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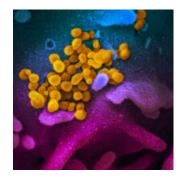
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COVID-19 AND HIV UPDATES

JUNE 9, 2021

SIGN UP FOR OUR NEWSLETTER HERE



The SARS-CoV-2 virus (NIAID)

Below are this week's East Bay COVID-19 and HIV updates. This page is usually updated on Wednesday evenings with data and resources gathered from many collaborators in Alameda County, Contra Costa County, Solano County, CA state. Please click here to share feedback.

VACCINES MASKS GUIDANCE RESOURCES ARCHIVES

PDF SUMMARY

Jump to:

- Key East Bay COVID-19 updates
- New vaccine studies, variants and "breakthrough" infections
- Vaccine access; updates on the J&J and other vaccines; vaccines for people living with HIV
- Disparities data and studies
- Harm reduction and prevention
- HIV updates
- Jobs, funding, training opportunities and other resources
- COVID testing and other top links

On June 5th the world marked the 40th anniversary of the first official CDC reporting of five cases of what later became known as AIDS. In the United States, June 5th is also observed as HIV Long-Term Survivors Day. We will remember those whom we've lost and honor the brave leadership of people living with HIV.



Are you ready for an East Bae Summer?

In partnership with undocumented queer artivist Julio Salgado, we are kicking off our East Bae Love community messaging campaign with some summertime merchandise. T-shirts are coming soon! Help us figure out what other kinds of merch we need for an East Bae Summer, where we should have distribution sites and more. Fill out this 2-minute feedback form to share your thoughts.





Upcoming changes to this webpage:

Dear Readers, thank you for coming to this webpage over the past year. As our East Bay community gains more vaccine coverage and COVID cases remain low, we will transition this page from weekly to monthly updates starting in July. Major changes in East Bay pandemic response and vaccine access will be posted as they arise, and a more comprehensive monthly update will be posted on third Wednesdays of each month.

EAST BAY COVID-19 UPDATES

California state is getting ready to reopen on June 15 and move beyond the Blueprint system with some precautions in place, such as vaccine or negative test verification for mega events (5,000 people indoors or 10,000 people outdoors) and masking in some settings.

On June 3, the Bay Area Health Officers met and released a statement supporting **full-time in-person school** for all grades in the fall of 2021, citing evidence of safe school reopenings during the pandemic and





Everyone ages 12 and over in the US is eligible for a free COVID-19 vaccine, regardless of insurance and immigration status. Vaccine supply in the East Bay is now plentiful for the three authorized vaccines: Pfizer, Moderna and Johnson & Johnson. Appointments and walk-ups are available the same day at MyTurn.ca.gov, including the Pfizer vaccine for 12-17-year-olds.

Get a \$50 gift card for getting vaccinated and a chance to win \$1.5 million! California announced its Vax for the Win \$116.5 million vaccine incentive program, including the \$50 incentive cards for the first 2 million people who get vaccinated starting May 27.

On June 2, President Biden launched a "**National Month of Action**" to get-out-the-vaccine, involving influencers and door-to-door canvassing, as well as offering free childcare for parents and

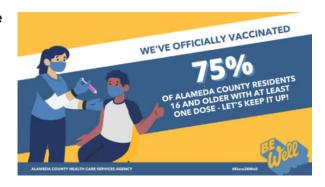
caregivers while they get their vaccines, free Lyft and Uber rides, and other incentives. Click here for a summary of COVID-19 vaccine incentives.

From May 24 to July 4, **Uber and Lyft will provide free rides to and from vaccination sites**. Lyft will offer "ride codes" of up to \$15 for each trip to and from the vaccination site.

On June 2, Alameda County released a **request for proposals** due on July 7 for **community-led coalitions to expand vaccine access** and provide comprehensive community engagement.

Click here for more on vaccine eligibility and how to get one.

The East Bay's Alameda and Contra Costa counties are in the top 20 highest vaccination rates nationwide among all counties with over 250,000 residents. Both have given at least one vaccine dose over 75% of residents ages 12+ and have fully vaccinated over 65%. Alameda County has vaccinated over 1 million people. President Biden aims to have 70% of adults in the US get at least one dose by July 4. While many Bay Area counties have already reached that goal overall,



vaccination rates are uneven across communities and counties. Solano County's first-dose vaccination rate for people ages 12+ is 63%.

To get everyone else eligible vaccinated, we are shifting to smaller community-based sites, schools, health care clinics and mobile vans set up for lower-barrier access. **Let's get out the vax!**

COVID-19 daily cases and hospitalizations in the Bay Area have decreased substantially and remain at

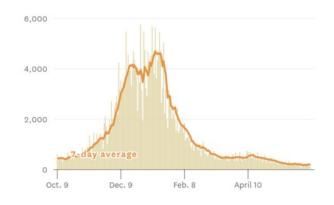
low rates, thanks to people getting vaccinated and masking. Worldwide, cases declined in May after reaching record levels at the end of April. South America now has the highest rate of new infections in the world, and cases in India are declining from a peak in early May. The spring wave in other parts of the US continues to subside.

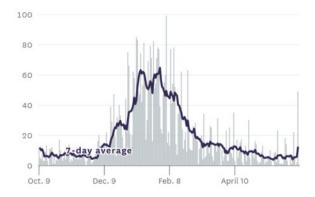
On June 9, the week before the state's June 15 reopening date, Alameda County moved into the lowest yellow "minimal risk" tier while Solano and Contra Costa Counties remained in the orange "moderate risk" tier of California's Blueprint framework. In the orange and yellow tiers, additional indoor capacity and activities are allowed, including restaurants, bars and other riskier settings. Estimated transmission rates in the Bay Area have been below 1 since mid-April, and are 0.72 across California as of June 8. Click here to see what's open and click here to download updated CA in-person activity guidance.

