... is the average lifespan a newborn can expect...

... is short when child deaths are common.
Income per person (comparable dollars per year)

Life expectancy (years)

Population (millions)

81 years

50 years

Burundi

Sweden
20 000

$2000

$200

Income per person (comparable dollars per year)

Income per person: 20 000

Age (years)

Life expectancy (years)

Population (millions)

Burundi

Map of Africa with Burundi highlighted.
Look at the expected life of five newborn Burundians...
How long will they live...

...if conditions remain as in Burundi in 2007 during their whole lifetime?
So yes, 2 of 5 get old in Burundi.
Calculate the mean...

\[
\frac{1+36+57+72+84}{5} = 50
\]
20,000 $

2000 $

200 $

Income per person (comparable dollars per year)

81 years

50 years

84 years

72 years

36 years

Burundi

50 years

31 years

Sweden

Life expectancy (years)

Population (millions)

1000

1
Sweden

Do all Swedes live 31 years longer than the Burundians?
Look at the expected life of five newborn Swedes...
How long will they live...

...if conditions remain as in Sweden in 2007 during their whole lifetime?
Sweden 2007

Age (years)

63
77
84
88
93

1 adult
4 old
Calculate the mean...

\[
\frac{63+77+84+88+93}{5} = 81
\]
Population (millions) 1

Income per person (comparable dollars per year)

Sweden

81 years

Population

Life expectancy (years)

200 $ 2000 $ 20 000 $

20000 $
Let’s compare

Sweden

Burundi
200,000 $  2000 $  200 $  20 $  Income per person (comparable dollars per year)
"To live long" in Sweden is almost the same as "to live long" in Burundi. So, no, all Burundians do not live 31 years shorter than Swedes.
“To live long” in **Sweden** is almost the **same** as “to live long” in **Burundi**. 

But “dying young” in **Sweden** is very **different** from “dying young” in **Burundi**.
Life expectancy

... is an average
- Most Burundians get older than 50
- Some die in childhood

... is low when child-deaths are common
- It is low in Burundi not because all die a bit earlier
- But because some die much younger
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