

September 25, 2024

Health care prices continue to rise faster than economywide inflation

## HIGHLIGHTS

- ▲ The overall Health Care Price Index (HCPI) increased by 2.7% year over year in August, down 0.2 percentage points from a month prior.
- ▲ Economywide inflation fell, with year-over-year growth in the overall Consumer Price Index (CPI) decreasing to 2.5% and growth in the Producer Price Index (PPI) dropping to 1.7%.
- ▲ Among the major health care categories, prices for nursing home care (3.8%) and dental care (3.5%) were the fastest growing, while physician and clinical price growth was the slowest (1.3%).
- ▲ For major payers, year-over-year Medicaid price growth (5.7%) exceeded services price growth for private insurance (3.2%) and Medicare patients (1.7%).
- ▲ The implicit measure of health care utilization growth was 4.5% year over year in July, equal to the revised June value.
- ▲ Home health care utilization was, by far, the fastest growing component, increasing 15.9% year over year. This category was followed by physician and clinical services (6.7%), prescription drugs (5.6%), and nursing home care (5.1%), while hospital care and dental services trailed the other categories at 2.7% and 2.6%, respectively.

	Aug 2022	Aug 2023	Jul 2024	Aug 2024
<b>Health Care Price Index (HCPI)</b>	3.0%	2.8%	2.9%	2.7%
<b>GDP Deflator (GDPD)</b>	7.1%	3.3%	2.6%	**
<b>HCPI - GDPD</b>	-4.1%	-0.4%	0.3%	**
<b>Addendum</b>				
<b>Personal health care spending</b>	4.6%	7.7%	7.3%	**
<b>Health care utilization</b>	1.6%	4.9%	4.5%	**
<b>Medical Consumer Price Index (MCPI)</b>	5.4%	-1.0%	3.2%	3.0%
<b>Consumer Price Index, all items (CPI)</b>	8.3%	3.7%	2.9%	2.5%
<b>Producer Price Index, Final Demand (PPI)</b>	8.7%	1.9%	2.1%	1.7%

Source: Altarum analysis of U.S. Bureau of Labor Statistics (BLS) data. HCPI is a composite price index designed to measure overall price changes for personal health care spending and is patterned after the price index developed by the Centers for Medicare & Medicaid Services (CMS). Details are provided below. Numbers may not subtract properly due to rounding.

\*\*Data not available

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>* (HSEI) reports are a monthly publication of Altarum providing analyses of health spending, employment, and prices. For more information, contact George Miller at [George.Miller@altarum.org](mailto:George.Miller@altarum.org). Corey Rhyan (principal author), George Miller, PhD, 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

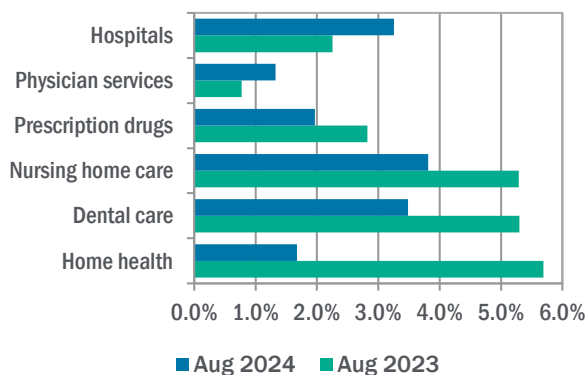
The overall health care price index (HCPI) increased by 2.7% year over year in August, down from 2.9% in July (Exhibit 1). The July value was 0.3 percentage points greater than economywide inflation as measured by the GDP deflator (Exhibit 1). This marks the tenth straight month where health care prices have risen faster than economywide inflation. Over the first half of 2024, health care price growth has averaged 3.0% year over year, just up from the 2.9% overall 2023 annual average.

Regarding other measures of economywide inflation, CPI price growth fell to 2.5% year over year in August, while PPI inflation fell to 1.7%. Economywide price increases continue to be driven by services inflation (up 5.0% year over year), while commodities inflation continued its negative trend begun last month, dropping to -1.1% (Exhibit 4).

