

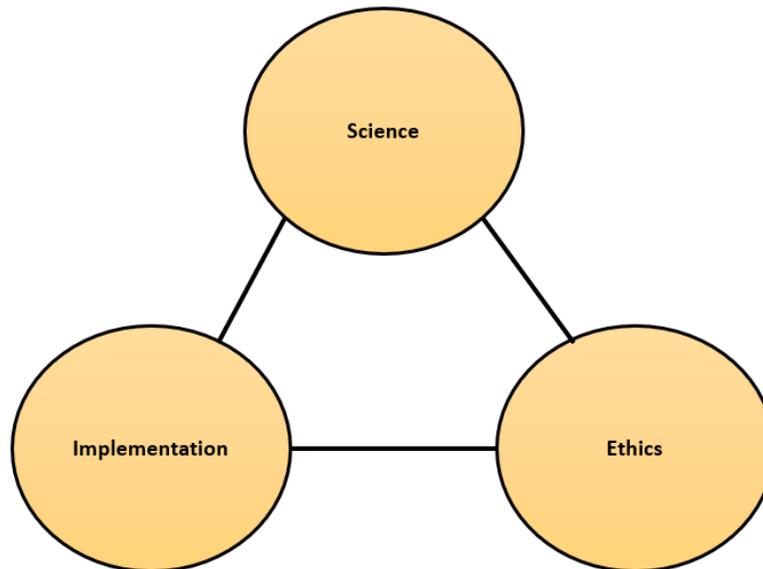
## Delaware COVID-19 Vaccination Allocation Framework

The Delaware Division of Public Health has adopted an ethical framework that guides decision-making for administration of the vaccines that during times of limited vaccine supply.

Delaware's COVID-19 Vaccination Allocation Framework has maintained a consistent overarching goal.

**Overarching Goal:** To vaccinate as many people who choose to be vaccinated as possible in a time-sensitive manner as a critical mitigation strategy in the COVID-19 pandemic response.

### Advisory Communities on Immunization Practices (ACIP) Allocation Framework of COVID-19 Vaccine<sup>1</sup>



### Balancing Goals: Prevention of Morbidity & Mortality and Preservation of Societal Functioning

#### Operational Goals<sup>2</sup>

- Decrease death and serious disease as much as possible
- Preserve functioning of society
- Reduce the extra burden the disease is having on people already facing disparities
- Increase the chance for everyone to enjoy health and well-being

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<sup>1</sup> Chamberland, M.E. Ethical Principles for Phased Allocation of COVID-19 Vaccines. (October 30, 2020). Retrieved from <https://www.cdc.gov/vaccines/acip/meetings/downloads/slides-2020-10/COVID-Chamberland.pdf>

<sup>2</sup> How CDC is Making COVID-19 Vaccine Recommendations. (November 25, 2020). Retrieved from <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations-process.html>

## Ethical Principles<sup>3</sup>

- **Maximize benefits and minimize harms** — Respect and care for people using the best available data to promote public health and minimize death and severe illness.
- **Mitigate health inequities** — Reduce health disparities in the burden of COVID-19 disease and death, and make sure everyone has the opportunity to be as healthy as possible.
- **Promote justice** — Treat affected groups, populations, and communities fairly. Remove unfair, unjust, and avoidable barriers to COVID-19 vaccination.
- **Promote transparency** — Make a decision that is clear, understandable, and open for review. Allow and seek public participation in the creation and review of the decision processes.

## Other Considerations

- National/statewide trends and data (at-risk groups)
- Operational considerations (staff levels, critical services/infrastructure, available supply, etc.)
- Logistics (vaccination staff/resources, storage, venue support requirements)
- Time sensitivity (ability to vaccinate large groups within the timeframe)

## Initial Phases

Due to the limited supply during the initial stages of the COVID-19 vaccination campaign, Delaware choose to integrate the ACIP recommendations to allocate vaccines in a phased approach due to the following situation and assumptions:

- The COVID-19 vaccine allocation phased groups for Delaware were developed based on ethical decision-making only; logistics were not a consideration.
- The initial allocation of COVID-19 Vaccine to the State of Delaware will not be adequate to protect all the Phase 1 groups<sup>4</sup>.
- The initial allocation of vaccine must be distributed and administered in a very short period due to storage and utilization requirements and urgency to reduce transmission during the pandemic.
- Operational decision-making is used to consider the physical ability to vaccinate within the Phase 1 sub-groups in order to efficiently utilize the anticipated vaccine supply with the resources available and within the limited timeframe.

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<sup>3</sup> Johns Hopkins Bloomberg School of Public Health, Center for Health Security (2020). *Interim Framework for COVID-19 Vaccine Allocation and Distribution in the United States*. Retrieved from:

[https://www.centerforhealthsecurity.org/our-work/pubs\\_archive/pubs-pdfs/2020/200819-vaccine-allocation.pdf](https://www.centerforhealthsecurity.org/our-work/pubs_archive/pubs-pdfs/2020/200819-vaccine-allocation.pdf)

<sup>4</sup> Johns Hopkins Bloomberg School of Public Health, Center for Health Security (2020). *Interim Framework for COVID-19 Vaccine Allocation and Distribution in the United States*. Retrieved from:

[https://www.centerforhealthsecurity.org/our-work/pubs\\_archive/pubs-pdfs/2020/200819-vaccine-allocation.pdf](https://www.centerforhealthsecurity.org/our-work/pubs_archive/pubs-pdfs/2020/200819-vaccine-allocation.pdf)

- The vaccine delivery timeline will drive the allocation of resources among the phases; overlap of phased groups is likely (see Figure 2).
- Flexibility is permitted to adjust phased groups based on current trends and public health needs.

### Supply Increase Allowed for Shift in Focus – May 17, 2021

Because **supply has increased**, Delaware has changed its timeline and vaccine rollout plan to get the vaccine out to more persons.



**Delaware’s Current Focus:** Make sure that every person who wants a vaccine can get one in a way that is fast and fair.

Access Date	Group
Ongoing	Long-Term Care Residents and Staff
Ongoing	Employer Groups (Phase 1a, Healthcare, Frontline, and other Essential Workers)
Ongoing	Sprint to Complete State of Delaware 65+ Waiting List
Ongoing	Teachers, School Staff, and Child Care Workers
March 17 <sup>th</sup>	People 16-64 with High/Moderate-Risk Conditions Eligible – See High and Moderate Risks below
	Family Caregivers of those with High-Risk Conditions Eligible
	50+ Eligible to Receive Vaccine at DE Pharmacies
March 23 <sup>rd</sup>	50+ Waiting List Opens
April 6 <sup>th</sup>	All persons 16+ eligible for COVID-19 Vaccine

#### High-risk underlying medical conditions for severe COVID-19

- Cancer
- Chronic Kidney Disease
- Chronic lung diseases, including COPD (chronic obstructive pulmonary disease), asthma (moderate-to-severe), cystic fibrosis, and other chronic lung disease including interstitial lung disease and pulmonary hypertension
- Dementia or other neurological conditions
- Diabetes (type 1 or type 2)
- Down syndrome
- Heart conditions (such as heart failure, coronary artery disease, cardiomyopathies or hypertension)
- HIV infection
- Immunocompromised state (weakened immune system)
- Intellectual or developmental disability
- Liver disease
- Overweight and obesity
- Pregnancy
- Severe and persistent mental/behavioral health condition
- Sickle cell disease or thalassemia
- Smoking, current or former
- Solid organ or blood stem cell transplant
- Stroke or cerebrovascular disease, which affects blood flow to the brain
- Substance use disorders

Figure 1: Delaware COVID-19 Vaccination Timeline

