



HERO Online Vaccine Attitude Survey: Targeted Analysis

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The [Utah Health and Economic Recovery Outreach \(HERO\) Project](#) began in May 2020 as a collaborative statewide testing and analysis project to understand the community-based spread of Covid-19. The goal of the HERO Project is to collect and utilize high-quality local data to help inform decision-makers seeking to guide Utah's citizens and economy through a safe return to normalcy. This report summarizes an analysis on the HERO Project qualitative study to understand attitudes on vaccination among various communities in Utah. More information on the HERO Project's past and current work can be found in [previous reporting](#).

Analysis: Women Aged 18-35 with Pregnancy & Fertility Concerns

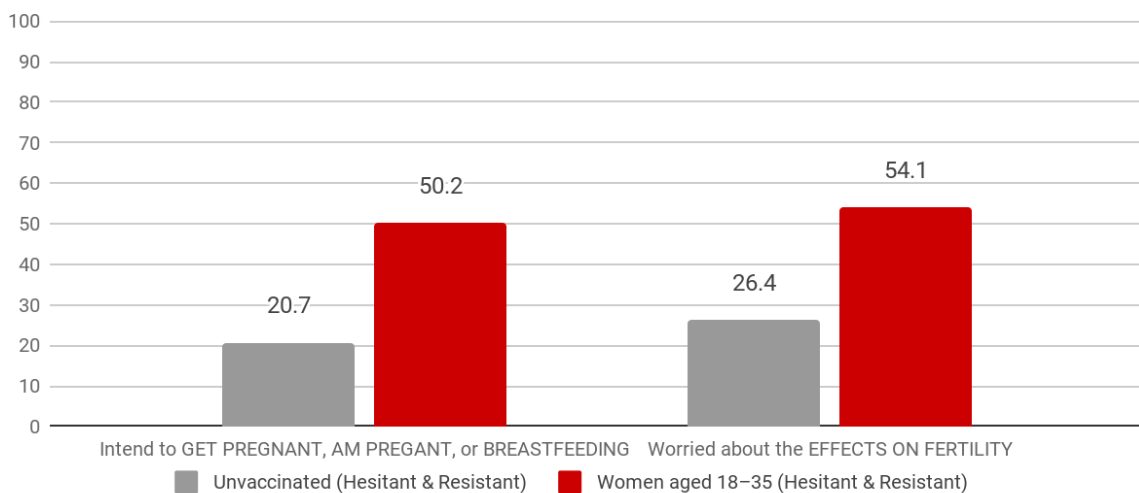
During the early summer of 2021, the HERO Project conducted efforts to gain insight into how Utahns perceived the Covid-19 vaccines and what had prevented people from being vaccinated. Among these, the HERO team used a web-based long-form survey to reach 2,399 Utahns throughout the state to better understand barriers, perceptions, and trusted sources of information surrounding vaccination. In addition to the specific questions answered by the survey broadly, this analysis is specific to the experiences of **unvaccinated women aged 18-35 with pregnancy or fertility concerns**.

Key Findings

For women aged 18-35 with pregnancy and fertility concerns, future side effects and quick vaccine development remain the most significant barriers. This group of respondents had similar perceptions of disease risk and vaccine safety/effectiveness as the other unvaccinated respondents. The survey identified doctors as an important source of information, especially for hesitant women.

