

West Virginia CARESS

Congenital Abnormalities Registry, Education and Surveillance System

Melissa A. Baker, MA
Office of Maternal, Child and Family Health
Research, Evaluation and Planning Division

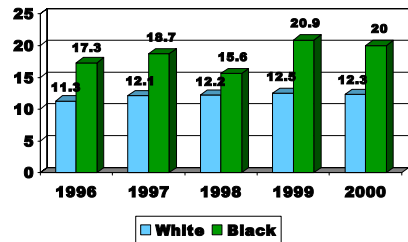
Patent Ductus Arteriosis (PDA)

- Occurs when a blood vessel that is normal while a baby is in the womb fails to close after the baby is born.
- Cause is not known.
- Affects 1 in 2000 babies born each year.
- More common in premature infants.

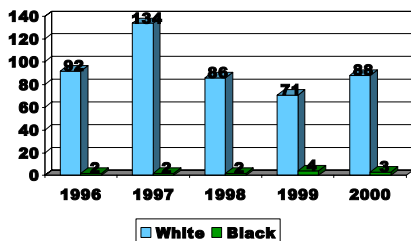
West Virginia Data

- 1996 – 2000
- CARESS and Vital Statistics
- PDA
- Gestational Age
- Race

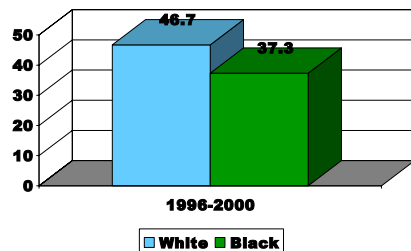
% Preterm Births in WV



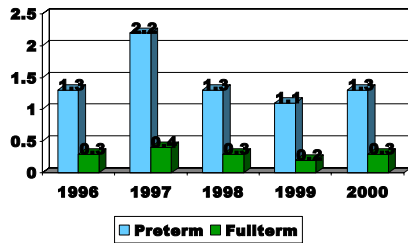
WV PDA Cases by Race



WV PDA Rates by Race 1996-2000 (per 10,000)



WV PDA Percentages by Gestational Age



Conclusions

- The occurrence of PDA and the prevalence of preterm births have not declined in West Virginia.
- Preterm births can be reduced with prenatal counseling, education and care.
- Reduction in preterm births could result in an overall reduction in infant illness, disability and death.

PATENT DUCTUS ARTERIOSIS AND PRETERM BIRTHS WEST VIRGINIA 1996 - 2000