

Chosen Subject: Child and Infant Mortality

The child mortality rate, commonly known as the under-five mortality rate, is the probability of dying between the ages of birth and five years, represented as a percentage of 1,000 live births. Since 1990, there has been a dramatic reduction in preventable child fatalities, with the global under-5 mortality rate falling by more than half between 1990 and 2016. In 1990, 12.6 million children under the age of five died; by 2016, that number has dropped to 5.6 million. Despite progress, 15,000 children under the age of five die every day from highly preventable causes. Approximately 80% of these occur in Sub-Saharan Africa and South Asia, with only 6% occurring elsewhere.

A) REPLICAS:

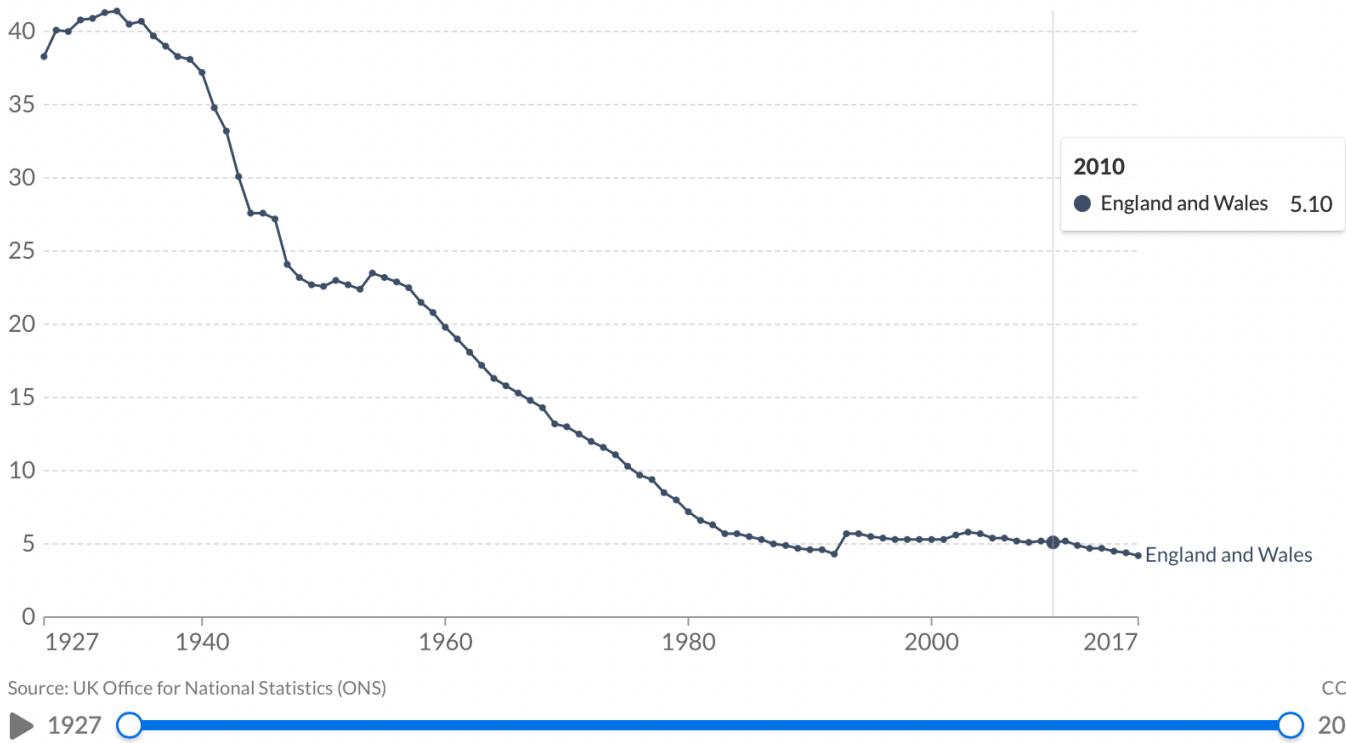
1) Stillbirth rate in England and Wales, 1927 – 2017.