Health care services continued to be the major driver of health care price growth in August, with nursing home care services up 3.8%, dental care up 3.5%, and hospital care up 3.3%. Still, the year-over-year increases in prescription drug prices observed in recent months continued this month at 2.0% (Exhibits 2 and 3). Price growth for physician and clinical services continues to be one of the slowest-growing categories, up 1.3% year over year and 1.3 percentage points below the aggregate HCPI. In July CMS released their proposal for Medicare physician reimbursement for 2025, including a [2.8% cut for physician fees](#) next year. While the final impact of this proposed cut on overall physician payments may be mitigated by other changes to the physician fee schedule or by Congress intervening [as it has in years past](#), this proposal indicates significant possible downward pressure on physician and clinical care prices in the future.

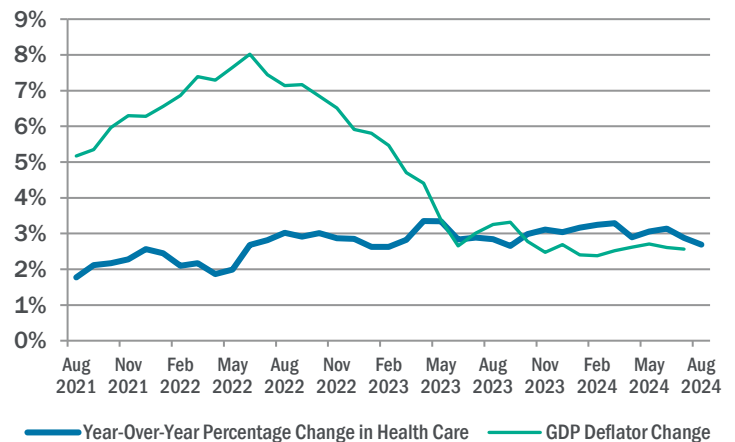
Among major payers for health care services, prices rose fastest for Medicaid patients last month, increasing 5.7% year over year, much higher than price growth for private insurance patients (3.2%) and Medicare (1.7%), as shown in Exhibit 6. Among specific health sector components, faster price growth among Medicaid patients was seen in both hospital care (up 5.9% year over year, as shown in Exhibit 8), and physician and clinical care (up 12.4%, as shown in Exhibit 7). Hospital price growth rates for other payers in August were slower than Medicaid—private insurance hospital prices were up 4.2% year over year while Medicare was up 2.5%.

### Exhibit 2. Year-over-Year Price Growth for Selected Categories



Source: Altarum analysis of monthly BLS price data.

### Exhibit 1. Year-over-Year Growth in HCPI & GDPD



Source: Altarum analysis of monthly BLS price data.

Our implicit measure of overall health care utilization growth (total spending growth net of health care price inflation) held in August at 4.5%, equal to the three-month moving average (Exhibit 9). The fastest-growing utilization component by far was again home health care, up a substantial 15.9% year over year, followed by physician services (6.7%), prescription drugs (5.6%) and nursing care facilities (5.1%), with hospital care (2.7%) and dental services (2.6%) running behind.

This month continues the 2024 trend of higher overall growth in the use of health care services compared to health care prices; however, with health care price growth increasing, this trend could change in the future. We will continue to monitor these data and this trend in our future price and [spending briefs in upcoming months](#).