As of June 9:

- Alameda County: yellow tier week 1
 - o 0.74 transmission rate; 2 cases per 100,000 people
 - 78% residents ages 12+ have received at least once vaccine dose (partially vaccinated), 63% fully vaccinated
 - Links to county vaccine updates and what's open
- Contra Costa County: orange tier week 10
 - o 0.8 transmission rate; 4 cases per 100,000 people
 - 76% of residents ages 12+ partially vaccinated, 67% fully vaccinated
 - Links to county vaccine updates and what's open
- Solano County: orange tier week 2
 - 0.87 transmission rate; 4 cases per 100,000 people
 - o 63% of residents 12+ partially vaccinated, 49% fully vaccinated
 - o Links to county vaccine updates and what's open

New reported cases and deaths in the Bay Area, by day





SF Chronicle, 6/9/21: COVID-19 daily cases and deaths in the Bay Area.



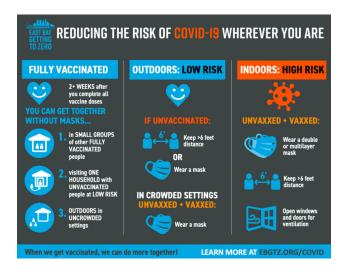
Economy. Learn about what will change in Alameda County on June 15, 6-7:30 pm as the State of California lifts capacity and physical distancing restrictions for most businesses and activities throughout the state. Please click here to register. Click here for current county workplace guidance and resources. The Employer Update will be held June 21 from



6:00 to 7:30 pm. Livestream for both events will be available on the Alameda County YouTube channel and recordings will be available after each event.

The Alameda County Council for Age-Friendly Communities has released its **Older Adult Digital Needs Assessment Survey**. The survey asks about seniors' level of access to internet services and devices, as well as their need for education and training to support their use of the internet. Please help us become a more age-friendly community by distributing the survey to as many of your stakeholders, clients, and community members as possible! Click here for a toolkit that provides many resources for survey distribution.

Our COVID-19 harm reduction infographics in English and Spanish have been updated to include guidance for fully vaccinated people! Please click here to download, share and print the graphics in English and in Spanish.





The graphics integrate updated CDC and California guidance. California will wait until June 15th to align with the CDC's new masking guidance around allowing fully vaccinated people to not wear masks in most settings, including indoors.

Dr. Mark Ghaly, CA health and human services secretary, stated that CA will give more time for Californians to complete vaccinations and to figure out how to verify vaccination status in public spaces. The current California masking guidance is pictured our updated infographic.

The CDC released **updated summer camp guidance** on May 28th, which promotes vaccinations and includes updated outdoor mask guidance, guidance for camps where everyone is fully vaccinated, and guidance for camps where not everyone is vaccinated.

VACCINE STUDIES, VARIANTS AND "BREAKTHROUGH" INFECTIONS

Increasing real-world data shows that COVID vaccines are safe and highly effective in preventing both asymptomatic and symptomatic infection.

US CDC data shows high vaccine efficacy against variants in the real-world: A CDC report shows that the proportion of reported vaccine "breakthrough" infections attributed to variants of concern has been similar to the proportion of these variants circulating throughout the US. As of April 30, 101 million people in the US have been fully vaccinated and 10,262 SARS-CoV-2 infections have been reported (0.01% of the fully vaccinated population), including 2,725 asymptomatic cases, 706 hospitalizations with symptomatic COVID-19 (0.0007% of the fully vaccinated population), and 132 died with symptomatic COVID-19 (0.0001%) with a median age of 82 years at the time of death. This translates to 99.999% protection against hospitalization and death from COVID-19 thus far in the fully vaccinated population.

A pre-print UK study shows a 40-50% reduction in forward transmission in household contacts of "breakthrough" cases among people who received their first dose of the Pfizer or AstraZeneca vaccines.

Updated CDC data shows that a single dose of an mRNA vaccine (Pfizer or Moderna) was 82% effective against symptomatic COVID-19, and 2 doses were 94% effective. Fully vaccinated high-risk frontline workers who were tested weekly were 90% less likely to get any infection, including asymptomatic infections.

Vaccine Effectiveness Update: Real-world data show mRNA vaccines are highly effective at preventing COVID-19 among health care personnel*

94%
effective at preventing symptomatic COVID-19

**Hofft Gerposted & Effective at preventing symptomatic COVID-19

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The CDC has reported data showing that

the **Pfizer-BioNTech** and **Moderna vaccines were found to be 94% effective at preventing hospitalization in fully vaccinated adults 65+** and 64% effective among partially vaccinated adults 65+ starting 2 weeks after the first dose. There was no significant protection within the first 14 days of the first dose, highlighting the importance of continuing masking, distancing and avoiding crowds at least

during the 2 weeks following the first dose, and the importance of getting the second mRNA vaccine dose.

Durability of immunity: Two new studies, one in Nature and one pre-print, show that both natural infection and vaccinations induce long-lived T-cell and B-cell responses, which help the body continue to identify the virus and produce antibodies whenever needed. The findings suggest that immunity to COVID-19 likely lasts at least a year, possibly much longer. The B and T-cell responses were stronger among those who were infected *and* vaccinated. Those immune just from vaccination alone may need boosters at some point, though when is still unknown. These findings strengthen the recommendation that all people with past infection also get vaccinated.