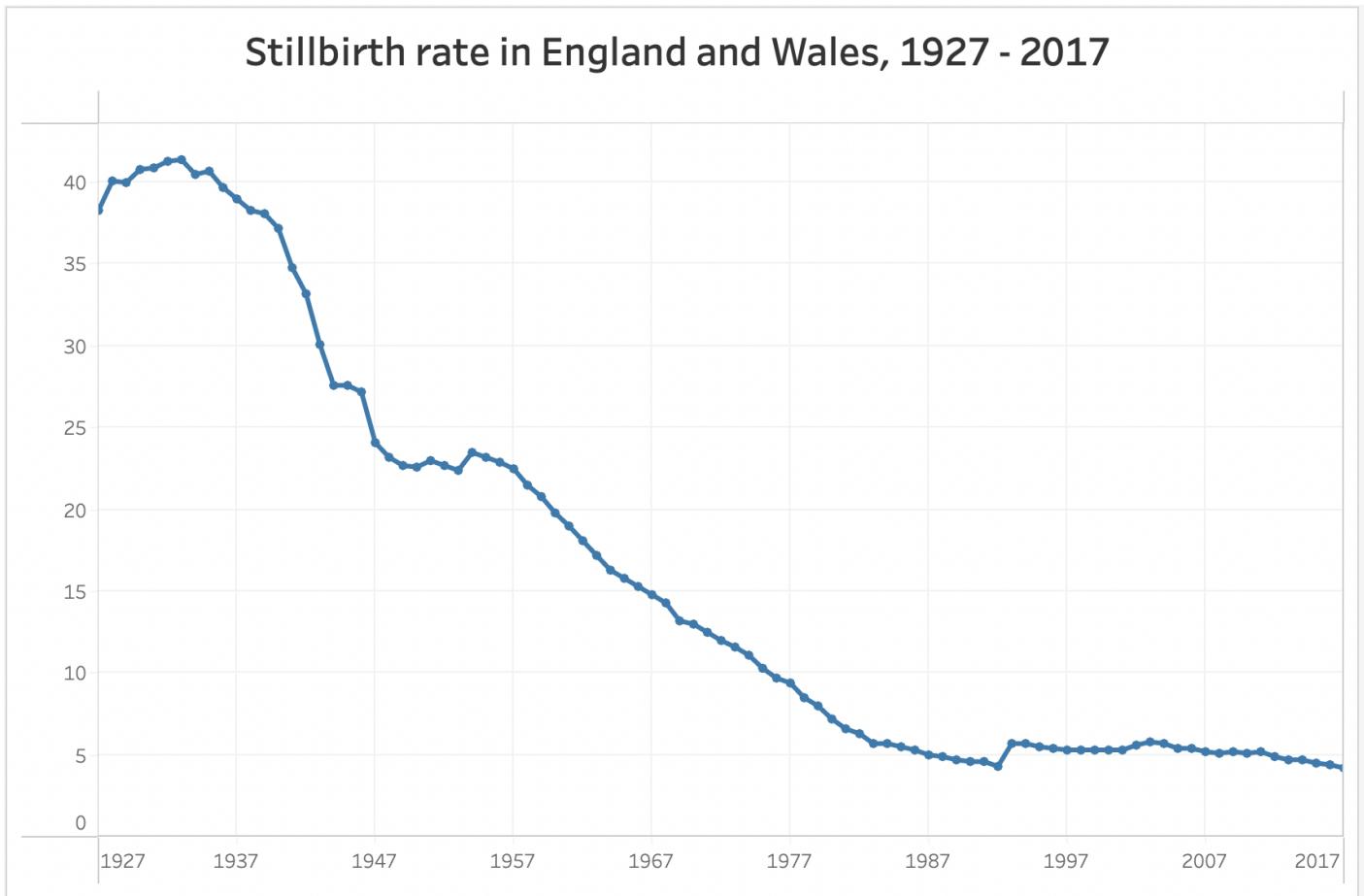
The number of stillbirths per 1,000 total births is the stillbirth rate (the sum of still and live births). The Stillbirth (Definition) Act 1992 went into effect on October 1, 1992, changing the definition of a stillbirth to 24 weeks or more completed gestation rather than 28 weeks or more completed gestation. As we can see over the years the rate of stillbirth rate is a decreasing trend this is due to all the medical advancements and awareness.

