

Figure 1B-27
Abnormal Conditions of the Newborn by Gestational Age, Arizona, 2013

Since the first year these data were collected, three of the eight specific abnormal conditions listed on the birth certificate have been reported most frequently: *assisted ventilation less than 30 minutes*, *assisted ventilation of 30 minutes or longer*, and *hyaline membrane disease/respiratory distress syndrome (RDS)*. *Hyaline membrane disease/RDS* is a common cause of morbidity in preterm infants. The rates of abnormal conditions are the highest among very preterm (less than 32 weeks of gestation) and moderately preterm (32-36 weeks of gestation; **Figure 1B-27**).

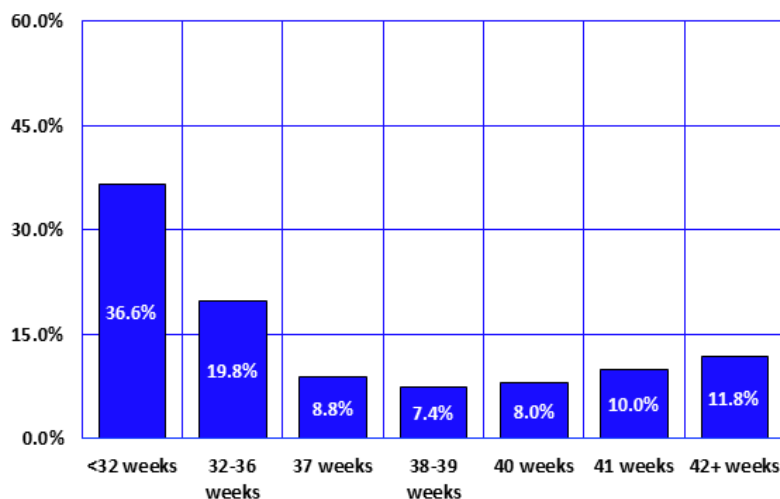


Figure 1B-28
The Incidence of Downs Syndrome by Mother's Age Group, Arizona, 2013

Congenital anomalies (birth defects) are the leading cause of infant death in Arizona and nationally. They are also the cause of physical defects and metabolic diseases.

For various anomalies, rates vary widely with maternal age. For example, in 2013 as in prior years, the rate of Down's Syndrome, the most frequently recognized cause of mental retardation, was substantially higher for births to mothers aged 35 years and over (**Figure 1B-28, Table 1B-34**). The incidence rate of 103.2 cases of Down's Syndrome per 100,000 births to women 35 years or older was 4.9 times greater than the incidence rate of 20.9 for women aged 24 years or younger.