Vaccines for children: Moderna and Pfizer have reported data showing that their **COVID-19 vaccine shows 100% efficacy in adolescents ages 12-15.** With 2,260 adolescents participating in their trial, 18 people in the placebo group developed COVID-19 while none in the vaccinated group did. Blood antibody test data also show high titers of antibody responses in those who were vaccinated. On May 10th the FDA authorized use of the Pfizer vaccine for 12-15 year olds and on May 12th, the US Advisory Committee on

Immunization Practices (ACIP) voted to recommend the Pfizer vaccine for 12-15 year olds.

Moderna announced on May 25 that their vaccine is 100% effective for 12-17 year olds in a clinical trial that enrolled 3,732 people ages 12 to 17, two-thirds of whom received two vaccine doses. There were no cases of symptomatic Covid-19 in fully vaccinated adolescents, the company reported. Moderna plans to submit data to the FDA for authorization in early June.

Trials for children ages 6 months to 11 years old have also begun for both Pfizer and Moderna vaccines. Johnson & Johnson has paused its study in adolescents, and plans for trials in children and infants.

On May 17th, the CDC Vaccine Safety Technical (VaSt) Work Group released a statement on a **few reports of myocarditis, mostly mild, following mRNA vaccines**. VaST reports that these cases seem to occur mostly in adolescents and young adults, cismales, after the 2nd dose and within 4 days post-vaccination. The rates of myocarditis reports following COVID-19 vaccination have not differed from expected baseline rates. Myocarditis and pericarditis can also be clinical features of COVID-19 infection. Clinicians are asked to evaluate cases of myocarditis and pericarditis with a SARS-CoV-2 test, ask about vaccination history and report cases of myocarditis or pericarditis after vaccination promptly to the U.S. Vaccine Adverse Events Reporting System (VAERS), and continue to encourage COVID-19 vaccination in your patients, as the benefits far outweigh the risks.

Pfizer and Moderna vaccinations in pregnant and lactating people found to be safe so far: Findings from a study of pregnant participants in the v-safe post-vaccine surveillance system revealed no clear safety issues from either the Pfizer/BioNTech or Moderna vaccines. 35,691 v-safe participants identified as pregnant, and 3958 participants enrolled in the v-safe pregnancy registry. Calculated proportions of pregnancy and neonatal outcomes appeared similar to incidences published in other peer reviewed literature. These findings add to data from an ongoing cohort study of pregnant and lactating people which found robust antibody titers in all groups, along with antibodies in umbilical cord blood and breast milk samples.

Variants: The WHO has announced a new naming system for coronavirus variants using the Greek alphabet. Variants of concern or interest reported in the East Bay include:

- B117 ("UK"): now called Alpha
- B1351 ("South African"): now Beta
- P1("Brazilian"): now Gamma
- B1617 ("Indian"): now Delta
- B1427/9 ("West Coast"): now Epsilon

The Alpha variant is now the dominant variant here and elsewhere in the US. The Delta variant has very rapidly become a dominant strain in the UK. Approved vaccines are still expected to be effective against serious disease from these variants.

Updated data on the Delta (B1617.2 or "Indian") variant suggests that this variant has a 2.6 times higher risk of hospitalization compared to the Alpha (B117 or "UK") variant, in addition to being about 50% more transmissible. Public Health England has also reported that vaccines are still effective against the Delta variant, though slightly less so. Excellent weekly updates on variants from the UK are posted here. California state reported 258 cases of the Delta/Kappa variants statewide as of June 2.

So far, the Pfizer-BioNTech vaccine was found to provide 88% protection against Delta variant, a slight drop from the 93% protection given against the Alpha (B117 or "UK") variant. Full vaccination with the Astra-Zeneca vaccine provided 60% protection against Delta variant, versus 66% protection against the Alpha variant. Protection after the first dose was seen to be only 34% thus far. Supporting people to mask up between doses and to get their 2nd doses is crucial.

Remember that viruses mutate when they replicate, and we can slow the rise of COVID-19 variants through masking, distancing and vaccinations.

"Breakthrough" infections: About 0.0016% of the 135+ million fully vaccinated people in the US have had reported hospitalizations with symptomatic COVID-19, or "vaccine breakthrough" infections through June 1, which translates to a real-world vaccination efficacy rate of 99.9984% protection against hospitalization.

In Alameda County, Dr. Donata Nilsen reported that that have been 307 COVID-19 cases reported of "breakthrough" infections as of June 9, and about half were symptomatic. Only 10% of the "breakthrough" infections have been sequenced, and variant analysis is not available. Starting in May, only symptomatic "breakthrough" cases are being reported.

Dr. Nick Moss reported that as of May 26, there have been 2 hospitalizations reported thus far due to COVID-19 among people who are fully vaccinated in Alameda County, both among very old people, and one case which may have been due to pre-vaccination infection. As of May 26, there were 29 cases of reinfections reported among people previously infected in Alameda County. Nationwide "breakthrough" case data is available on the CDC website here.

Health care providers are asked to report symptomatic "breakthrough" infections for people who are vaccinated or who previously had COVID-19 to the county public health departments (without a positive RNA PCR or antigen test within the previous 90 days) and send lab specimens for variant sequencing. In Alameda County, send a secure email to COVIDreport@acgov.org with subject line "suspect variant" or fax to (510) 273-3944. To submit respiratory specimens to the county lab for sequencing, call 510-382-4300, email at acphl@acgov.org, or download the submittal form from the ACPHL website.

