



**BLOOMBERG
HARVARD**

| City
Leadership
Initiative



COVID-19

SITUATION REPORT

February 25, 2021 | Joshua Sharfstein, MD

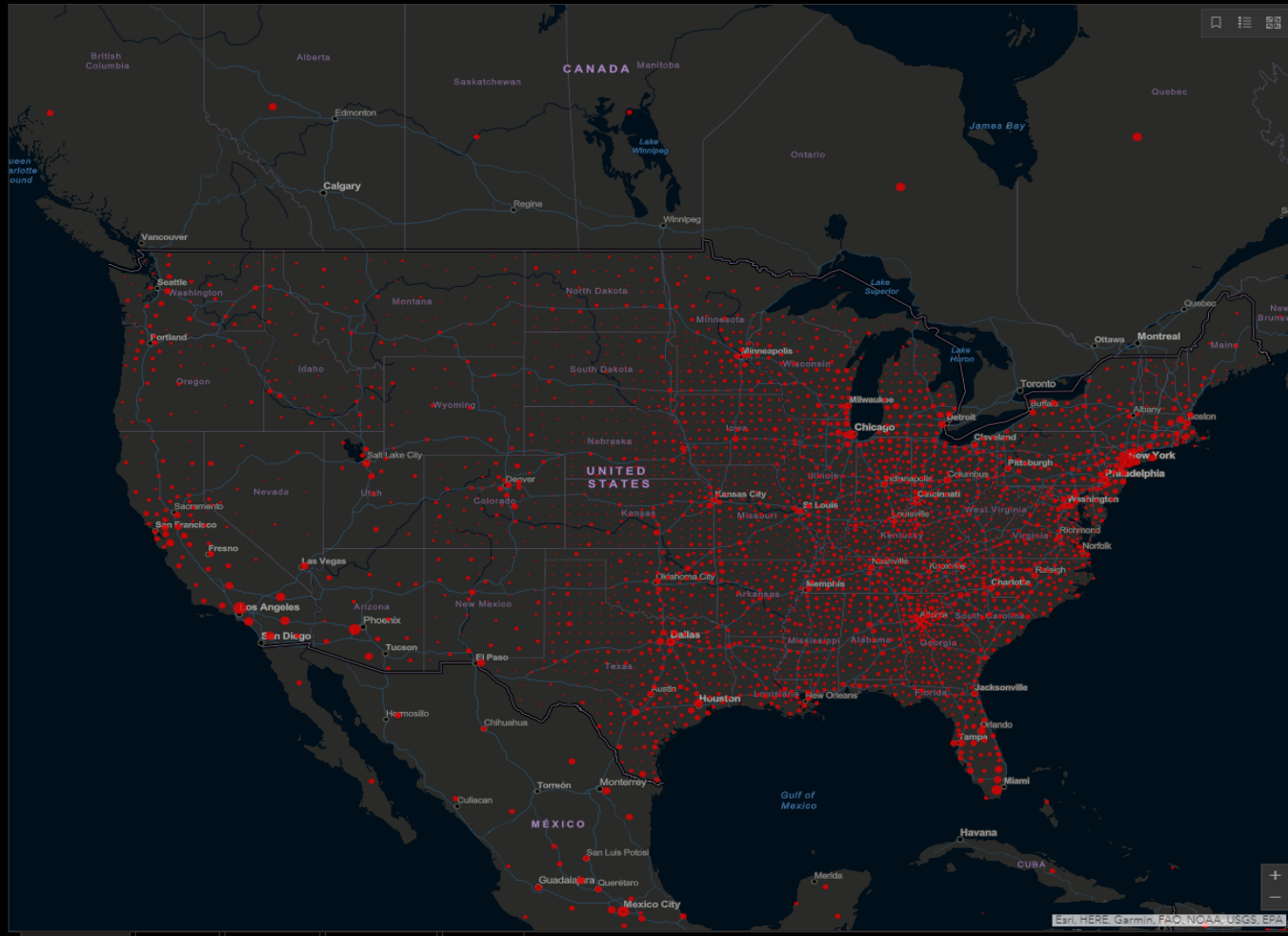
COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)

