

Infectious Respiratory Disease Immunization Timeline

BABIES AND YOUNG CHILDREN (AGES 2 MONTHS–6 YEARS)

The best protection against many infectious respiratory illnesses is immunization. The Centers for Disease Control and Prevention (CDC) recommends immunizations to provide protection, build our immune response, and limit the severity, spread, and widespread threat of disease. For more information on the different types of immunizations available and recommended for use, see [here](#).

		>1 YEAR	1-2 YEARS OLD	3-4 YEARS OLD	5-6 YEARS OLD
PERTUSSIS (WHOOPING COUGH)¹	To protect against pertussis, children younger than age 7 receive the DTaP vaccines. This is a five-dose combination vaccine series with recommended administration at:	<ul style="list-style-type: none"> ▶ 2 months ▶ 4 months ▶ 6 months 	<ul style="list-style-type: none"> ▶ Anytime 15 through 18 months 		<ul style="list-style-type: none"> ▶ Anytime 4 through 6 years
PNEUMOCOCCAL DISEASE²	For all children younger than age 5, the recommended pneumococcal vaccine series is four doses administered at:	<ul style="list-style-type: none"> ▶ 2 months ▶ 4 months ▶ 6 months 	<ul style="list-style-type: none"> ▶ Anytime 12 through 15 months 		
RESPIRATORY SYNCYTIAL VIRUS (RSV)³	<p>To protect against RSV, a monoclonal antibody (nirsevimab) is recommended if:</p> <ul style="list-style-type: none"> • The mother did not receive the RSV vaccine during pregnancy • The mother’s RSV vaccination status is unknown • The infant was born within 14 days of maternal RSV vaccination <p>Infants and young children who are at increased risk for severe RSV, include:</p> <ul style="list-style-type: none"> • Children who were born prematurely and have chronic lung disease • Children who are severely immunocompromised • Children with cystic fibrosis who have severe disease • American Indian and Alaska Native children 	<ul style="list-style-type: none"> ▶ Infants younger than 8 months who are born during or who will experience their first RSV season (October–March) 			
INFLUENZA (FLU)⁴	Everyone ages 6 months and older should get a flu vaccine every year, starting in the fall. Some children ages 6 months–8 years may need two doses for best protection.		<ul style="list-style-type: none"> ▶ 1-2 doses of the flu vaccine, annually. 		
COVID-19⁵	Children ages 6 months–4 years may need multiple doses of the COVID-19 vaccine to be considered up to date.		<ul style="list-style-type: none"> ▶ Children ages 6 months–4 years who have not been previously vaccinated should get two or three doses of the latest COVID-19 vaccine, depending on which vaccine they receive. 		<ul style="list-style-type: none"> ▶ Everyone ages 5 years and older, including those who haven’t been previously vaccinated, should get one dose of the latest COVID-19 vaccine.



1. <https://www.cdc.gov/vaccines/vpd/dtap-tdap-td/hcp/administering-vaccine.html> 2. <https://www.cdc.gov/vaccines/vpd/pneumo/public/index.html> 3. <https://www.cdc.gov/vaccines/vpd/rsv/public/child.html> 4. <https://www.cdc.gov/vaccines/parents/diseases/flu.html> 5. <https://www.cdc.gov/covid/vaccines/stay-up-to-date.html>

Infectious Respiratory Disease Immunization Timeline

CHILDREN AND ADOLESCENTS (AGES 6–17)

The best protection against many infectious respiratory illnesses is immunization. The Centers for Disease Control and Prevention (CDC) recommends immunizations to provide protection, build our immune response, and limit the severity, spread, and widespread threat of disease. For more information on the different types of immunizations available and recommended for use, see [here](#).

PERTUSSIS (WHOOPIING COUGH)¹

CDC recommends one dose of the combination Tdap vaccine for all adolescents.

- The recommended age for Tdap vaccine administration in adolescents is 11–12 years.
- If adolescents (13–18 years) missed getting the Tdap vaccine at ages 11–12 years, they should get one the next time they visit their provider.

PNEUMOCOCCAL DISEASE²

For healthy adolescents, pneumococcal vaccination is not necessary.

If your child is immunocompromised, talk to their provider about whether your child may need more pneumococcal vaccines.

If your child has never received a pneumococcal vaccine, talk to their provider about their options for vaccination.

RESPIRATORY SYNCYTIAL VIRUS (RSV)³

RSV vaccination is not recommended for adolescents.

