

IMMUNIZE. PREVENT WHAT'S PREVENTABLE

YOU'RE NEVER TOO OLD FOR VACCINES



THE
IMMUNIZATION
PARTNERSHIP

THE IMMUNIZATION PARTNERSHIP

Vision

A community protected from vaccine preventable diseases

Mission

To eradicate vaccine-preventable diseases by educating the community, advocating for evidence-based public policy, and supporting immunization best practices



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DISCLOSURE AND DISCLAIMER

- The speakers and planning committee have disclosed no conflicts of interest.
- This presentation is for educational use only and does not constitute medical or legal advice.



AGENDA

- Vaccine Overview
- Recommended Adult Vaccines
- Adult Health and the Importance of Vaccines
- Vaccine Equity
- Resources



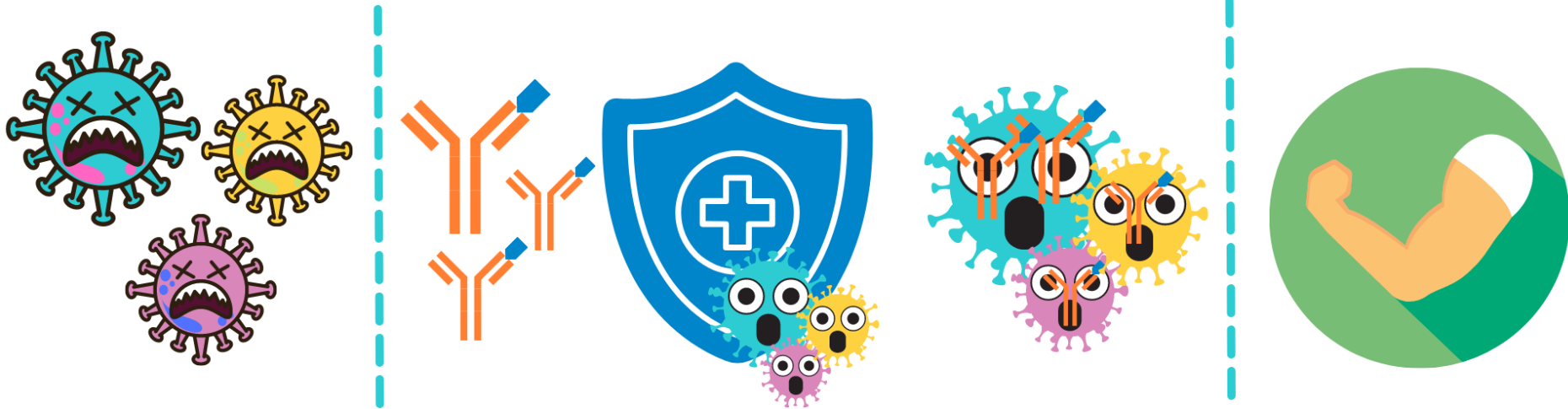
Getting vaccinated is a lifelong, life-protecting job.



VACCINE OVERVIEW



HOW VACCINES WORK



A weak or dead form of the disease is introduced

> This causes your immune system to develop antibodies that remember the disease if it ever enters your body

> The antibodies fight off the disease and you remain strong and healthy!



