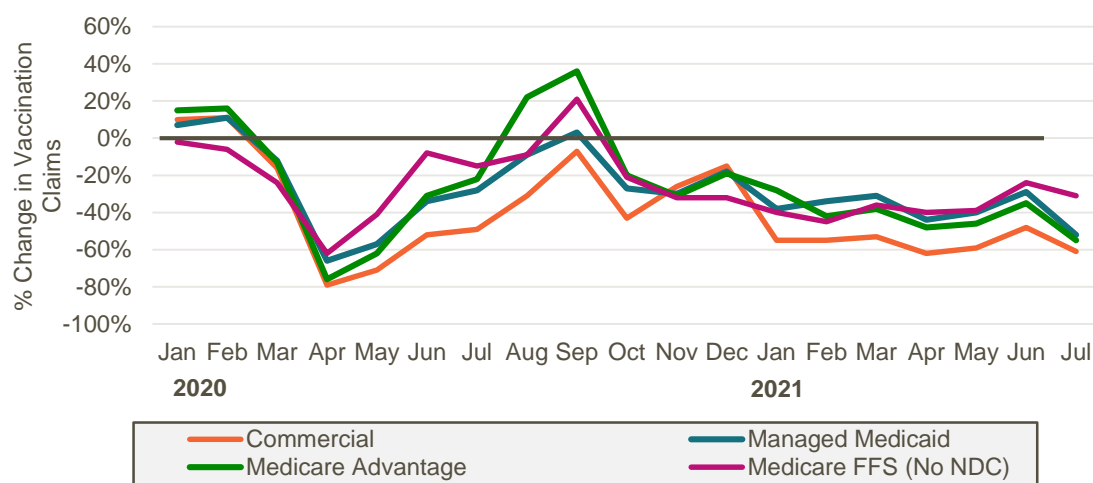


The COVID-19 Pandemic Contributed to a Decrease in Adult Vaccination Rates

Despite vaccination recommendations from the Advisory Committee on Immunization Practices (ACIP)¹ to the Centers for Disease Control and Prevention (CDC), the burden of some vaccine-preventable diseases (VPDs) in the United States (US) is high among adults.²

Adult immunizations **sharply declined during the COVID-19 pandemic**,³ increasing the risk for preventable diseases that might otherwise have been avoided by timely vaccination.

Changes in Claims for All ACIP-Recommended Adult Vaccines Across Markets, January 2020-July 2021 Compared with the Same Months in 2019^{3†}