Pandemic prevention: lessons learned

A CDC modeling study published in May 2021 showed that at least "moderate NPI use" (e.g. masking and distancing rates remain at least at 50% of the levels we had in the winter-spring of 2021) is necessary to control COVID-19 through the summer and fall, especially if vaccination rates are 75% or lower. (Borchering)

An article in The Lancet comparing COVID-19 deaths and gross domestic product (GDP) growth, and strictness of lockdown measures during the first 12 months of the pandemic found that countries which used strategies for early elimination (e.g. maximum quick action to stop community transmission, such as in Australia, Iceland, Japan, New Zealand, and South Korea) vs. mitigation (e.g. countries that used incremental interventions to reduce health care system burden, such as in the US, Mexico, UK and the EU) had 25 *times* lower COVID-19 deaths per 1 million people, had higher GDP growth, and demonstrated greater protection of civil liberties. (Oliu-Barton)

An Independent Panel requested by the World Health Assembly (WHO) and led by Her Excellency, Ellen Johnson Sirleaf and the Right Honorable Helen Clark spent eight months reviewing evidence of the spread, actions and responses to the COVID-19 pandemic. The panel produced a report of what happened and analyzed how a pandemic can be prevented from happening again: COVID-19: Make it the Last Pandemic.

People needing medical care for any condition are encouraged to seek care as our clinics and hospitals remain open with strict safety protocols to take care of all people.

WHAT'S UP WITH COVID VACCINES?

Updated June 9, 2021

Everyone ages 12 and over is eligible for a free COVID-19 vaccine, regardless of insurance and immigration status.

Vaccines are plentiful and widely available in the East Bay. Appointments and walk-ups are available the same day at many sites, including for the Pfizer vaccine for 12-17 year olds. Pfizer, Moderna and Johnson & Johnson



vaccines are all available. Make an appointment today at MyTurn.ca.gov or with your medical provider!



Vax for the Win California's vaccine incentive program

Get vaccinated, get rewarded

Are you already vaccinated or about to be? Great! You'll have a chance at winning \$50,000 or a grand prize of \$1.5 million!

Not yet vaccinated against COVID-19? Listen up! Get vaccinated as soon as possible to be eligible for a \$50 incentive card and other cash prizes. We want to thank you for helping us beat the pandemic in California!

Get a \$50 gift card for getting vaccinated and a chance to win \$1.5 million! California announced its Vax for the Win \$116.5 million vaccine incentive program, including the \$50 incentive cards for the first 2 million people who get

vaccinated starting May 27.

Click here for a summary of **national COVID-19 vaccine incentives**. The "National Month of Action" launched on June 2, offering free childcare for parents and caregivers while they get their vaccines, free Lyft and Uber rides, discounts and gift cards at stores, restaurants and other incentives.

HOW DO WE GET A COVID VACCINE?

- 1. Check for an available appointment or walk-up site hours:
 - Go to MyTurn.ca.gov to make appointments at public sites and pharmacies across
 California.
 - o Or go to your **medical provider**'s website (click for: Kaiser, Sutter, Stanford,

Children's Oakland) or call them. Click for community health center links below.

- Additional options:
 - Check county vaccine sites: Alameda County, Contra Costa County, Solano County
 - Check community pop-up sites and Oakland school sites
 - Check VaccinateCA, which has a nice search map
 - Check the Vaccines.gov national vaccine finder for appointments across the US
 - Text your Zip code to 438829 to get numbers and links for vaccines.

2. When you go to your vaccine appointment, bring:

- A photo ID (does not have to be government-issued)
- o Appointment confirmation, if not walking up (printed or on phone)
- o A mask.
- For people under 18, there are several ways to provide consent:
 - Online registration: parent/guardian checks consent box
 - Drop-in/walk-up:
 - Parent/guardian comes and gives consent in-person
 - Parent/guardian gives consent on phone or video
 - Youth brings in paper form signed by parent/guardian. Click here to download the parent/guardian consent form for Alameda County.

VACCINE PHONE LINES:

- Alameda County: 510-208-4VAX or 510-208-4829 (English, Español, 中文)
- Contra Costa County: 833-829-2626
- Solano County: 707-784-8988
- California state's MyTurn vaccine line: 833-422-4255

MORE INFO - JUMP TO:

- Transportation resources and vaccines for home-bound people
- Links to medical providers, community pop-ups, county sites
- J&J vaccine updates and additional information on vaccines
- Vaccines for people living with HIV
- What you can do when you're fully vaccinated
- Resources in multiple languages and Frequently Asked Questions
- Community spotlights: East Bay vaccine testimonials

IF YOU NEED HELP WITH TRANSPORTATION OR ARE HOME-BOUND:

- From May 24 to July 4, **Uber and Lyft will provide free rides to and from vaccination sites**. Lyft will offer "ride codes" of up to \$15 for each trip to and from the vaccination site.
- Go to **MyTurn.ca.gov** and click on "yes" under "I need help with transportation" when you register.
- Click here for an overview of paratransit options in Alameda County.
- East Bay Paratransit is now offering transportation to and from vaccination sites and a

briefer, streamlined eligibility process to apply for services. Click here or call 510-287-5000 for more information.

- Home-bound people in Alameda County: to sign up for in-home vaccination, please complete the vaccine registration form on this webpage. If you are not able to use the internet form, please call 510-208-4829. Alameda County began home vaccinations on April 26.
- Home-bound people in Contra Costa County: request a home vaccination from the mobile team.

VACCINES THROUGH MEDICAL PROVIDERS:

- Kaiser members
- Sutter members
- Stanford Health members
- UCSF Benioff Children's Hospital Oakland: for all community members ages 12-24
 - o Open to everyone ages 12-24, even if they are not members
 - o 744 52nd St., Oakland, CA 94609
 - Call (415) 514–1196, Monday to Saturday, 7 a.m. to 7 p.m., and Sunday from 8 a.m. to 5 p.m.
 - All callers should choose option 2 and stay on the line to speak with an operator, who will schedule an appointment
 - No proof of eligibility will be required.
- Many community health centers are providing vaccine appointments for all community members:
 - Alameda Health Systems
 - Asian Health Services
 - Axis Community Health
 - Bay Area Community Health
 - La Clínica
 - LifeLong Medical Care
 - o Native American Health
 - Roots Community Health Center
 - o Tiburcio Vasquez Health Center
 - West Oakland Health

VACCINES FOR THE PUBLIC AT MASS VACCINATION SITES:

- Alameda Fairgrounds in Pleasanton: for Alameda County residents. Click here for appointment info.
- The Buchanan site in Albany is open for people living in northern Alameda County.