Global Cases
28,336,780

Cases by Country/Region/Sovereignty

28,336,780 US
11,046,914 India
10,324,463 Brazil
4,164,802 Russia
4,156,722 United Kingdom
3,721,063 France
3,170,644 Spain
2,848,564 Italy
2,665,194 Turkey
2,420,985 Germany
2,237,542 Colombia
2,085,411 Argentina
2,060,908 Mexico
1,673,252 Poland
1,607,081 Iran
1,507,448 South Africa
1,373,139 Ukraine
1,314,634 Indonesia
1,293,497 Peru
1,198,168 Czechia
1,083,686 Netherlands
860,348 Canada
807,872 Chile
800,586 Portugal
791,971 Romania
765,492 Israel
760,809 Belgium
684,362 Iraq
647,470 Sweden
575,941 Pakistan
568,680 Philippines

Last Updated at (M/D/YYYY)
2/25/2021, 8:23 AM



Cumulative Cases Active Cases Incidence Rate Case-Fatality Ratio Testing Rate

192 countries/regions

Lancet Inf Dis Article: [Here](#). Mobile Version: [Here](#). Data sources: [Full list](#). Downloadable database: [GitHub](#), [Feature Layer](#).
 Lead by JHU CSSE. Technical Support: [Eari Living Atlas team](#) and [JHU APL](#). Financial Support: [JHU](#), [NSF](#), [Bloomberg Philanthropies](#) and [Stavros Niarchos Foundation](#). Resource support: [Slack](#), [Github](#) and [AWS](#). Click [here](#) to [donate](#) to the CSSE dashboard team, and other [JHU COVID-19 Research Efforts](#). [FAQ](#). Read more in this [blog](#). [Contact US](#).

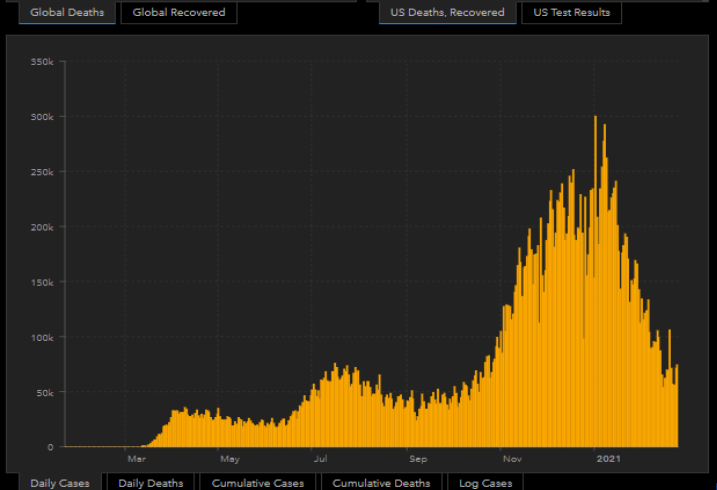
Cases and Death counts include confirmed and probable (where reported).
 Recovered cases are estimates based on local media reports, and state and local reporting when available, and therefore may be substantially lower than the true number. US state-level recovered cases are from COVID Tracking Project.
 Active cases = total cases - total recovered - total deaths.
 Incidence Rate = cases per 100,000 persons.