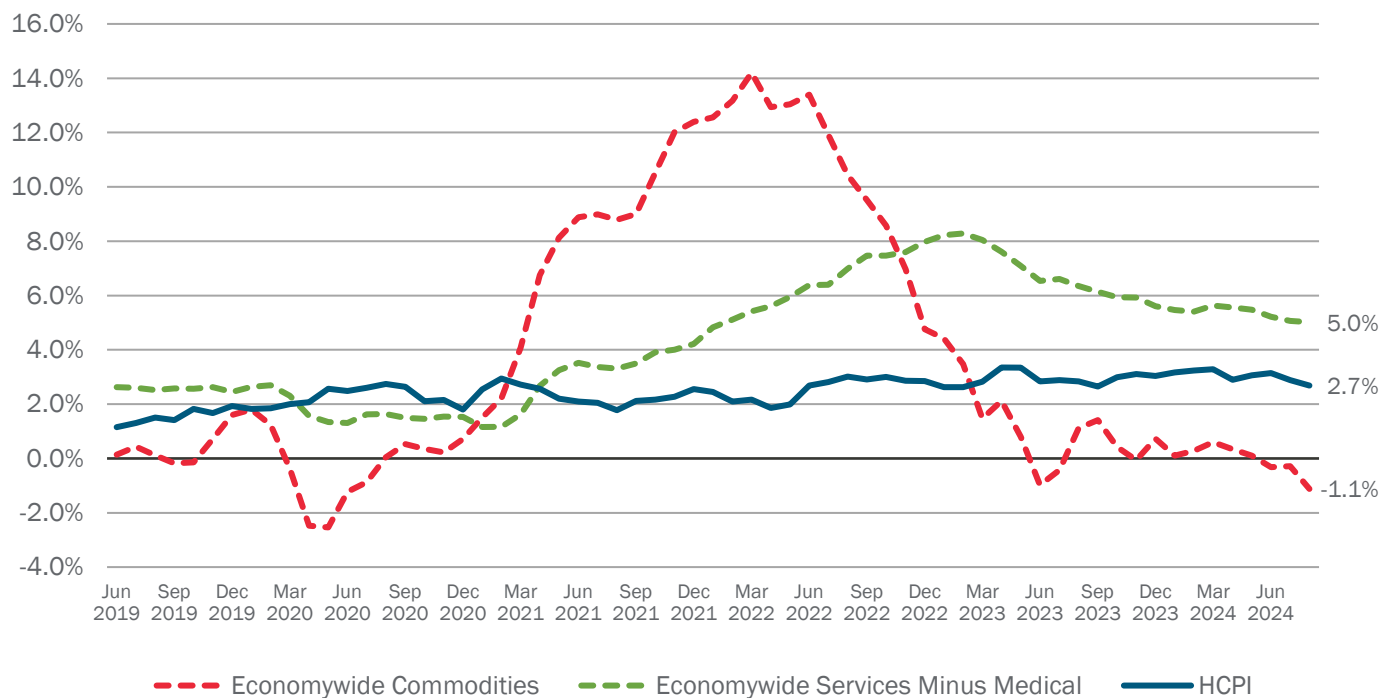
## PRICE GROWTH BY DETAILED CATEGORIES

**Exhibit 3. Annualized % Change in Prices for Major Components of National Health Expenditures**

	Ending August 2022	Ending August 2023	Ending August 2024
Health Care Price index	3.0%	2.8%	2.7%
Hospital Care	3.3%	2.3%	3.3%
Physician and clinical services	0.3%	0.8%	1.3%
Prescription drugs	3.2%	2.8%	2.0%
Nursing home care	3.9%	5.3%	3.8%
Dental services	4.7%	5.3%	3.5%
Home health care	1.9%	5.7%	1.7%
Other professional services	4.4%	0.1%	0.7%
Other personal health care	4.9%	6.1%	5.6%
Other non-durable medical products	6.1%	7.5%	2.4%
Durable medical equipment	3.5%	5.6%	1.7%

Source: Altarum analysis of monthly BLS data.