Prevalence of Pregnancy and Fertility Concerns

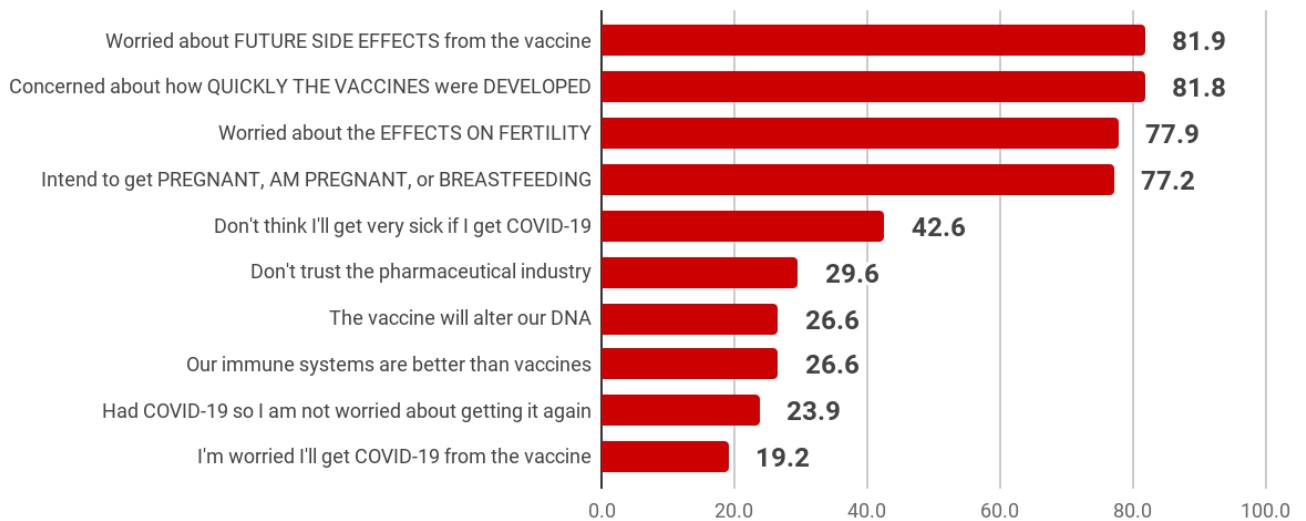
Percentage of Respondents having Pregnancy or Fertility Related Concerns
Unvaccinated (Hesitant & Resistant): n=400; Women (aged 18-35, Hesitant & Resistant): n=128



Major Reasons for Not Getting Vaccinated

Among hesitant and resistant women aged 18 to 35 with pregnancy or fertility concerns, the top reasons for not being vaccinated included worry about future side effects from the vaccines and the quick development of the vaccines.

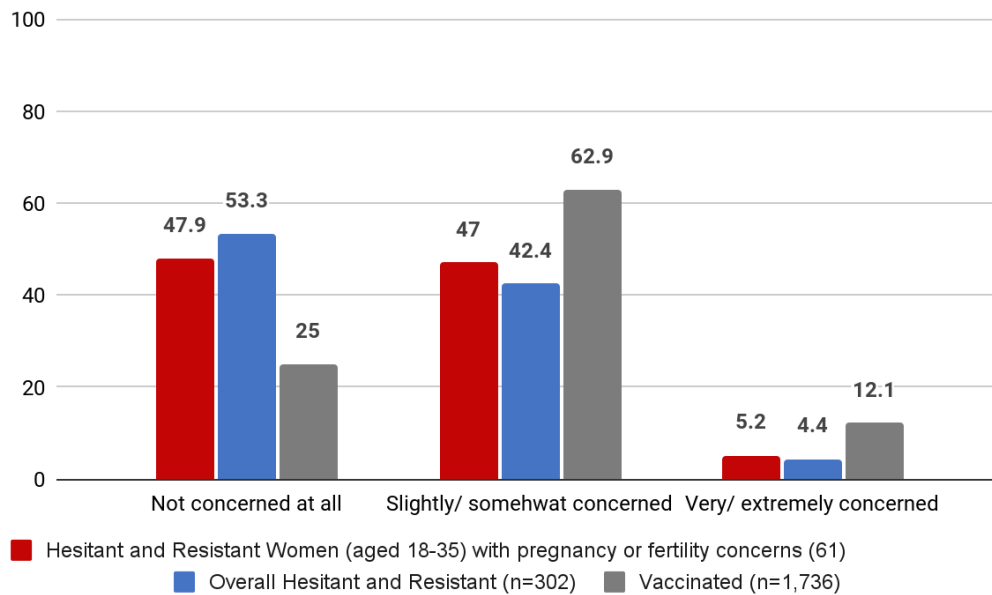
Hesitant and Resistant Women (aged 18-35) with pregnancy or fertility concerns (n=85)