Global Deaths
2,499,552

505,944 deaths US

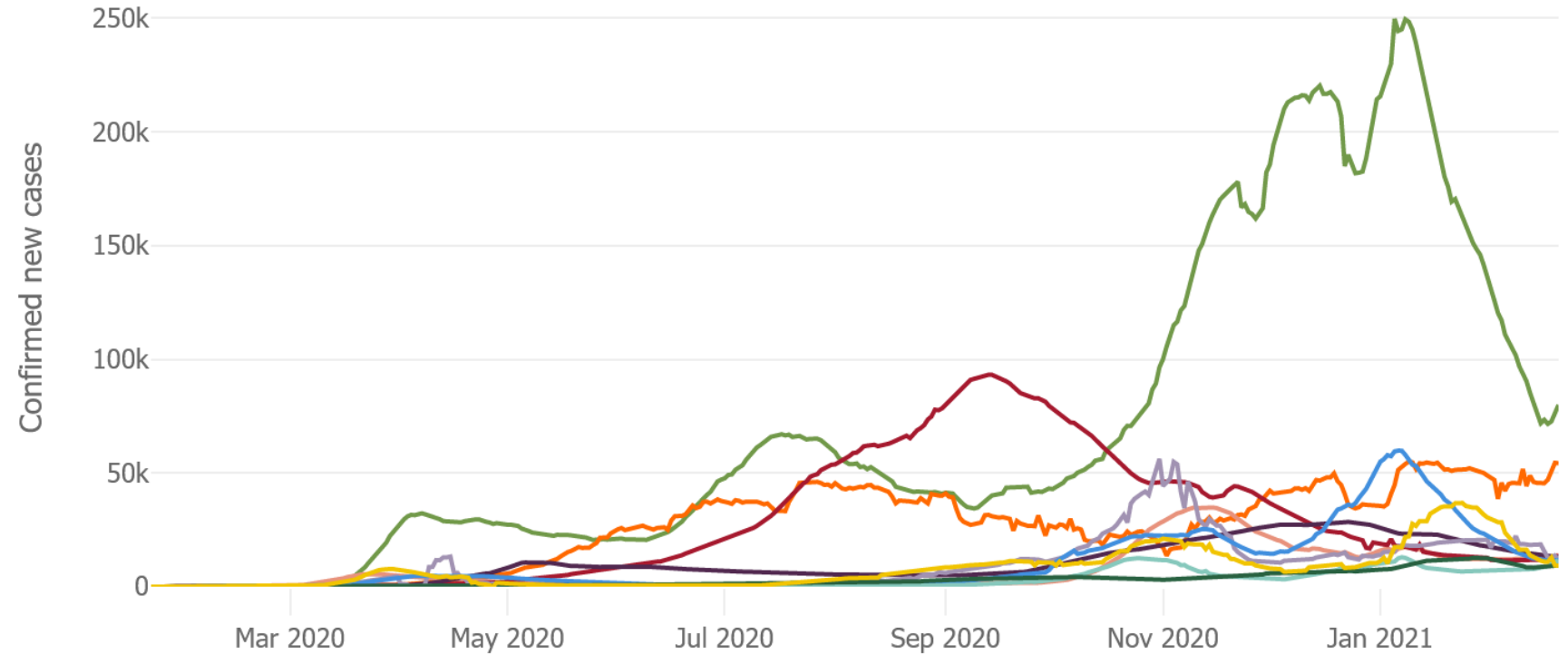
50,994 deaths, recovered California US
47,156 deaths, recovered New York US
42,831 deaths, 2,368,008 recovered Texas US
30,340 deaths, recovered Florida US
23,759 deaths, 828,570 recovered Pennsylvania US
23,077 deaths, recovered New Jersey US
22,575 deaths, recovered Illinois US
17,064 deaths, recovered Georgia US
17,045 deaths, 897,425 recovered Ohio US
16,389 deaths, 529,080 recovered Michigan US
15,945 deaths, 477,796 recovered Massachusetts US
15,693 deaths, recovered Arizona US
12,467 deaths, recovered Indiana US