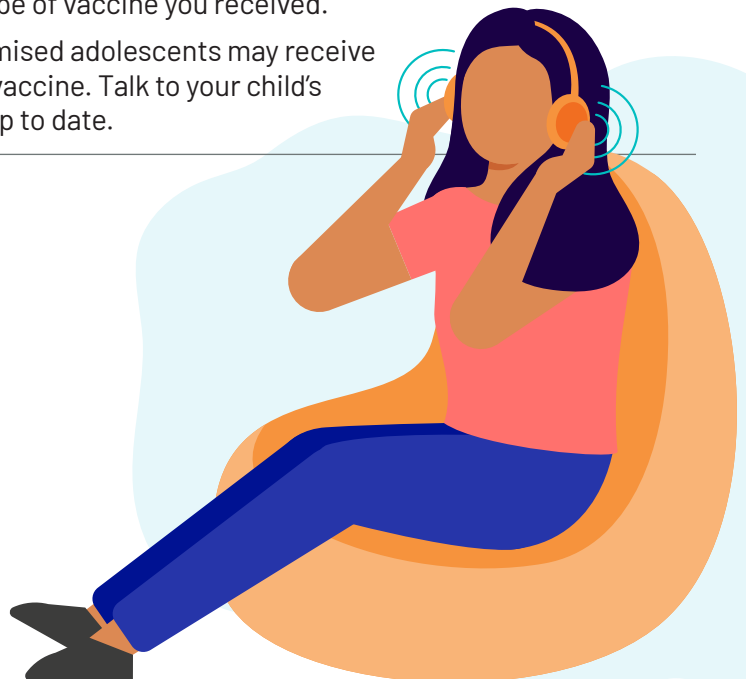
INFLUENZA (FLU)⁴

Everyone ages 6 months and older should get a flu vaccine every year, starting in the fall.

COVID-19⁵

Everyone ages 5 years and older, including those who haven't been previously vaccinated, should get one dose of the latest COVID-19 vaccine. The number of doses may vary depending on individual vaccination history and the type of vaccine you received.

Moderately or severely immunocompromised adolescents may receive additional doses of the latest COVID-19 vaccine. Talk to your child's healthcare provider to ensure they are up to date.



Infectious Respiratory Disease Immunization Timeline

ADULTS (AGES 18-60)

The best protection against many infectious respiratory illnesses is immunization. The Centers for Disease Control and Prevention (CDC) recommends immunizations to provide protection, build our immune response, and limit the severity, spread, and widespread threat of disease. For more information on the different types of immunizations available and recommended for use, see [here](#).

For adults who are pregnant or immunocompromised, see [here](#) for additional guidance and recommendations.

PERTUSSIS (WHOOPIING COUGH)¹	Adults who have never been vaccinated against pertussis should receive a single dose of the Tdap vaccine. After receipt of the Tdap vaccine, adults should continue to receive the Td or Tdap vaccines for routine booster vaccination every 10 years.
PNEUMOCOCCAL DISEASE²	For healthy adults ages 19 years and older, pneumococcal vaccination is not necessary.
RESPIRATORY SYNCYTIAL VIRUS (RSV)³	RSV vaccination is not recommended for adults younger than age 60.
INFLUENZA (FLU)⁴	Everyone ages 6 months and older should get a flu vaccine every year, starting in the fall.
COVID-19⁵	Everyone ages 5 years and older, including those who haven't been previously vaccinated, should get one dose of the latest COVID-19 vaccine. The number of doses may vary depending on individual vaccination history and the type of vaccine you received.



Infectious Respiratory Disease Immunization Timeline

OLDER ADULTS (AGE 60+)

The best protection against many infectious respiratory illnesses is immunization. The Centers for Disease Control and Prevention (CDC) recommends immunizations to provide protection, build our immune response, and limit the severity, spread, and widespread threat of disease. For more information on the different types of immunizations available and recommended for use, see [here](#).