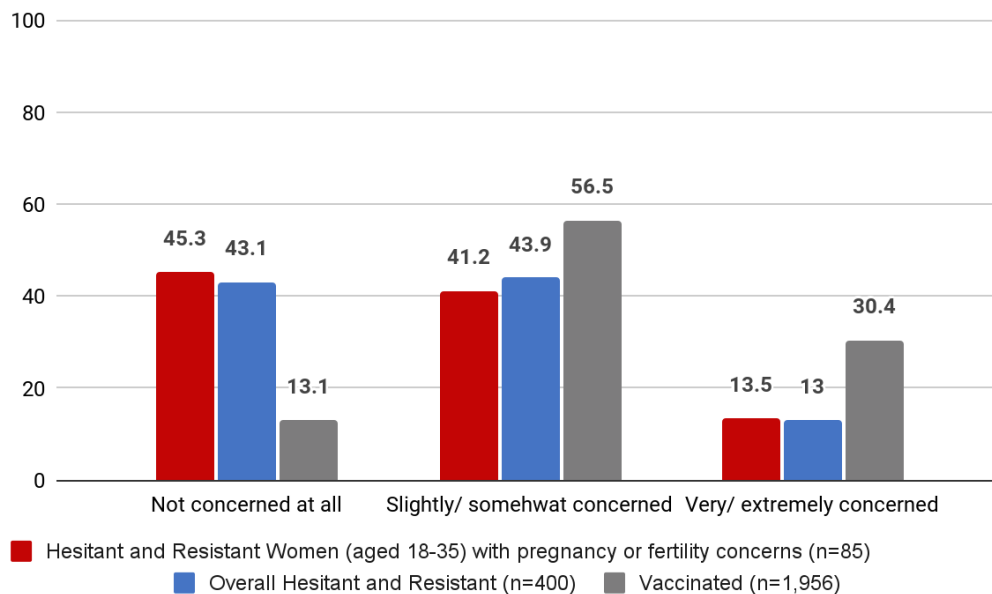
Concerns about Contracting Covid-19

Women aged 18-35 who were “Hesitant and Resistant” to the vaccine responded with similar levels of concern about getting Covid-19 or getting seriously ill as all other “Hesitant and Resistant” respondents. Not surprisingly, those respondents who were vaccinated had higher levels of concern about contracting Covid-19 and getting seriously ill when compared to those who were unvaccinated.