US State Level
Deaths, Recovered



The U.S. rejoins the world

Outbreak evolution for the current 10 most affected countries

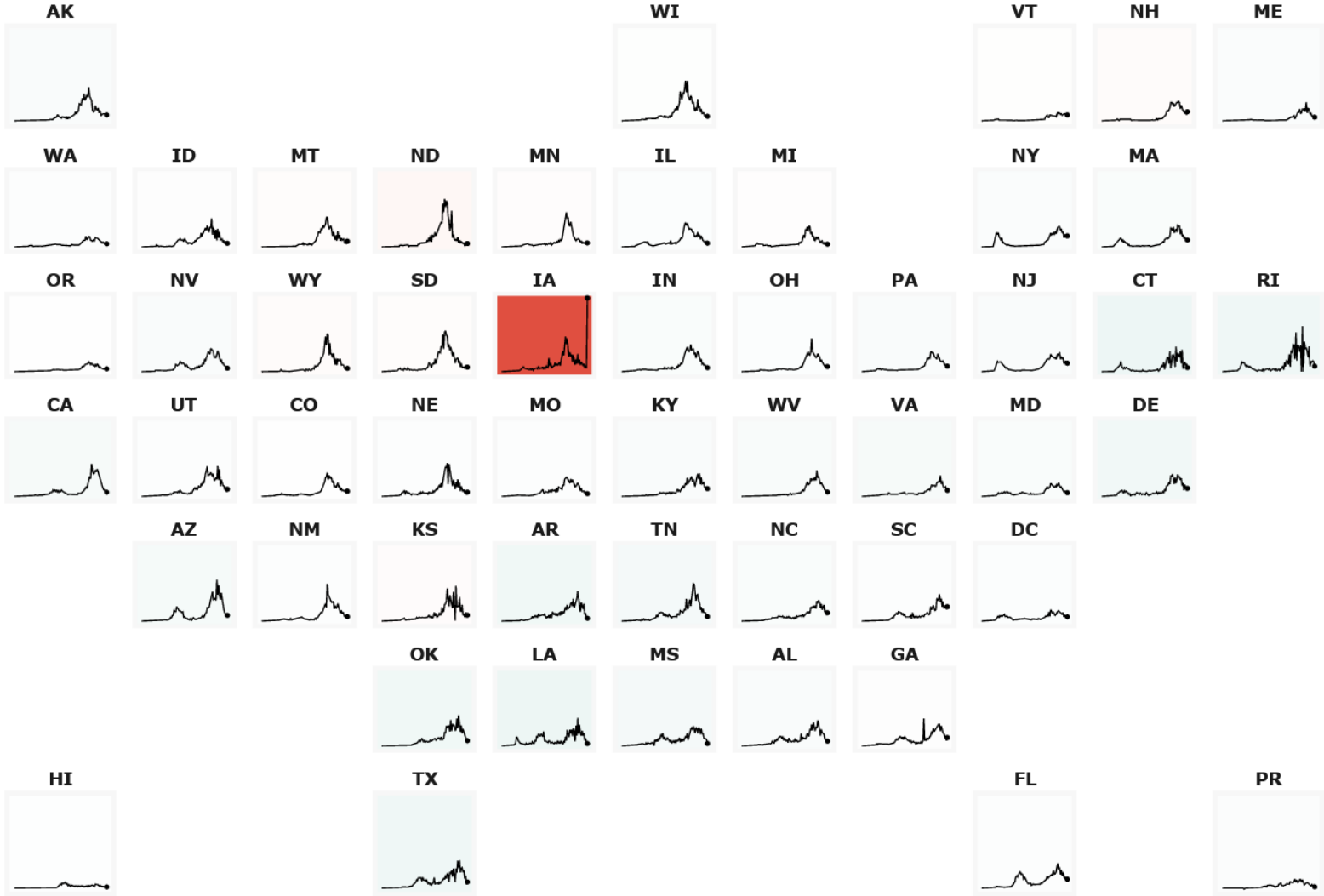


Click any country below to hide/show from the graph:

- | | | | |
|---------------|--------|----------------|---------|
| United States | Brazil | Italy | India |
| Russia | France | United Kingdom | Czechia |
| Indonesia | Spain | | |



Daily New Cases per 100k people. Data shown from 1/22/20 to 2/20/21.



Declines
across
the board
(even Iowa)



What's New This Week



School Guidance

CDC provides an approach to local decision-making that matches **containment strategies** to the amount of **community transmission**

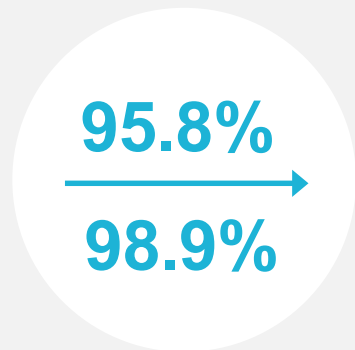


For Mayors

Schools can open by following CDC recommended steps to reduce transmission. Great idea to vaccinate teachers and other adults in schools.



What's New This Week



Data from Israel

Vaccination has reduced COVID-19 by 95.8% and hospitalizations or death by 98.9% among those vaccinated, without significant safety issues.



For Mayors

This shows the vaccine's impact in the real world is consistent with the strong evidence in clinical studies.



What's New This Week



What's Next for the Vaccinated?

CDC guidance says that vaccinated people who are exposed to COVID-19 do not have to quarantine.