Stillbirth rate in England and Wales (per 1,000 total births), 1927 to 2017

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The stillbirth rate given as the number of stillbirths per 1,000 total births (the sum of still and live births). On 1 October 1992 the Stillbirth (Definition) Act 1992 came into force, altering the definition of a stillbirth to 24 or more weeks completed gestation, instead of 28 or more weeks completed gestation. Figures for stillbirths from 1993 are thus not fully comparable with those for previous years.





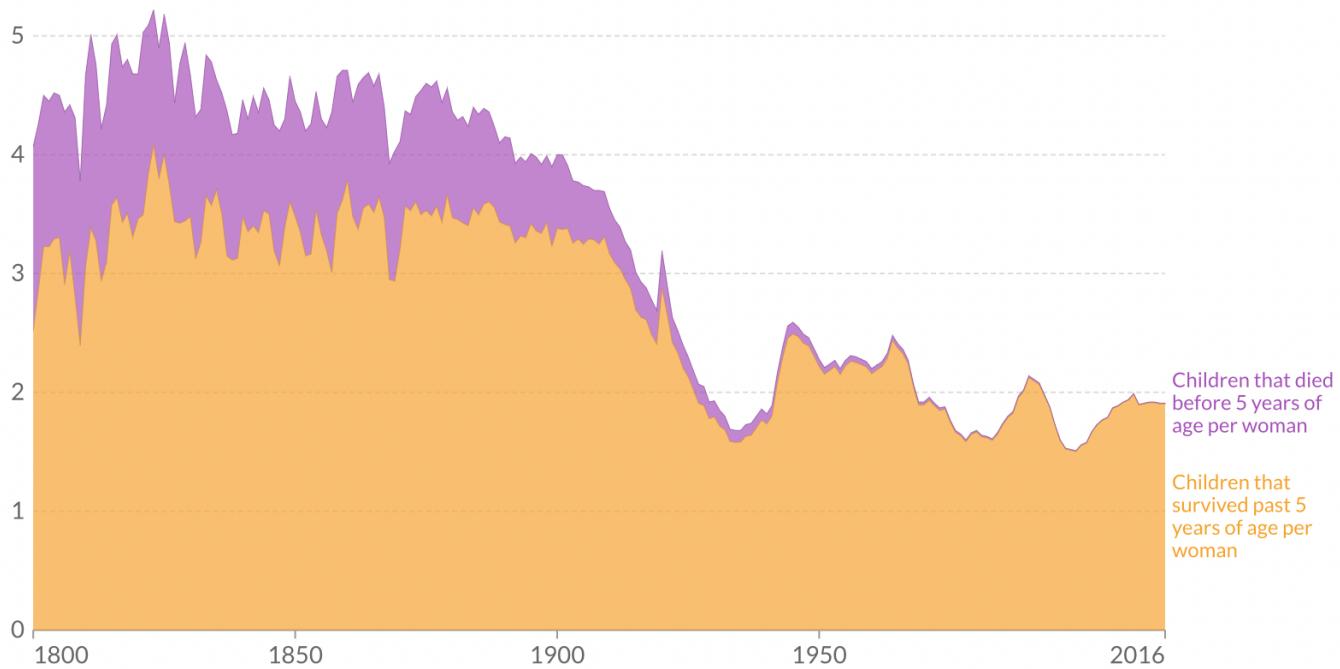
- 2) Children per women that survived childhood vs those that died in childhood, Sweden 1800 – 2016

The average number of children born per woman is represented by the overall height of the orange and purple areas. The purple region depicts the average number of children born to an average woman who died within their first five years of life whereas orange area shows the number of children who survived.

