



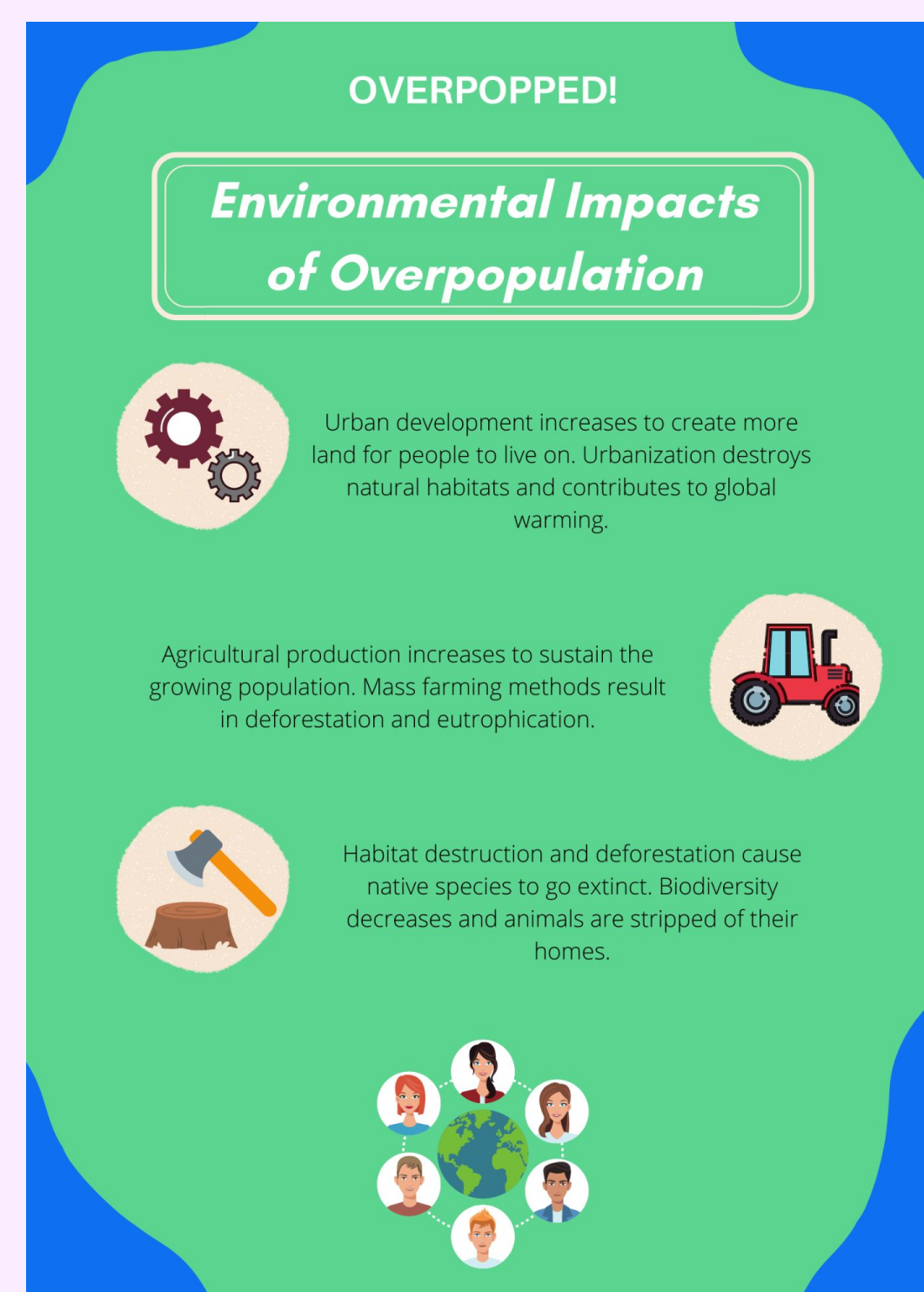
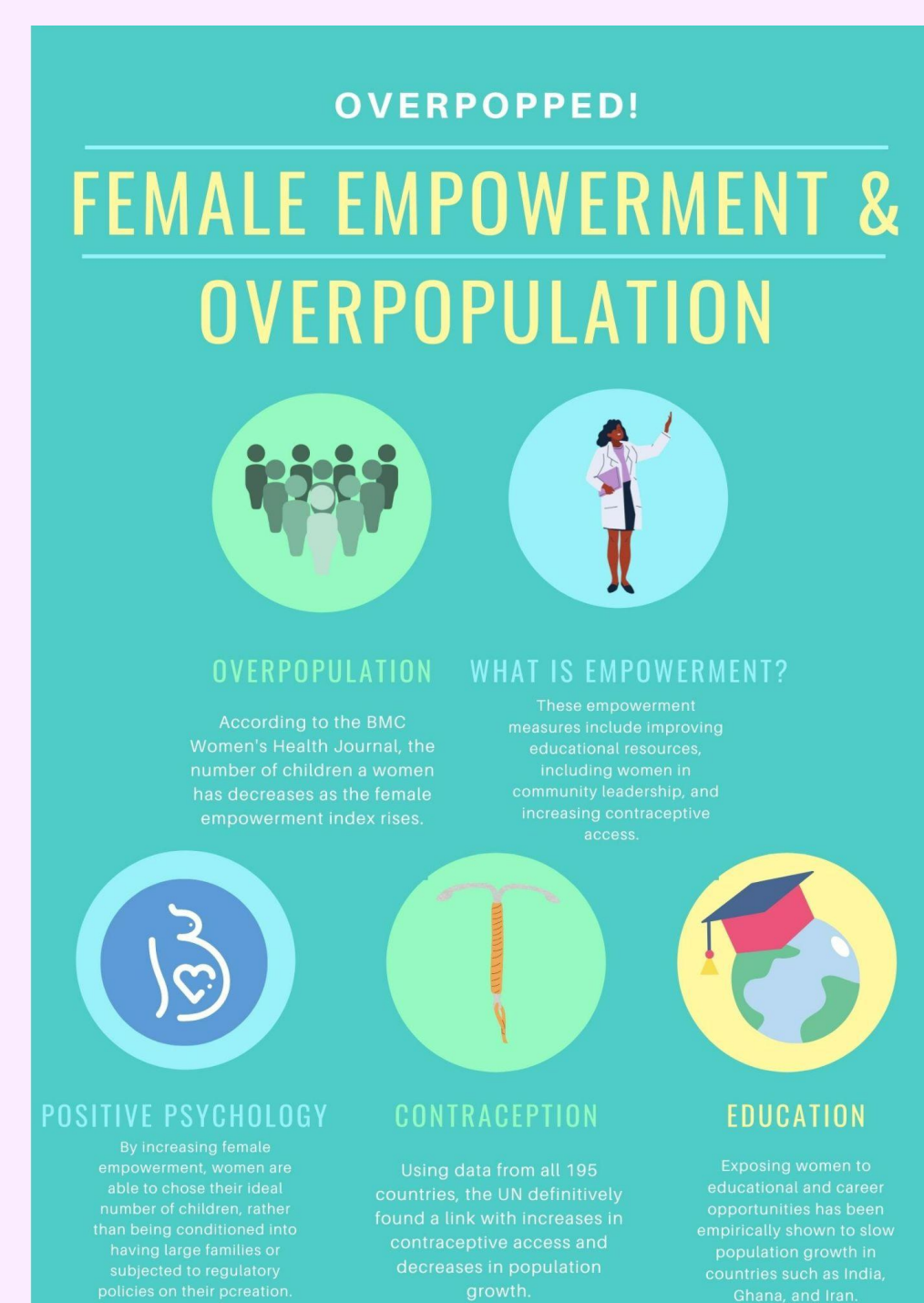
Overpopped! – Females for a Sustainable Future