Missed Doses of Adult Vaccinations Across these Payers

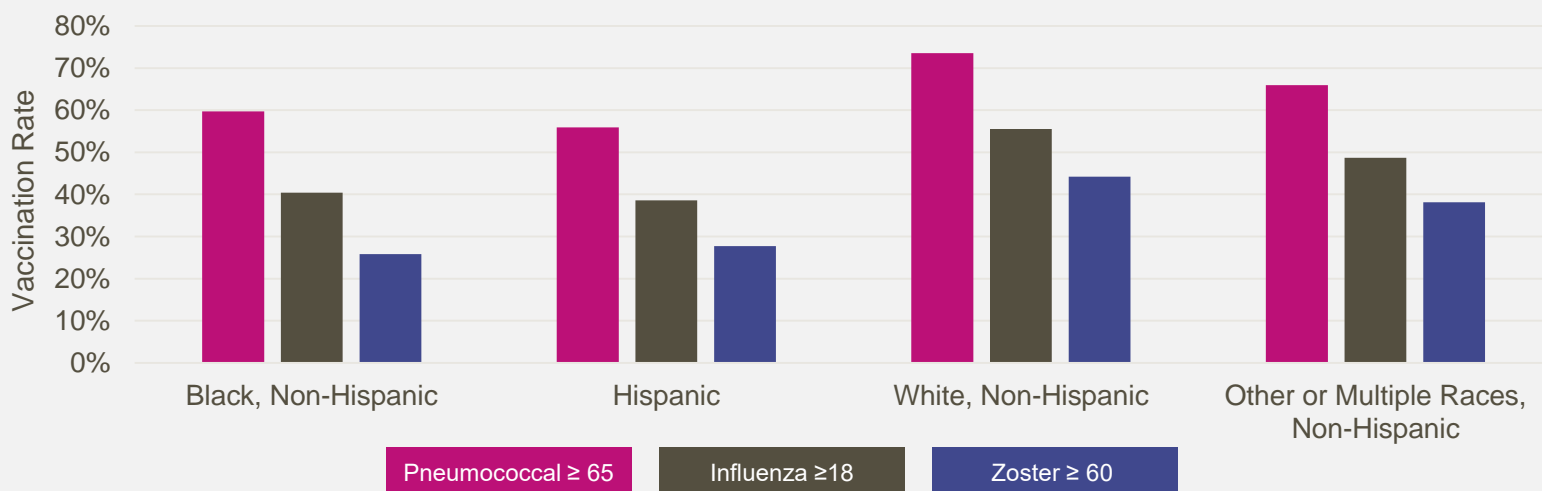
↓ 27 Million

*Avalere Health, an Inovalon company, used national enrollment data to extrapolate the difference between observed vaccine claims in various payer markets between corresponding months of 2019, 2020, and January-July 2021, in order to estimate nationally the potential number of missed doses in 2020 and 2021 compared with 2019. Analyses included claims data for adolescents 7-18 years of age and adults 19+ years of age from commercial, managed Medicaid, Medicare Advantage, and Medicare fee-for-service (FFS) payer markets.

† Data presented here for adults 19 years of age and older are adapted from the Avalere study. Funding for this research was provided by GSK. The research was not conducted by GSK. Avalere Health retained full editorial control.

According to 2020 CDC data,⁴ there were disparities in three adult vaccination rates from different age groups in the US—Black, Hispanic, and other or adults from multiple races had lower pneumococcal, influenza, and zoster vaccination rates than their white counterparts^{5,6}

US Adult Vaccination Coverage (%) by Vaccine Type, 2020^{5,6 §}



§ Td/Tdap is not reported because CDC data were not available for 2020. Flu data are from the 2020-2021 flu season.

HEDIS Adult Immunization Quality Measure Has the Potential to Improve Vaccination Rates

Quality measures can be used as a **tool to address suboptimal vaccination rates and persistent disparities in care**^{7,8}



Inclusion in HEDIS can help promote increases in immunization rates

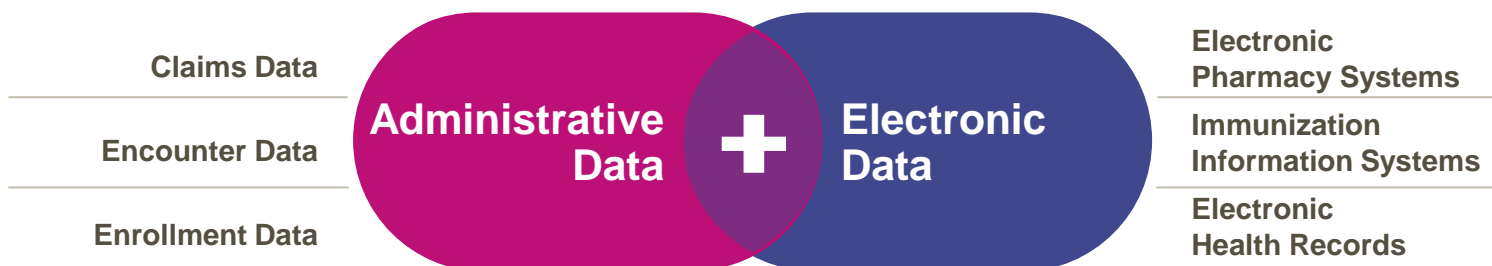


Adult Immunization Status (AIS)⁹

Age: 19+ years
Vaccines: Flu, Td or Tdap, Herpes Zoster, Pneumococcal

Electronic measure

Because the AIS measure is an **electronic measure**, it can help **capture vaccinations across multiple sources and settings**¹⁰



HEDIS Impact Example

The HEDIS *Adult Body Mass Index (BMI) Assessment* measure, which assesses the percentage of plan members who had their BMI documented, **increased 43.6%** over the last 10 years in commercial health maintenance organization plans since measure implementation in HEDIS.¹¹

HEDIS is a widely used performance improvement tool. **191 million** enrollees are covered by health plans that report HEDIS measures.¹²



THE TIME IS NOW!

You can help close the gap in immunizations

Assess patient status • Recommend and administer needed vaccines • Document vaccines received¹³

HEDIS = Healthcare Effectiveness Data and Information Set

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