Children per woman that survived childhood vs those that died in childhood, Sweden, 1800 to 2016

The total height of the orange and purple areas shows the average number of children born per woman. The area in purple shows the average number of children an average woman gave birth to, who died within the first five years of life.

[Change country](#) Relative

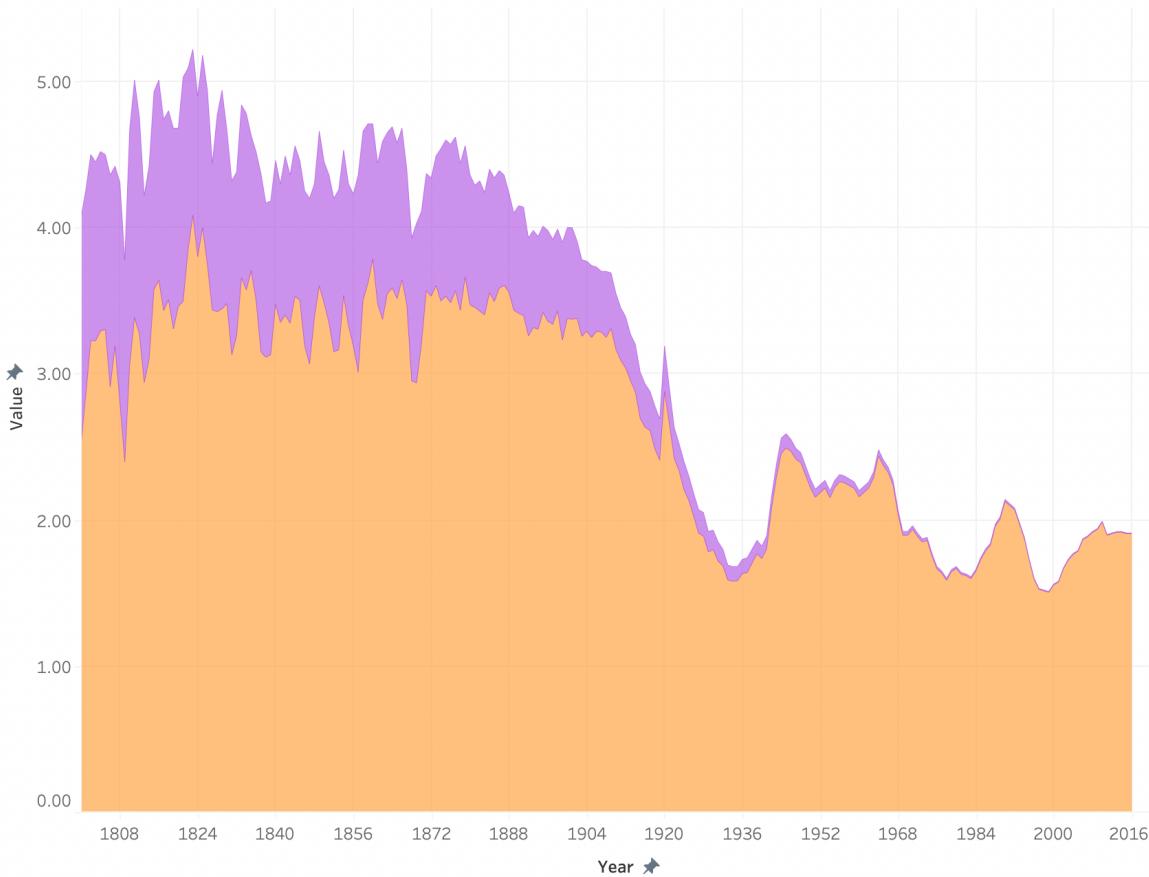


Source: OWID calculations based on Gapminder data

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Children per women that survived childhood vs those that died in childhood, Sweden 1800 - 2016

Measure Names
Children that died be...
Children that survive...



