From Me, To You.

A Communication Effort to Encourage Vaccination During Pregnancy

Communication Effort Summary:

Many Black pregnant people express feeling increased vulnerability within the healthcare system as they navigate nationwide Black maternal and infant mortality crises.¹⁻⁵ These health inequities exist within an environment where some Black pregnant people may view parts of their pregnancy as potentially traumatic experiences. ⁶⁻⁹

Given these lived experiences, there are many factors that may impact vaccination for Black pregnant people. The Centers for Disease Control and Prevention (CDC) created the **From Me, To You** effort to invite Black pregnant people, their loved ones, and their healthcare providers into a conversation about how recommended vaccinations during pregnancy help pregnant people share protection with their babies. This effort is informed by feedback from Black pregnant people, intentionally centering on the beauty, excitement, and rich cultural legacy of Black parenthood.

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Many pregnant people who do get vaccinated describe their provider's recommendation as an important motivator toward vaccination.¹⁵⁻¹⁸



The Urgency:

Getting recommended vaccinations during pregnancy provides important protection against severe illness for pregnant people and their babies. ¹⁰⁻¹¹

However, prenatal vaccination coverage remains low, especially among Black pregnant people. Concerns about safety, especially for newly recommended vaccines, may discourage some pregnant people from getting vaccinated.¹²⁻¹⁵ Many pregnant people who do get vaccinated describe their provider's recommendation as an important motivator toward vaccination.¹⁵⁻¹⁸ However, research indicates Black pregnant people may be less likely to receive a vaccination offer or referral from their provider than pregnant people from other racial and ethnic groups.¹⁹⁻²⁰



cdc.gov/vaccines/events/from-me-to-you.html

Inequities in prenatal vaccination coverage among Black pregnant people:

Influenza²¹

39.5% of Black pregnant people received the 2022-2023 influenza vaccine, as of April 2023.

Compared to:

46.1% (White pregnant people) 52.7% (Hispanic or Latino pregnant people)

Tdap²¹

31.4%

of Black pregnant people who were pregnant during the 2022-2023 influenza season received the Tdap vaccine, as of April 2023.

Compared to:

50.8% (Hispanic or Latino pregnant people) 62.2% (White pregnant people)

COVID-19²⁴

4.4%

of Black pregnant people received an updated 2023-2024 COVID-19 vaccine, as of December 2023.

Compared to:

- 6.1% (Hispanic or Latino pregnant people)
- 7.7% (Native Hawaiian/Pacific
- Islander pregnant people) 10.9% (American Indian/Alaska Native pregnant people)
- 11.5% (Overall pregnant people)
- 15.8% (White pregnant people)
- 19.7% (Asian pregnant people)

RSV²²

7.4%

of Black pregnant people received the RSV vaccine, as of December 2023.

Note: As of September 2023, there are two recommended options to protect pregnant people and their babies from RSV. Either maternal RSVpreF vaccination during pregnancy **or** nirsevimab administration to the infant is recommended to prevent RSV-associated lower respiratory tract infection (LRTI) among infants, but both are not needed for most infants. All infants should be protected against RSV-associated LRTI through the use of one of these products.²³

Compared to:

- 11.1% (Hispanic or Latino pregnant people)
- 12.8% (Overall pregnant people)
- 14% (Native Hawaiian/Pacific Islander pregnant people)
- 14.2% (American Indian/Alaska Native pregnant people)
- 14.4% (White pregnant people)
- 18.1% (Asian pregnant people)

Goals:

This effort prioritizes reaching Black pregnant people and Black people between the ages of 18-45 years who may consider becoming pregnant. The goals of this effort are to:

- Raise awareness of the importance of receiving recommended vaccinations during pregnancy.
- Increase knowledge about how vaccination helps a pregnant person share protection with their baby.
- Equip trusted voices (e.g., prenatal care providers, community organizations, family, friends) with additional resources to support pregnant people as they make their vaccination decisions.
- Encourage prenatal care providers to meaningfully recommend and offer appropriate vaccinations during pregnancy.