**Exhibit 4. Year-over-Year Percentage Change in Health Prices Compared with Economywide Commodities vs. Economywide Services**

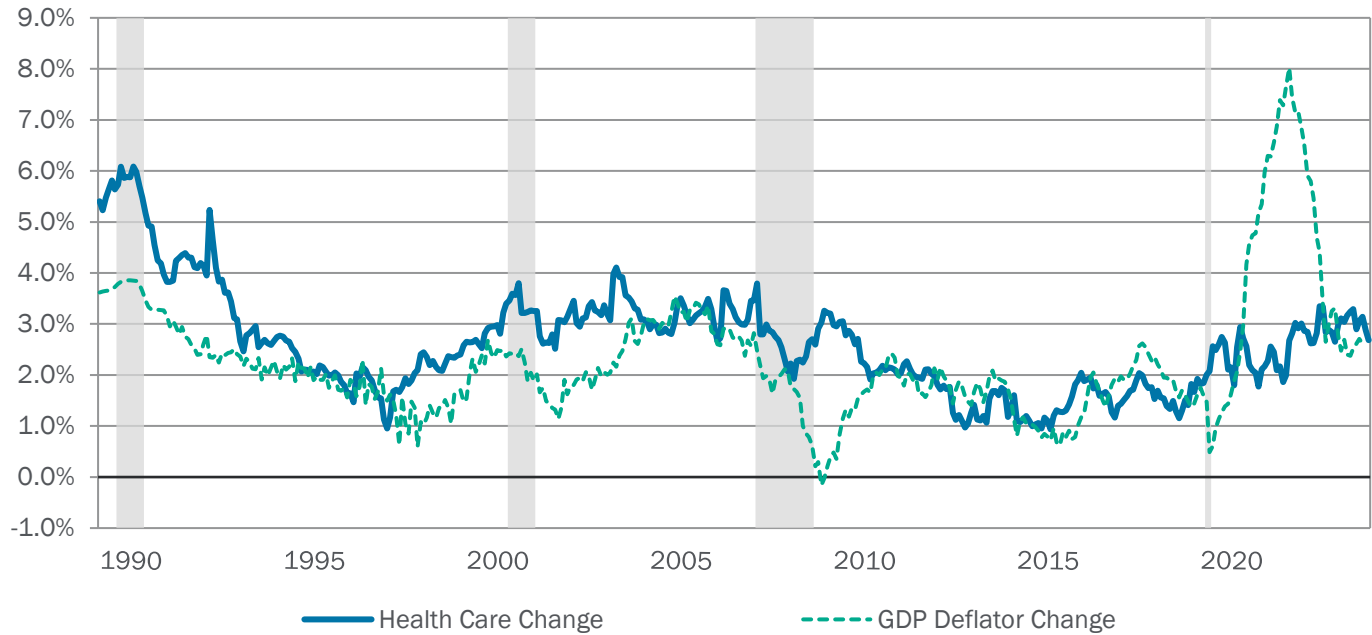


Source: Altarum analyses of BLS price data.

Methods. Altarum’s estimates for the monthly HCPI, a price index for personal health care spending within the National Health Expenditure Accounts, are essentially monthly versions of the annual index developed by the CMS National Health Statistics Group (NHSG). The advantages of this measure over the medical care component of the CPI are well documented. Information on the CMS index is presented in the following source: U.S. Department of Health and Human Services. (2019). *National Health Expenditure Accounts: Methodology Paper, 2018—Definitions, Sources, and Methods*. Washington, DC: Centers for Medicare & Medicaid Services. Retrieved from <http://www.cms.gov/files/document/definitions-sources-and-methods.pdf>. The HCPI is calculated by using BLS data on PPIs for hospital, physician, nursing home, and home health components and CPIs for prescription drugs and other remaining items. Following NHSG, we use the GDPD rather than the CPI as our measure of economy-wide inflation. While this brief focuses on prices, it also incorporates data from our spending brief and shows the power of looking at prices and spending together. In particular, it reveals the striking role of utilization in health spending growth trends.