REASONS WE VACCINATE

To prevent disease, disability, and death

To stop diseases from spreading through a community

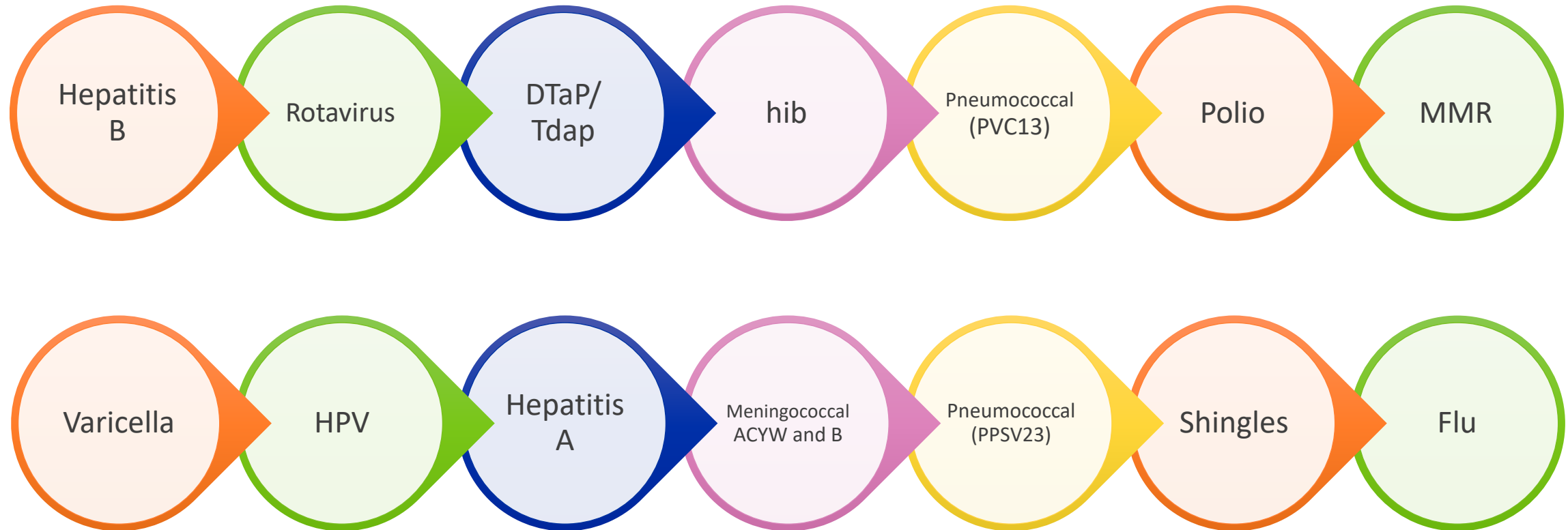
To keep people healthy

To help protect yourself

To protect those who cannot be vaccinated because of age, allergies, or medical conditions



