

# **Infant mortality and birth rate in the United States**

## **Introduction**

In recent years, the United States has faced intense examination regarding the troubling rates of infant and maternal mortality. While the nation has made notable strides in healthcare advancements, the statistics remain strikingly high, particularly when compared to other countries classified as high-income. A comprehensive report from the Centers for Disease Control and Prevention (CDC) sheds light on significant trends and shifts observed in infant mortality for the year 2022, marking a concerning increase that breaks a two-decade pattern of decline.

This detailed analysis reveals a multifaceted array of factors contributing to these alarming figures, including disparities in access to healthcare, socioeconomic status, and varied levels of maternal education. The data underscores an urgent imperative for the development and implementation of holistic strategies aimed at enhancing the health outcomes for mothers and their infants. It calls for a collaborative approach among healthcare providers, policymakers, and communities to address the underlying issues and foster a healthier environment for the most vulnerable populations.

## **Infant Mortality Trends**

In 2022, the United States witnessed a troubling increase in the infant mortality rate, marking the first rise in two decades, as reported by the Centers for Disease Control and Prevention (CDC). The statistics revealed a rate of 5.6 infant deaths for every 1,000 live births, which reflects a concerning 3% escalation from the previous year. This translates to over 20,500 infants who tragically did not survive to celebrate their first birthday, reversing a longstanding trend of generally declining rates that had been observed since the mid-1990s. This increase is particularly alarming as it signifies the first statistically significant upturn since 2002, raising serious questions about the underlying factors impacting infant health.

The predominant causes of infant mortality during this period remained largely unchanged from 2021 to 2022. Congenital malformations continued to be the leading culprit, responsible for nearly 20% of infant deaths. Following closely behind were issues associated with short gestation and low birth weight, as well as sudden infant death syndrome (SIDS), unintentional injuries, and complications arising from maternal health issues. Of specific concern is the 9% rise in deaths connected to maternal complications, which suggests an urgent and pressing need to address broader issues surrounding maternal health and access to care throughout pregnancy. This data paints a stark picture of the challenges facing newborns and their families, highlighting the critical need for targeted interventions and improvements in healthcare systems to reverse these trends and enhance the wellbeing of infants in the United States.

## **Racial Disparities**

The disparities in infant mortality rates among different racial and ethnic groups are striking and reveal a troubling trend. In 2022, infants born to Black families faced the highest mortality rate, with nearly 11 out of every 1,000 live births resulting in death. This statistic starkly highlights the ongoing health inequities that disproportionately affect these communities.

In a notable shift, the mortality rate for American Indian and Alaska Native infants rose significantly, increasing by over 20% within just a single year to exceed 9 deaths per 1,000 live births. This alarming rise underscores the need for targeted healthcare interventions and resources to address the unique challenges faced by these populations.

Conversely, while White infants also experienced a slight uptick in mortality rates, their figures remained much lower, at approximately 4.5 deaths per 1,000 live births. This data not only reflects existing disparities in healthcare access and outcomes but also raises critical questions about the systemic factors contributing to these differences in infant mortality across racial and ethnic lines.

## **Impact of Policy Changes**

The landscape of reproductive health in the United States experienced profound transformation in the latter half of 2022, following the landmark Supreme Court decision in *Dobbs v. Jackson Women's Health Organization*, which dismantled the longstanding federal protection for abortion rights. This ruling led to a wave of legislative changes across various states, with many enacting stringent abortion restrictions that significantly altered access to reproductive healthcare.

Research in the aftermath of these restrictions has revealed a troubling correlation between increased infant mortality rates and the imposition of abortion bans. A particularly stark example can be seen in Texas, where the introduction of strict abortion laws corresponded with a notable uptick in infant deaths. This spike in mortality rates raised alarm among health experts, highlighting the potential consequences of limiting access to safe abortion services.

Moreover, a comprehensive review of the 14 states that implemented near-total bans on abortion in the wake of the *Dobbs* decision indicated that nearly all of these states experienced higher-than-average rates of infant mortality in 2022. This data emphasizes the broader implications of restricting reproductive choice, suggesting that such policies may not only affect women but also have dire consequences for infant health and survival in those regions.

## **Link Between Abortion Bans and Rising Infant Mortality Rates in the U.S**

A recent study has found that infant mortality rates have increased in U.S. states that have enacted abortion bans. Researchers estimate that there were 478 infant deaths across 14 states with outright bans or heavy restrictions—deaths that they believe would not have occurred if these laws had not been in place.

This rise in mortality follows the U.S. Supreme Court's decision in 2022 to reverse a ruling that had established the right to abortion up to fetal viability as a national standard, allowing individual states to determine their own abortion policies.

Alison Gemmill, co-leader of the study, expressed concern that "restrictive abortion policies" might be "reversing decades of progress" made in reducing infant deaths across the United States. The study, conducted by researchers at the Johns Hopkins Bloomberg School of Public Health, found increases in mortality rates for babies born with congenital issues and among groups that already had higher-than-average death rates.

As of January 2025, 17 states have outlawed nearly all abortions, although some permit narrow exceptions in cases of rape, incest, or threats to the mother's health. States that have enacted total abortion bans include Idaho, Alabama, Arkansas, Indiana, Kentucky, Louisiana, Mississippi, Oklahoma, South Dakota, Tennessee, Texas, and West Virginia.