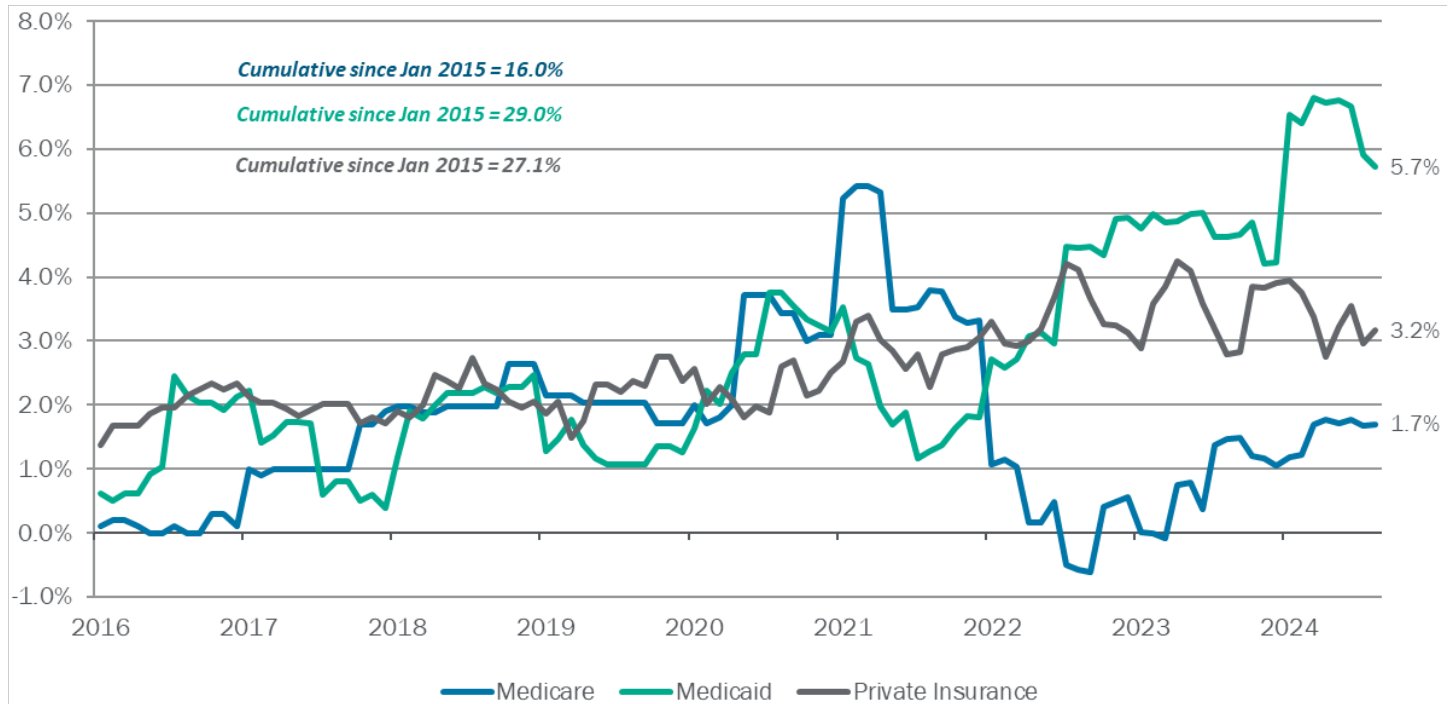
## TIME SERIES TRACKER

**Exhibit 5. Year-over-Year Percentage Change in Health Prices Compared with the GDP