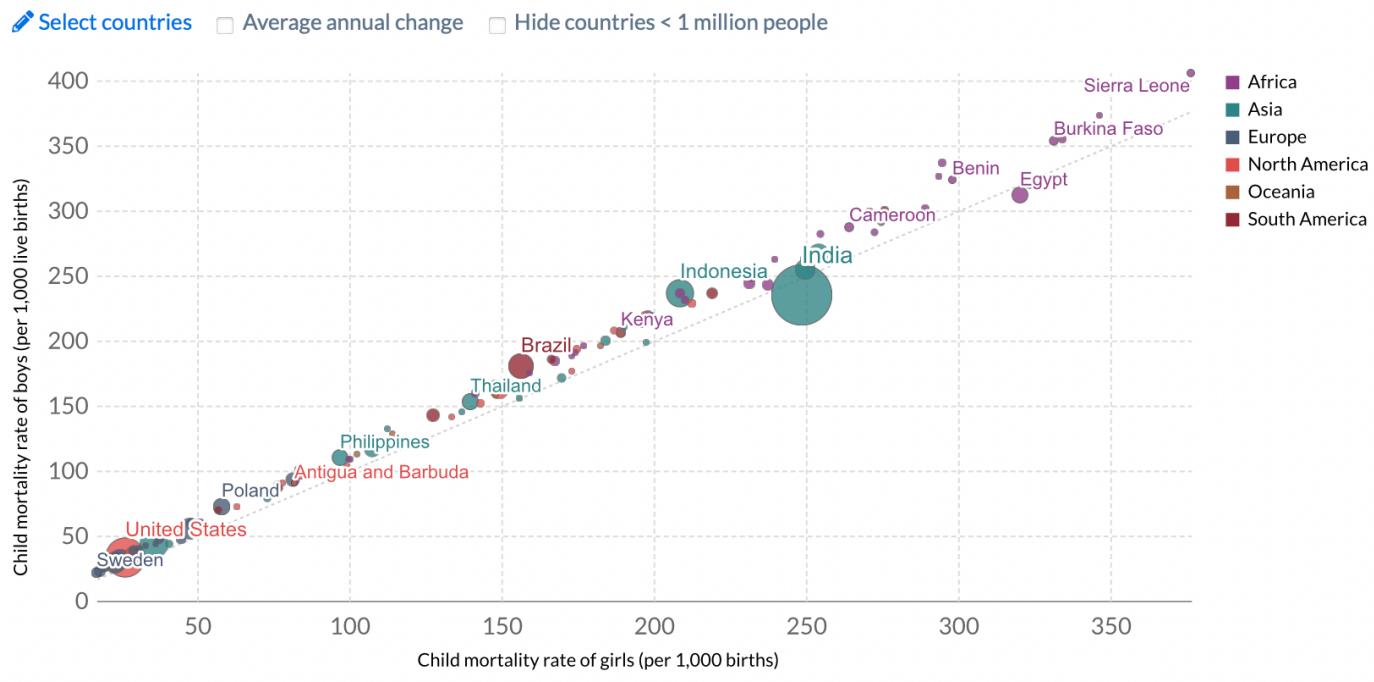
3) Child mortality rate in boys and girls

Boys have a higher risk of child mortality than girls. If subjected to age-specific death rates in the specified year, the under-five mortality rate is the risk per 1,000 that a newborn baby would die before reaching the age of five. The parity line, which shows that mortality rates for males and girls are equal, is also presented.