Key Messages:

- Getting recommended vaccinations while you're pregnant helps your body create protective antibodies (proteins produced by the body to fight off illnesses) that are shared with your baby.
- Antibodies from you can help protect your baby from several illnesses during their first few months of life.
- A healthcare provider's strong recommendation for vaccination during pregnancy is one of the main predictors of vaccination uptake.
- All recommended vaccines are held to the highest standards of safety—meaning they are carefully studied and monitored for side effects.



Talk to a healthcare provider you trust about the vaccines that are right for you during your pregnancy.

Communication Resources:

From Me, To You includes resources in both English and Spanish to support Black pregnant people as they make their vaccination decisions. Our website offers shareable graphics and social media content, current vaccination recommendations, fact sheets, posters, a provider toolkit, safety data, information on possible vaccination side effects, and answers to commonly asked vaccination questions.

Additionally, our partnerships explore perspectives from Black pregnant people who chose to get vaccinated during their pregnancy.

Partner With Us:

CDC

We invite you to join us in encouraging:

• Black pregnant people to discuss getting recommended vaccinations with their healthcare provider.

CDC

• Healthcare providers to recommend and offer appropriate vaccinations during pregnancy.

Share communication materials on your websites, in newsletters, and through social media channels.



Connect with us and learn more at cdc.gov/vaccines/events/ from-me-to-you.html

Citations:

¹OjiNjideka Hemphill N, Crooks N, Zhang W, et al. Obstetric experiences of young black mothers: An intersectional perspective. Soc Sci Med. 2023;317:115604. doi:10.1016/j.socscimed.2022.115604

² Lett E, Hyacinthe MF, Davis DA, Scott KA. Community Support Persons and Mitigating Obstetric Racism During Childbirth. Ann Fam Med. 2023;21(3):227-233. doi:10.1370/afm.2958

³ Many women report mistreatment during pregnancy and delivery. Centers for Disease Control and Prevention. Updated September 29, 2023. https://www.cdc.gov/vitalsigns/respectful-maternity-care/index.html.

⁴Infant mortality. Centers for Disease Control and Prevention. Updated September 13, 2023. https://www.cdc.gov/reproductivehealth/maternalinfanthealth/infantmortality.htm.

⁵Working together to reduce Black maternal mortality. Centers for Disease Control and Prevention. Updated April 3, 2023. https://www.cdc.gov/healthequity/features/maternal-mortality/index.html.

⁶Dmowska A, Fielding-Singh P, Halpern J, Prata N. The intersection of traumatic childbirth and obstetric racism: A qualitative study. Birth. Published online October 17, 2023. doi:10.1111/birt.12774

⁷White VanGompel E, Lai JS, Davis DA, et al. Psychometric validation of a patient-reported experience measure of obstetric racism© (The PREM-OB Scale[™] suite). Birth. 2022;49(3):514-525. doi:10.1111/birt.12622

⁸ Hill AV, Balascio P, Moore M, Hossain F, Dwarkananth M, De Genna NM. Young black women's desired pregnancy and birthing support during coronavirus disease 2019 pandemic. SSM Qual Res Health. 2023;4:100333. doi:10.1016/j. ssmqr.2023.100333

⁹Karbeah J, Hardeman R, Katz N, Orionzi D, Kozhimannil KB. From a Place of Love: The Experiences of Birthing in a Black-Owned Culturally-Centered Community Birth Center. J Health Dispar Res Pract. 2022;15(2):47-60.