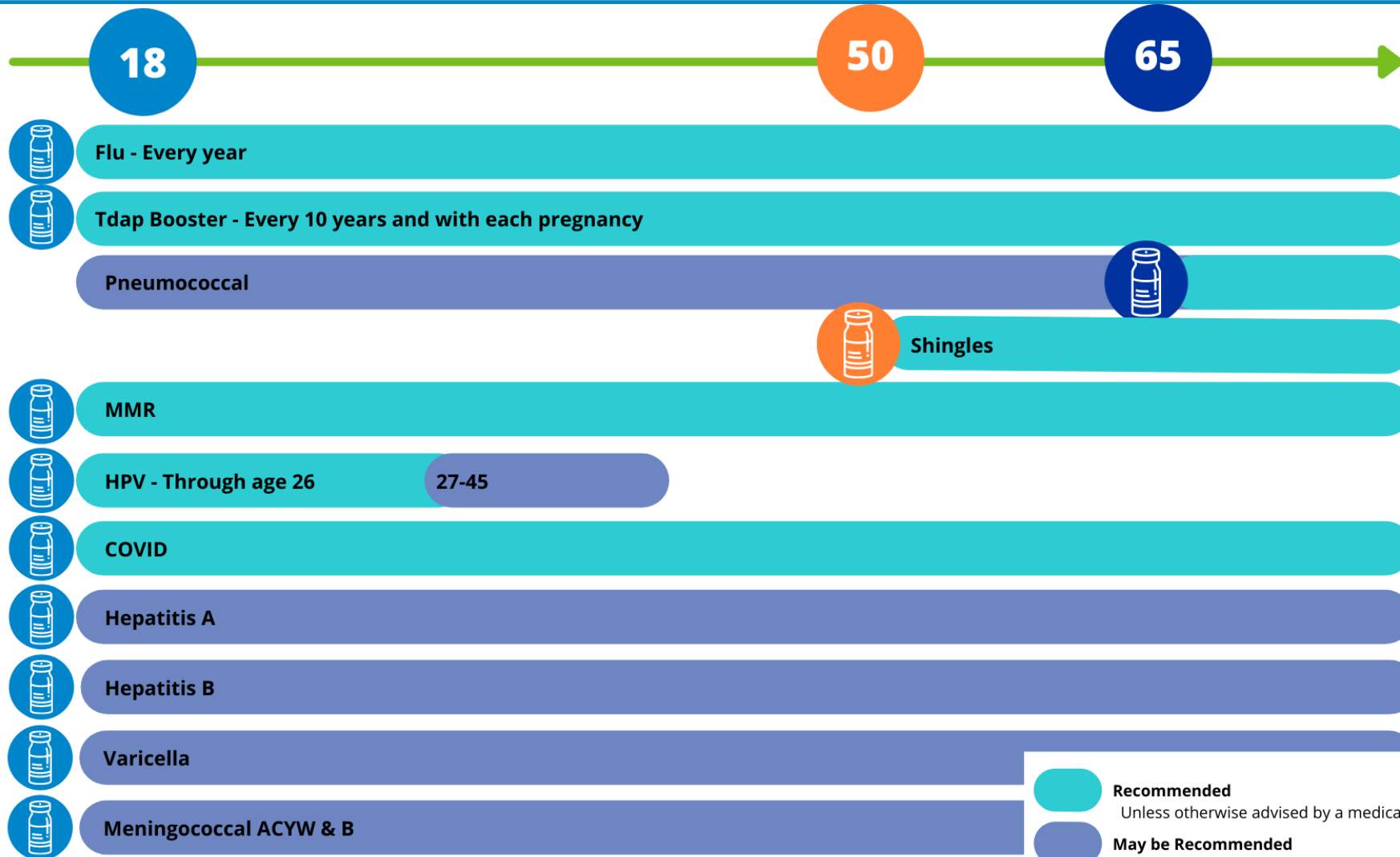
VACCINES ACROSS THE LIFESPAN





RECOMMENDED ADULT VACCINES



ADULT VACCINATIONS



 **Recommended**
Unless otherwise advised by a medical professional

 **May be Recommended**
Based on certain factors, such as health conditions

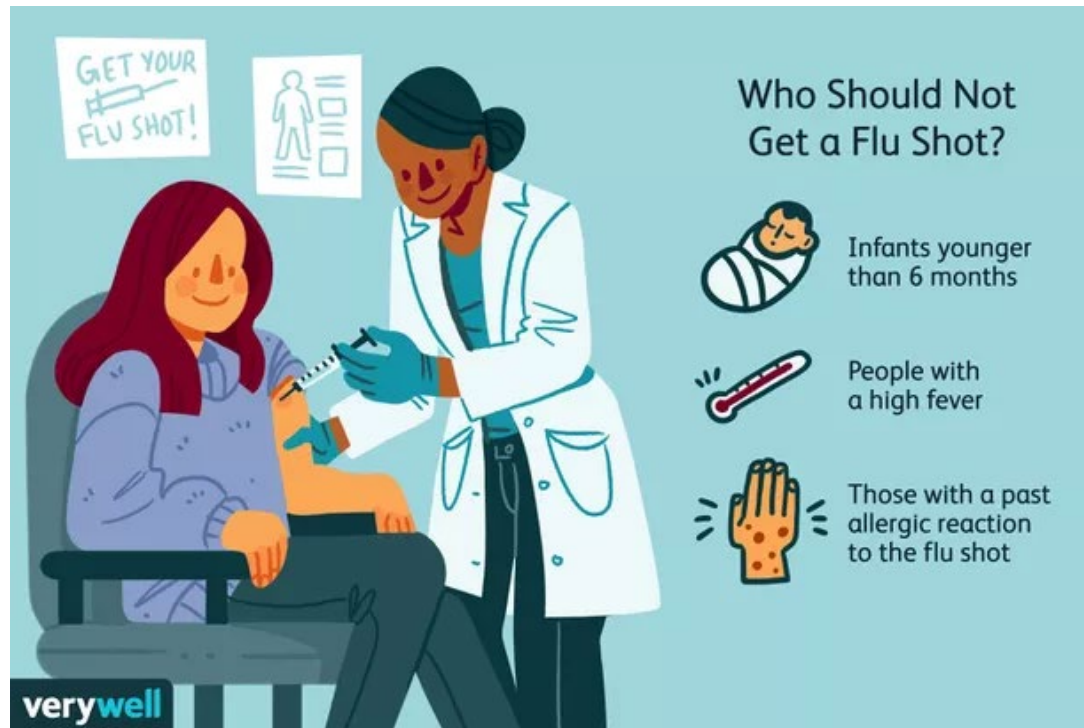


VACCINE BENEFITS

- Vaccination can be lifesaving
- Vaccination can lessen infection if you do get sick
- Vaccination can reduce risk of hospitalization
- Vaccination can have health benefits and reduce risk of heart attack or stroke
- Vaccination may also protect your loved ones around you



FLU VACCINE



- Yearly vaccination can keep you from getting sick with the flu
- Has been show to reduce illness in those who do get the flu
- Flu infection can worsen chronic medical conditions such as congestive heart failure, asthma and diabetes
- Vaccination is important for pregnant people to protect them during and after pregnancy



TDAP VACCINE

- Vaccination provides protection from 3 different diseases: Tetanus, Diphtheria and Pertussis (whooping cough)
- Pertussis can be deadly, especially in infants.
- Vaccination during pregnancy provides the baby protection until they are old enough to be vaccinated
- Having all people vaccinated around newborns creates a protective ring of immunity around the infant called cocooning.
- Can protect from tetanus in an accident or natural disaster



DTaP for young children	Tdap for preteens	Td or Tdap for adults
✓ 2, 4, and 6 months ✓ 15 through 18 months ✓ 4 through 6 years	✓ 11 through 12 years	✓ Every 10 years

www.cdc.gov/diphtheria




PNEUMOCOCCAL VACCINE

- Vaccines help protect against multiple strains of pneumonia
- Chance of severe infection is reduced by 75% with the vaccine
- 95% of deaths related to pneumonia are in older adults

Are you over the age of
65?

If your answer is yes, the CDC recommends
TWO Pneumonia vaccines:
Pneumovax[®]23 and **Prevnar 13[®]**



MMR VACCINE

- Vaccination provides protection from 3 different diseases: Measles, Mumps and Rubella
- Has been show to reduce illness in those who may get measles, mumps or rubella
- Getting the vaccine within 72 hours of initial exposure to measles may give some protection against the disease, or have milder illness

vaxopedia.org

Two Doses of MMR is the Best Protection Against Measles

before 1957 everyone had measles (check titer to be sure)

1963-1967 first measles vaccine (it didn't work)

1971 one dose of MMR routinely given

1990 - 2nd MMR dose added to schedule

Have you had two doses of MMR?

Get vaccinated before traveling!



