MATERNAL AND INFANT HEALTH OUTCOMES FOR SC

Dr. Orgul D. Ozturk

Department Chair and Professor, Economics Department

in collaboration with Dr. Lindsey Woodworth and Dr. Angela Shoulders



Darla Moore School of Business

MAJOR MATERNAL AND CHILD MORBIDITY COSTS

• From conception to age 5, nationally

maternal			
Productivity losses	6.6 billion	Preterm births	13.7 billion
Increased delivery and hospital expenses	1 billion	Developmental disorders	6.5 billion
Increased social service use	240 million	Respiratory distress syndrome	2.1 billion
		Source: COMMONEALTH FUND Study 2021	



SOME LOWER BOUND ECONOMIC IMPACT NUMBERS FOR SC

Within conception thru first 5 years of life:

- Direct Medical Costs: ~ \$16 millions
- Workforce Productivity: ~ \$ 106 millions.
- Increased Reliance on Public Assistance: ~ \$ 3.8 millions
- Increased Medicaid costs, reliance on emergency services, increased medical needs of children: ~ \$ 357 millions

Prenatal care ROI: \$1 invested saves \$3-\$6.



THANKS!

Dr. Orgul Ozturk

Department Chair and Professor of Economics
odozturk@moore.sc.edu