VACCINES THROUGH PHARMACIES:

- CVS pharmacies
- Rite Aid pharmacies
- Walgreens pharmacies

VACCINES THROUGH COMMUNITY POP-UPS:

- Oakland school site pop-ups and other sites for 12+
- Umoja Vaccine: United in Health Oakland: see flyer
 - Hotline: call 1-888-763-0007 and leave a phone number.
- Fremont High School:

Appointments and drop-in available for persons ages 18 and

older. Hours of operation are Thursday, Friday, and Saturday 8 am-4 pm. To make an appointment call (510) 208-4829.

- City of Refuge United Church of Christ
- Unity Council in the Fruitvale, East Oakland



Bienvenidos Con Cita y Sin Cita

<u>Disponible Aquí</u>: Vacuna Moderna para mayores de 18 años Para Residentes de Alameda County

Escuela Fremont High Gym

High Street & Ygnacio Avenue, Oakland, CA 94601



Horas de Operación

Jueves 8am-4pm Viernes 8am-4pm Sábado 8am-4pm

Enlace Para Hacer Cita: bit.ly/AlCoSignUp 510-208-4VAX, 510-208-4829





COVID-19 FREE TESTING & VACCINATION DATES

i Realth efforts are focused on engaging and uplifting the Black/Atrican American commune We are also dedicated to serving those in the zip codes hit hardest by COVID-19. Find us in your neighborhood at one of our pop-up events.

WEEKLY LOCATIONS: hursdays at Center of Hope 8411 MacArthur Blvd 10:30–2:30pm

> Fridays at CHORI 750 Aileen Street 9:30-130p

> > lt's

your turn

CATCH US AT OUR NEXT POP-UP!





SUNDAY 5/16/21 Akoma Market 6955 Foothill Blvd 10am-230pm

Find out about our next Pop Up testing AND Vaccine dates at www.unitedinhealthoakland.org

Free COVID-19 Vaccine For Alameda County Residents

Appointments & Drop-Ins

Available Here:

Moderna vaccine for 18 years and older Alameda County Residents

Fremont High School Gym

High Street & Ygnacio Avenue, Oakland, CA 94601 (Close to Foothill Blvd. · ADA Accessible · Check Street Sweeping)



Hours of Operation

Thursday 8am-4pm Friday 8am-4pm Saturday 8am-4pm

To book an appointment: bit.ly/AlCoSignUp

510-208-4VAX, 510-208-4829







VACCINES THROUGH COUNTY VACCINATION SITES:

- Alameda County COVID-19 vaccine access
 - Get an appointment: bit.ly/AlCoSignUp
 - Getting a Vaccine in Alameda County flyer (5/20/2021): English | Spanish | Arabic |

Chinese (Simplified) | Vietnamese

- Vaccinations for people experiencing homelessness
- Vaccinations for youth
- Kaiser, Sutter, and Stanford get their own supply, so check with them separately.
- Contra Costa County COVID-19 vaccine access
 - Walk-in sites (no appointment required)
 - Click here to make an appointment or call 1-833-829-2626.
 - To bring equity-related concerns to Contra Costa County's attention, click here.
- Solano County vaccine access
 - Please click here and scroll down for vaccine sites.

Vaccines are now readily available with plentiful supply with choices for the Pfizer, Moderna or J&J vaccines.

WHAT VACCINES ARE CURRENTLY AVAILABLE?

We have three authorized vaccines available: the Pfizer and Moderna two-dose vaccines and the Johnson & Johnson's (J&J) one-dose vaccine. All three authorized vaccines are highly protective, especially against severe disease, and 100% effective in clinical trials against hospitalization and death.

- See how the authorized vaccines work: download PDF infographics from the CDC -
 - How the Pfizer and Moderna mRNA vaccines work: in English and Spanish.
 - How the J&J viral vector vaccines work: in English and Spanish.

Here is an infographic from Alameda County showing the 3 available vaccines. Clinical trials show that they are all safe and highly effective.

| | Pfizer | Moderna | Johnson & Johnson |
|--|---|---|--|
| Safe and effective for ages | 16+ | 18+ | 18+ |
| Protection against death & hospitalizations | 100% after 2nd dose | 100% after 2nd dose | 100% after single dose |
| Effectiveness | 95% effective at preventing COVID-19 illness 1 week after 2nd dose | 94% effective at preventing COVID-19 illness 2 weeks after 2nd dose | 77% effective at preventing severe or critical COVID-19 after 2 weeks, increasing to 85% after 4 weeks |
| Doses needed | 2 2nd dose is 3 weeks after 1st dose | 2 2nd dose is 4 weeks after 1st dose | 1 2nd dose not needed |
| Potential side effects | Injection site pain, fatigue, headache, muscle pain, joint pain, chills, fever | Injection site pain, fatigue, headache, muscle pain, joint pain | Injection site pain, fatigue, headache, muscle pain |
| Causes COVID-19 or changes genetic material | No | No | No |
| COVID-19 vaccine type | mRNA | mRNA | viral vector |

Please Note

- These vaccines have NOT been compared in head-to-head studies. All three were developed and tested at different times
 and in different environments during the pandemic.
- mRNA vaccines use harmless genetic material (mRNA) that instruct the body to generate an immune response to COVID-19
- $\bullet \ \ \text{Viral vector vaccines use a harmless modified version of a non-COVID-19 virus to generate an immune response } \\$

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY



Johnson & Johnson vaccines and blood clots:

On April 23, after a 10-day pause, the CDC voted to resume vaccinations with the Johnson & Johnson (J&J) vaccine for people ages 18+ because the benefits far outweigh the risks of rare blood clots. Meeting slides and data updates discussed at the April 23rd CDC Advisory Committee on Immunization Practices (ACIP) meeting can be downloaded here. Please see the Alameda County infographic below on the relative risks.