¹⁰ ACOG Committee Opinion No. 741: Maternal Immunization. Obstet Gynecol. 2018;131(6):e214-e217. doi:10.1097/ AOG.00000000002662 10.1002/ijgo.14981

¹¹ Cox E, Sanchez M, Taylor K, et al. A Mother's Dilemma: The 5-P Model for Vaccine Decision-Making in Pregnancy. Vaccines (Basel). 2023;11(7):1248. Published 2023 Jul 17. doi:10.3390/vaccines11071248

¹² Battarbee AN, Stockwell MS, Varner M, et al. Attitudes Toward COVID-19 Illness and COVID-19 Vaccination among Pregnant Women: A Cross-Sectional Multicenter Study during August-December 2020. Am J Perinatol. 2022;39(1):75-83. doi:10.1055/s-0041-1735878

¹³ Mitchell SL, Schulkin J, Power ML. Vaccine hesitancy in pregnant Women: A narrative review. Vaccine. 2023;41(29):4220-4227. doi:10.1016/j.vaccine.2023.05.047

¹⁴ Rand CM, Olson-Chen C. Maternal Vaccination and Vaccine Hesitancy. Pediatr Clin North Am. 2023;70(2):259-269. doi:10.1016/j.pcl.2022.11.004

¹⁵Zimmerman M, Zapata LP, Bachiller K, et al. Comparison of attitudes toward routine maternal vaccines and COVID-19 vaccines among pregnant patients in an urban safety-net setting. J Natl Med Assoc. 2023;115(4):362-376. doi:10.1016/j. jnma.2023.04.003

¹⁶ Kiefer MK, Mehl R, Costantine MM, et al. Association between social vulnerability and influenza and tetanus-diphtheria-acellular pertussis vaccination in pregnant and postpartum individuals. Am J Obstet Gynecol MFM. 2022;4(3):100603. doi:10.1016/j.ajogmf.2022.100603

¹⁷ Spires B, Brewton A, Maples JM, Ehrlich SF, Fortner KB. Vaccine Hesitancy in Women's Health. Obstet Gynecol Clin North Am. 2023;50(2):401-419. doi:10.1016/j.ogc.2023.02.013

¹⁸ Wales DP, Khan S, Suresh D, Ata A, Morris B. Factors associated with Tdap vaccination receipt during pregnancy: a cross-sectional study. Public Health. 2020;179:38-44. doi:10.1016/j.puhe.2019.10.001

Citations (cont'd):

¹⁹ Kortsmit K, Oduyebo T, Simeone RM, et al. Influenza and tetanus, diphtheria, and acellular pertussis vaccination coverage during pregnancy: Pregnancy Risk Assessment Monitoring System, 2020. Public Health Rep 2023;00333549231179252. http://doi.org/10.1177/00333549231179252 http://www.ncbi.nlm.nih.gov/pubmed/37386826

²⁰ Razzaghi H, Kahn KE, Black CL, et al. Influenza and Tdap vaccination coverage among pregnant women—United States, April 2020. MMWR Morb Mortal Wkly Rep 2020;69:1391–7. http://dx.doi.org/10.15585/mmwr.mm6939a2

²¹Razzaghi H, Kahn KE, Calhoun K, et al. Influenza, Tdap, and COVID-119 Vaccination Coverage and Hesitancy Among Pregnant Women — United States, April 2023. MMWR Morb Mortal Wkly Rep 2023;72:1065–1071. DOI: http://dx.doi. org/10.15585/mmwr.mm7239a4

²² Respiratory syncytial virus (RSV) vaccination coverage, pregnant persons, United States. Centers for Disease Control and Prevention. Updated December 13, 2023. https://www.cdc.gov/vaccines/imz-managers/coverage/rsvvaxview/ pregnant-persons-coverage-intent.html.

²³ Fleming-Dutra KE, Jones JM, Roper LE, et al. Use of the Pfizer Respiratory Syncytial Virus Vaccine During Pregnancy for the Prevention of Respiratory Syncytial Virus–Associated Lower Respiratory Tract Disease in Infants: Recommendations of the Advisory Committee on Immunization Practices — United States, 2023. MMWR Morb Mortal Wkly Rep 2023;72:1115–1122. DOI: http://dx.doi.org/10.15585/mmwr.mm7241e1

²⁴COVID VaxView pregnant persons coverage. Disease Control and Prevention. Updated November 14, 2023. https://www.cdc.gov/vaccines/imz-managers/coverage/covidvaxview/interactive/pregnant-coverage-vaccination.html.