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## ▶ Tracking Vaccine Policy Impact with Vaccine Track

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### ▶ Vaccine Track: Aiming to Address Adult Vaccination Data Challenges



The COVID-19 pandemic elevated the public's understanding of the value of vaccines and the importance of data in helping to prevent disease and death, especially in adult and older adult populations



**Despite heightened awareness, adult vaccination rates across disease states declined**

As a country, we may face future public health crises for several vaccine-preventable diseases



Data availability and transparency related to COVID-19 vaccines was robust, real-time, and played a critical role in highlighting vaccination trends...  
**But publicly available data for routine immunization was still limited and lagging by a year or more**

**Vaccine Track helps provide up-to-date, relevant, accurate and publicly accessible data to help empower, focus and enhance public health efforts around vaccination**



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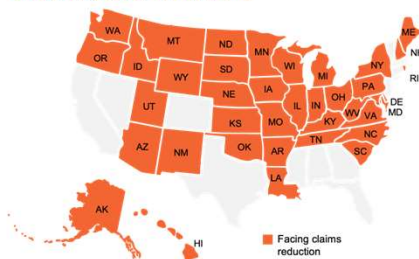
## ► Current Vaccine Track Data Insights: Full Year 2023

National average monthly vaccination claims for adults aged 19+ (excluding flu and RSV) **continue to show improvements** in 2023. Average vaccination claims across the full 2023 calendar year have **increased 10%** compared to calendar year 2022.

Full Calendar Year compared to 2019

Q1-Q4 2023	7% below 2019 levels
Q1-Q4 2022	15% below 2019 levels

In the 2023 calendar year, 38 states saw claims reductions for recommended adult vaccines (excluding flu and RSV) compared to pre-pandemic levels (2019), which is an improvement from 2022, when 42 states faced reductions.

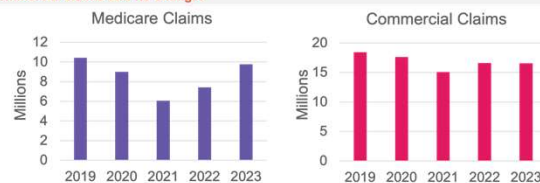


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**Trends in Adult Immunizations for Medicare and Commercial Plans:** In calendar year 2023, average monthly Medicare claims for recommended adult vaccines (excluding flu and RSV) were **6% below 2019 levels**, while commercial claims were **10% below 2019 levels**.



**Year-over-year comparisons show that average monthly Medicare claims for adult vaccines (excluding flu and RSV) increased 32% in calendar year 2023 compared to 2022, while commercial claims saw no change.**



Vaccine Track claims data continue to show incomplete capture of race and ethnicity data. Vaccine Track provides race and ethnicity information, where available, and **aims to support opportunities to improve analyses to provide meaningful insights**. Continued policy efforts are needed at the **federal, state and local** levels to improve race and ethnicity data reporting and collection.

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## ► Policy Impact: Medicare Part D

Medicare vaccinations driving many of the upward trends in adult vaccinations

Vaccinations in the Medicare population are up and may be rising in part due to the Protecting Seniors Act provisions of 2023

- Vaccine Track data show that **Part D claims in 2023 were up 45% from 2022**, while Part B vaccination claims fell 8%.
- 2023 Medicare claims were 6% lower than 2019 levels, a marked improvement from 2022**, when the claims were 29% lower than those in 2019.

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## ► Policy Impact: HHS Study on Medicare Part D

HHS study validates favorable impact of Protecting Seniors Act provisions of 2023

HHS Office of Assistant Secretary for Planning and Evaluation (ASPE) reviewed vaccination trends for Medicare Part D enrollees & compared numbers to enrollees in 2021

- The **ASPE study found increases in the number of Medicare beneficiaries receiving vaccines** across several ACIP-recommended vaccines.
  - **10.3 million Part D enrollees**—out of 50.5 million Part D enrollees and 65.8 million total Medicare beneficiaries—received at least one vaccine with no out-of-pocket costs in 2023. In 2021, only **3.4 million enrollees** received vaccines.
- **Impact on Costs:** ASPE estimates that as a result of Protecting Seniors provisions, **Part D enrollees saved \$400 million in out-of-pocket vaccination costs in 2023** (not including new RSV vaccines).
- **Implications:** ASPE highlights **vaccinations continue to lag for Black and Hispanic populations** – each comprising 10% of all Part D enrollees



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## ► Policy Impact: Medicaid vaccine claims are up but could shift again

Spike could be related to increase in enrollment during pandemic

Vaccine Track data show that **Medicaid vaccination claims rose in 2023**, though this change could be associated with the spike in Medicaid enrollment that was spurred by pandemic-era job losses

