

# **Childbearing Education Classes in South Dakota** Kaihlen Smith, MSIII, Bailey Pickering, MSIII, Tayler Modlin, MSIII University of South Dakota Sanford School of Medicine

### Introduction

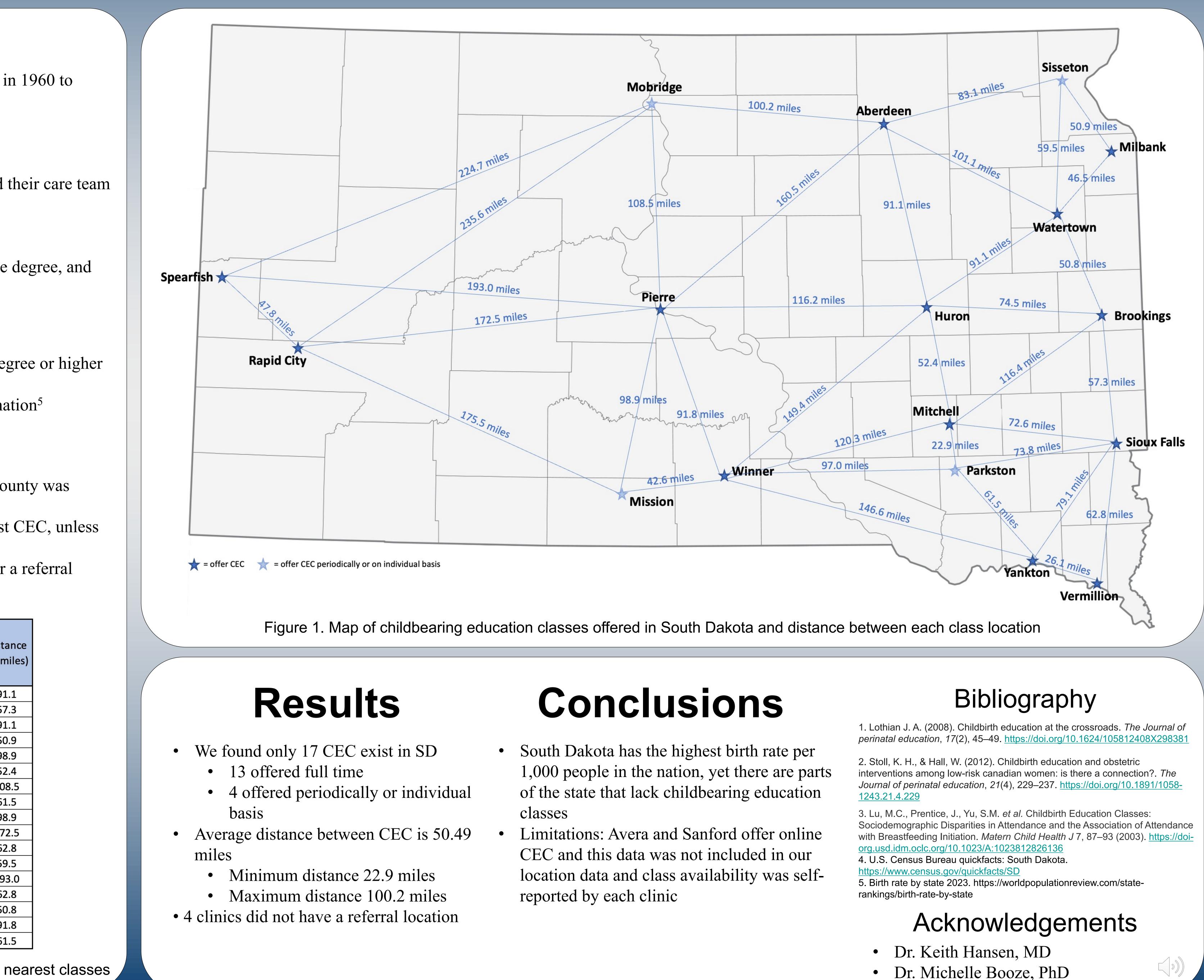
- Childbearing education classes (CEC) were started in 1960 to empower and educate women<sup>1</sup>
- Benefits of CEC<sup>2</sup>
  - Increased confidence
  - Increased likelihood of breastfeeding
  - Better communication between the patient and their care team
  - Increased labor and delivery satisfaction
  - Decreased analgesic use
  - 58% of women had less fear after attendance
- Attendees are mainly white, educated with a college degree, and  $\bullet$ are not in poverty<sup>3</sup>
- South Dakota's Population<sup>4</sup>
  - 19.2% not white
  - 70% of population does not have a bachelor degree or higher
  - 12.3% considered poor
  - SD has highest birth rate per 1,000 people in nation<sup>5</sup>

## Methods

- List of counties in SD and clinic locations in each county was created
- Each clinic was contacted and inquired about nearest CEC, unless information about CEC was available online
  - Clinics that did not offer classes were asked for a referral
- No patients were contacted throughout this process

Class Locations	Next closest location to offer childbearing education classes	Distance (in miles)	2nd closest location to offer childbearing education classes	Dist (in n
Aberdeen	Sisseton	83.1	Huron	91
Brookings	Watertown	50.8	Sioux Falls	57
Huron	Mitchell	52.4	Aberdeen	92
Milbank	Watertown	46.5	Sisseton	50
Mission	Winner	42.6	Pierre	98
Mitchell	Parkston	22.9	Huron	52
Mobridge	Aberdeen	100.2	Pierre	10
Parkston	Mitchell	22.9	Yankton	62
Pierre	Winner	91.8	Mission	98
Rapid City	Spearfish	47.8	Pierre	17
Sioux Falls	Brookings	57.3	Vermillion	62
Sisseton	Milbank	50.9	Watertown	59
Spearfish	Rapid City	47.8	Pierre	19
Vermillion	Yankton	26.1	Sioux Falls	62
Watertown	Milbank	46.5	Brookings	50
Winner	Mission	42.6	Pierre	93
Yankton	Vermillion	26.1	Parkston	63

Figure 2. Table of class locations and distance to next two nearest classes



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idual		1,000 people in the nation, yet there are parts of the state that lack childbearing education
		classes
50.49	•	Limitations: Avera and Sanford offer online
		CEC and this data was not included in our
		location data and class availability was self-
es		reported by each clinic
ion		