Child mortality rate in boys and girls per 1,000 live births, 1960

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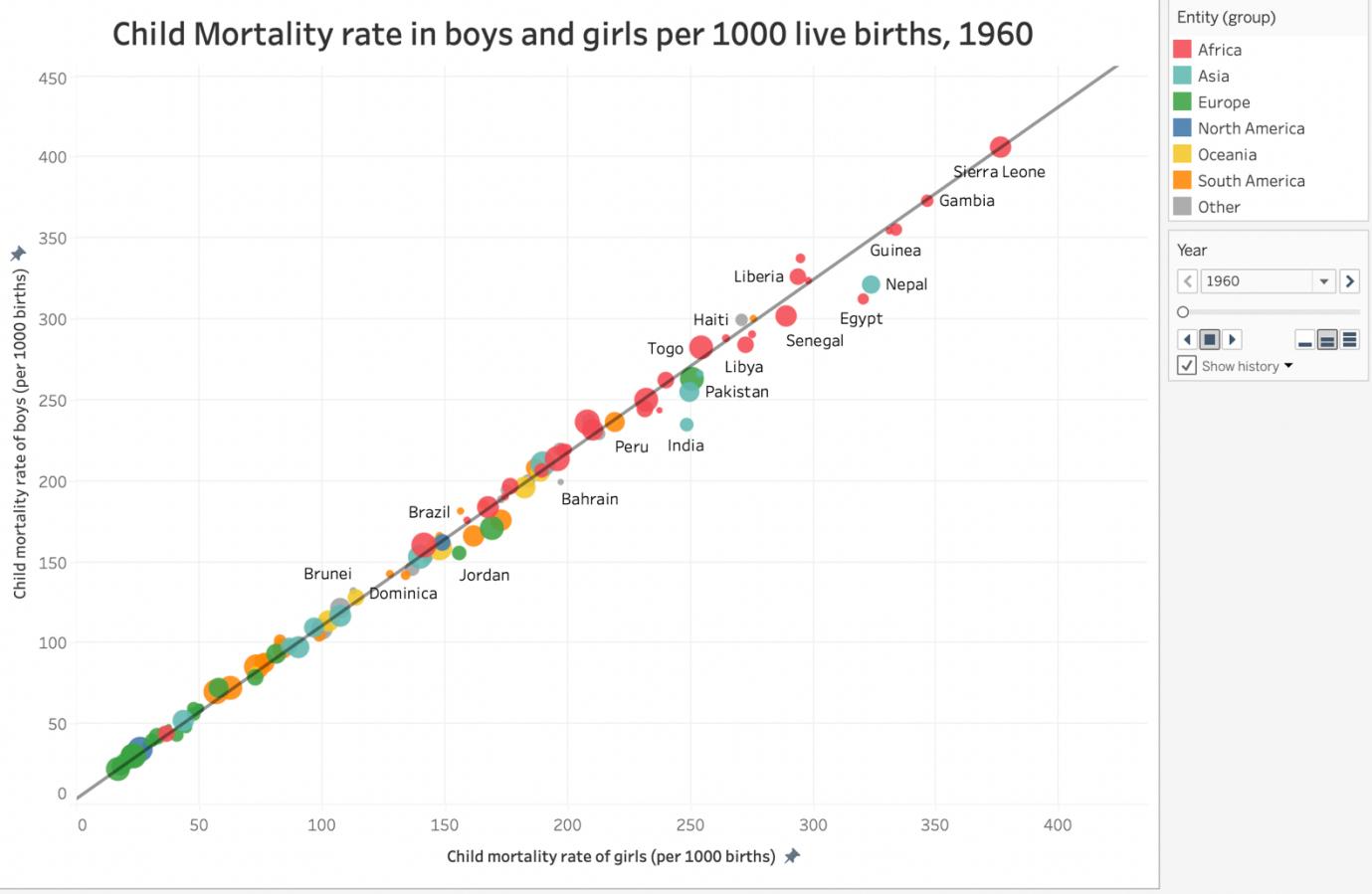
Child mortality rate in boys versus rate in girls. Under-five mortality rate, is the probability per 1,000 that a newborn baby will die before reaching age five, if subject to age-specific mortality rates of the specified year. Also shown is the parity line, along which mortality rates in boys and girls are equal.