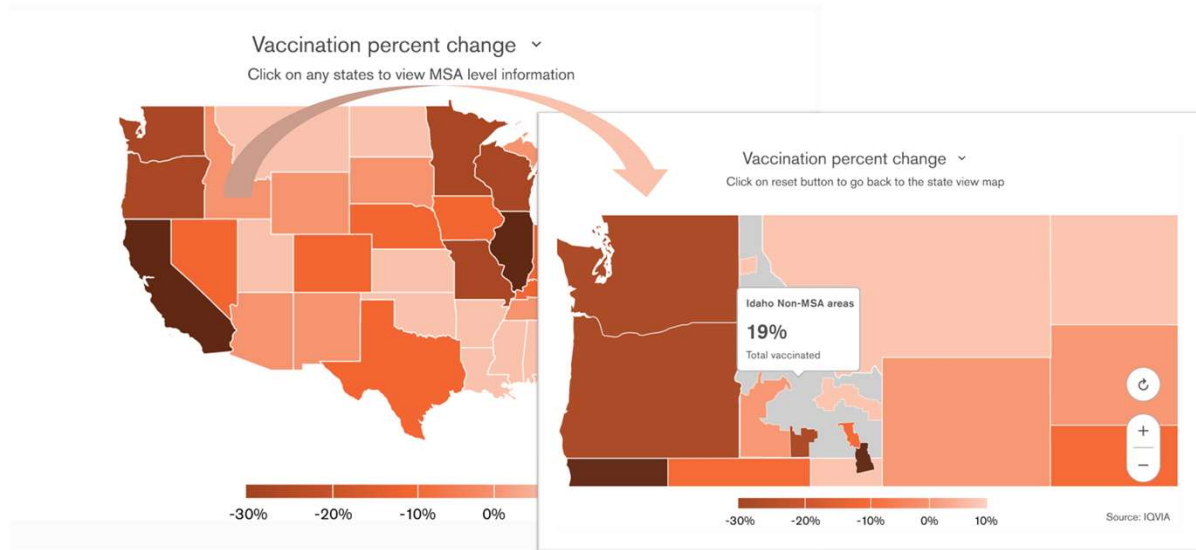
- As of April 2024, **Medicaid enrollment has fallen** back to 74 million, from the almost 94 million during February 2020 to March 2023 freeze on Medicare eligibility redeterminations
  - With the end of the freeze during the pandemic, former **Medicaid beneficiaries may be moving to commercial plans**
  - According to the HHS, **2.4 million of the 5 million new enrollees in ACA Marketplace were previously enrolled in Medicaid**



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## Vaccine Track: Metropolitan Statistical Area (MSA) Level Data



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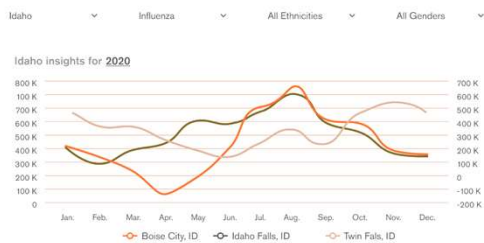
## Vaccine Track: Metropolitan Statistical Area (MSA) Level Data

Upgraded VT platform allows users to access state and local area data—by vaccine, gender, ethnicity

vaccine  
track

Home Trends

### Example: Idaho IZ Dashboard



MSA	Vaccinations	IZ Rates	vs Last Quarter	vs Last Year	vs Base Year
Boise City, ID	1,234,546	34%	▼ 34%	▲ 34%	▲ 34%
Idaho Falls, ID	311,241	34%	▲ 34%	▲ 34%	▲ 34%
Coeur d'Alene, ID	1,234	34%	▲ 34%	▼ 34%	▼ 34%
Twin Falls, ID	123	34%	▼ 20%	▲ 34%	▲ 34%
Logan, UT-ID	777	34%	▲ 10%	▼ 7%	▼ 7%

### Vaccine Distribution in top MSAs



Boise City, ID  
Idaho Falls, ID  
Coeur d'Alene, ID  
Twin Falls, ID  
Logan, UT-ID  
Other

### Top 5 Vaccinations



Influenza  
Zoster  
Tdap  
Pneumococcal  
Other  
RSV

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Vaccine Track: MSA Data Highlights

MSAs with greatest increases and reduction in claims



MSAs with greatest vaccination claim increases	Percent Increase (2023 v 2019)
Bloomington, IN	+104%
Ithaca, NY	+98%
Muncie, IN	+97%
El Centro, CA	+93%
Midland, MI	+86%
El Paso, TX	+84%
Merced, GA	+77%
Hinesville, GA	+73%
Logan, UT-ID	+63%
McAllen-Edinburg-Mission, TX	+62%
Atlantic City-Hammonton, NJ	+59%
Hanford-Corcoran, CA	+58%
Trenton, NJ	+56%
Modesto, CA	+53%
Brownsville-Hartingen, TX	+49%
Valdosta, GA	+48%
Salinas, CA	+45%
Topeka, KS	+42%
Columbus, GA-AL	+41%
Rockford, IL	+41%



MSAs with greatest vaccination claim reductions	Percent Decrease (2023 v 2019)
Lexington-Fayette, KY	-64%
Sioux Falls, SD	-63%
Parkersburg-Vienna, WV	-58%
Jefferson City, MO	-53%
Jonesboro, AR	-53%
Waterloo-Cedar Falls, IA	-52%
South Bend-Mishawaka, IN-MI	-50%
Charleston, WV	-47%
Fairbanks, AK	-47%
Elkhart-Goshen, IN	-46%
Champaign-Urbana, IL	-44%
Beckley, WV	-43%
Kingsport-Bristol-Bristol, TN-VA	-43%
Grand Forks, ND-MN	-42%
Springfield, OH	-42%
Tyler, TX	-40%
Chambersburg-Waynesboro, PA	-39%
Elmira, NY	-39%
Salem, OR	-38%
Anchorage, AK	-37%



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