Read CDC updated questions and answers on the J&J vaccine here and the detailed CDC process, analysis and recommendations on the J&J vaccine here.

Click here for J&J updates from California state and fact sheets in multiple languages.

CLICK HERE FOR MORE INFO ON THE J&J VACCINE AND CLINICAL GUIDANCE

Vaccines for ages 12-17: Currently only the Pfizer vaccine is approved for use in people ages 12-17. The Moderna and Johnson & Johnson vaccines are approved in people ages 18 and over. In Alameda County, Coliseum, Buchanan, Kaiser, Sutter, Stanford, and Children's Hospital Oakland and increasing numbers of vaccination sites offer the Pfizer vaccine for 12-17 year olds.

Moderna announced on May 25 that their vaccine is 100% effective for 12-17 year olds in a clinical trial that enrolled 3,732 people ages 12 to 17. Moderna plans to submit data to the FDA for authorization in early June. Pfizer plans to submit data and an authorization request for children ages 2-11 in September.

PEOPLE LIVING WITH HIV AND COVID-19 VACCINES

All people living with HIV (PLWH) are recommended to get the COVID-19 vaccine. The approved vaccines are not live vaccines and are considered safe for people living with HIV regardless of CD4 count. There is data showing that people living with HIV and CD4 counts less than 200 may have greater risk for hospitalizations and death, so consider prioritizing outreach, education and vaccinations for this potentially more-at-risk group.

The Moderna vaccine trial included 179 PLWH and the Pfizer trial included 196 PLWH. There is currently no recommendation to check antibody levels for people living with HIV after completing vaccination. While T-cell and B-cell immunity is considered critically important, this is not easily measured so we use spike antibody levels as a proxy. We don't know yet how much commercially available SARS-CoV2 antibody tests check for protective levels of spike antibodies generated by the vaccines. If spike antibodies are positive, this may be reassuring, but a negative test is more difficult to interpret (e.g. there may be some protection not measured by antibody levels). Providers and patients may discuss the risks and benefits of checking for spike IgG antibody levels two or more weeks after the second vaccine dose while we await more data. If post-vaccination antibodies are checked, be sure to order the anti-spike IgG (not anti-nucleocapsid)

antibodies, such as these: click for the Quest and LabCorp SARS-CoV2 spike antibody test codes.

Resources for PLWH and COVID-19 vaccines: UNAIDS infosheet on COVID-19 vaccines and HIV, Clinical FAQs with Dr. Paul Sax at Harvard and The New England Journal of Medicine, Clinical FAQs for people living with HIV from HIVMA (PDF), Guidance for talking with patients and FAQs for PLWH from Alameda Health Systems (PDF).

HELP THE VACCINE ROLL-OUT EFFORT!

- Health care clinics and organizations are encouraged to enroll in CalVax to become vaccinators.
- To volunteer at a county vaccination site, please register here.
- **To volunteer** at a state MyTurn vaccination site, please register here.

MORE VACCINE RESOURCES

DISPARITIES DATA AND STUDIES

More incarcerated people have died of COVID-19 in US correctional facilities in the past year than died by capital punishment in the past 70 years, according to the U.S. Justice Department. Now, a new study shows that two-thirds of people in California's 35 state prisons have had at least one dose of a coronavirus vaccine, according to the newly published report by the Stanford-CIDE Coronavirus Modeling Team. That compares favorably with the 62.6% rate among the state's vaccine-eligible population and the 46.6% rate nationwide.



CDPH CA State COVID-19 dashboard 5/19/21: Latinx and Black/African American Californians continue to be disproportionately impacted by COVID-19.

Vaccine Impact – Alameda County's First 26 SNFs to be Vaccinated

26 SNFs that completed all three of the CDC FPP vaccination clinics first Updated 5/5/21

| Year | Separate outbreaks | Positive residents | Resident hospitalizations | Resident deaths |
|------|--------------------|--------------------|------------------------------|--------------------|
| 2020 | 79 | 1,330 | 210 | 173 |
| 2021 | 20 | 23 | 3 | 1 |
| | | | | |

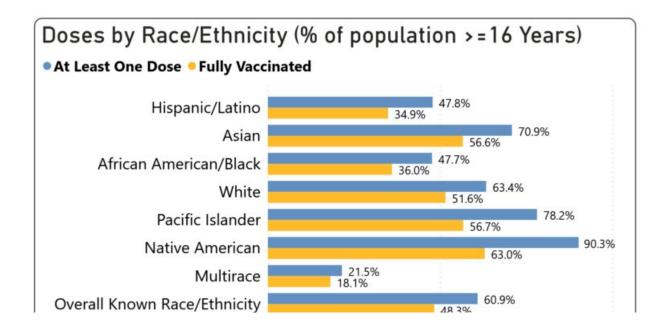


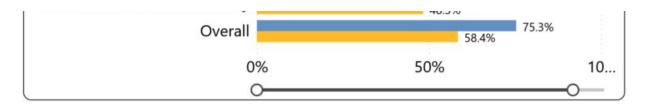


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Great news! Deaths among our elders continue to be much lower this year compared to last year.

Data from Alameda County skilled nursing facilities (SNFs) show the huge positive impact of vaccinations. Among the first 26 SNFs to have their residents vaccinated, there were 173 resident deaths in 2020 and only 1 so far in 2021. California reports that 98% of its 85,000 nursing home residents have been vaccinated with at least one dose.