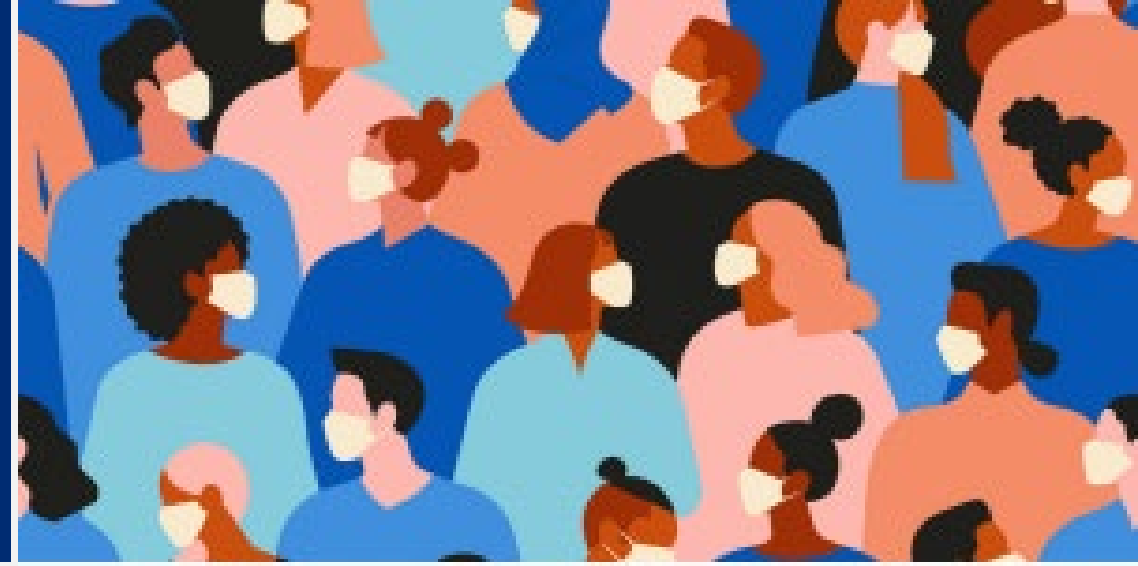


For Mayors

As cases fall, vaccinated people can begin to venture out again. However, it's still important to wear masks and social distance to keep cases on the decline.



Bloomberg Philanthropies-U.S. Conference of Mayors COVID-19 Vaccine Toolkit



<https://bloombergcities.jhu.edu/vaccine>



COVID-19 Vaccine–Focused Strategy Case Study: Baltimore City Health Department

Letitia Dzirasa, MD

COMMISSIONER OF HEALTH | FEBRUARY 25TH, 2021

Baltimore City Health Department

MISSION

Protect health, eliminate disparities, and enhance the wellbeing of everyone in our community through education, coordination, advocacy, and direct service delivery.

COVID-19 APPROACH

Achieve population immunity against COVID-19 through vaccination, supported by city leadership, residents, community organizations, and businesses across the city.

BALTIMORE CITY DEMOGRAPHICS

593,490

Baltimore City residents

- 60% identify as African American - 73% of all COVID deaths
- 5.5% identify as Latinx - 12% of all COVID cases
- 124,000 residents age 60 years or older (20% of population)

Social determinants and structural racism

- 1 in 5 residents live in poverty
- 2,193 residents experience homelessness on any given night
- Racial residential segregation



Mayor Tip:



Presentation is specific to Baltimore, but lessons can be applied to cities across the world. Important to understand and plan around the nuances of your city.

Vaccine Distribution Goals 2021

Vaccine Supply

- At least 80% of Baltimore is vaccinated against COVID-19 by February 2022 date
- Dependent on vaccine supply

Vaccine Hesitancy

Reduce COVID-19 vaccine hesitancy, focusing on populations that have been disproportionately impacted by COVID-19, to **less than 20% (currently ~40%)** by providing accurate and transparent health information



Mayor Tip:



Set clear goals for your vaccination rollout plan alongside your regional and local partners (e.g. hospital partners, county executives, health departments, community-based organizations)

Prioritize Equity in Vaccine Distributions

Background

Many Baltimore residents and their families have experienced racism in the health care system and may be skeptical about the vaccine

Goal

Ensure everyone in Baltimore has accurate information about the vaccine so that they can make an **informed decision** with the people they trust



Mayor Tip:



Make sure all populations have access to information and vaccines by understanding and working with influencers in your city to serve as messengers.