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Abstract

- ❖ We are finding an ethical solution to overpopulation that centers on female empowerment, education, and increased contraceptive access both locally and globally.
- ❖ Overpopulation has various environmental impacts.
- ❖ We are centering our solution on women in the global south who have larger families.
- ❖ We are making a StoryMap to present our research, maps, and figures in a novel way.
- ❖ We are launching a survey (QR code) on Earth Day to gather data on students' current knowledge of overpopulation and K-12 safe-sex education.



Introduction

- ❖ One fewer child will save 58.6 tonnes of CO2/year
 - the greatest potential to reduce annual personal emissions¹!
- ❖ Overpopulation is correlated to...
 - decreases in water and food resources
 - GHG emissions
 - lack of sanitation
 - poverty

Our objective of this project is to raise awareness of how female empowerment, through heightened contraceptive access and educational resources, can be an ethical solution to growing fertility rates.

- ❖ Increasing education opportunities for women, making contraceptives more accessible, and educating women is directly associated with social and economic growth of a country, resulting in a decrease in fertility rates as resources become more abundant².

Methodology

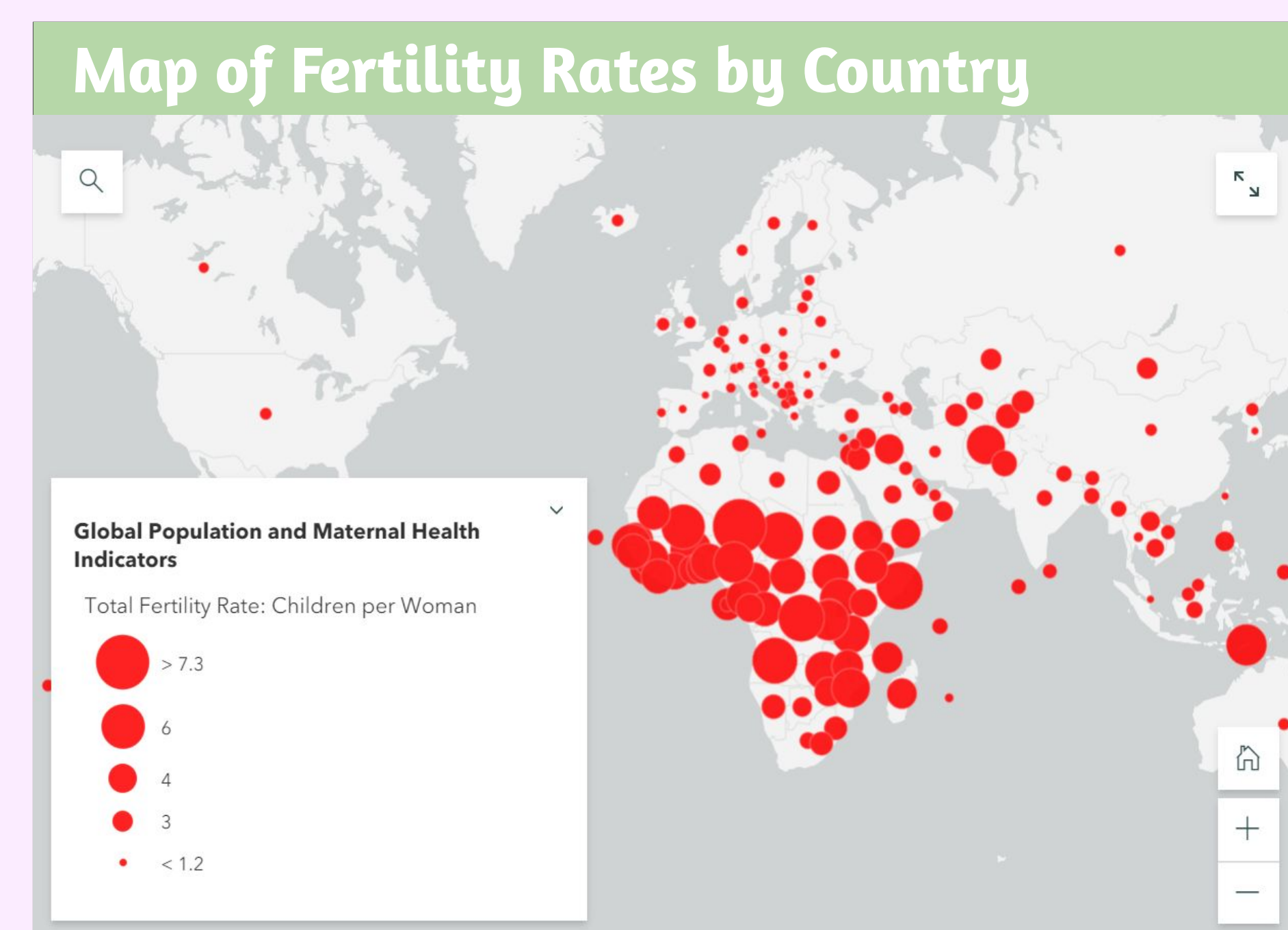
We created an interactive, collaborative StoryMap to educate the public on contraceptive accessibility. Our map allows us to project our data for easy visual representation whilst incorporating community input through our survey on contraception and sexual education.