Deflator**



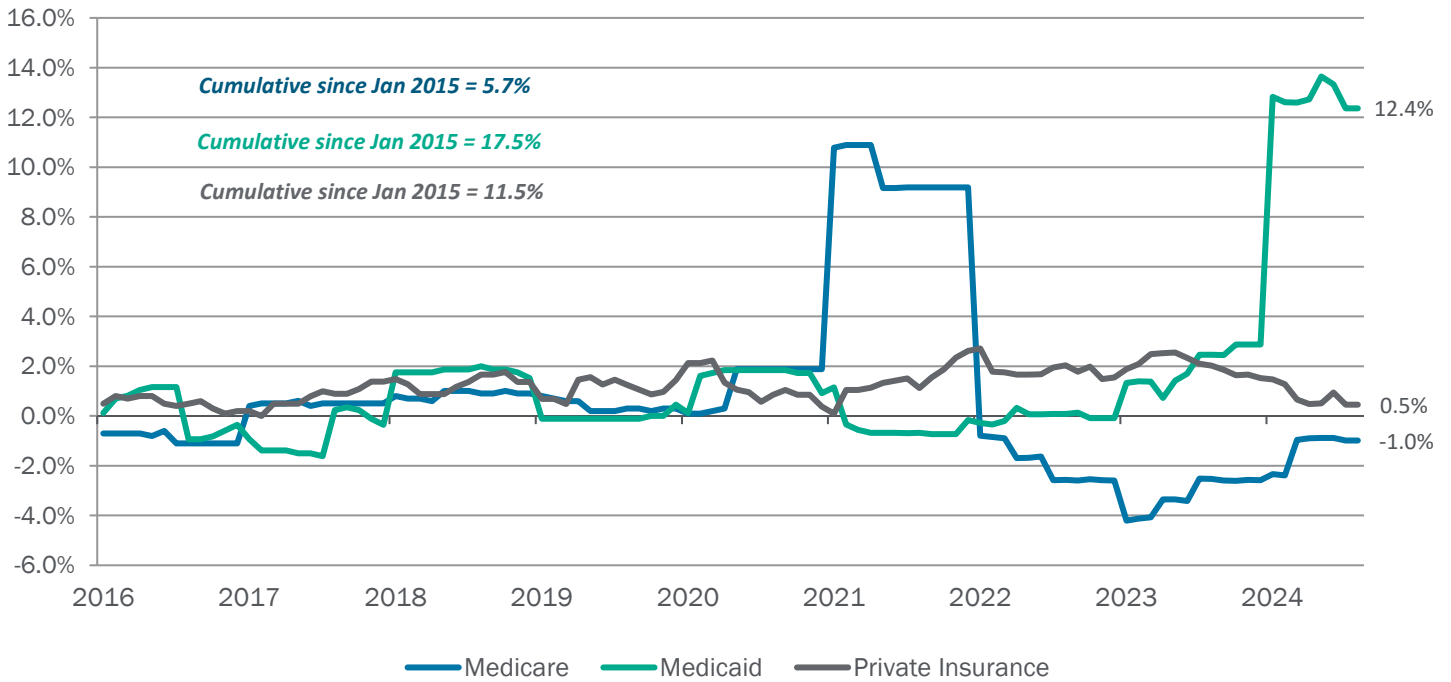
Source: Altarum analyses of BLS price data.  
Note: Lightly shaded bars denote recession periods.