Alameda County vaccination rates by race/ethnicity as of May 19 show that Latinx and Black/African American are less likely to have been vaccinated compared to White, API or Native American residents.

The latest KFF COVID vaccine survey shows that Latinx adults are about twice as likely as White adults to say they want to get a COVID-19 vaccine as soon as possible and report access-related barriers to vaccination. This represents an important opportunity for our organizations to address concerns around cost (reassure people the vaccine is free), insurance and immigration status, and make vaccinations convenient around hours and location and coming from trusted organizations.

La Clínica has new videos on COVID vaccines in Mayan Mam and in Spanish.

New vaccine equity guidance shared by the CDC HIV prevention division: Click to download

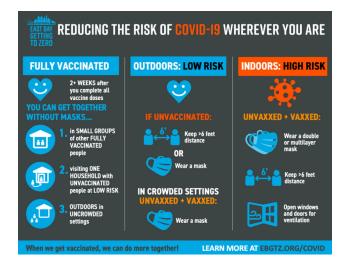
- COVID-19 Vaccine Equity: Best Practices for Community and Faith-based Organizations
- A Guide for Community Partners includes strategies, interventions, and ready-made messages and materials.
- Toolkit for Correctional and Detention Facilities

HARM REDUCTION TIPS AND RESOURCES

CLICK HERE FOR DETAILS ON WHAT FULLY VACCINATED PEOPLE CAN DO

CLICK HERE FOR INFO ON DOUBLE-MASKING

Our COVID-19 harm reduction infographics are updated to include prevention for fully vaccinated people and are available in English and Spanish! Please click here to download, share and print the graphics in English and in Spanish.





clinic teams might find helpful around specific considerations for PLWH.

To slow the spread of COVID-19 when we're in public:

- · Wear masks and glasses,
- Stay outdoors whenever possible,
- Avoid crowds and maintain at least six feet distance from others.
- · Sanitize or wash hands frequently,
- Stay home when sick, and
- Get vaccinated when it's our turn!

Free COVID testing sites: Click here for Alameda County, Contra Costa County and Solano County testing sites.

COVID-19 harm reduction strategies: Use as many of these as you can!

| , | Strategy | % reduction |
|---|----------------------|-------------------------|
| | 1. Vaccination | 95% mRNA EUA vaccines |
| | 2. Masking | 60-95% |
| ₽ P | 3. Staying outdoors | ~95% in one case series |
| ₽ ↔₽ | 4. Distancing | 53-88% |
| | 5. Eye protection | 78% |
| | 6. Hand hygiene | 28-45% |
| | 7. Testing/isolation | 33% |
| Updated 12.23.20 * Data compiled by Sophy S. Wong, MD Icons by Good Ware, Freepik and Srip on Flaticon.com | | |

Our **summary of COVID prevention research** is constantly updated with new studies.

HIV UPDATES

A large randomized-controlled trial of HIV antiretroviral

therapy (ART) in pregnant women in 9 countries found that dolutegravir-containing regimens had superior virologic suppression and, combined with TAF/F (emtricitabine and tenofovir alafenamide fumarate), the lowest risk for maternal and fetal adverse events.

A study from the Expanded HIV Testing and Linkage to Care Program, a collaboration between 13 health care centers in Chicago, showed that during the COVID-19 pandemic Emergency Departments (EDs) that integrated HIV screening with COVID-19 screening had 2.4x higher rates of acute HIV diagnoses per day (26%) during the pandemic compared to the 4 years prior to the pandemic. The study authors suggest that patients with acute HIV may be more likely to come in for testing because they are concerned about possible COVID-19 infection. This study demonstrates the importance of integrating opt-out HIV screening into EDs and into COVID-19 testing.

OTHER UPDATES AND OPPORTUNITIES:

Updated June 2nd, 2021

Job opportunities:

- MPact Global Action for Gay Men's Health and Rights is an organization focused on the broader sexual health and human rights needs of all men who have sex with men. There are four positions open at MPact: Monitoring & Evaluation Specialist, Contracts and Grants Manager, Senior Manager of Community Mobilization, Director of Training and Technical Assistance. Learn more about these positions here.
- California Department of Public Heath's STD Control Branch is recruiting to fill a Research Scientist II (RS II) position. Learn more about the position here.
- California Department of Public Health is recruiting for the position of Antimicrobial Resistance Coordinator. Learn more about the position here.

• **Roots Community Health Center** is looking for a Medical Director of Adult Medicine. Learn more about the position here.

Funding opportunities:

• **Rise Up** has released a Request for Proposals to launch their Girls' Voices Initiative (GVI) program locally in California. They will select one organization to implement our Girls' Voices Initiative in the Bay Area or Central Valley. If you are interested in applying, please reach out to Rahwa Hassen at rhassen@riseuptogether.org

Internships, Scholarships and more

The California Healthcare Foundation's Health Equity Fellowship Program is seeking
applications. The mission of the fellowship program is to identify, develop, and support
emerging Black, Indigenous, and People of Color leaders who have the capacity to become
local and regional catalysts for health equity across California. Learn more about the
opportunity here.

Youth opportunities:

• The 2021 **Queens of the Castro Scholarship** cycle is now open. They are seeking applicants in California, ages 16-25, who identify as members of the LGBTQ+ community. Learn more about the opportunity here.