OUR MAP INCLUDES:

- ❖ Where people using the map can most conveniently access contraception based on their location
- ❖ Information on reproductive agency and birth rates around the globe
- ❖ Scientific literature
- ❖ A handbook to recreate our previous ideas
- ❖ Resources for education and donation

CHALLENGES WE FACED:

- ❖ Roadblocks in hosting and actualizing our educational/fundraising booth on campus in partnership with organizations that work with local contraceptive use in Nations of the Global South.
- ❖ Chapman administrators' misunderstandings about our booth.
- ❖ Problems screening a documentary film (financial and logistical limitations, including difficulty reserving a public space, the lengthy process involving donation, etc.)



Acknowledgements

We would like to thank our professors Dr. Daniel Gardner, Dr. Mario Stipčić, Dr. Bingjie Zhang, and our expert Dr. Hillary Schwandt for helping us with our project.

Results

- ❖ Of our 53 survey respondents, 60% said that contraceptives are **very accessible** in their area.
- ❖ 72% said that contraceptives are **somewhat affordable** in their region.
- ❖ 34% were **not** educated on protected sexual intercourse and contraceptive use in school.
 - Of those who did have sex education, 49% said that it was either **not effective** or **somewhat effective**.
- ❖ 96% of respondents believe that a map of places to conveniently access contraceptives would be **helpful**.
- ❖ 53% responded that they do not think of female empowerment as a solution to overpopulation.