**Exhibit 6. Year-over-Year Change in Health Care Services Price Growth by Payer**



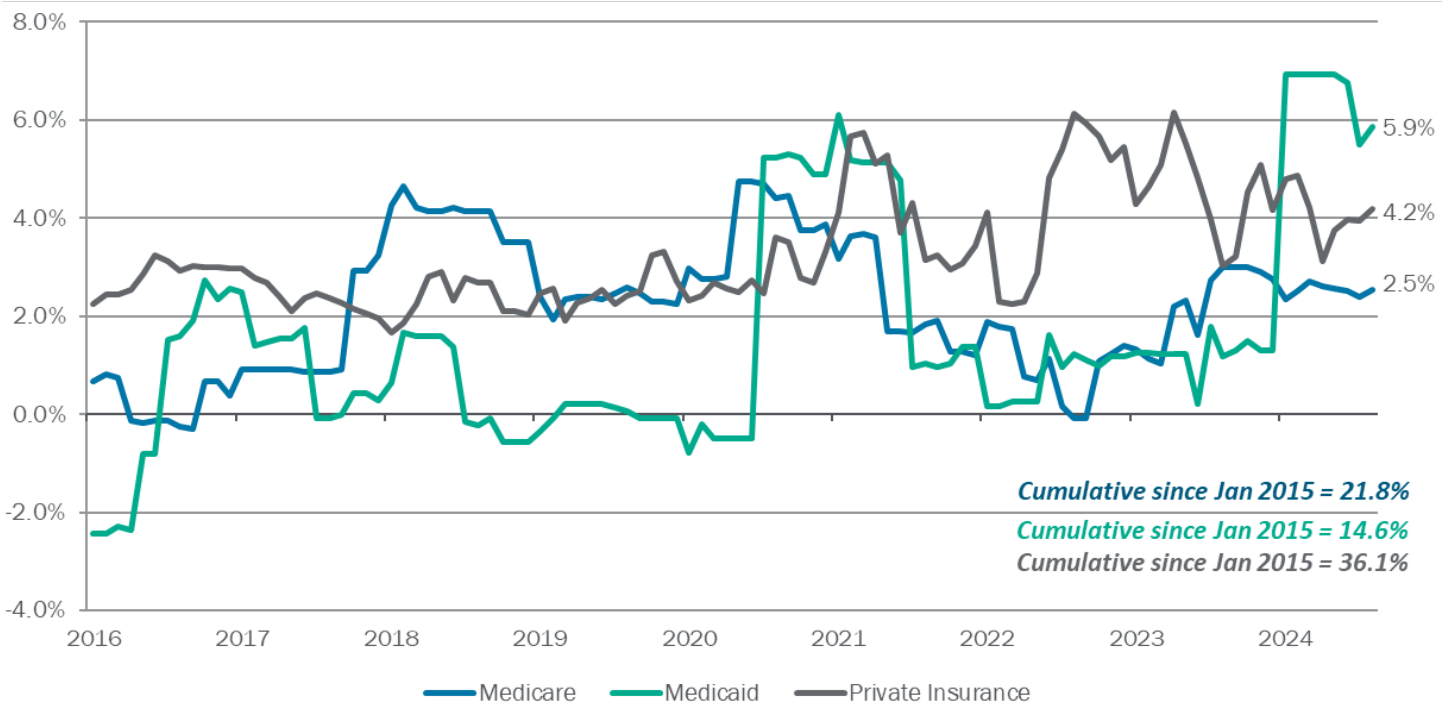
Source: Altarum analyses of BLS price data.

### Exhibit 7. Year-over-Year Change in Physician Care Services Price Growth by Payer



Source: Altarum analyses of BLS price data.

### Exhibit 8. Year-over-Year Change in Hospital Services Price Growth by Payer



Source: Altarum analyses of BLS price data.

**Exhibit 9. Implicit Health Care Utilization Growth by Major Components of NHE, Year-over-year**

	July 2024	3-Month Moving Average	12-Month Moving Average
<b>Total personal health care</b>	4.5%	4.5%	4.9%
<b>Hospital care</b>	2.7%	2.8%	3.7%
<b>Physician and clinical services</b>	6.7%	6.7%	7.3%
<b>Prescription drugs</b>	5.6%	5.5%	7.5%
<b>Nursing home care</b>	5.1%	5.0%	4.5%
<b>Dental Services</b>	2.6%	2.5%	2.3%
<b>Home health care</b>	15.9%	18.5%	11.8%
<b>Other professional services</b>	8.7%	9.1%	8.3%
<b>Other personal health care</b>	0.1%	-0.5%	0.2%
<b>Other nondurable medical products</b>	-1.1%	-2.2%	-2.9%
<b>Durable medical equipment</b>	3.2%	4.1%	2.1%

Source: Altarum analysis of monthly BLS data combined with Altarum HSEI spending data.

Note: Beginning in March 2021, we slightly updated the computation of estimated implicit utilization shown in Exhibit 8 to be more consistent with our spending data. Previous iterations calculated implicit utilization growth (U) as spending growth (S) net of price growth (P) and population growth (Pop):  $U = S - P - \text{Pop}$ . New data (from March 2021 onward) now include population growth in utilization, with the new measure calculated as:  $U = S - P$ . This approach is an approximation, ignoring the interaction term between spending and prices growth ( $S * P$ ); however, as long as the two growth rates are small, this term is insignificant.

Source: Altarum analyses of BLS price data.