

Populations at Increased Risk Recommended for Vaccination Against COVID-19

A. Due to Population Characteristics

CDPH especially recommends vaccination against COVID-19 for the following persons:

- Those with increased occupational or residential risks:
 - Health care workers
 - Residents of long-term care facilities or other congregate settings
 - Those with household contacts who are at high risk for severe COVID-19
- Those who have never been vaccinated against COVID-19
- Infants and children age 6 through 23 months
- Adults age 65 years and older

B. Due to Medical Conditions That Increase the Risk of Severe COVID-19

CDPH especially recommends vaccination against COVID-19 for persons with underlying medical conditions that increase their risk of severe COVID-19 disease. These tables provide examples of such underlying medical conditions but are not meant to be complete lists.

Children and Adolescents – in accordance with [AAP Guidance](#)

Category	Examples
Blood diseases	Sickle cell disease
Cancers or other immunosuppressive conditions	Leukemia, receipt of immunosuppressive therapy, primary immunodeficiency, HIV infection, transplant receipt (hematopoietic cell or solid organ)
Cardiovascular diseases	Congenital heart disease
Chronic lung diseases	Asthma or reactive airway disease, chronic lung disease of prematurity, compromised respiratory function, e.g., airway abnormality, tracheostomy, or ventilator dependent)
Gastrointestinal or liver disorders	Feeding tube dependent, Inflammatory bowel disease, chronic liver disease
Metabolic disorders	Diabetes mellitus
Neurologic or neurodevelopmental disorders	Cerebral palsy, epilepsy, intellectual developmental disorder, compromised mobility (e.g., wheelchair dependent)
Obesity	
Pregnancy	
Rheumatologic or autoimmune diseases	Systemic lupus erythematosus, juvenile idiopathic arthritis

Adults

Category	Examples
Cancers or other immunosuppressive conditions	Hematologic malignancies, receipt of immunosuppressive therapy, primary immunodeficiency, HIV infection, transplant receipt (hematopoietic cell or solid organ)
Cardiovascular disease	Hypertension, coronary artery disease, cardiomyopathies, congestive heart failure, atrial fibrillation, aortic stenosis
Chronic kidney disease	Chronic kidney disease at any stage
Chronic lung disease	Asthma, bronchiectasis, COPD, cystic fibrosis, OSA, interstitial lung disease, pulmonary embolism, pulmonary hypertension, oxygen dependency
Chronic metabolic disease	Diabetes mellitus, type 1 or type 2
Disabilities	Any type of disability including but not limited to ADHD, intellectual and developmental disabilities, learning disabilities, compromised mobility
Gastrointestinal and liver disease	Alcoholic liver disease, non-alcoholic fatty liver disease, cirrhosis, autoimmune hepatitis, ulcerative colitis, Crohn's disease, chronic liver disease
Hematologic disease	Sickle cell disease, thalassemia
Mental Health	Mood disorders including depression and schizophrenia spectrum
Neurologic disorders	Dementia, Alzheimer's disease, Parkinson's disease, seizure disorders, cerebral palsy, cerebrovascular disease, spinal cord injury
Overweight and obesity	
Physical inactivity	
Pregnancy	Pregnancy, postpartum, lactating, planning pregnancy
Rheumatologic and autoimmune disorders	Rheumatoid arthritis, lupus erythematosus, vasculitis
Smoking	Current or former
Substance use disorders	