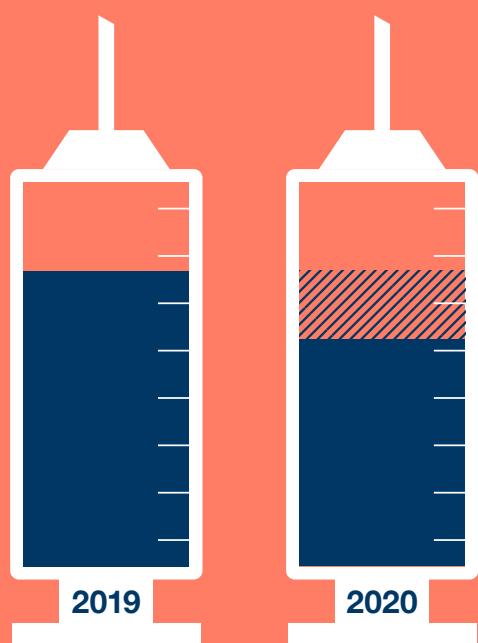


Pandemic Caused a Steep and Sustained Decline in Recommended Vaccinations for Adolescents & Adults

During the COVID-19 pandemic, adolescent and adult immunizations sharply declined, increasing the risk for preventable diseases, and further straining an overworked health care system.

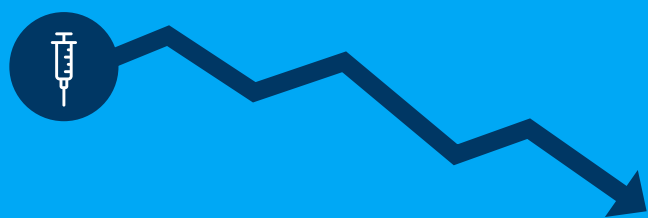
Adolescent: (7-18 years old)



▼ **26M**
estimated
vaccine doses
missed in 2020

*compared to 2019.

Avalere analysis of 2019-2020 Commercial, Managed Medicaid, and Medicare Advantage claims



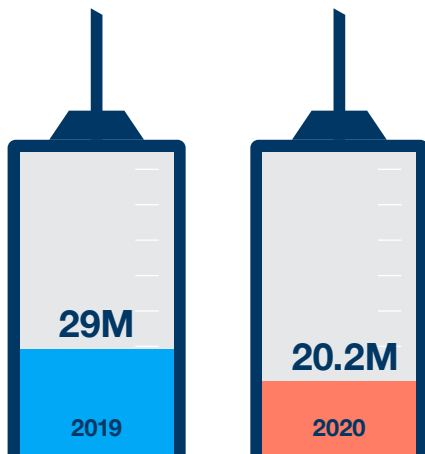
Total vaccinations for adolescents and adults
dropped 13-40%
across markets throughout 2020 compared to 2019.

VACCINES INCLUDED IN THE ANALYSIS:

Herpes Zoster (Shingles) | Varicella
Zoster (Chickenpox) | Tetanus,
Diphtheria, and Pertussis (Tdap) |
Pneumococcal | Measles, Mumps,
and Rubella (MMR) | Meningococcal B |
Meningococcal ACWY | Human
Papillomavirus (HPV) | Hepatitis B |
Hepatitis A | Haemophilus influenzae
(Hib) | Influenza

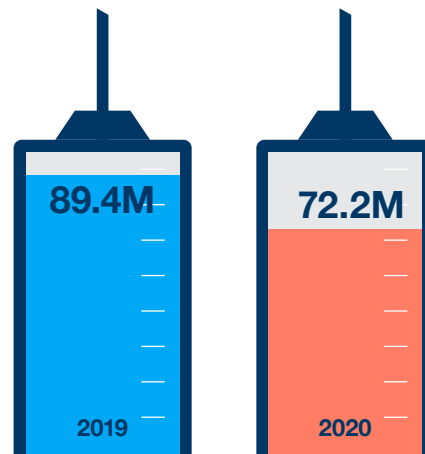
2019-2020 Vaccination Impact

MISSED DOSES IN ADOLESCENT VACCINATIONS



▼ **8.8 million**

MISSED DOSES IN ADULT VACCINATIONS

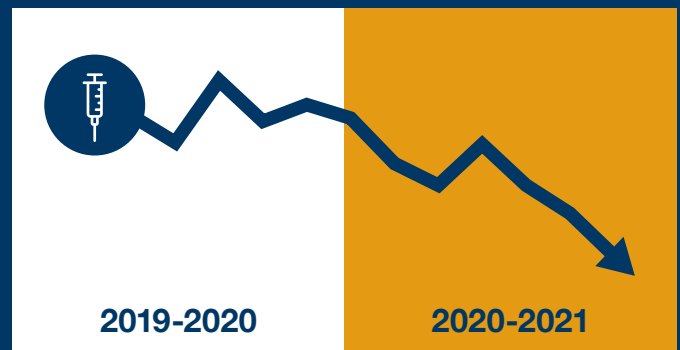


▼ **17.2 million**

Comparing Flu Seasons

Despite warnings of a potential “twindemic,” total influenza vaccinations dropped 14-35% in 2020 compared to 2019.

2020-21 influenza season vaccination claims from August - September exceeded the same months from the prior 2019-20 season; however, those surges levelled off by October 2020 and then fell in November 2020.



It's Time to Catch Up on Recommended Vaccines

It's critical that individuals catch up on all recommended vaccines to increase vaccination rates, protect public health and reduce the burden of disease on the health care system.

Sources

*Avalere Health, an Inovalon company, used national enrollment data to extrapolate the difference between observed vaccine claims between January-November 2019 and January-November 2020 to estimate the potential number of missed doses in 2020 on a national level.

Source: Avalere analysis of 2019-2020 Commercial, Managed Medicaid, and Medicare Advantage claims using the Inovalon MORE² Registry[®] and Medicare Fee-for-Service claims from a provider clearinghouse dataset maintained by Inovalon.

More information and full methodology available here: Avalere Health, “Updated Analysis Finds Sustained Drop in Routine Vaccines Through 2020,” June 9, 2021.

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