Concerns About Getting Covid-19



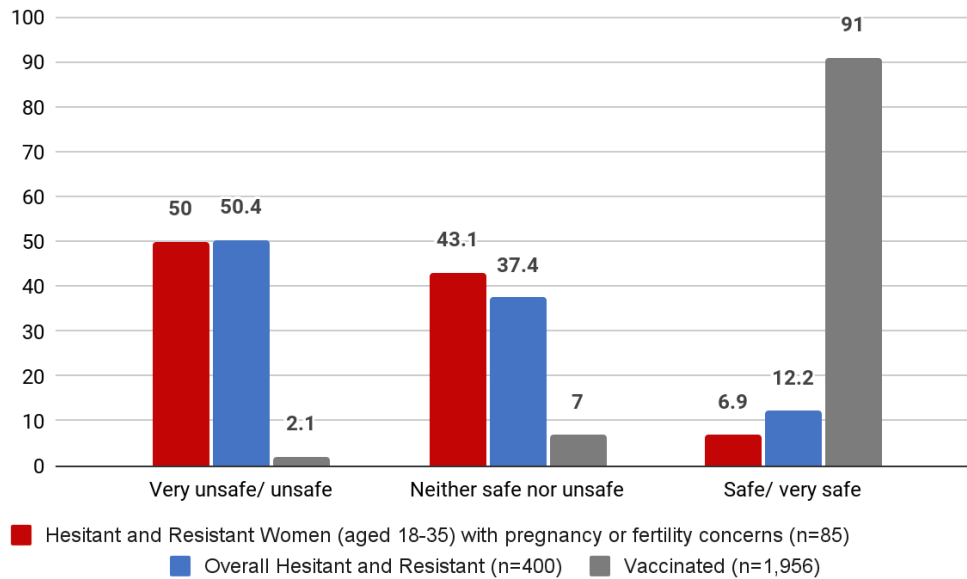
Concerns about getting seriously sick



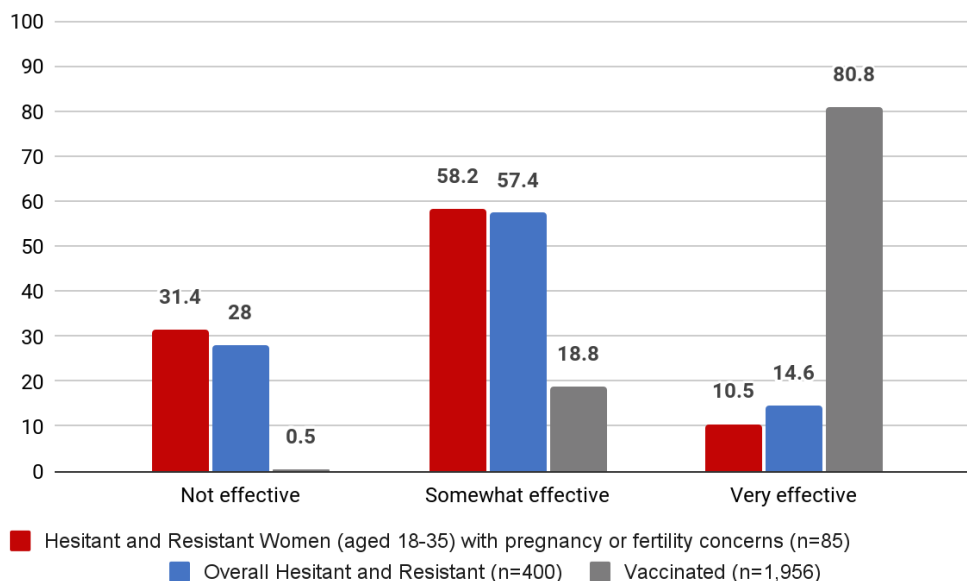
Perceptions of Vaccine Safety and Effectiveness

As may be expected, over 90% of those respondents who were vaccinated felt the vaccine was safe, which was much higher than respondents who were not vaccinated. Almost as high a percentage (80%) of vaccinated respondents felt the vaccine was also effective. Hesitant and resistant women aged 18-35 appear to have more concerns with the vaccines' safety than its effectiveness. Unvaccinated hesitant and resistant women aged 18 to 35 with pregnancy or fertility concerns displayed similar perceptions regarding vaccine safety and effectiveness as other unvaccinated respondents.

Perceptions among Unvaccinated of Perceived **Safety**



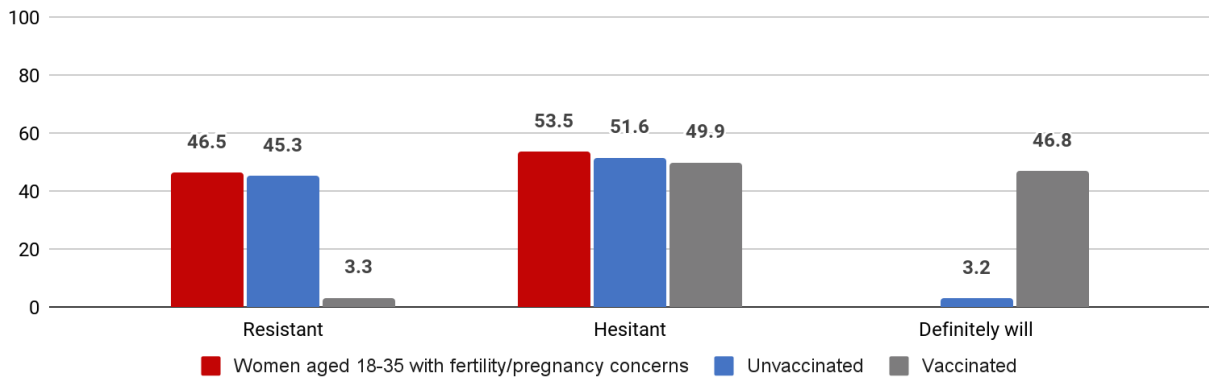
Perceptions among Unvaccinated of Perceived Vaccine **Effectiveness**



Likelihood of Children's Vaccination

Hesitancy towards child vaccination is fairly high among unvaccinated women aged 18-35 with fertility or pregnancy concerns. Again, this group displayed similar attitudes towards getting their children under age 16 vaccinated as other unvaccinated respondents.