HPV VACCINE

**WE CAN
ELIMINATE
HPV
RELATED CANCERS**

- Prevents genital warts, cervical, anal, oropharyngeal, penile, vulvar and vaginal cancers
- 80% of people will get HPV in their lifetime
- Black women are 80% more likely to die from cervical cancer than White women
- HPV vaccination can prevent over 90% of cancers caused by HPV



COVID VACCINE

- Available free for everyone 5 years and up
- Helps prevent serious or long-term complications of COVID
- Adults who were up to date on their COVID-19 vaccinations had 5x the protection against infection compared with adults who weren't vaccinated
- Can receive if pregnant or breastfeeding



SHINGLES VACCINE

patients:

50+
years old

doses:



2-6 months
apart

- 90% effective in preventing Shingles
- Can prevent the long-term nerve pain if you do get Shingles
- Vaccination can lower your risk of stroke in those who never had Shingles



HEPATITIS A

WHAT YOU SHOULD KNOW ABOUT HEPATITIS A

Hepatitis A is a virus that causes serious liver infection and can easily spread from person to person. This virus can make you sick for weeks to months.

HOW IS IT SPREAD?



WHAT ARE THE SYMPTOMS?



If you think you have hepatitis A, contact your medical provider.

HOW CAN YOU PREVENT IT?



- Virus spreads through contaminated food and water, so you can come in contact with it anywhere
- Vaccination provides long-term protection



HEPATITIS B VACCINE

- Protects against liver cancer
- Hepatitis B is sometimes referred to as the “silent epidemic”
- Most people who are infected do not experience any symptoms
- Vaccination helps protect from infection




VARICELLA (CHICKENPOX) VACCINE

CHICKENPOX

CHICKENPOX CAN BE
SERIOUS
IN HEALTHY BABIES, ADULTS,
AND PEOPLE WITH WEAKENED
IMMUNE SYSTEMS.

ABOUT
9 OUT OF 10
CHILDREN WHO GET 2 DOSES
OF THE VACCINE
WILL BE COMPLETELY
PROTECTED
FROM CHICKENPOX.

 *Protect your children by getting them vaccinated
against chickenpox, by 2 years old.*
www.cdc.gov/vaccines/parents

- Chickenpox cause serious complications for teens and adults like skin infections, joint inflammation, and encephalitis
- 70% - 90% of people who get vaccinated will be completely immune to chickenpox
- Chickenpox causes Shingles



MENINGOCOCCAL VACCINE

- There are 2 types of meningococcal vaccines used in the US:
 - Meningococcal conjugate or MenACWY vaccines
 - Serogroup B meningococcal or MenB vaccines
- Can lessen infection and prevent disabilities and death

3 serogroups cause most meningococcal disease:



2 vaccines provide protection:

MenACWY

MenB

Talk to a doctor about what vaccines are best for you or your child.



ADULT HEALTH AND THE IMPORTANCE OF VACCINES

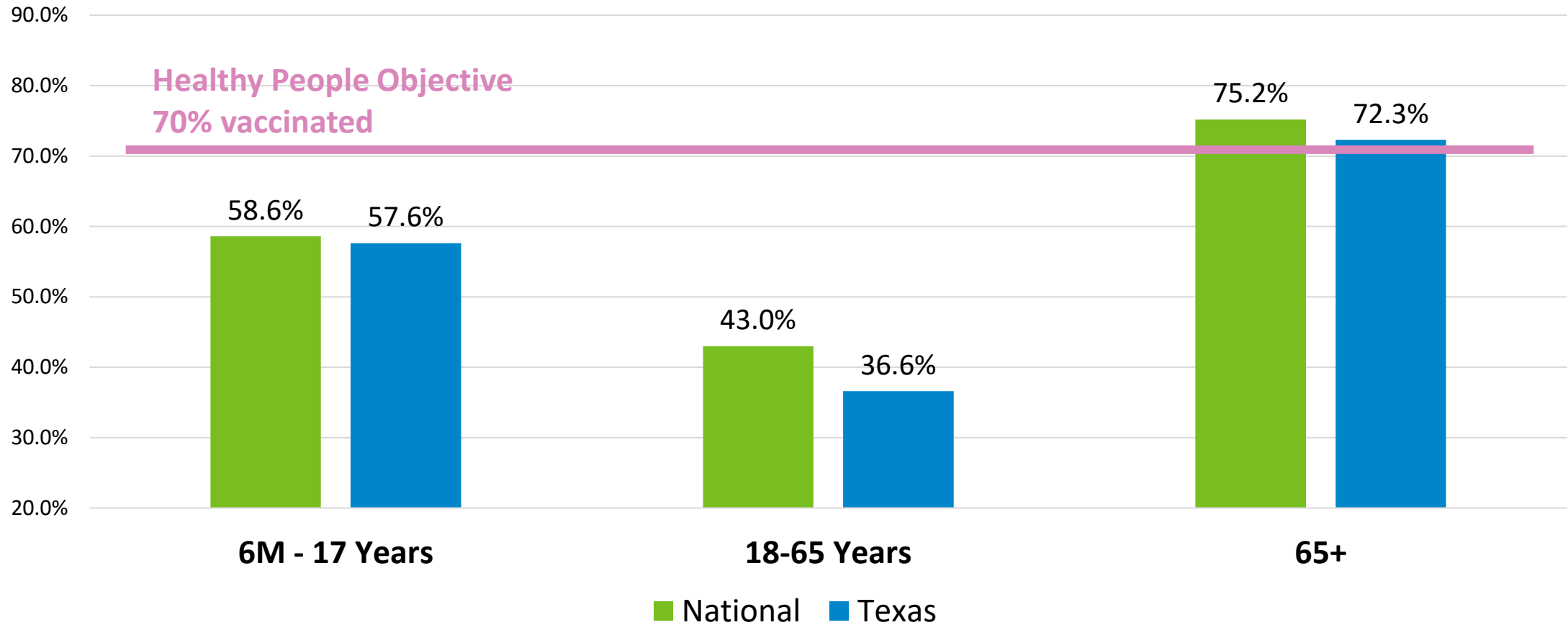


WHERE DOES TEXAS RANK?

