



JUL 20 2004

Mr. Walter M. Weber
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American Center for Law & Justice
201 Maryland Avenue, N.E.
Washington, D.C. 20002

Dear Mr. Weber:

We appreciate your interest in the Centers for Disease Control and Prevention's (CDC) efforts to collect and publish maternal mortality statistics (including those related to abortion). CDC makes every effort to identify all such deaths and to present maternal mortality statistics using established scientific methods.

The maternal mortality rate is computed as all maternal deaths per 100,000 live births. In contrast, the measure used for abortions is a case-fatality rate which is computed per 100,000 legal abortions. These measures are conceptually different and are used by CDC for different public health purposes.

CDC calculates the maternal mortality rate per 100,000 live births for the following reasons:

1. To maintain comparability in long term trends for the United States. Estimates of the number of pregnancies (including live births, miscarriages or stillbirths, and induced abortions) in the United States have been published only since the 1970s.
2. The live birth component of the pregnancy estimates is highly reliable. Virtually all births are counted in every year. Estimates of all abortions are based on CDC's abortion surveillance system, which relies on state abortion reporting systems. Estimates of stillbirths, ectopic pregnancies, and miscarriages are based on survey data and are subject to significant sampling error, particularly for smaller population subgroups. Estimates of stillbirths and miscarriages are based on pregnancy history data from the National Survey of Family Growth (NSFG). The NSFG is conducted periodically, every 5 to 7 years. The data are subject to sampling error, particularly for smaller population subgroups. For information on the estimation methodology, see www.cdc.gov/nchs/data/series/sr_21/sr21_056.pdf.
3. To maintain international comparability. Many other countries cannot adequately estimate the number of pregnancies, especially those in which abortion is illegal. Information on miscarriage and stillbirth also varies considerably in completeness. In the interest of international comparability, the World Health Organization has specified that the number of live births should be used for the denominator of the maternal mortality rate.

Adjusting the maternal mortality rate for gestational stage is not statistically feasible, because this requires data that are not currently completely available. The Pregnancy Mortality Surveillance System (PMSS) relies primarily on death certificates which do not typically provide this information. Gestational age may be available for some maternal deaths in cases where linkage with other records (e.g., birth certificates, fetal death reports) is possible. Information on gestational age for induced abortions is available in about 42 states or jurisdictions.

CDC recognizes that despite efforts to count all maternal deaths (including those abortion-related) in the United States, some remain uncounted. The death itself is reported but accurate information on the cause may not be provided. CDC estimates that maternal deaths in general are underreported by 30 to 150 percent (see www.cdc.gov/mmwr/preview/mmwrhtml/ss5202a1.htm). The nature of the surveillance systems make it difficult to obtain complete data. The PMSS compiles data from 50 states, the District of Columbia, and New York City. Abortion surveillance involves data from 47 states, District of Columbia, and New York City. These systems are voluntary (CDC does not provide remuneration for data) and rely primarily on death certificate data which may or may not provide information that indicates the death was maternal or abortion-related. In the case of deaths associated with induced abortion, CDC also uses searches of computerized print media databases (Lexis-Nexis) to identify additional cases.

At CDC we are very committed to improving data collection systems and providing the most accurate and reliable data on all aspects of maternal and infant health. I hope this information is helpful.

Sincerely,


Julie Louise Gerberding, M.D., M.P.H.
Director