Source: UN Inter-agency Group for Child Mortality Estimation (via World Bank)

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2019



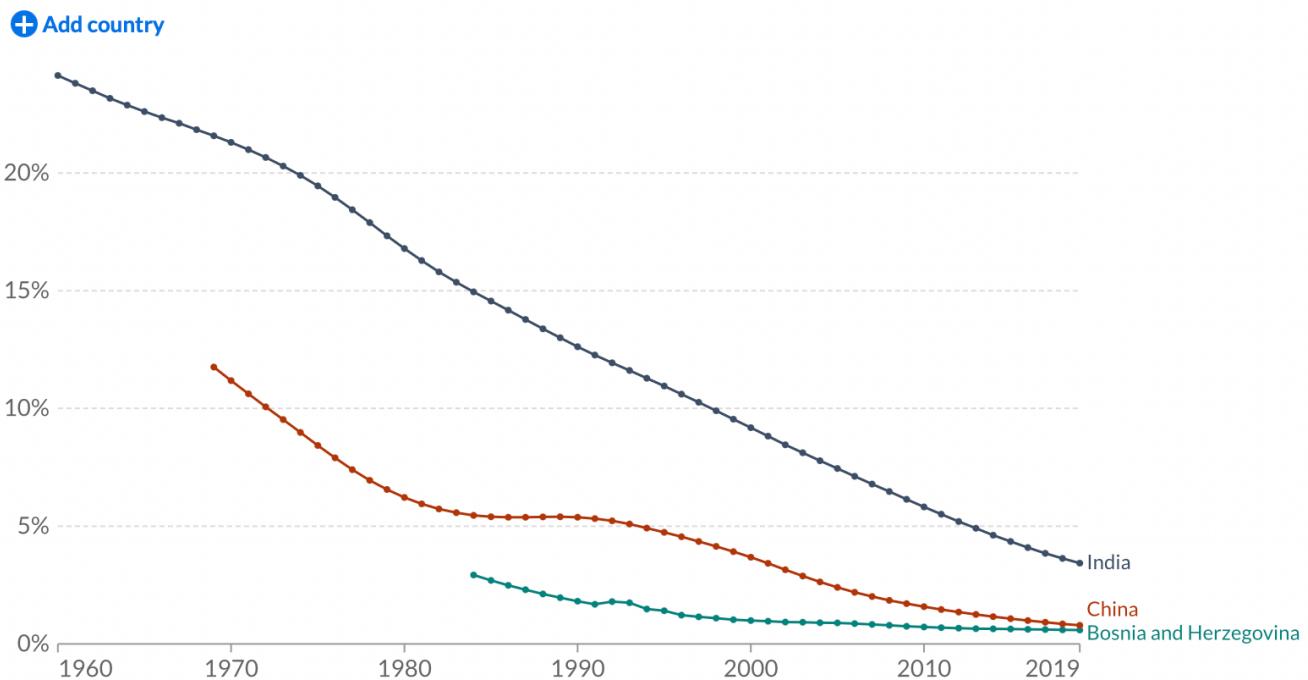
4) Child mortality rate

The percentage of children that die before they turn 5 years old. This graph shows the trend in India, China and Bosnia – Herzegovina. Over the years this % of deaths has decreased.

Child mortality rate

The share of newborns who die before reaching the age of five.

