

US data reveals racial gaps in monkeypox vaccinations

August 26 2022, by MIKE STOBBE, CARLA K. JOHNSON and ZEKE MILLER



A registered nurse prepares a dose of a monkeypox vaccine at the Salt Lake County Health Department in Salt Lake City on July 28, 2022. The Biden administration said Friday, Aug. 26, 2022, that it has shipped enough monkeypox vaccine to deliver the first of two doses to all of the 1.6 million people identified to be at highest risk of infection from the virus. Credit: AP Photo/Rick Bowmer, File

The Biden administration said Friday there's enough [monkeypox](#) vaccine available now but health officials say the shots aren't getting to some of the people who need the protection the most.

About 10% of monkeypox vaccine doses have been given to Black people, even though they account for one-third of U.S. cases, according to the Centers for Disease Control and Prevention. The new numbers come from 17 states and two cities, and represent the most comprehensive details yet on who has been getting the two-dose vaccines. Similar disparities had been reported previously by a few states and cities.

Most U.S. monkeypox cases have been in men who have sex with men, but officials have stressed that anyone can catch the virus.

Experts offered several possible explanations for the disparity. It may be related to how and where shots are being offered and publicized. It may be that some Black men don't trust doctors and government public health efforts. Or they may be less willing to identify themselves as a person who is at higher risk of catching the disease.

The gap is an echo of disparities seen during the COVID-19 pandemic, when certain racial groups were a disproportionately large share of cases but a smaller fraction of the people initially receiving vaccinations, said Dr. Yvens Laborde, director of global health education at Ochsner Health in New Orleans.

"If we're not careful, the same thing will happen here" with monkeypox, he said.

Available information suggests that Black men are a growing proportion of monkeypox cases, said Caitlin Rivers, a Johns Hopkins University expert on government response to epidemics.

"This is a problem that is not resolving," she said.

The Biden administration said Friday it has shipped enough monkeypox vaccine to deliver the first of two doses to the group at highest risk of infection. That's an estimated 1.6 million men who have sex with other men, but the CDC does not have a racial breakdown of the group. The administration expects to have enough for second doses available by the end of next month.

Earlier this month, health officials authorized a plan to allow injection of smaller doses of the vaccine into the skin instead of into muscle, which has helped stretch supplies. With the help of that new method, which requires about one-fifth the usual dose, the administration says it has now shipped enough vaccine for at least 1.6 million doses.

According to the administration, only 14 jurisdictions of 67 have used enough vaccine to request more from the federal stockpile.

Some experts say health officials need to make sure Black men have more access to vaccinations, testing, treatment and other types of information and assistance.

CDC director Dr. Rochelle Walensky, speaking at a White House briefing, said her agency has taken steps to increase access. Vaccines and educational materials will be available at Atlanta's upcoming Black Pride events and New Orleans's Southern Decadence.

"We've seen as we're starting to roll these pilot projects out that they are working," she said.

The government hadn't previously reported on vaccine recipients' demographics, because such information sharing is voluntary. The numbers released Friday reflect information on about 208,000 doses

administered as of earlier this week, out of more than 1 million shipped. Age, sex, racial and ethnic information was not available for every recipient.

But, based on what information was available, the data shows:

—About half of vaccine recipients were white and about a quarter were Hispanic. About 10% were Black and another 10% were Asian.

—About 94% were identified as male, and 6% female.

—More than half were between the ages of 25 and 39.

The gaps nationally echo those seen in statistics from Georgia, North Carolina, New York City and Washington, D.C. In all four locales, Black men accounted for many or most of the cases, but were a smaller proportion of vaccine recipients.

Monkeypox is endemic in parts of Africa, where people have been infected through bites from rodents or small animals. It wasn't considered a disease that spreads easily among people until May, when infections emerged in Europe and the U.S.

There have been more than 45,000 cases reported in countries that have not historically seen monkeypox.

The U.S. has the most infections of any country—more than 16,000. About 98% of U.S. cases are men and about 93% were men who reported recent sexual contact with other men. No one in the U.S. has died, but deaths have been reported in other countries.

Officials say the virus has been spreading mainly through skin-on-skin contact, but they warn it might also transmit in other ways, including

through touching linens used by someone with monkeypox.

© 2022 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: US data reveals racial gaps in monkeypox vaccinations (2022, August 26) retrieved 15 July 2023 from <https://medicalxpress.com/news/2022-08-reveals-racial-gaps-monkeypox-vaccinations.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.