Web events:

- **Richmond Rainbow Pride** is hosting a virtual Pride event on Sunday, June 6 starting at 12 pm. RSVP via their FB page here.
- **Alameda County Care Connect** is offering a training on virtual facilitation on Tuesday, 6/8 at 10 am. Click here to learn more and register.
- **GetSFcba** is hosting a web event on HIV Testing and Prevention in Jail Settings on 6/3 at 11am. Register for the event here.
- **PAETC** is hosting 'Managing Medical Distrust Symposium: Actionable Steps to Cultivate Trust with Communities of Color' on 6/16-6/17 at 10am. Learn more about the event here.
- June 5th marks 40 years since the first cases of AIDS were reported by the federal government. On this important date in the long fight against HIV/AIDS, the National AIDS Memorial the nation's federally-designated memorial to AIDS will honor the more than 700,000 lives lost to AIDS, the survivors, and the heroes, during the past four decades. Starting at noon, visitors can stroll through the National AIDS Memorial Grove (in Golden Gate Park) to see the thousands of names engraved within the Memorial and experience a powerful 40-Block display of the AIDS Memorial Quilt. Register here to attend the event.

Other resources:

• **Dr. Natalie Wilson** is leading a qualitative study to examine the individual-, social-, and structural-level factors that fuel late HIV diagnosis within a social-epidemiological framework. This study will yield formative data for a future NIH grant proposal to develop

public health strategies to address late diagnosis. If you have patients that are interested in participating in this study, please have them contact Dr. Natalie Wilson at natalie.wilson@ucsf.edu or call 415-476-0716, and leave a message with name and number with study interest. The interviews are expected to start late June to July.

• Bay Area Community Health is convening a Re-Entry Collaborative Meeting every first Monday of the month from 3-4pm (at this Zoom link) to facilitate communication, share best practices and support re-entry community. If you have questions about the meetings, please reach out to Allison Coleman at: acoleman@bach.health

HIV services during COVID-19: Click here for Contra Costa HIV services and see our online directory for Alameda County HIV services.

If your organization is in Alameda County and needs COVID-related supplies or staffing, please go to the Emergency Medical Services website to request PPE and testing supplies and request staffing.

Please follow and share our Instagram, Facebook and Twitter accounts.

A note about this webpage: COVID and HIV practice-changing updates will be posted on this page, usually weekly on Wednesday evenings. New studies will be continuously added to our summary of COVID-19 harm reduction strategies. The emailed HIV+COVID-19 update newsletters are sent monthly on third Wednesdays.



Official Alameda County COVID-19 weekly updates are accessible on the county website and will not longer be posted on this page. You can sign up to receive the Alameda County weekly COVID-19 newsletter by emailing Jamie.Yee@acgov.org.

CLICK HERE FOR ALAMEDA COUNTY WEEKLY NEWSLETTERS

TOP LINKS:

- **COVID Vaccines:** Alameda County, Contra Costa County, Solano County, California State, CA vaccine progress tracker
- COVID Vaccine Myths and Facts and FAQs in English, Español, 中文, and Arabic and Questions & Answers
- COVID vaccine safety updates (CDC)
- **COVID testing:** locations in the Bay Area; Alameda County, Contra Costa County, Solano County; CDC guidance on home testing.
- **Phone numbers/Centro de llamadas**: Contra Costa County- (844) 729-8410, Solano County- 707-784-8988, Alameda County vaccine line in English, Spanish, Mandarin for those who cannot navigate the internet: 510-208-4VAX or 510-208-4829

- **COVID supports** (food, housing, stipends, etc.): Alameda County resources and ARCH isolation stipends, Contra Costa County, Solano County
- Public Health Department updates: Alameda County, Contra Costa County, Solano County, California State
- What's open: Alameda County, Contra Costa County, Solano County, California State and CA rules on reopening
- COVID data: Alameda County, Contra Costa County, Solano County, California State, California (SF Chronicle), US (CDC), US by race (CDC), National/Global (JHU). Variants: in the US (CDC) and in California.
- Maximizing mask protection: CDC guidance, EBGTZ mask videos, guidance and resources
- **COVID PPE, staffing or testing supplies:** Alameda County EMS- request PPE, request staffing or request testing supplies.
- **HIV:** FAQs for people living with HIV (PLWH) and Preguntas Frecuentes in Spanish, Guidance for PLWH (CDC), Guidance for HIV providers (HIVMA), Vaccines for PLWH (HIVMA), UNAIDS infosheet on COVID-19 vaccines and HIV
- HIV services during COVID-19: Click here for Contra Costa HIV services, Alameda County HIV services, SF Community Clinic HIV clinic reopening guidance
- **Key Communities:** Harm Reduction Coalition, Immigrants Rising, Protecting Immigrant Families: Public Charge, Healthcare for the Homeless, COVID info in Asian languages

LOOKING FOR COVID-19 TESTING?

- Rapid COVID-19 antigen home tests are now available: The BinaxNow antigen home self-test, retailing at 2 tests for \$23.99 is now sold at pharmacies (CVS, Walgreens, Walmart) and online retailers nationwide. The 15-minute test is done with a nasal swab, with results showing on a card. Additional antigen tests will be on sale soon too. The CDC has guidance on what individuals should do following a negative or positive at-home test.
- SF Chronicle's map of Bay Area testing sites that don't require a doctor's referral.
- **Alameda County** COVID testing sites: This webpage includes community-based sites offering free testing for anyone with symptoms, including people without health insurance.
- Contra Costa County free drive-through or walk-in COVID testing
- Solano County free testing sites
- Please check the listing for updates and call the testing site before you leave to make sure they are open for testing, you are eligible, and register if needed.
- If you don't have a provider and have COVID symptoms: In Alameda County, call Alameda Health System 510-437-8500 for a phone screen and guidance. In Contra Costa County, call 844-729-8410. In Solano County, the county COVID warmline is 707-784-8988.
- If you're having difficulty breathing and unstable, please go to your nearest emergency room.



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RESOURCES

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