



Penn Medicine
Lancaster General Health



Family Medicine Residency Program and Obstetric Care

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Penn Medicine Lancaster General Hospital Family Medicine Residency

- ▶ The only residency sponsored by Hospital
- ▶ 13 residents each year, three year residency
- ▶ Established over 50 years ago
- ▶ Strong Full Spectrum Family Medicine education – inpatient, outpatient, maternity care
- ▶ Two Family Medicine Centers – all residents practice at both
 - Downtown Family Medicine – Urban Center. About 40% patients Spanish speaking, 12% Black. Lancaster – “Refugee Capital of US”
 - Walter Aument Family Medicine – 14 mi south in rural Lancaster County.
- ▶ Lancaster General Hospital – 503 bed hospital – ED, Peds, Inpatient Medicine, Surgery
- ▶ Women and Babies Hospital – 95 bed hospital – OB, Newborn nursery, NICU, Gyn
- ▶ 21 Areas of Concentration for residents who choose to focus – HIV, Integrative Medicine, OB, Sports Medicine, Adolescent, Urban, Rural, Geriatrics, Population Health, Street Medicine + + +
- ▶ Osteopathic Recognition awarded July 2023.

Family Medicine & Maternity Care – ACGME requirements 2023

Family Medicine Residency Program Requirements –

Residents must have at least 200 hours (or two months) dedicated to participating pregnancy-related care. (Core)

- ▶ This experience must include a structured curriculum in prenatal, intrapartum, and postpartum care. (Core)
- ▶ Residents must care for pregnant patients in the outpatient setting, including prenatal care and the care of medical issues that arise in pregnancy
- ▶ Each resident must have experience with a minimum of 20 vaginal deliveries. (Core)
- ▶ Each resident should care for postpartum patients, including care for parental- baby pairs.
- ▶ Some of the maternity experience should include the prenatal, intrapartum, and postpartum care of the same patient in a continuity care relationship.
- ▶ Residents who seek the option to incorporate comprehensive pregnancy-related care, including intrapartum pregnancy-related care and vaginal deliveries into independent practice, must complete at least 400 hours (or four months) dedicated to training on labor and delivery and perform or directly supervise at least 80 deliveries. (Core)

Obstetrics and Maternity Care at Penn Medicine Lancaster General Hospital

Family Medicine Residency

- ▶ All residents have 5 months of Maternal-Child Health
 - 2 intern year, 2 second year
 - 1 third year*
 - Now with option to trade into an additional month
- ▶ ALSO course in February of intern year
- ▶ 12 Family Medicine Faculty, plus FPs from FQHC and a Community Family Medicine Practice
- ▶ 8 Ob-gyn faculty as dedicated back up
- ▶ Last year we delivered 1065 babies
 - Graduating residents interested in OB 80-100 deliveries,
 - Those less interested 40-60
- ▶ From:
 - Downtown Family Medicine – Urban Family Medicine Center
 - Walter Aument Family Medicine – Rural Family Medicine Center
 - Union Community Care (FQHC) – 1/3 of deliveries from here, includes diverse refugee population
 - Twin Rose Family Medicine
 - Abbeyville Family Medicine
 - Family and Maternity Medicine – OB faculty practice with 2 locations