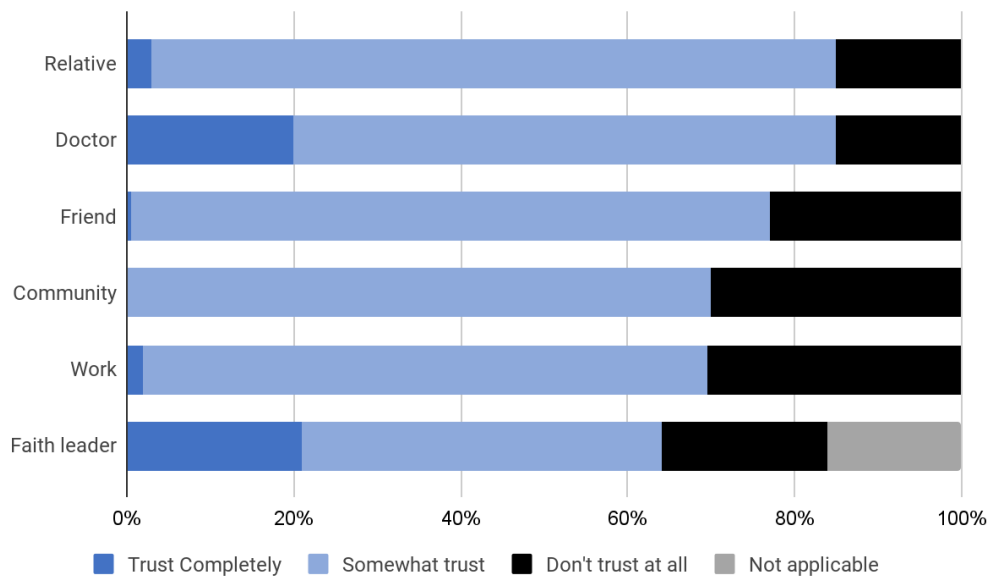
Vaccinated and Unvaccinated Parent' Likelihood of Vaccinating Children <Age 16
(Women aged 18-35 with fertility and pregnancy concerns: n=59; Unvaccinated: n=266; Vaccinated=667)



Trusted Sources for Information on Covid-19

Relatives and doctors were reported as the most trusted sources of information for hesitant and resistant women aged 18-35 with fertility and pregnancy concerns, regarding Covid-19 and the vaccine.

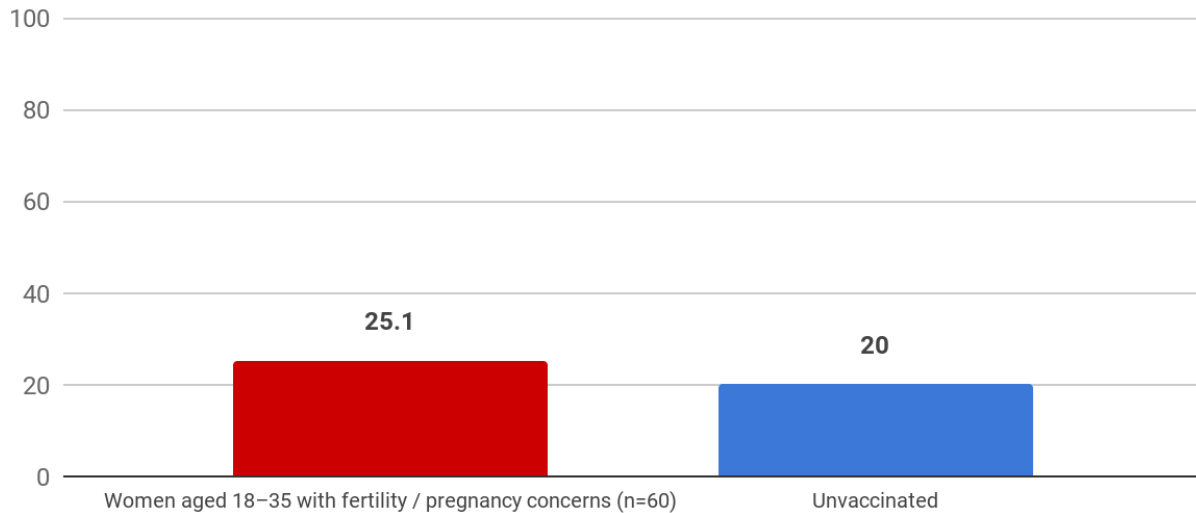
Hesitant and Resistant Women (aged 18-35) with Fertility and Pregnancy Concerns (n=85)



Potential Impact of Doctor Recommendation

Women aged 18-35 with fertility/pregnancy concerns appear to be slightly more willing to receive a Covid-19 vaccine if it were recommended by a doctor, when compared to overall unvaccinated respondents.

Percent Hesitant who are Willing to Get Vaccinated if Recommended by a Doctor



Acknowledgments

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