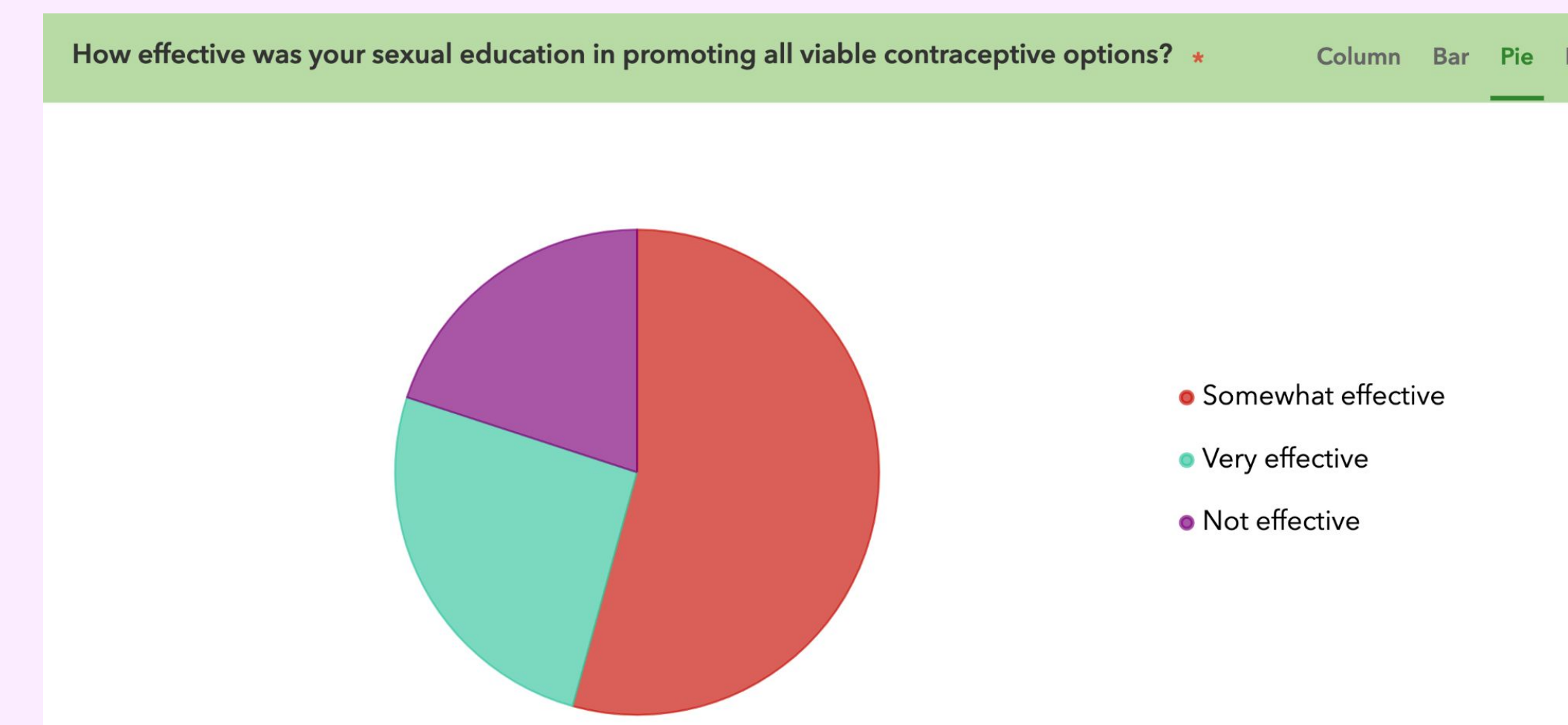


Figure 1. Responses to the survey question: “How effective was your sexual education in promoting all viable contraceptive options?”

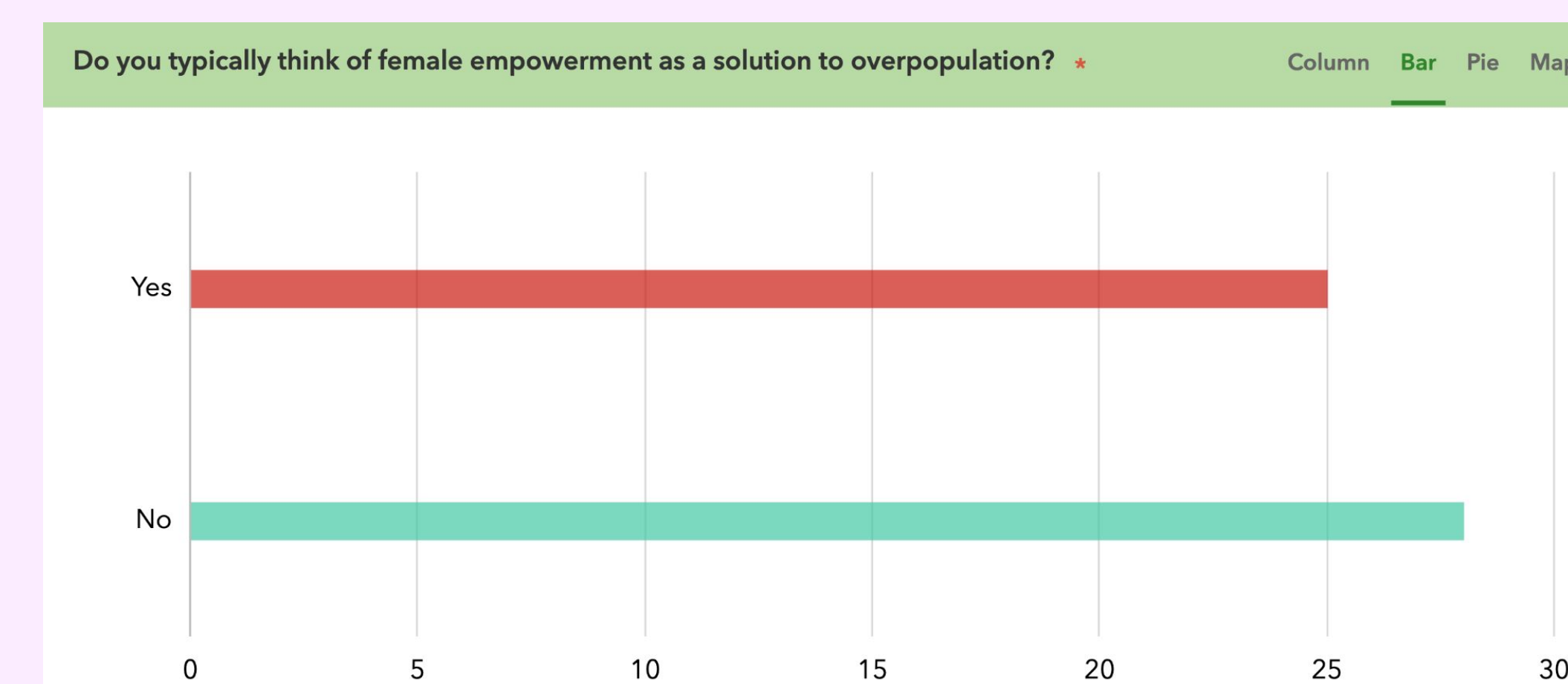


Figure 2. Responses to the survey question: “Do you typically think of female empowerment as a solution to overpopulation?”