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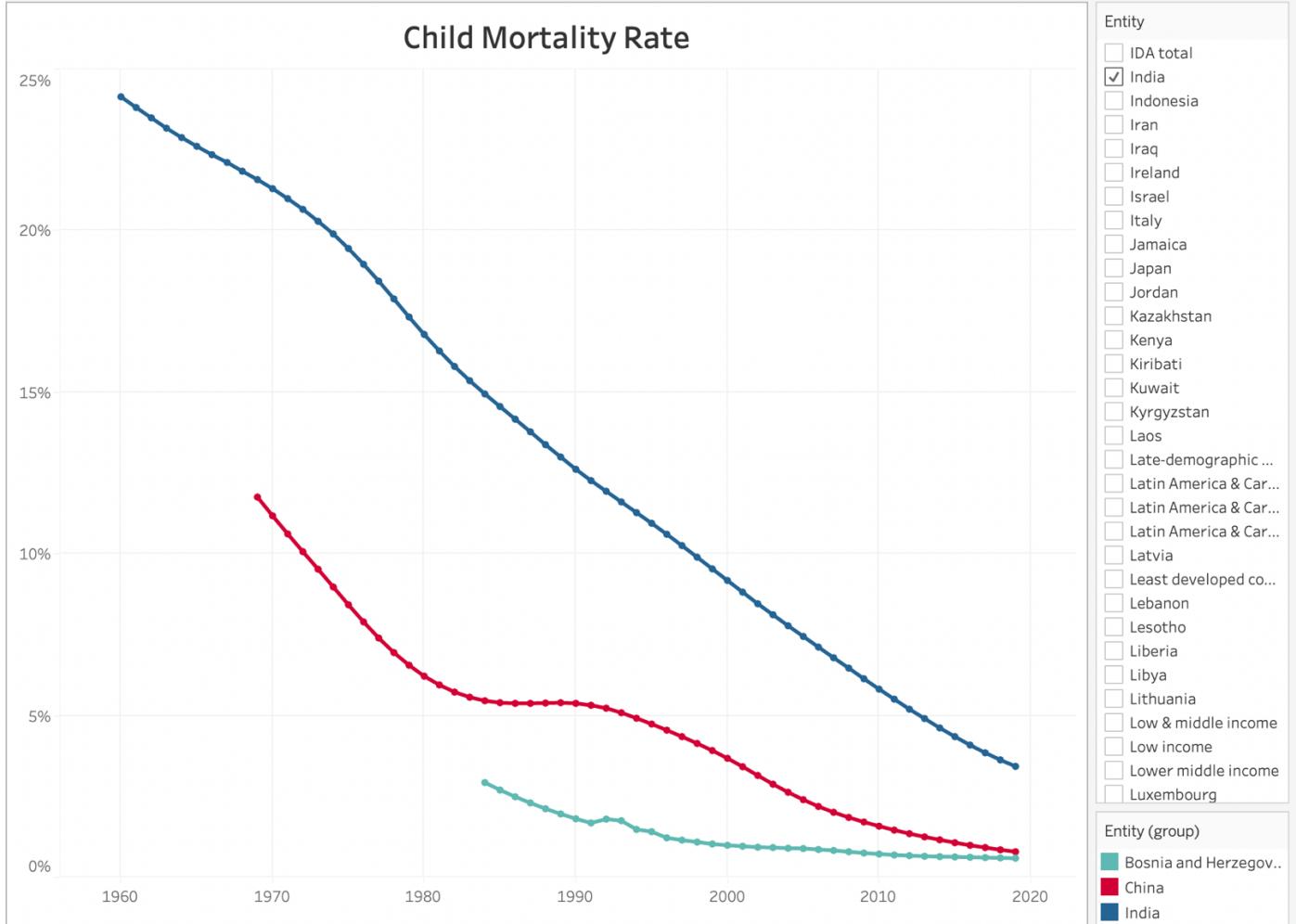


Source: UN Inter-agency Group for Child Mortality Estimation (via World Bank)

Note: The child mortality rate expresses the probability of a child born in a specific year or period dying before reaching the age of 5 years, if subject to age-specific mortality rates of that period. This is given as the share of live births.

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► 1960 2019



B) NEW

Children who died before the age of 5 and after the age of 5. In the given regions the graph basically shows # of deaths of children under the age of 5 and # of survivals beyond the age of 5.

Children who died before and after the age of 5