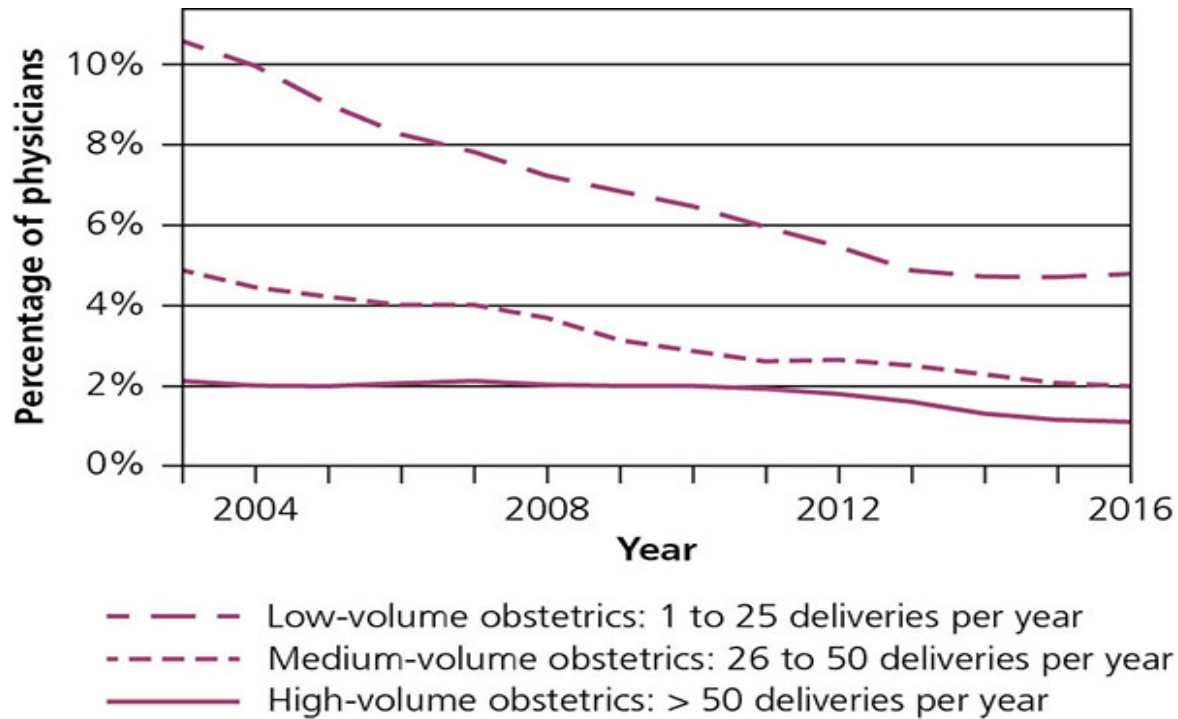
Prenatal Care

- ▶ Traditional Prenatal Care
- ▶ Centering Pregnancy Group Prenatal Care (modified due to pandemic)
- ▶ IMPLICIT Project - working to decrease prematurity and low birth weight
- ▶ 4th Trimester Project

American Board of Family Medicine

- ▶ In 2000 approximately 23% of Family Physicians provided some maternity care. By 2019, 8%
- ▶ ABFM 2020 Graduate Survey – 13% delivering babies (LGH 29%)
- ▶ Residency factors that increase the likelihood of its graduates delivering babies:
 - Family med maternity care preceptors
 - 80+ deliveries during residency
 - Greater autonomy in maternity care decision making
- ▶ Family Physicians with advanced training can perform Cesarean Sections

Estimated percentage of deliveries performed by family physicians who practice obstetrics, 2003 to 2016. Data from the American Board of Family Medicine's certification examination registration questionnaire (n = 95,750).

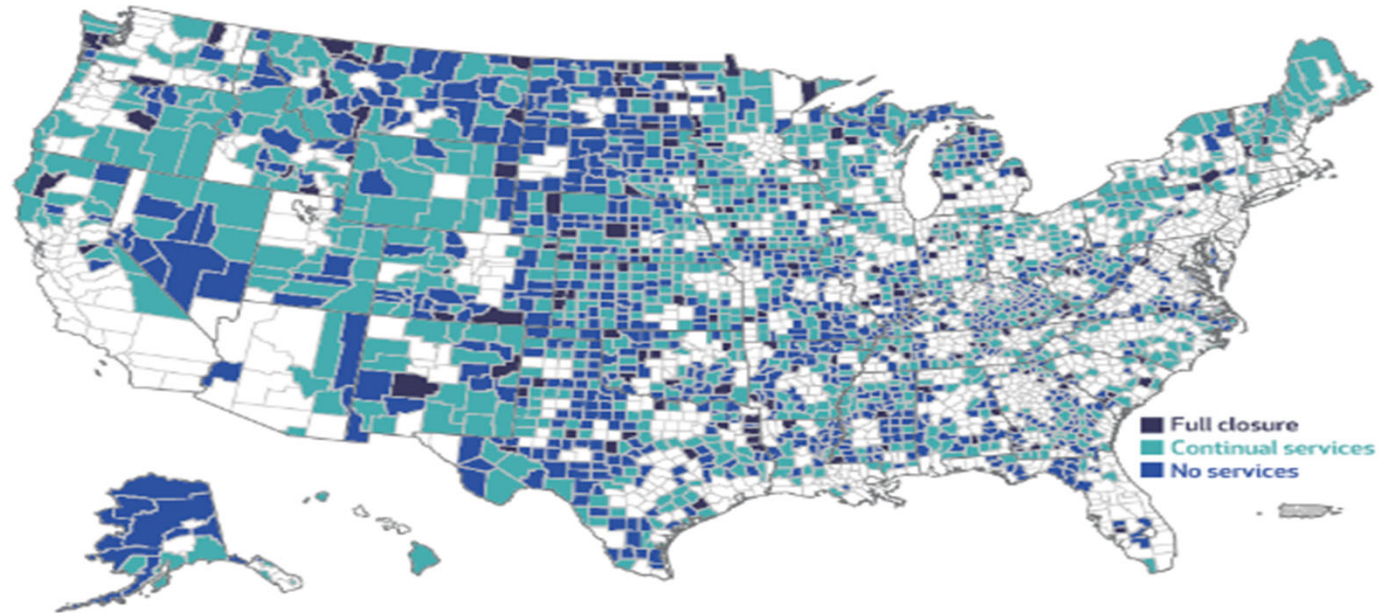


Maternity Access in Rural America

- ▶ US - 28 million reproductive age women live in rural communities
- ▶ More than half of rural counties do not have hospital based obstetric services