PERTUSSIS (WHOOPING COUGH)¹	Adults who have never been vaccinated against pertussis should receive a single dose of the Tdap vaccine. After receipt of the Tdap vaccine, adults should continue to receive the Td or Tdap vaccines for routine booster vaccination every 10 years.																							
PNEUMOCOCCAL DISEASE²	<p>Adults ages 65 and older are at higher risk for serious illness and death from pneumococcal disease. Pneumococcal vaccine recommendations for adults 65 and older are based on the individual's immunization history:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #D9E1F2;">VACCINE HISTORY</th> <th colspan="2" style="background-color: #D9E1F2;">VACCINE RECOMMENDATION</th> </tr> </thead> <tbody> <tr> <td style="background-color: #D9E1F2;">Never received a pneumococcal vaccine</td> <td style="background-color: #D9E1F2;">PCV15 followed by PPSV23 at least 1 year after</td> <td style="background-color: #D9E1F2; text-align: center;">or</td> <td style="background-color: #D9E1F2;">PCV20 or PCV21</td> </tr> <tr> <td style="background-color: #D9E1F2;">Received PPSV23</td> <td style="background-color: #D9E1F2;">PCV15 at least 1 year after</td> <td style="background-color: #D9E1F2; text-align: center;">or</td> <td style="background-color: #D9E1F2;">PCV20 or PCV21 at least 1 year after</td> </tr> <tr> <td style="background-color: #D9E1F2;">Received PCV13 only</td> <td style="background-color: #D9E1F2;">PPSV23 at least 1 year after</td> <td style="background-color: #D9E1F2; text-align: center;">or</td> <td style="background-color: #D9E1F2;">PCV20 or PCV21 at least 5 years after</td> </tr> <tr> <td style="background-color: #D9E1F2;">Received PCV13 at any age and PPSV23 at <65 years</td> <td style="background-color: #D9E1F2;">PPSV23 at least 5 years after</td> <td style="background-color: #D9E1F2; text-align: center;">or</td> <td style="background-color: #D9E1F2;">PCV20 or PCV21 at least 5 years after</td> </tr> <tr> <td style="background-color: #D9E1F2;">Received PCV13 at any age and PPSV23 at ≥65 years</td> <td colspan="3" style="background-color: #D9E1F2; text-align: center;">PCV20 or PCV21 at least 5 years after</td> </tr> </tbody> </table> <p>Vaccine options and timing may vary depending on an individual's vaccination history. Talk to your provider about your vaccination history to determine your best options for vaccination.</p>	VACCINE HISTORY	VACCINE RECOMMENDATION		Never received a pneumococcal vaccine	PCV15 followed by PPSV23 at least 1 year after	or	PCV20 or PCV21	Received PPSV23	PCV15 at least 1 year after	or	PCV20 or PCV21 at least 1 year after	Received PCV13 only	PPSV23 at least 1 year after	or	PCV20 or PCV21 at least 5 years after	Received PCV13 at any age and PPSV23 at <65 years	PPSV23 at least 5 years after	or	PCV20 or PCV21 at least 5 years after	Received PCV13 at any age and PPSV23 at ≥65 years	PCV20 or PCV21 at least 5 years after		
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RESPIRATORY SYNCYTIAL VIRUS (RSV)³	<p>Adults ages 75 and older should receive a single dose of the RSV vaccine.</p> <p>Adults 60-74 years who are increased risk for severe RSV disease should receive a single dose of RSV vaccine. This includes individuals with certain chronic medical conditions, those with moderate or severe immune compromise, and persons living in nursing homes, among other risk factors.</p>																							
INFLUENZA (FLU)⁴	<p>Everyone ages 6 months and older should get a flu vaccine every year, starting in the fall.</p> <p>Adults ages 65 years and older should receive a higher-dose flu vaccine or an adjuvanted flu vaccine (one with an additional ingredient called an adjuvant that helps create a stronger immune response), which are more effective for people in this age group.</p>																							
COVID-19⁵	<p>Everyone ages 5 years and older, including those who haven't been previously vaccinated, should get one dose of the latest COVID-19 vaccine. The number of doses may vary depending on individual vaccination history and the type of vaccine you received.</p>																							



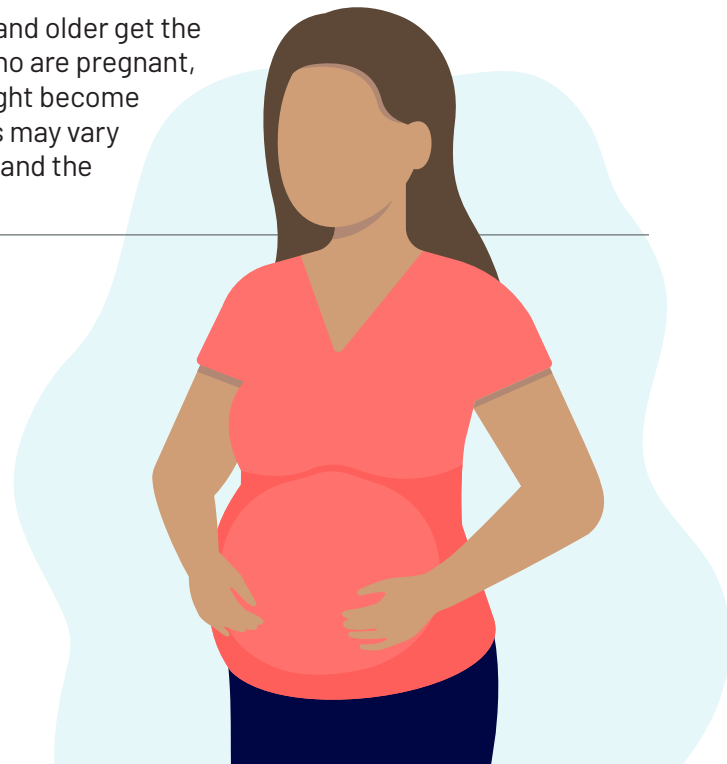
Infectious Respiratory Disease Immunization Timeline

VACCINE CONSIDERATIONS FOR SPECIAL ADULT POPULATIONS:

PREGNANT ADULTS

The best protection against many infectious respiratory illnesses is immunization. The Centers for Disease Control and Prevention (CDC) recommends immunizations to provide protection, build our immune response, and limit the severity, spread, and widespread threat of disease. For more information on the different types of immunizations available and recommended for use, see [here](#).

