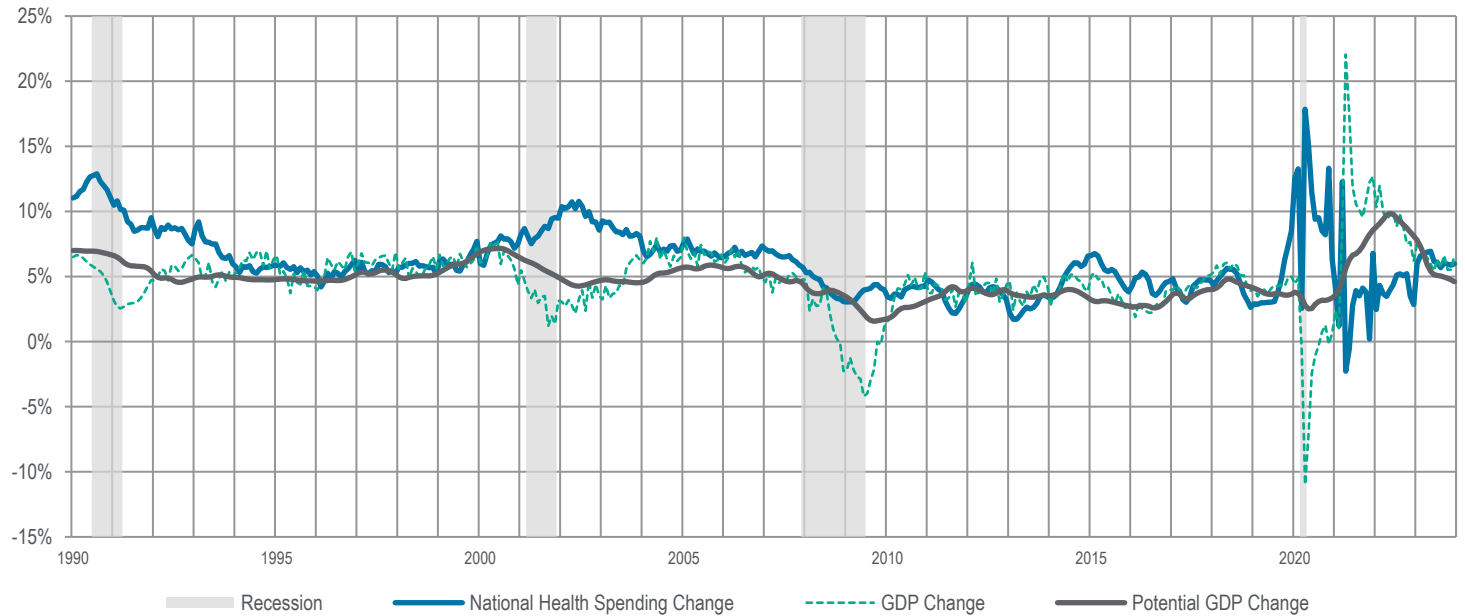
Growth Rates	Dec 2021	Dec 2022	Dec 2023
<b>GDP</b>	12.7%	6.2%	6.6%
<b>National Health Spending</b>	6.8%	2.8%	6.0%
<b>Personal health care</b>	10.0%	2.5%	7.2%
Hospital care	8.4%	1.9%	5.5%
Physician and clinical services	9.0%	-0.3%	7.8%
Other professional services	19.0%	1.0%	9.2%
Dental services	29.0%	-6.4%	6.1%
Other personal health care	10.9%	6.9%	3.3%
Home health care	12.1%	4.8%	12.7%
Nursing home care	8.4%	5.4%	6.7%
Prescription Drugs	7.5%	8.8%	12.8%
Durable medical equipment	6.3%	6.7%	4.9%
Nondurable medical products	10.3%	7.1%	7.4%
Program administration and net cost of private health insurance	-8.5%	12.9%	6.3%
Government public health activities	-17.0%	-7.5%	-20.1%
Research	3.2%	5.3%	5.3%
Structures and equipment	8.7%	4.6%	6.4%
<b>HS Minus GDP</b>	-5.9%	-3.4%	-0.6%
<b>HS Minus PGDP</b>	-1.8%	-5.3%	1.4%

Source: Computed from Exhibit 5.

Note: This exhibit compares monthly national health spending to that of the same month from the previous year.

