

Question	Source	Ground truth	Gemini	ChatGPT	Claude	Remarks
How does the national rate of maternal mortality compare to the Healthy People 2030 target?	Notebook LLM	national rate is 22.4 while healthy People 2030 target is 15.7	As of 2022, the United States is significantly above the Healthy People 2030 target for reducing maternal mortality.  Healthy People 2030 target: Reduce the maternal mortality rate to 11.0 deaths per 100,000 live births. 2022 national rate: 22.3 deaths per 100,000 live births.	The national maternal mortality rate in the U.S. is currently 32.9 deaths per 100,000 live births, which significantly exceeds the Healthy People 2030 target of 11.7 deaths per 100,000 live births  According to the 2024 America's Health Rankings® Maternal and Infant Health Disparities Data Brief, several social and economic factors contribute to the high maternal mortality rate in the U.S. Key contributors include:	I apologize, but I don't have access to the most current data on the national maternal mortality rate or the exact Healthy People 2030 target  Not accurate. Claude more truthful.Gemini.chatgpt - results cannot be trusted	
Based on 2024 America's Health Rankings® Maternal and Infant Health Disparities Data Brief, What are the social and economic factors contributing to maternal mortality?	Notebook LLM	Poverty,Residential Mobility	Based on the 2024 America's Health Rankings® Maternal and Infant Health Disparities Data Brief, several social and economic factors significantly contribute to maternal mortality:  Socioeconomic Disparities:Poverty,Education Level,Insurance Status	Disparities,Income and Poverty,Education Level,Healthcare Access	I apologize, but I don't have direct access to the 2024 America's Health Rankings®  However, I can discuss general social and economic factors that are typically associated with maternal mortality, based on well-established research and trends up to my last update.  To answer this question accurately, I would need access to up-to-date data on uninsured rates by race/ethnicity for all 50 states. Without that comprehensive dataset in front of me, I can't definitively state which specific state has the largest disparity.	Both Gemini and ChatGPT - not sure whether the model had access to the report.
In which state is the disparity in uninsured rates by race/ethnicity the largest?	Notebook LLM	Arkansas	I can't access data to directly answer your question, but I can help you with the logic to find the answer.	The largest disparity in uninsured rates by race and ethnicity among U.S. states is typically observed in Texas.	As of the most recent data, Tennessee has the highest maternal mortality rate in the United States, with a rate of 41.1 deaths per 100,000 live births between 2018 and 2022. Following Tennessee, Mississippi and Alabama have maternal mortality rates of 39.1 and 38.6 respectively	
Which state has highest maternal mortality rate?	Human	Alabama - from Data	Mississippi			As of my last update in April 2024, Louisiana consistently had one of the highest maternal mortality rates in the United States.
Which race/ethnicity has highest maternal mortality rate based on 2024 maternal health report	Human	American Indian/Alas	Black Woman	Black, non-Hispanic women	Black women	

Question(after uploading report)	Source	Ground truth	Gemini	ChatGPT	Claude	Remarks
How does the national rate of maternal mortality compare to the Healthy People 2030 target?	Notebook LLM	The national rate of maternal mortality is not directly compared to the Healthy People 2030 target in either document. However, six states are listed as meeting the Healthy People 2030 target of 15.7 deaths per 100,000 live births.	The national rate of maternal mortality is not directly compared to the Healthy People 2030 target in either document. However, six states are listed as meeting the Healthy People 2030 target of 15.7 deaths per 100,000 live births.	The national maternal mortality rate is currently 22.4 deaths per 100,000 live births, which exceeds the Healthy People 2030 target of 15.7 deaths per 100,000 live births.	National Rate: 22.4 HP2030 Target: 15.7	
What are the social and economic factors contributing to maternal mortality?	Notebook LLM	Poverty/Residential Mobility	The social and economic factors contributing to maternal mortality are not explicitly addressed in the 2024 America's Health Rankings® Maternal and Infant Health Disparities Data Brief. However, the Brief does highlight disparities in maternal mortality by race/ethnicity and education. This suggests that social and economic factors that contribute to these racial and ethnic disparities may be relevant to maternal mortality rates	Poverty, Uninsurance, Housing Cost Burden, Educational Attainment	Poverty, Education, Race/Ethnicity, Housing, Health Insurance Coverage, Residential Mobility	Not good at extracting exact answers from reports. TODO : Put it in word doc and test
In which state is the disparity in uninsured rates by race/ethnicity level the largest?	Notebook LLM	Arkansas	Based on the documents I reviewed in your drive, it is not possible to definitively say which state has the largest disparity in uninsured rates by race/ethnicity.	The largest disparity in uninsured rates by race/ethnicity is observed in Arkansas	So Arkansas has the largest disparity in uninsured rates by race/ethnicity among the states provided in this document.	If the PDF contains a lot of images or complex formatting, my understanding might be less accurate.
Which state has highest maternal mortality rate?	Human	Alabama - from Data	It is not possible to determine from the documents in your drive which state has the highest maternal mortality rate. The documents do highlight that American Indian/Alaska Native (60.6 per 100,000), Black (51.3) and Hawaiian/Pacific Islander (49.5) women had rates of maternal mortality that were 2.5 to 4.5 times greater than other groups nationally	Alabama	Based on the information provided in the document, the state with the highest reported maternal mortality rate is Arizona.	
Which race/ethnicity has highest maternal mortality rate based on 2024 maternal health report	Human	American Indian/Alaska Native	Based on the 2024 America's Health Rankings® Maternal and Infant Health Disparities Data Brief, American Indian/Alaska Native (60.6 per 100,000), Black (51.3) and Hawaiian/Pacific Islander (49.5) women had rates of maternal mortality that were 2.5 to 4.5 times greater than other groups nationally.	American Indian/Alaska Native	American Indian/Alaska Native	





















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