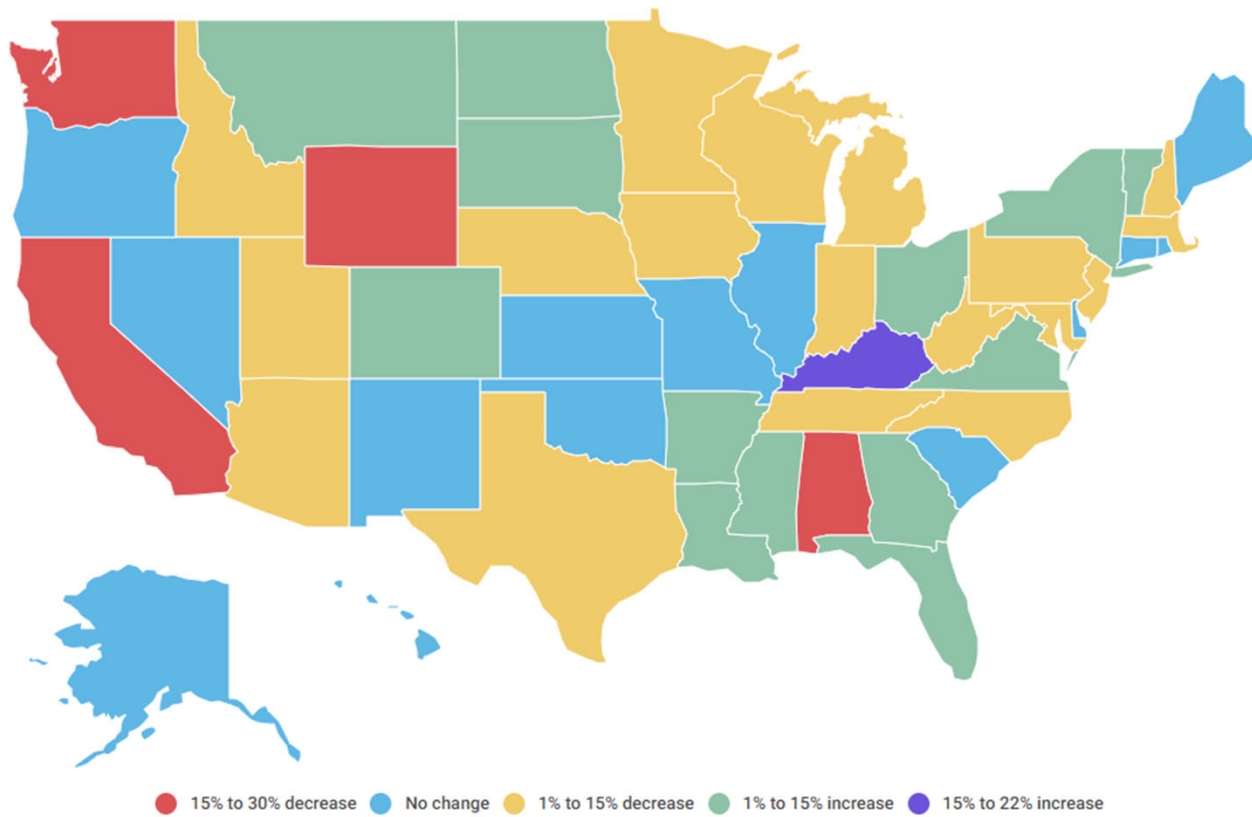
Rural Obstetric Care

Hospital obstetric services in US counties, 2004-14



SOURCE Authors' analysis of data for 2003-14 from the American Hospital Association Annual Survey, for 2004-14 for county-level obstetric services status from the Centers for Medicare and Medicaid Services' Provider of Services files, and for 2013 for metropolitan and nonmetropolitan designation from the Office of Management and Budget. **NOTES** "Full closure," "continual services," and "no services" are defined in the Notes to Exhibit 1. Urban counties are not in the study sample.

Percentage change in birthing hospitals from 2019 to 2020, by state



Source: March of Dimes

Rural America

- ▶ ACOG recognized that most rural counties have no OB/GYNs – they prefer to practice in urban areas
- ▶ Family Medicine residents more likely to provide maternity care services to rural areas
- ▶ Family physicians provide a disproportionate share of rural deliveries
- ▶ Greater travel distance to maternity care services is associated with worse perinatal outcomes
- ▶ Decreasing percentage of FPs are providing PN and intrapartum care in rural areas has contributed to increased number of rural communities with no local access to maternity care
- ▶ In rural America does not enough cases for OB/GYNs to deliver majority of babies. Family Physicians when not delivering babies can address all the other patient concerns – not limited by symptom, disease, gender or age
- ▶ Maternal and child outcomes similar between FPs and OB/GYNs performing cesarean sections

Family Physicians and Cesarean Sections

- ▶ 2017-2022 of 28,526 Family Physicians that responded to ABFM Continuing Certification Questionnaire, 589 (2.1%) provided C-sections as primary surgeons. They were more likely to be male, work in rural health clinics, small rural counties & in counties without OB/GYNs
- ▶ Family Physicians can be an important workforce to maintain and potentially expand access to rural maternity services.
 - Maternity Access in Rural America: The role of Family Physicians in Providing Access to Cesarean Sections
 - Tong ST, Morgan ZJ, Bazemore AW et al JABFM 2023;36:565-573.



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