PERTUSSIS (WHOOPING COUGH)¹	Pregnant adults should receive the Tdap vaccine during the third trimester (27th through 36th week) of each pregnancy.
PNEUMOCOCCAL DISEASE²	There are no official recommendations for the pneumococcal vaccine for pregnant adults. Talk to your provider about your vaccination history and risk factors to determine your options for vaccination.
RESPIRATORY SYNCYTIAL VIRUS (RSV)³	<p>Pregnant adults who are 32 through 36 weeks pregnant during RSV season (September–January) should receive one dose of the maternal RSV vaccine.</p> <p>Babies born to birthing parents who get the RSV vaccine at least 2 weeks before delivery will have protection and do not need an RSV immunization. For more information on babies and young children, see here.</p>
INFLUENZA (FLU)⁴	<p>Pregnant adults should receive their annual flu vaccine if they are pregnant during flu season, usually starting in the fall.</p> <p>Pregnant adults should not receive the nasal spray flu vaccine.</p>
COVID-19⁵	CDC recommends everyone ages 6 months and older get the latest COVID-19 vaccine—including adults who are pregnant, breastfeeding, trying to get pregnant, or might become pregnant in the future. The number of doses may vary depending on individual vaccination history and the type of vaccine you received.



Infectious Respiratory Disease Immunization Timeline

VACCINE CONSIDERATIONS FOR SPECIAL ADULT POPULATIONS:

IMMUNOCOMPROMISED ADULTS

The best protection against many infectious respiratory illnesses is immunization. The Centers for Disease Control and Prevention (CDC) recommends immunizations to provide protection, build our immune response, and limit the severity, spread, and widespread threat of disease. For more information on the different types of immunizations available and recommended for use, see [here](#).

PERTUSSIS (WHOOPING COUGH)¹

Pertussis vaccination recommendations for immunocompromised adults are consistent with the general population guidelines.

Adults who have never been vaccinated against pertussis should receive a single dose of the Tdap vaccine. After receipt of the Tdap vaccine, adults should continue to receive the Td or Tdap vaccines for routine booster vaccination every 10 years.

PNEUMOCOCCAL DISEASE²

Immunocompromised adults are at higher risk for serious illness and death from pneumococcal disease.

Those who are immunocompromised or have other risk factors may need additional pneumococcal vaccines to provide protection against disease:

VACCINE HISTORY	VACCINE RECOMMENDATION	
Never received a pneumococcal vaccine	PCV15 followed by PPSV23 at least 8 weeks after	or PCV20 or PCV21
Received PPSV23 only	PCV15 at least 1 year after	or PCV20 or PCV21 at least 1 year after
Received PCV13 only	1 dose of PPSV23 at least 8 weeks after; Followed by 1 dose of PPSV23 at least 5 years after	or PCV20 or PCV21 at least 1 year after
Received PCV13 and 1 dose of PPSV23	PPSV23 at least 5 years after	or PCV20 or PCV21 at least 5 years after
Received PCV13 and 2 doses of PPSV23	PCV20 or PCV21 at least 5 years after	

Vaccine options and timing may vary depending on an individual's immunocompromising condition and vaccination history. Talk to your provider about your vaccination history to determine your best options for vaccination.

RESPIRATORY SYNCYTIAL VIRUS (RSV)³

Adults 60-74 years with moderate or severe immune compromise should receive a single dose of RSV vaccine.

RSV vaccination is not recommended for adults younger than age 60.

INFLUENZA (FLU)⁴

Flu vaccination recommendations for immunocompromised adults are consistent with the general population guidelines.

Everyone ages 6 months and older should get a flu vaccine every year, starting in the fall.

COVID-19⁵

Everyone ages 6 months and older who is moderately or severely immunocompromised needs at least one dose of the latest COVID-19 vaccine.

Immunocompromised adults may need more than one dose of the latest COVID-19 vaccine to be considered up to date:

VACCINE HISTORY	VACCINE RECOMMENDATION
Never received any COVID-19 vaccines	3 doses of the latest COVID-19 vaccine
Only received one previous COVID-19 vaccine	2 doses of the latest COVID-19 vaccine
Received 2 or more previous COVID-19 vaccines	1 dose of the latest COVID-19 vaccine

Talk to your healthcare provider to ensure you are up to date.