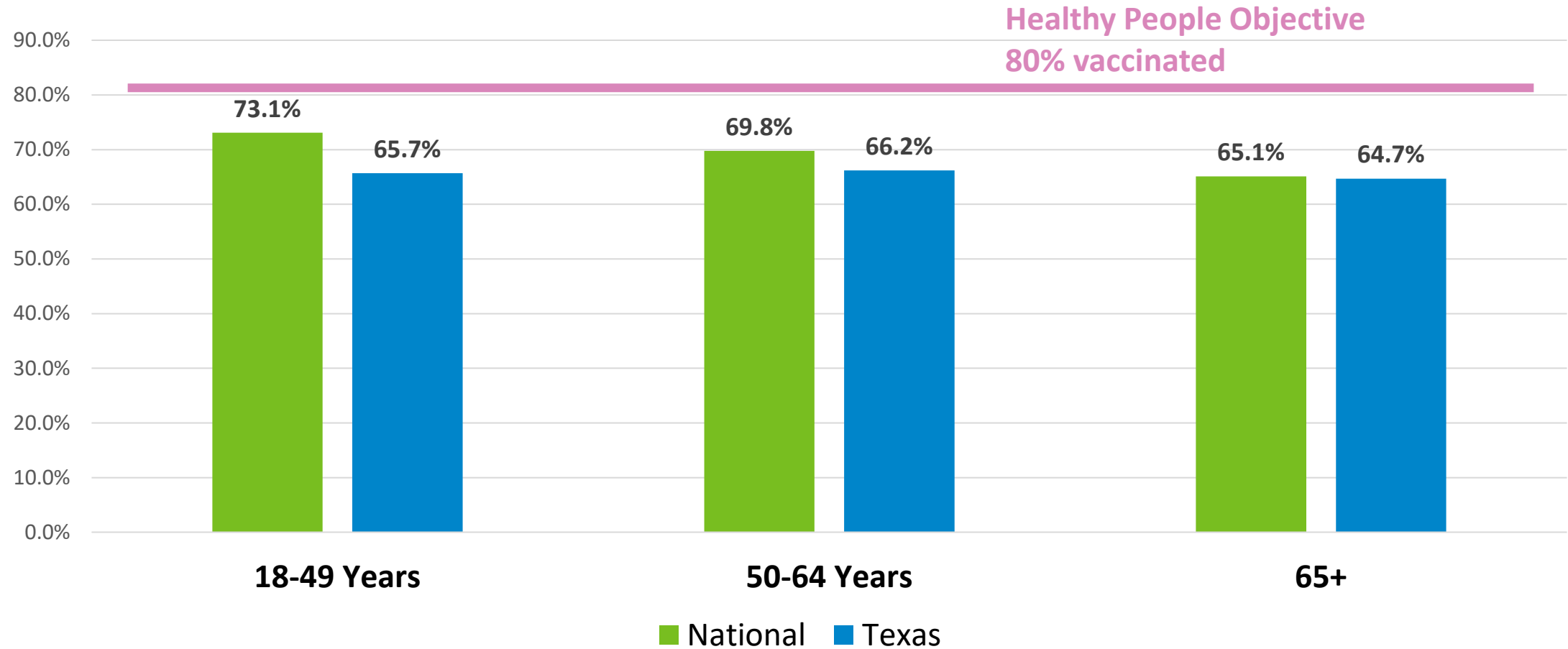
	Ranking
Childhood and Adolescent Immunizations	45 th
Adult and Elderly Immunizations	42 nd
Overall Coverage	49 th
Usage of the Immunization Information System (ImmTrac)	47 th
Insurance Coverage for Civilian Population	51 st