Additionally, Florida, Georgia, Iowa, and South Carolina have restrictions that ban the procedure after six weeks of pregnancy. Nebraska and North Carolina impose bans after 12 weeks, while Utah has a ban after 18 weeks.

Sarah Corning, a staff attorney at the American Civil Liberties Union (ACLU) of Texas, informed the BBC that doctors and experts in abortion care had warned that infant mortality rates would rise in these states following the implementation of abortion bans or restrictions.

### **Comparison with Other High-Income Countries**

The United States stands out among high-income nations as the country with the highest rates of both infant and maternal mortality, despite its significant healthcare expenditure. In the year 2020, the U.S. reported an alarming infant mortality rate of 5.4 deaths for every 1,000 live births, a stark contrast to Norway's impressively low rate of just 1.6. In terms of maternal health, the statistics are equally concerning; the maternal mortality rate in the U.S. reached nearly 24 deaths per 100,000 live births, which is more than three times higher than the rates seen in many other affluent countries.

Several critical factors contribute to these distressing figures. For one, there is a notable lack of adequate prenatal care, which is vital for ensuring the health of both mothers and infants during pregnancy. Additionally, the United States has one of the highest rates of cesarean sections in the world, which can lead to increased risks for both mothers and babies when not medically necessary. Furthermore, socioeconomic

challenges—including access to quality healthcare, education, and nutritious food—exacerbate health risks and contribute to the disparities seen in maternal and infant health outcomes. These multifaceted issues demand urgent attention and innovative solutions to reverse these troubling trends and improve the health of vulnerable populations across the nation.

## **Conclusion**

The increasing rate of infant mortality in the United States has emerged as an alarming public health issue that requires immediate and focused action. Various factors, including deep-rooted health disparities based on socioeconomic status, race, and geographic location, contribute significantly to this crisis. Recent policy shifts that impact reproductive rights, coupled with persistent challenges facing maternal health, underscore the pressing need for a comprehensive, multifaceted strategy aimed at improving health outcomes for both mothers and their infants.

To effectively tackle this issue, it is essential to provide equitable access to a wide range of healthcare services, including prenatal and postnatal care, mental health support, and education on infant care. Addressing social determinants of health—such as poverty, housing instability, and access to nutritious food—must also be a priority in any effective intervention plan. Additionally, a thorough reevaluation of existing maternal and child health policies is crucial to identifying and removing systemic barriers that hinder access and quality of care.

As we look to the future, prioritizing the health and well-being of both mothers and infants is vital to fostering a healthier society. By implementing these necessary changes, we can work toward reversing the current trends and ensuring that all families across the United States have the opportunity to thrive in a supportive and nurturing environment.

## **Recommendation**

The birth rate in America has dropped. The United States is currently facing a significant decline in birth rates, with recent statistics indicating a steady drop over the past few years. This alarming trend not only poses challenges for economy and workforce but also threatens the sustainability of social programs and healthcare systems. It is essential for the government to devise comprehensive strategies and implement targeted policies that encourage families to grow and thrive. This includes providing support for affordable childcare, fostering parental leave options, and investing in education and economic opportunities for young families.

### **Enhance Access to Comprehensive Healthcare:**

- Expand access to prenatal and postnatal healthcare services, especially in underserved communities. This includes increasing funding for healthcare facilities in

rural and low-income urban areas to ensure that all mothers receive the necessary medical attention throughout their pregnancy.

### **Implement Targeted Interventions for High-Risk Populations:**

- Develop and deploy specific programs aimed at reducing disparities in infant mortality rates among racial and ethnic groups. Focus on culturally competent care that addresses the unique challenges faced by Black families, American Indian and Alaska Native families, and other marginalized communities.

### **Invest in Maternal Health Programs:**

- Increase funding for maternal health programs that emphasize education and resources surrounding pregnancy, childbirth, and postpartum care. Support initiatives that address maternal health complications, including mental health support for new mothers.

### **Sources**

1. U.S. Infant Deaths Rise for First Time in Decades
2. U.S. infant mortality rose after Dobbs ruling on abortion - Los Angeles Times
3. <https://usafacts.org/articles/how-have-us-fertility-and-birth-rates-changed-over-time/>
4. <https://www.cdc.gov/nchs/data/vsrr/vsrr033.pdf>
5. <https://www.statista.com/statistics/195950/infant-mortality-rate-in-the-united-states-since-1990/>
6. <https://www.bbc.com/news/articles/c8d9z853jndo>
7. <https://edition.cnn.com/2024/07/25/health/infant-mortality-increase-2022-cdc/index.html>
8. <https://www.cdc.gov/maternal-infant-health/infant-mortality/index.html#:~:text=The%20infant%20mortality%20rate%20is,deaths%20per%201%2C000%20live%20births.>
9. <https://www.macrotrends.net/global-metrics/countries/usa/united-states/infant-mortality-rate#:~:text=The%20infant%20mortality%20rate%20for%20U.S.%20in%202023%20was%205.480,a%201.19%25%20decline%20from%202021.>
10. <https://usafacts.org/articles/what-is-the-us-infant-mortality-rate/>