Multiple Strategies to Ensure Successful Vaccine Deployment

Focus Strategy

Mobile vaccination teams to bring vaccination to critical areas, in tandem with educational outreach efforts



Volume Strategy

Multiple access sites capable of at least 500 vaccinations per day to handle the demand as the number of people eligible for the vaccine increases



Mayor Tip:



Leverage partnerships in your communities to vaccinate those within priority groups to get the most people vaccinated quickly (volume strategy), while also working on those that are the hardest to reach (focus strategy)

Reaching Population-Level Immunity

Focus Strategy

Special Populations Approach:

- ~10% of Baltimore residents
- Mobile Response Teams (health department, hospital systems, community-based organizations, faith-based organizations)

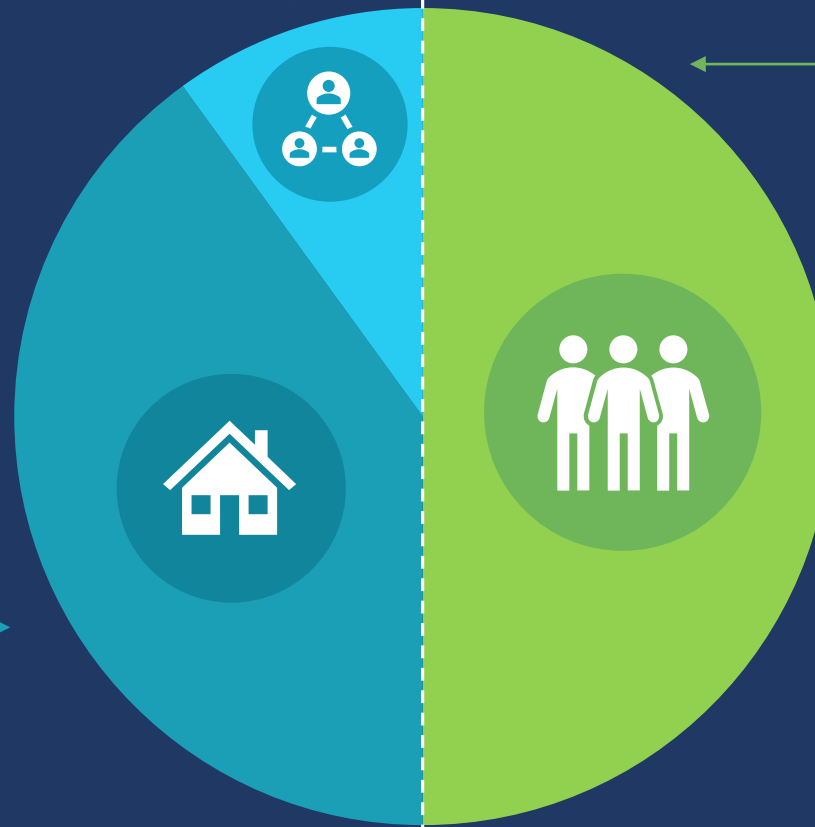
Neighborhood-Based Approach:

- ~40% of Baltimore residents
- Standard Health Care Model (Federally Qualified Health Centers, pharmacies)

Volume Strategy

General Population Approach:

- ~50% of Baltimore residents
- Mass Vaccination PODS (health department, hospital systems, the state)



Tactics for Reaching Special Populations



Identify

Identify special populations in your city (e.g. unstably housed, immigrants, African Americans)



Work

Work with health departments to select partners with subject matter experts to develop both a communications and vaccine dissemination strategy for special populations



Convene

Convene city-wide listening and education sessions with special populations and staff in programs working with these residents



Advocate

Advocate for a centralized vaccine registration system for your state



Develop

Develop education materials to deepen understanding of COVID-19 vaccines and when/where to get vaccinated



Train

Train program staff across special populations in COVID-19 highlighting the vaccine and key talking points to use with clients



Hire

Hire vaccine ambassadors to share information with special populations citywide



Publish

Publish public dashboards on COVID-19 metrics, including vaccine deployment rates, and use this data to drive implementation.



Deploy

Deploy mobile vaccination/neighborhood-based strategy with healthcare partners

Questions?