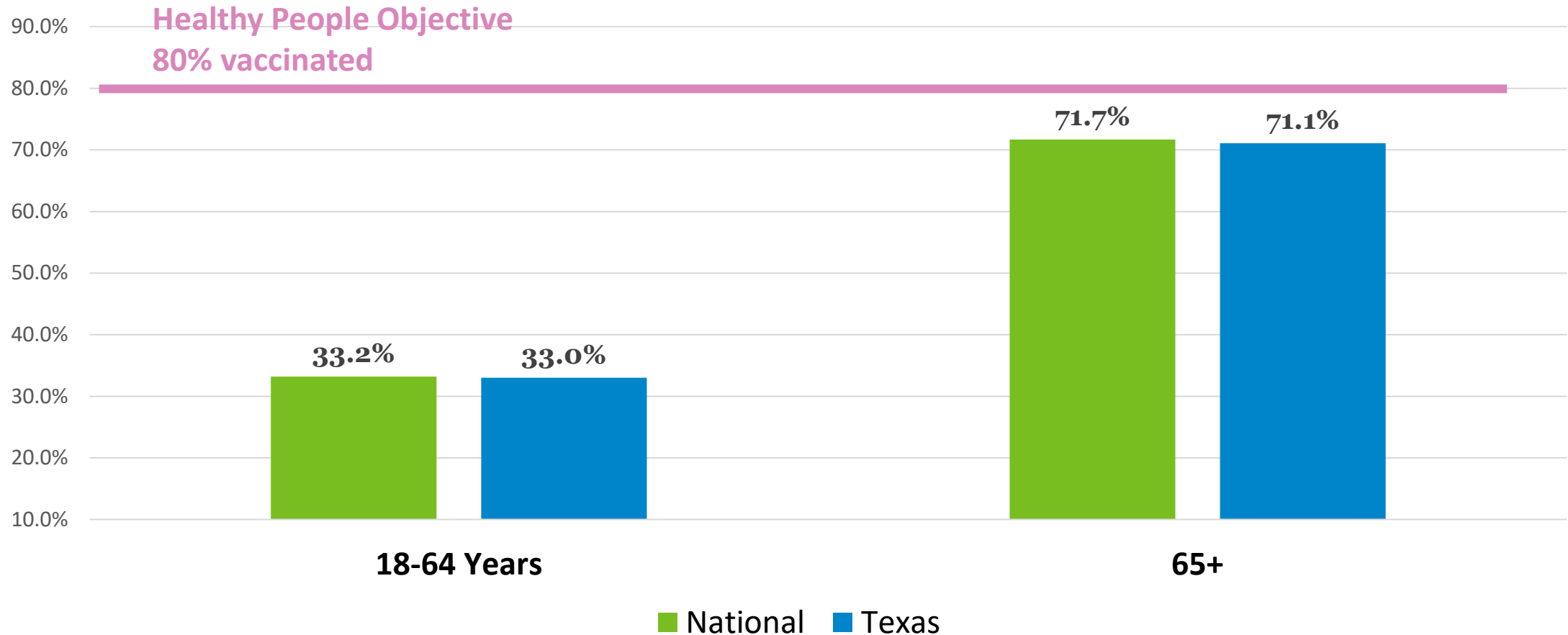
2020-2021 END OF SEASON FLU COVERAGE



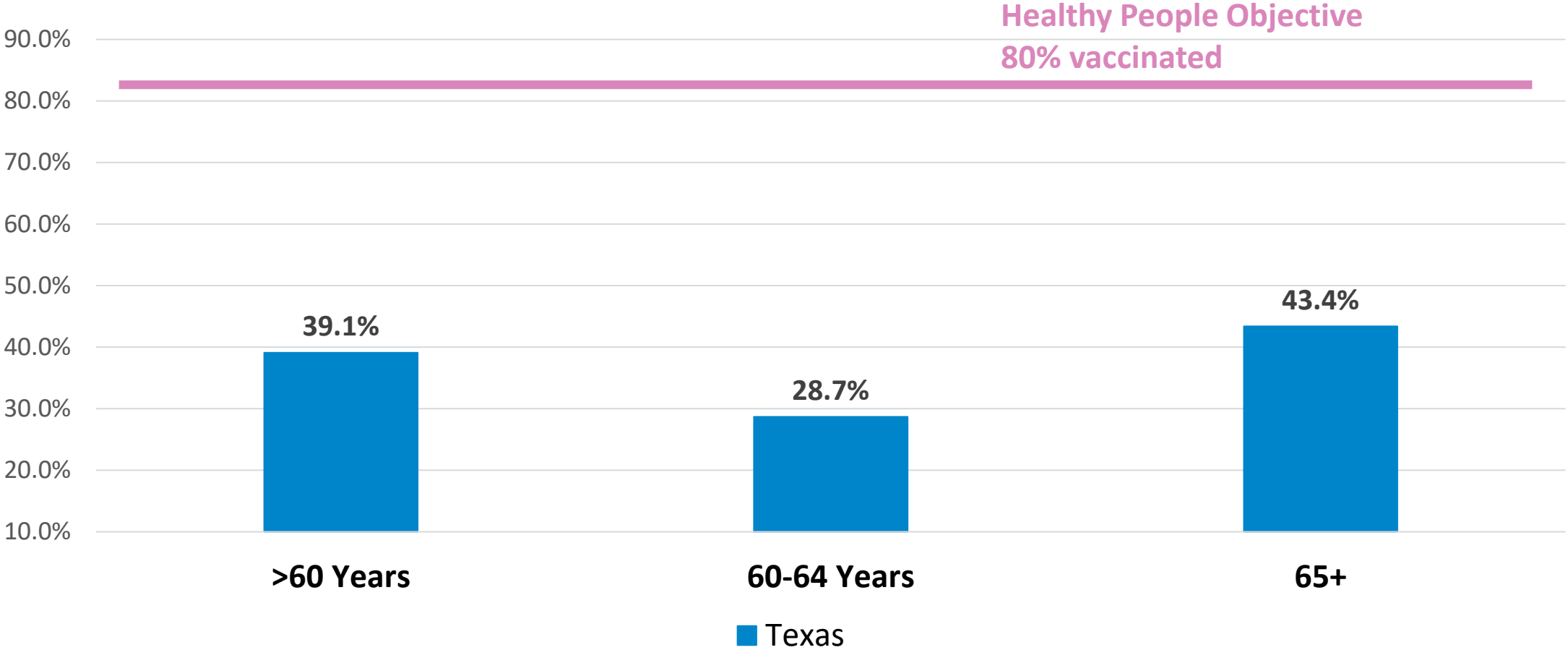
Td OR Tdap Vaccination Coverage: National v Texas – Adult 2019



