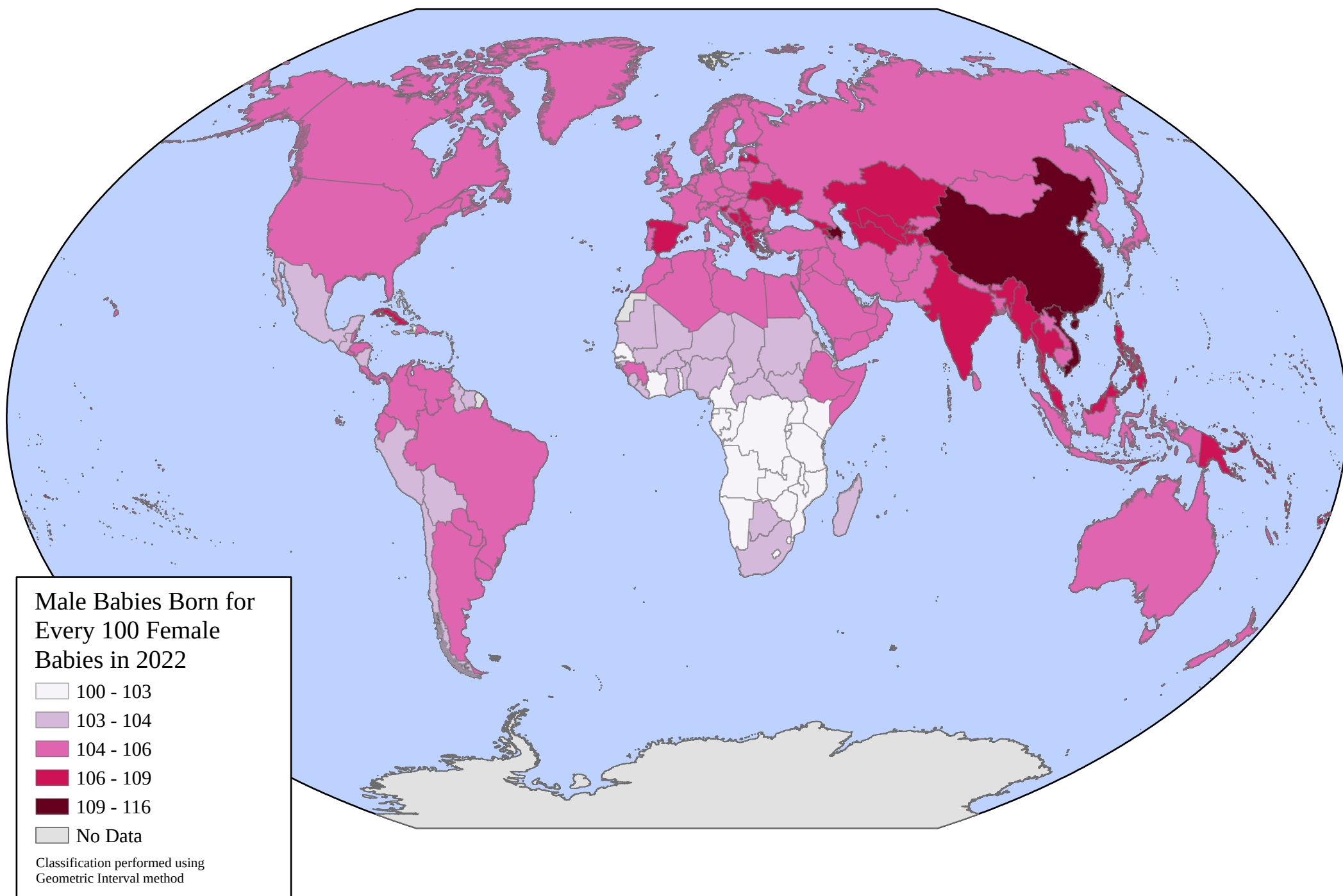


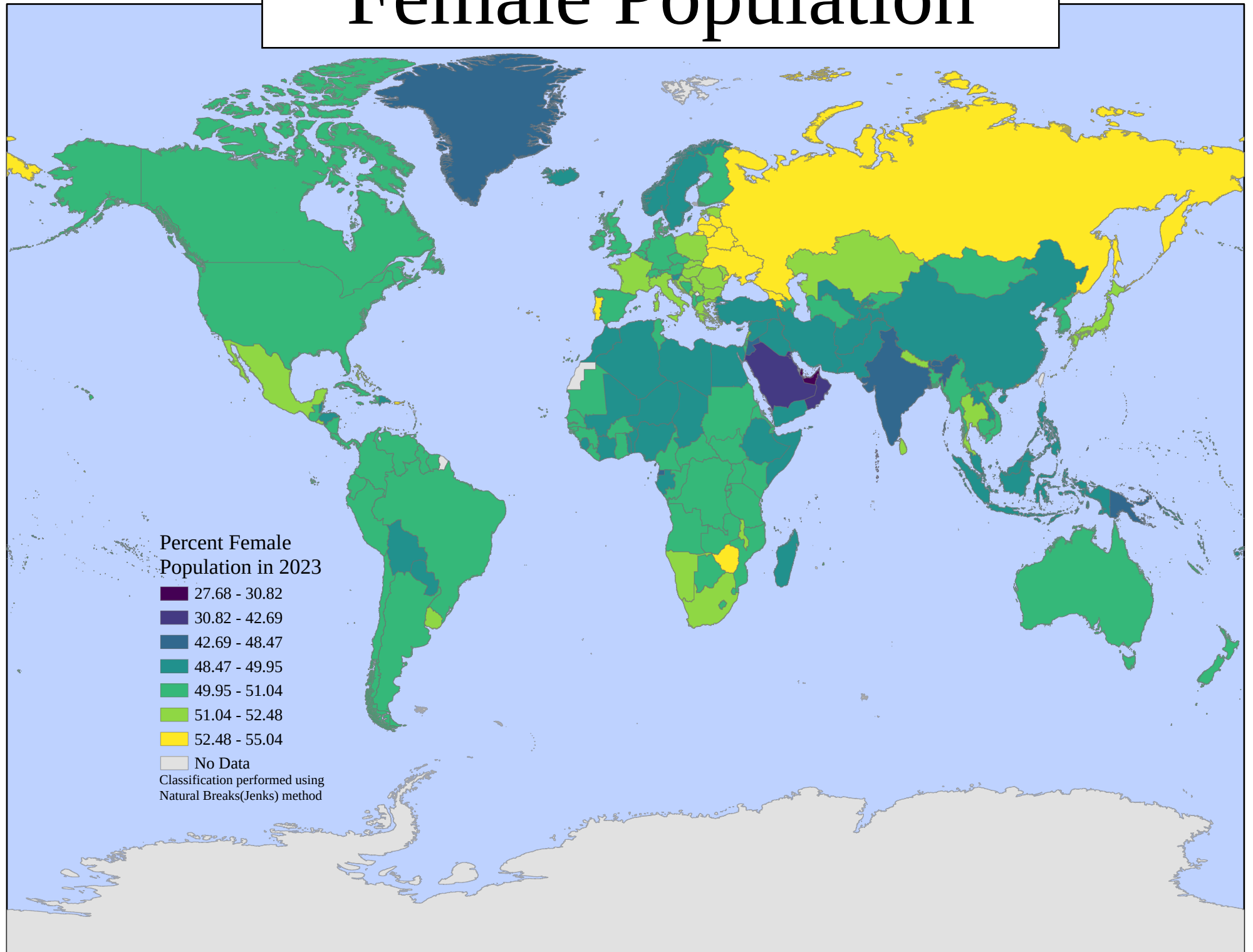
A Snapshot of Potential Consequences and Factors of Maternal Health

