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Brazilian Infectious and Parasitic Diseases Child Mortality between 2014 and 2018

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ABSTRACT

Objectives: Determinate which children are more likely to die due to infectious and parasitic diseases in order to indicate which groups require more attention from the health system. **Methods:** Data from the Mortality Information System (SIM) by the Informatics Department of the Unified Health System (DATASUS) regarding deaths from infectious and parasitic diseases were collected. All records by year and region of death and race and sex of children between 0 and 19 years were considered. **Results:** In the 5 years, 14,659 infant deaths due to infectious and parasitic diseases were recorded in Brazil, an average of 2,931.8 (± 323.8) per year. There is a 19.5% reduction between 2018 and 2014, that is, 5 years. The highest concentration of records is in the Northeast region, close to Southeast, with 33.2% and 32.4% respectively. Children under 1 year old are majority, with 52.1% while 5 to 9 years old are minority, 7.2%. As for sex, there is a small difference, 54.8% of the records are male. Most children are brown, 49.7%, followed by white, with considerably less, 34%. **Conclusions:** Brown children, under 1 year old and residents of the Northeast or Southeast are, according to statistics, more prone to fatal outcome of infectious and parasitic diseases. From this profile, it can be inferred that race and age are determining factors for child survival. Measures such as guidance to parents during prenatal care on preventing infections and parasites should be instituted, as well as childcare control and child vaccination in primary care.

Keywords: Infectious Diseases. Parasitic Diseases. Death. Infectious Disease Medicine

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