OHIO S	TATE MEDICAL ASSOCIATION HOUSE OF DELEGATES
	Resolution No. 31 – 2024
Introduced by:	Medical Student Section
Subject:	Supporting Programs and Policies to Address Disparities in Maternal and Infant Morbidity and Mortality in Ohio
Referred to:	Resolutions Committee No. 2
	$\bf \hat{s}$, infant mortality in the United States was 5.44 infant deaths per 1,000 21, a 2% increase from 2020 ^{1,2} ; and
	s, maternal mortality in the United States reached 32.9 deaths per in 2021 ³ , a 38% increase from 2020; and
infant mortality an	s, the United States lags behind many other developed countries on d maternal mortality indicators, ahead of only 6 and 7 Organization for ration and Development (OECD) countries of 38, respectively; and
	5, the infant mortality rate in Ohio is 6.7 deaths per 1,000 births and te and national goal of 6.0 deaths per 1,000 births ⁴ ; and
number of matern	5, the pregnancy related mortality ratio (PRMR), defined by the al deaths related to pregnancy within a year of birth, has increased in 2008 to 23.7 in 2018 ⁵ ; and
persons of color, v	6, infant mortality and maternal mortality disproportionately impact with the infant mortality ratio up to 2.7 times higher for infants of color tality 2.5 times higher for women of color ^{4,6} ; and
extends beyond the family, interrupts of having disastrous	S , the death of a pregnant person during pregnancy and childbirth ne individual tragedy of losing a life but also affects the immediate education, and leads to spiraling cycles of poverty within families, and consequences on communities including the increase of long-term al morbidity and mortality rates and distrust in the healthcare field ⁷ ;
and lack of supple	S , low parental education level, Black race, low prenatal care access emental income are social drivers that have been associated with norbidity and mortality in the US ^{8–12} ; and

 WHEREAS, poor healthcare access, including but not limited to prenatal care, health insurance coverage, and culturally appropriate care, low educational attainment, poor built environment for physical activity, and lack of food access have been identified as social drivers of maternal morbidity and mortality disparities in the US¹³; and

WHEREAS, community-based programs such as the Maternal Infant Wellness Program and Moms2B have been proven to reduce infant mortality rates and address health disparities by using a comprehensive, collaborative strategy between academic medicine and community-based organizations to address social determinants of health throughout Ohio^{14–16}; and

WHEREAS, state policies such as child and maternal home well visits, expanded Medicaid coverage, and Women, Infant and Children (WIC) and Supplemental Nutrition (SNAP) programs have lowered the burden of seeking accessible prenatal care for mothers, helped to ameliorate negative birth outcomes and mitigate outcome disparities for at-risk populations through targeting social determinants^{9,11,17,18}; and

WHEREAS, providing sustained, individualized, quality patient care before and after a pregnancy is recommended by the American College of Obstetricians (ACOG) and the American Academy of Pediatrics (AAP) as key provider actions to preventing infant mortality and maternal mortality^{19,20}; and

WHEREAS, our OSMA has passed policy to support legislative action that fosters research and direct healthcare advancements in addressing pregnancy-related morbidity and mortality in Ohio, including education of healthcare providers in identifying and referring patients to community health pregnancy-related morbidity and mortality programs and educating healthcare providers about health disparities in general²¹; and

WHEREAS, the AMA has passed policy to evaluate the issue of health disparities in maternal and infant mortality (D-420.993, D-245.994) and to reduce inequities and improve access to insurance for maternal health care (H-60.909, H-185.917, D-245.994); and therefore

BE IT RESOLVED, that our OSMA supports legislation and government action that promotes academic and community-based research to monitor infant mortality rates, associated disparities, and the social factors which cause them; and be it further

RESOLVED, that our OSMA collaborates with the Maternal Infant and Wellness Program to improve birth outcomes with a focus on health disparities; and be it further

RESOLVED, that our OSMA support legislation and government action that reduces barriers to healthcare access and educational attainment in communities of underrepresented persons; and be it further

RESOLVED, that our OSMA promote the utilization of and individualized care by member physicians before and after pregnancy, leading to more equitable health outcomes for infants and parents.

> Fiscal Note: \$ (Sponsor) \$ 50,000 (Staff)

References:

- 1. Ely D, Driscoll A. *Infant Mortality in the United States, 2021: Data From the Period Linked Birth/Infant Death File*. 2023. https://www.cdc.gov/nchs/data/nvsr/nvsr72/nvsr72-11.pdf
- 2. Centers for Disease Control and Prevention. *Infant Mortality*, September 13, 2023. https://www.cdc.gov/reproductivehealth/maternalinfanthealth/infantmortality.htm
- 3. Hoyert D. *Maternal Mortality Rates in the United States*, 2021. Published 2023. https://www.cdc.gov/nchs/data/hestat/maternal-mortality/2021/maternal-mortality-rates-2021.htm
- 4. Mayer D. Infant Vitality, 2023. https://odh.ohio.gov/know-our-programs/infant-vitality
- 5. Ohio Department of Health. *Ohio Maternal Health Data and Reports*, 2018. https://odh.ohio.gov/know-our-programs/pregnancy-associated-mortality-review/reports
- Ohio Department of Health. Severe Maternal Morbidity and Racial Disparities in Ohio, 2016-2019, 2020. <a href="https://odh.ohio.gov/wps/wcm/connect/gov/0657b23a-baba-4a74-b31c-25e216728849/PAMR+SMM+Final.pdf?MOD=AJPERES&CONVERT_TO=url&CACHEID=ROOTWORKSPACE.Z18_M1HGGIK0N0JO00QO9DDDDM3000-0657b23a-baba-4a74-b31c-25e216728849-nIngvoH
- 7. Miller S, Belizán JM. The true cost of maternal death: individual tragedy impacts family, community and nations. *Reprod Health*. 2015;12(1):56. doi:10.1186/s12978-015-0046-3
- 8. Green T, Hamilton TG. Maternal educational attainment and infant mortality in the United States: Does the gradient vary by race/ethnicity and nativity? *Demogr Res.* 2019;41:713-752.
- 9. Keene Woods N, Reyes J, Chesser A. Infant Mortality and Race in Kansas: Associations With Women, Infants, and Children Services. *J Prim Care Community Health*. 2016;7(3):194-198. doi:10.1177/2150131916635572
- Newman K. Relationship between Income, Maternal and Infant Factors, and Infant Mortality Rates in African American Communities. 2022. Accessed November 14, 2023. https://www.proquest.com/openview/a26b150cf48b8307e8afb48131a98fbf/1?pq-origsite=gscholar&cbl=18750&diss=y
- 11. Soneji S, Beltrán-Sánchez H. Association of Special Supplemental Nutrition Program for Women, Infants, and Children With Preterm Birth and Infant Mortality. *JAMA Netw Open*. 2019;2(12):e1916722. doi:10.1001/jamanetworkopen.2019.16722
- 12. Orischak M, Fru DN, Kelly E, DeFranco EA. Social determinants of infant mortality amongst births to non-Hispanic Black women. *Am J Obstet Gynecol*. 2022;226(1):S706. doi:10.1016/j.ajog.2021.11.1164
- 13. Crear-Perry J, Correa-de-Araujo R, Lewis Johnson T, McLemore MR, Neilson E, Wallace M. Social and Structural Determinants of Health Inequities in Maternal Health. *J Womens Health*. 2021;30(2):230-235. doi:10.1089/jwh.2020.8882
- 14. Hade EM, Lynch CD, Benedict JA, et al. The Association of Moms2B, a Community-Based Interdisciplinary Intervention Program, and Pregnancy and Infant Outcomes among Women Residing in Neighborhoods with a High Rate of Infant Mortality. *Matern*

- 140 Child Health J. 2022;26(4):923-932. doi:10.1007/s10995-020-03109-9
 - 15. Gabbe PT, Reno R, Clutter C, et al. Improving Maternal and Infant Child Health Outcomes with Community-Based Pregnancy Support Groups: Outcomes from Moms2B Ohio. *Matern Child Health J.* 2017;21(5):1130-1138. doi:10.1007/s10995-016-2211-x
 - 16. Ohio Department of Health. *Maternal Infant Wellness*, 2023. https://odh.ohio.gov/know-our-programs/maternal-infant-wellness/welcome-to
 - 17. Bellazaire A, Skinner E. *Preventing Infant and Maternal Mortality: State Policy Options*, July 2019. https://www.ncsl.org/health/preventing-infant-and-maternal-mortality-state-policy-options#:~:text=Prevention%20measures%20include%20high%2Dquality,managing%20
 - options#:~:text=Prevention%20measures%20include%20high%2Dquality,managing%20 diabetes%20and%20other%20interventions.
 - 18. Meghea CI, You Z, Raffo J, Leach RE, Roman LA. Statewide Medicaid Enhanced Prenatal Care Programs and Infant Mortality. *Pediatrics*. 2015;136(2):334-342. doi:10.1542/peds.2015-0479
 - 19. American College of Obstetricians and Gynecologists. *Optimizing Postpartum Care*, May 2018. https://www.acog.org/clinical/clinical-guidance/committee-opinion/articles/2018/05/optimizing-postpartum-care
 - 20. Warren MD, Hirai AH, Lee V. Accelerating Upstream Together: Achieving Infant Health Equity in the United States by 2030. *Pediatrics*. 2022;149(2):e2021052800. doi:10.1542/peds.2021-052800
 - 21. Ohio State Medical Association. *OSMA Policy Compendium*, 2023. https://www.osma.org/aws/OSMA/pt/sp/policy-compendium
 - 22. AMA Policy: Disparities in Maternal Mortality D-420.993
 - 23. AMA Policy: State Maternal Mortality Review Committees H-60.909
 - 24. AMA Policy: Reducing Inequities and Improving Access to Insurance for Maternal Health Care H-185.917
 - 25. AMA Policy: Infant Mortality D-245.994

OSMA Policy:

Policy 20 – 2023 – Utilizing Principles of Collective Impact to Address Pregnancy-Related Mortality in Ohio

- 1. Our OSMA supports legislation and government action that works to foster research and/or directly affect maternal mortality rates in the state of Ohio
- 2. Our OSMA collaborate with Ohio Pregnancy Associated Mortality Review and Ohio Council to Advance Maternal Health to address pregnancy related morbidity and mortality in Ohio
- 3. Our OSMA collaborate with healthcare facilities and other relevant stakeholders to support the development of resources to train healthcare providers in identification and referral of patients for participation in community health pregnancy-related morbidity and mortality programs.

Policy 06 – 2019 – Increase Awareness of Disparities in Medical Access and Treatment in Ohio

The OSMA shall work with appropriate stakeholders to increase awareness of Ohio
physicians, residents, and medical students of disparities in medical access and
treatment in Ohio based on disability, race, ethnicity, geography, and other social and
demographic factors through the utilization of existing resources

Policy 25 – 2017 – Longitudinal Approach to Cultural Competency Dialogue on Eliminating Health Care Disparities

 1. The OSMA encourages all medical education institutions in Ohio to engage in expert facilitated, evidence-based dialogue in cultural competency and the physician's role in eliminating cultural health care disparities in medical treatment.