By Lauren Collyer

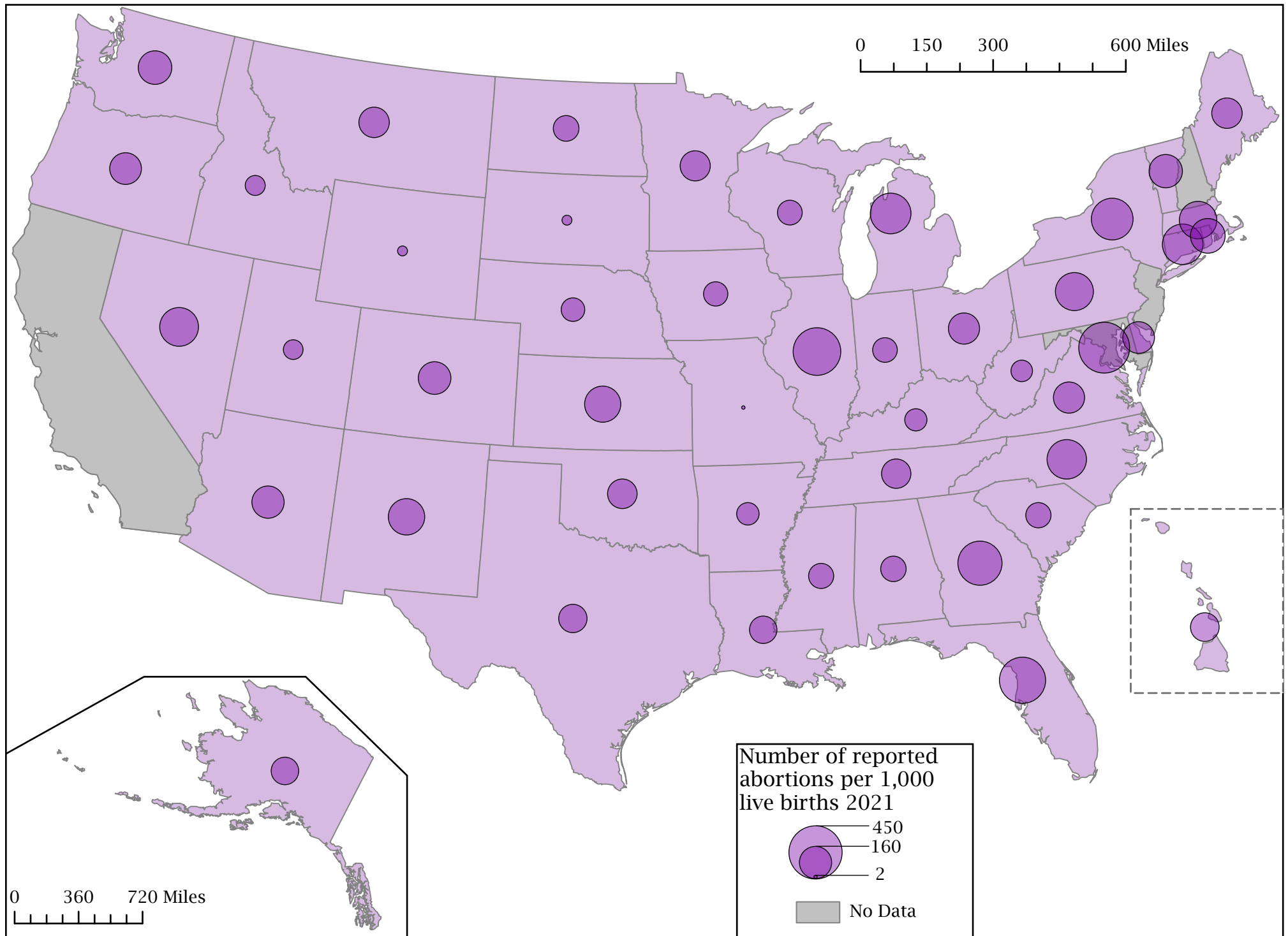
Sex at Birth Ratio



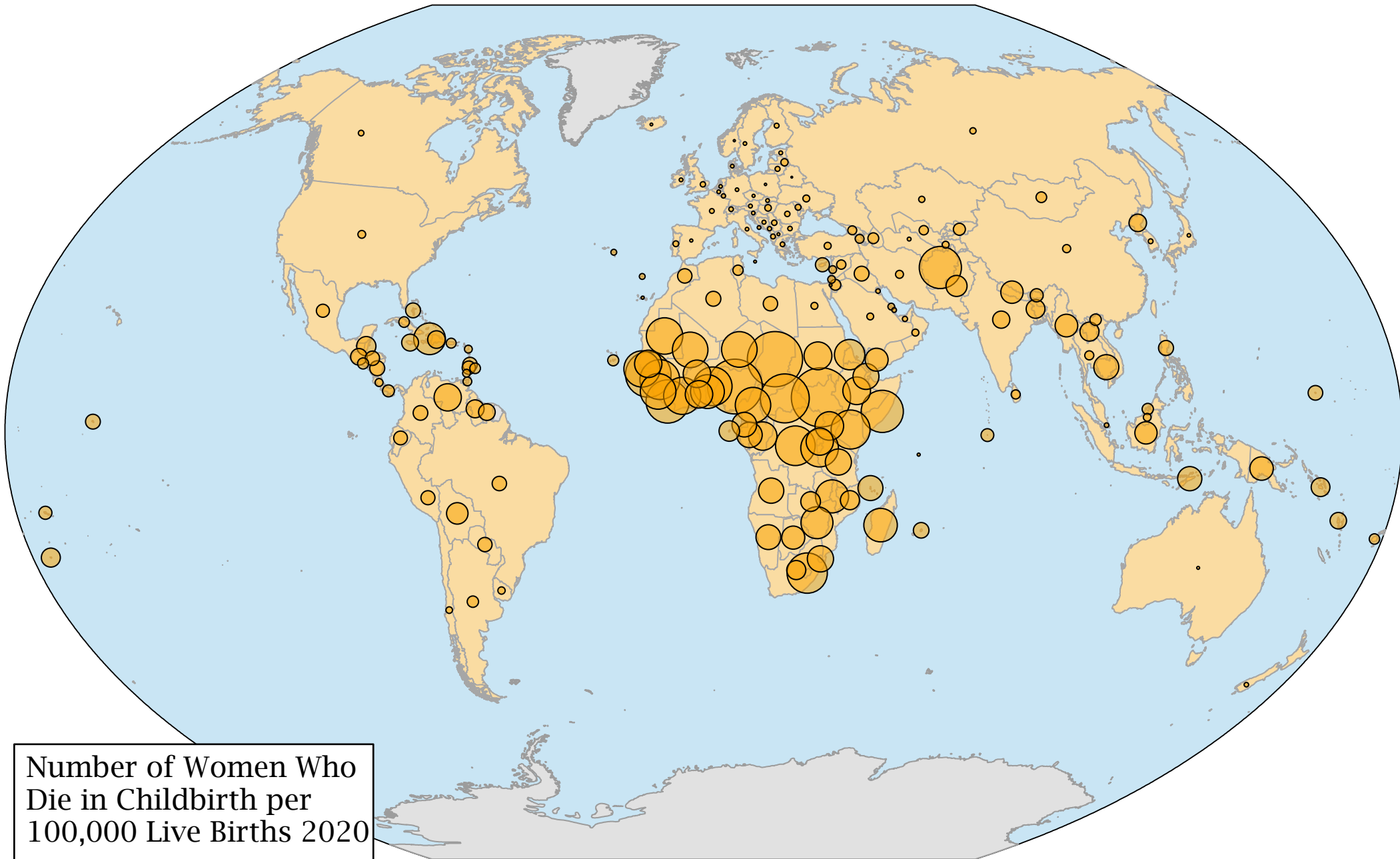
Female Population



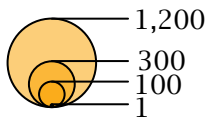
Abortion Ratio in US States



Maternal Mortality Ratio

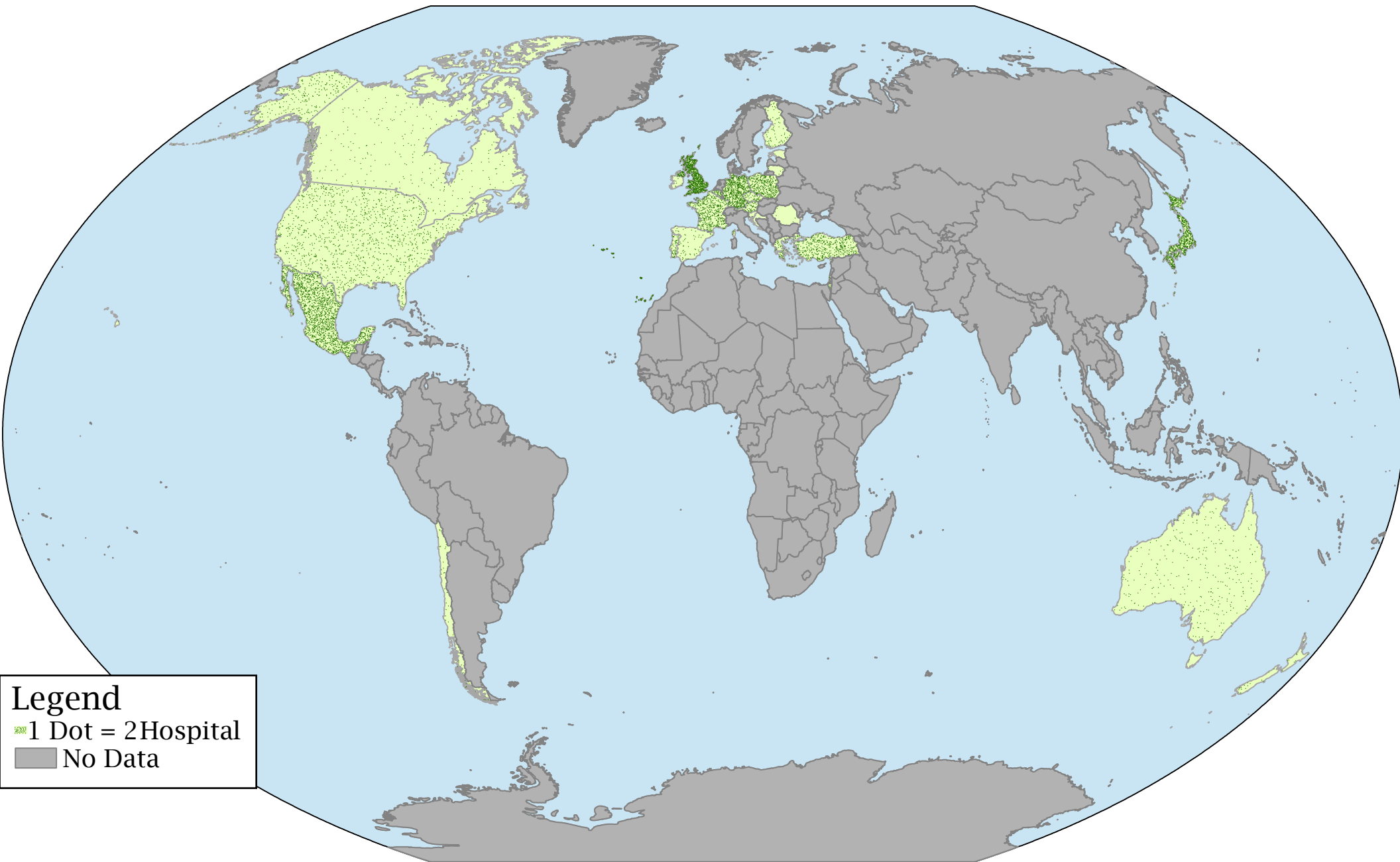


Number of Women Who
Die in Childbirth per
100,000 Live Births 2020

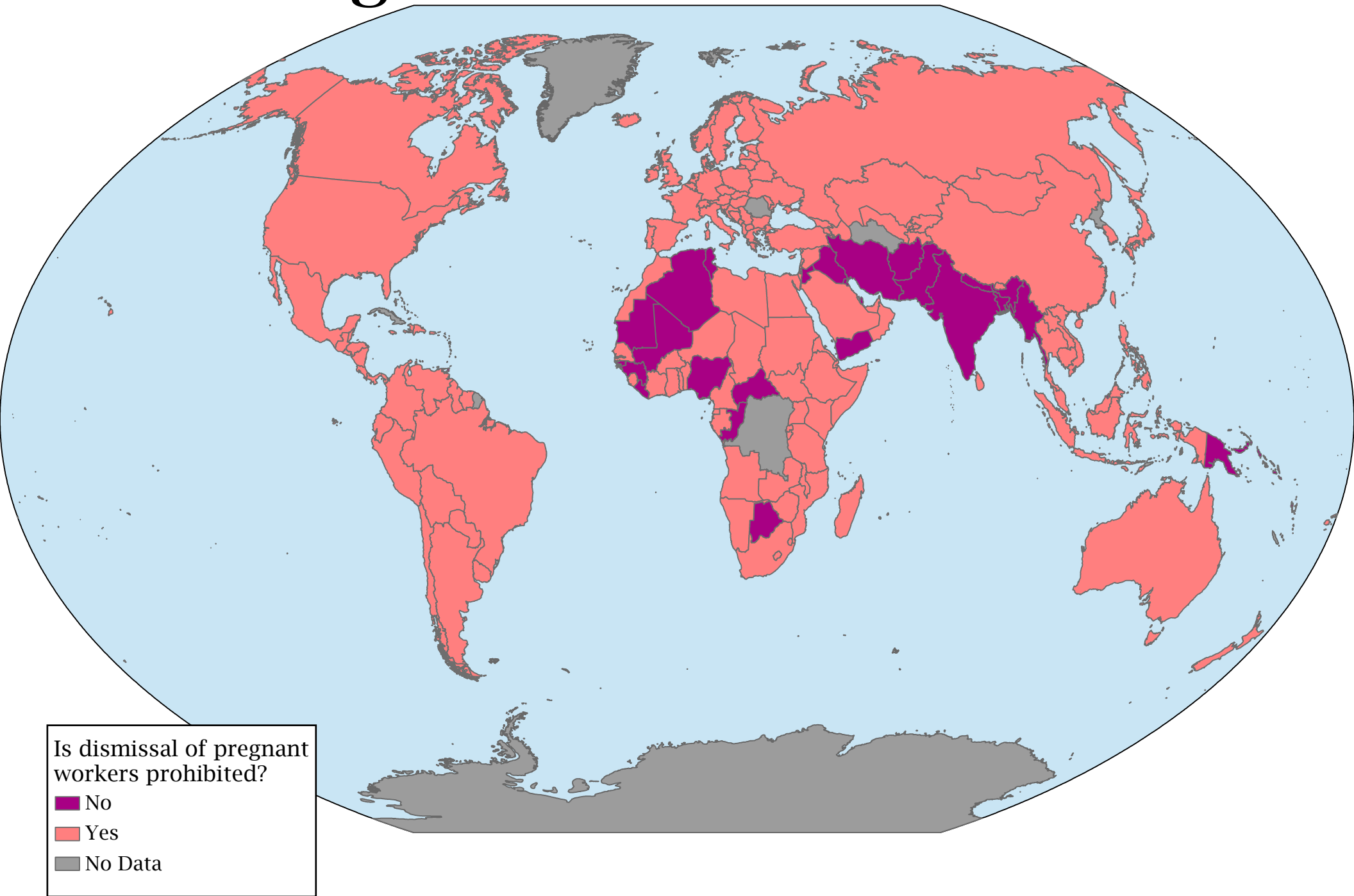


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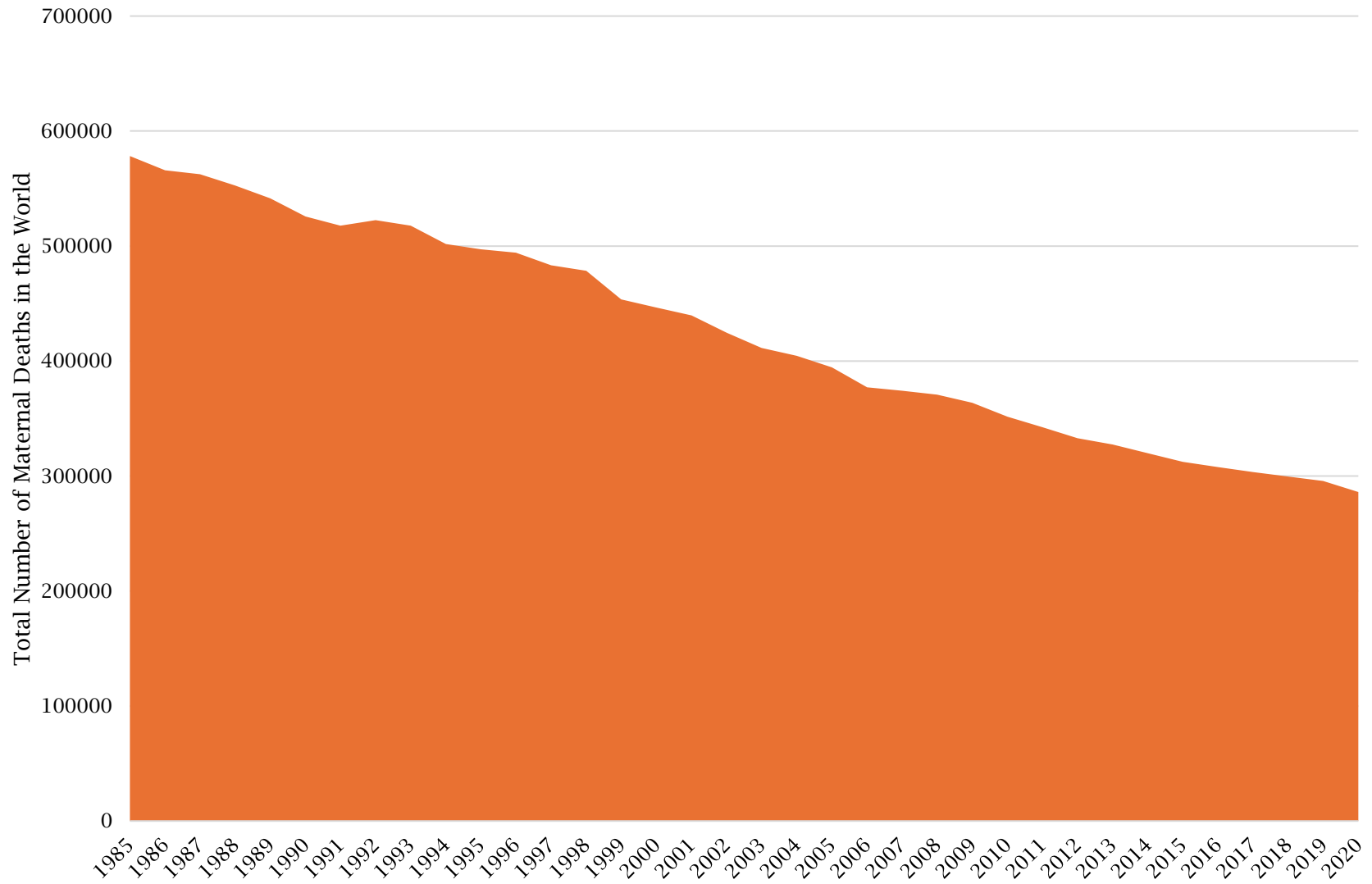
Density of Hospitals in 2022



Pregnant Worker Protection



Number of Maternal Deaths Over Time



Sex At Birth Ratio Map