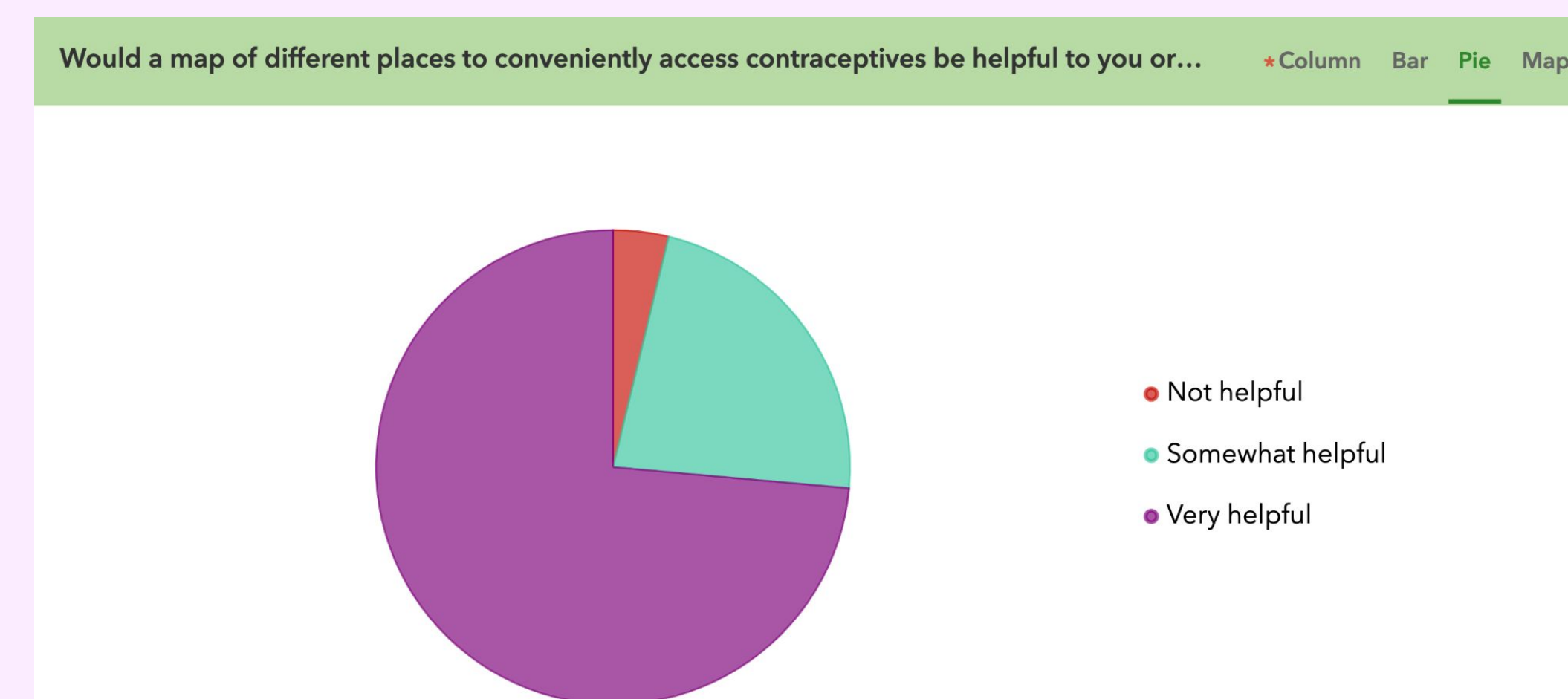
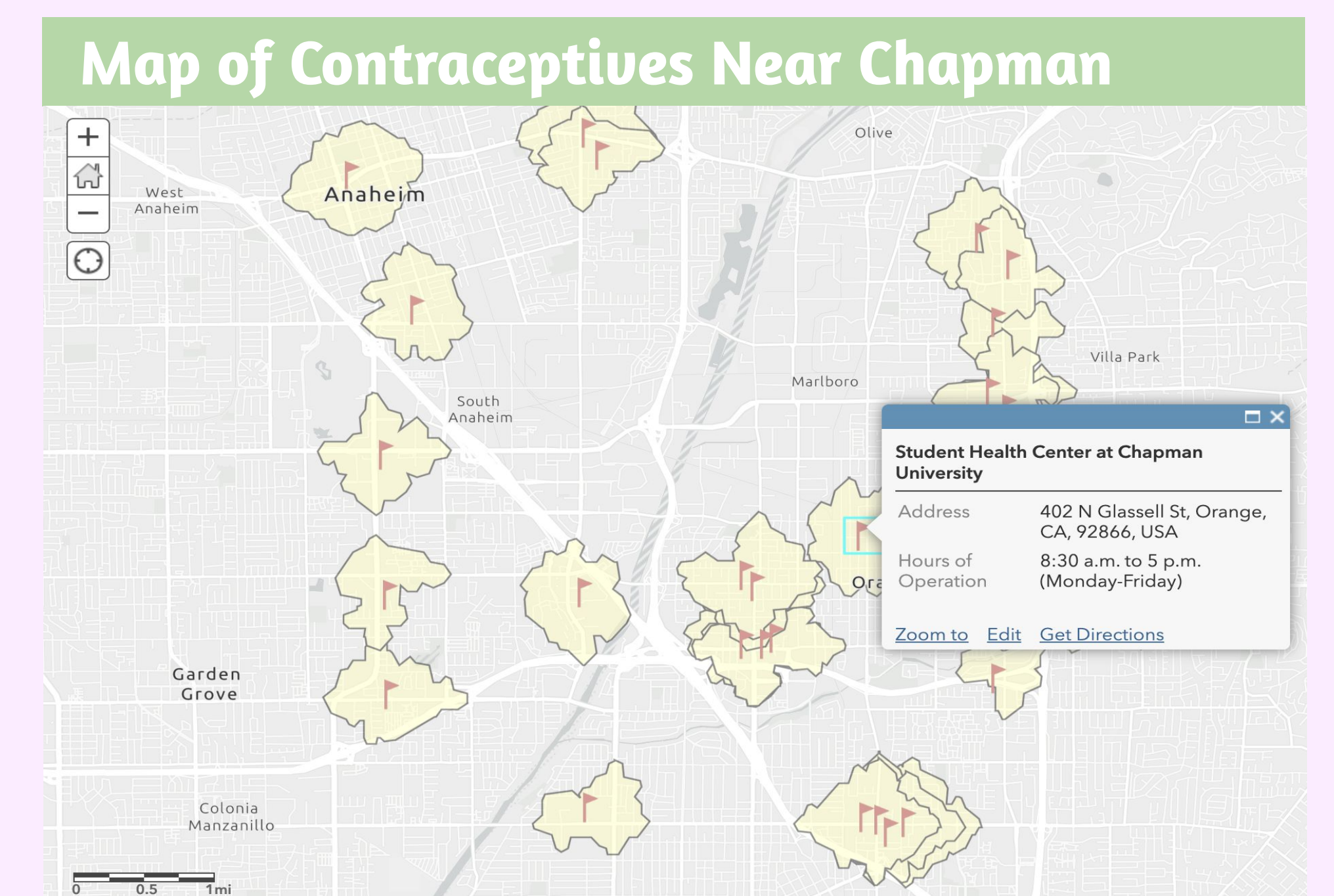


Figure 3. Responses to the survey question: “Would a map of different places to conveniently access contraceptives be helpful to you or others?”

Conclusions

- ❖ Population control policies have been extremely racist, unethical, and anti-women in the past, as they have made attempts to solve overpopulation through controlling the bodily autonomy of women and especially marginalized women.
- ❖ For instance, femicide and forced sterilization has been a large problem in some developing countries dealing with overpopulation³.
- ❖ Our advocacy campaign changes that narrative by being an innovative, ethical, female-empowering alternative that benefits both the environment and a myriad of neglected communities.
- ❖ If people donate through the organizations listed on our StoryMap, they can help decrease violence, increase community health, and decrease fertility rates⁴ by redistributing wealth to communities that need it most.
- ❖ Our project has a local impact by informing and raising awareness to students on local contraceptive resources available.
- ❖ Based on our survey results, even though contraceptives are accessible, they might not be affordable.
- ❖ Furthermore, even though respondents received sexual education, it may not always be effective.



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