PNEUMOCOCCAL VACCINATION COVERAGE: NATIONAL V TEXAS - ADULTS 2019



ZOSTER VACCINATION COVERAGE: TEXAS ADULTS 2019



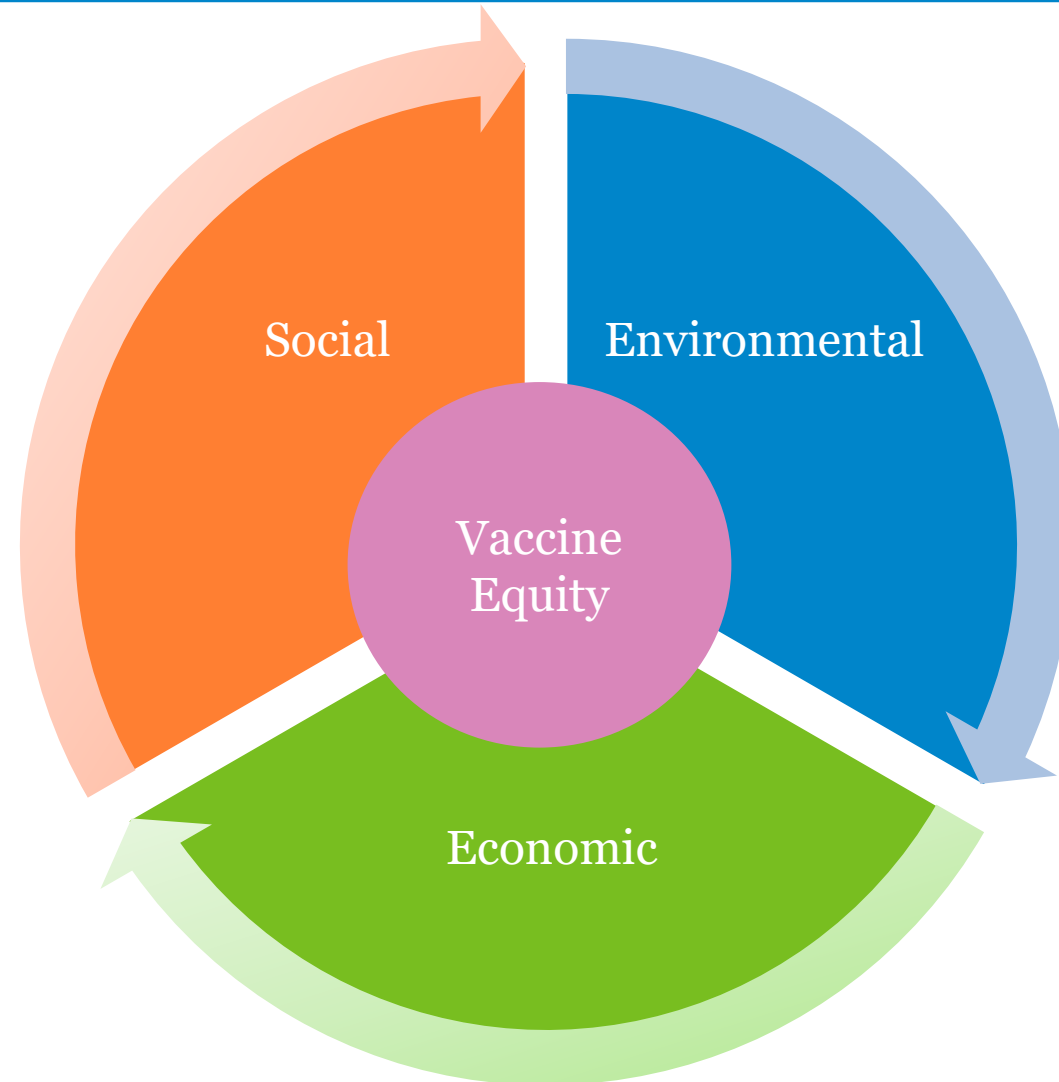
Source: Teen VaxView Oct 27, 2021), <https://www.cdc.gov/vaccines/imz-managers/coverage/teenvaxview/data-reports/index.html>



