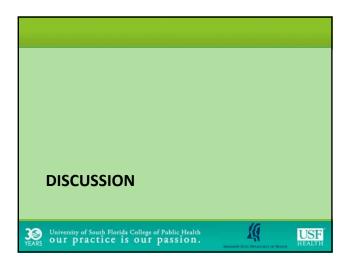


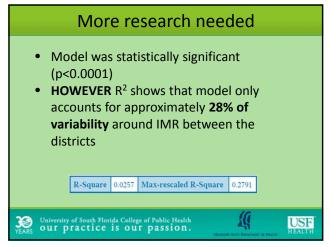


Effect	DF	Wald Chi-Square	Pr>ChiSq
District	8	10.5511	0.2285
Tobacco use	1	12.3257	0.0004
Birth weight	4	336.3640	<.0001
Marital status	1	4.4233	0.035
Education level	3	21.399	<.0001
Race	2	5.4304	0.0662*
Sig. comp labor& delivery	1	4.5052	0.0338
Sig. abnormal condition newborn	1	53.0387	<.0001
Sig. obstetric procedures	1	0.1093	0.7409*
Previous # live births	1	21.8074	<.0001

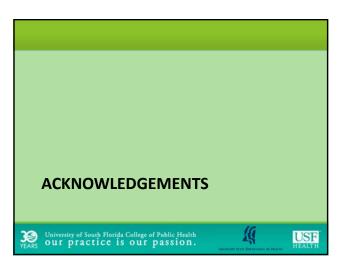
Main effect variables*	Odds Ratio	95% CI		
Birth weight				
Less than 1500g	10.96	(7.2-15.55)		
1500-1999g	1.90	(1.23-2.93)		
2000-2499g	0.34	(0.19-0.64)		
2500-3999g	0.28	(0.20-0.39)		
4000+ grams	0.50	(0.245-1.03)		
Marital status				
Single	1.12	(1.01-1.24)		
Married	0.90	(0.81-0.99)		
Tobacco use				
Smoker	1.23	(1.09-1.38)		
Non-smoker	0.82	(0.73-0.91)		
Previous number of live births				
Previous live birth	1.03	(1.02-1.04)		

Maternal education					
Less than HS	1.66	(1.34-2.06)			
Graduated HS	1.18	(0.94-1.50)			
Some college	0.84	(0.62-1.13)			
4+ years college	0.61	(0.41-0.90)			
Maternal race					
White	1.15	(0.83-1.60)			
Black	1.39	(1.00-1.94)			
Other	0.63	(0.34-1.17)			
Significant complications during labor and delivery <sup>†</sup>					
None	1.30	(1.02-1.67)			
1 or more	0.77	(0.60-0.98)			
Significant abnormal conditions of the newborn <sup>§</sup>					
None	0.63	(0.55-0.71)			
1 or more	1.60	(1.41-1.81)			
Significant obstetric procedures <sup>q</sup>					
None	1.02	(0.89-1.17)			
1 or more	0.98	(0.85-1.12)			









The authors acknowledge and appreciate the support and guidance provided by:

Dick Johnson, MS, of Mississippi Vital Records/Public Health Statistics and

Dr. Russell Kirby, PhD, MS, FACE of University of South Florida

University of South Florida College of Public Health our practice is our passion.

Special thank you for supporting this presentation to:

Student Honorary Award for Research and Practice (SHARP)

Department of Community and Family Health

University of South Florida

University of South Florida College of Public Health our practice is our passion.