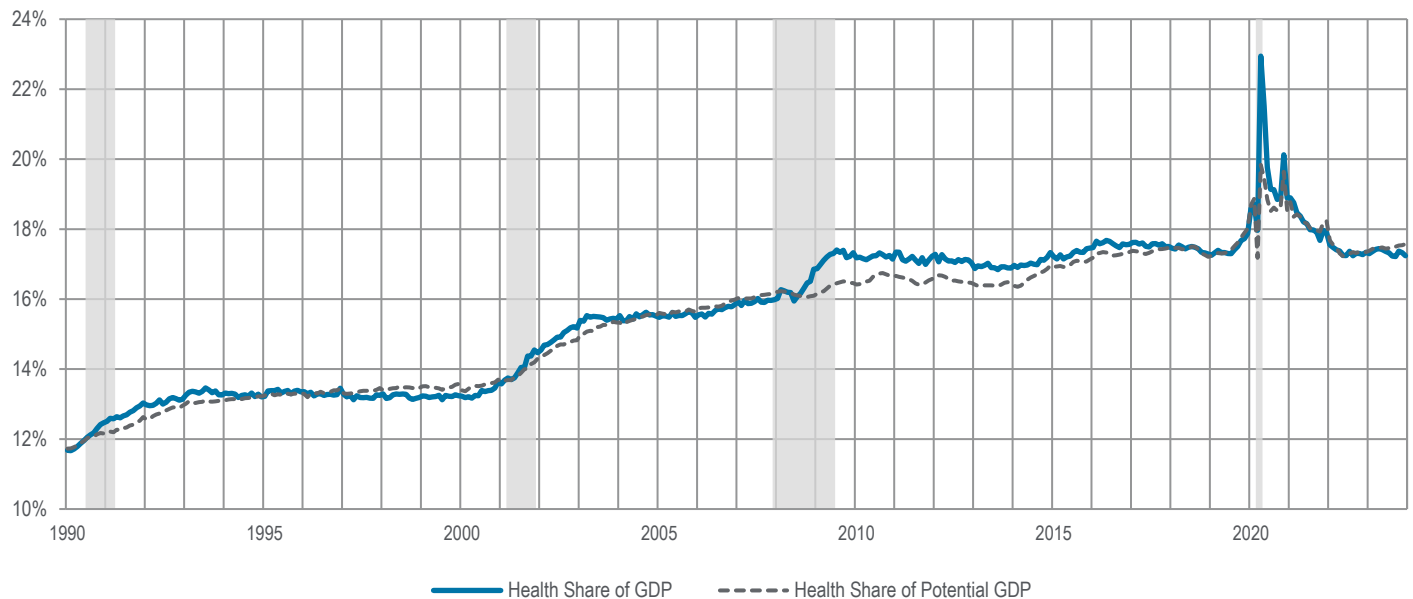
## TIME SERIES TRACKER

**Exhibit 8. Year-over-Year Percentage Change in Spending and GDP**



**Source:** Altarum monthly national health spending estimates. The monthly GDP is from S&P Global Market Intelligence.  
**Note:** Lightly shaded bars denote recession periods.

**Exhibit 9. Monthly Health Spending as a Percentage of Monthly GDP**



**Source:** Altarum monthly national health spending estimates. Monthly GDP is from S&P Global Market Intelligence. PGDP is from the U.S. Congressional Budget Office and has been converted to monthly estimates. **Note:** Lightly shaded bars denote recession periods.

**Methods.** Altarum’s estimates are based on [BEA monthly health spending](#) and [CMS annual NHE estimates \(1990–2022\) and projections](#) (2023). BEA spending categories are matched to NHEA components by using information presented in the [following](#): Hartman, M. B., Kornfeld, R. J., & Catlin, A. C. (2010, September). A reconciliation of health care expenditures in the National Health Expenditures Accounts and in gross domestic product. *Survey of Current Business*, 90(9), 42–52. For all NHEA personal health care categories except “other health, residential, and personal care,” monthly estimates are based on BEA spending adjusted to NHEA by using annual ratios. For the remaining categories, national health spending estimates and projections are allocated across months by using a simple trend. Annual ratio adjustments through 2022 are based on NHEA actuals and ensure that monthly estimates sum exactly to NHEA annual amounts. The 2022 ratios are used to adjust BEA spending for months in 2023.