The worldwide Sex at Birth Ratio is 105 Males for every 100 Females. As can be seen in this map Sub Saharan Africa has fewer male babies than expected. This has been linked to maternal stress. In countries like Azerbaijan, Vietnam, and China there are fewer female babies than expected. This is due to a preference for males within these cultures. The result is that expectant mothers of female babies will often receive abortions.

Female Population Map

In this map you can see an excess of males in the wealthy middle east. This is mainly from male workers that have moved there from other countries for work. You can also see an excess of females in the former Soviet Union. This is due to poor working practices in the U.S.S.R.

Abortion Ratio in US States Map

This map shows which states had the highest ratio of abortions to live births in 2021 which is before Roe vs. Wade was overturned. Washington DC had the highest ratio of abortions but 70% were from people coming from out of state. Illinois also had 20% from people out of state. Illinois is right next to Missouri which had the lowest ratio of abortions by a lot. Missouri had strict laws in place restricting abortion at the time and it can be assumed that many of the people who received abortions in Illinois were from Missouri. This map would look very different for the years after Roe Vs. Wade was overturned.

Maternal Mortality Ratio Map

In this map you can see that the countries with the highest amounts of pregnancies resulting in mothers dying are in Sub Saharan Africa. This is caused in part by the large lack of access to healthcare and high number of child marriages in this part of the world. One outlier to this trend is Afghanistan which also has a large rate of women dying due to pregnancy. Their healthcare system was largely dependent on foreign resources and has collapsed.

Density of Hospitals Map

The density of hospitals in a country can show the likelihood of mothers surviving giving birth. As there is easier access to hospitals the health of a mother and child increases. This map mainly shows developed countries, but even this can be insightful. For example, we can see that Romania and Chile have a low density of hospitals.

Pregnant Worker Protection Map

The protection of pregnant workers can have large consequences on the health of a mother and child. If a pregnant woman is fired from their job, then they will lose wealth and that can lead to worse health. This map shows that mainly places in South Asia do not have this protection.

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