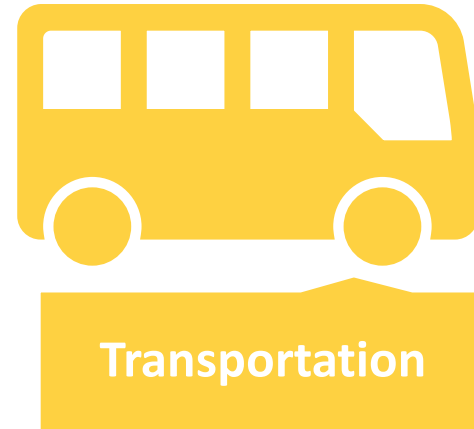
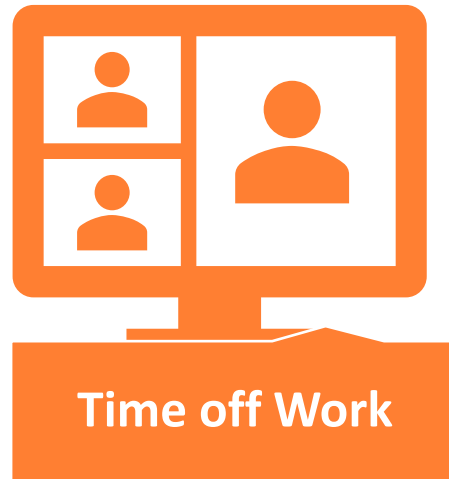
VACCINE EQUITY



VACCINE EQUITY



VACCINE BARRIERS



ADULT SAFETY NETWORK

- The Adult Safety Net (ASN) Program supplies publicly-purchased vaccine at no cost to enrolled providers
- Anyone who is 19 years of age or older and does not have health insurance is eligible to receive low-cost vaccines
- The following vaccines are currently offered through the Adult Safety Net program:

Hepatitis A vaccine	Pneumococcal polysaccharide vaccine (PPSV23)
Hepatitis B vaccine	Pneumococcal conjugate vaccine (PCV13)
Combination hepatitis A-hepatitis B vaccine	Tetanus, diphtheria, & pertussis (Tdap) vaccine
Human papillomavirus (HPV) vaccine	Tetanus-diphtheria (Td) vaccine
Measles, mumps, & rubella (MMR) vaccine	Varicella vaccine
Meningococcal vaccine	Zoster vaccine



RESOURCES



CDC Vaccine Schedules:

1. <https://www.cdc.gov/vaccines/schedules/>

Flu:

1. [https://www.cdc.gov/flu/prevent/keyfacts.htm#:~:text=CDC%20recommends%20use%20of%20any,attenuated%20influenza%20vaccine%20\(LAIV4\).](https://www.cdc.gov/flu/prevent/keyfacts.htm#:~:text=CDC%20recommends%20use%20of%20any,attenuated%20influenza%20vaccine%20(LAIV4).)
2. <https://www.cdc.gov/flu/prevent/different-flu-vaccines.htm>

Tdap:

1. <https://www.cdc.gov/vaccines/hcp/vis/vis-statements/tdap.html>
2. <https://www.cdc.gov/tetanus/index.html#:~:text=Tetanus%20is%20an%20infection%20caused,open%20the%20mouth%20or%20swallow.>
3. <https://www.cdc.gov/diphtheria/index.html#:~:text=Diphtheria%20is%20a%20serious%20infection,About>

Pneumococcal:

1. <https://www.cdc.gov/vaccines/vpd/pneumo/public/index.html>



Shingles:

1. <https://www.cdc.gov/shingles/multimedia/shingles-factsheet-hcp.html#:~:text=Shingrix%20provides%20strong%20protection%20against,that%20you%20get%20this%20vaccine.>
2. <https://www.cdc.gov/vaccines/vpd/shingles/public/shingrix/index.html>
3. <https://www.clevelandheartlab.com/blog/the-unexpected-heart-benefit-of-getting-the-shingles-shot/>

MMR:

1. <https://www.cdc.gov/vaccines/vpd/mmr/public/index.html#:~:text=MMR%20vaccine%20is%20very%20effective,life%20against%20measles%20and%20rubella.>
2. <https://vaxopedia.org/2019/04/26/do-you-need-another-dose-of-the-mmr-vaccine/>

Hepatitis A:

1. <https://www.healthline.com/health/hepatitis-a-vaccine-side-effects#benefits>



Hepatitis B:

1. <https://www.hepb.org/prevention-and-diagnosis/vaccination/>
2. <https://www.chop.edu/centers-programs/vaccine-education-center/vaccine-details/vaccine-hepatitis-b-vaccine>
3. <https://www.hepb.org/prevention-and-diagnosis/vaccination/vaccine-non-responders/#:~:text=Although%20the%20majority%20of%20persons,smoking%2C%20and%20other%20chronic%20illness.>

Meningococcal:

1. <https://www.cdc.gov/vaccines/vpd/mening/public/index.html>

CDCs Partnering for Vaccine Equity:

1. <https://www.cdc.gov/vaccines/health-equity/index.html#:~:text=Equity%20in%20Adult%20Vaccination&text=The%20program%20aims%20to%20increase,and%20access%20in%20their%20communities.>

Texas Adult Safety Network:

1. <https://www.dshs.texas.gov/immunize/ASN/>



THANK YOU!

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