



Measuring digital development Facts and figures 2020



ITUWTIS
ONLINE2020

1-3 December
Online event



What's new?

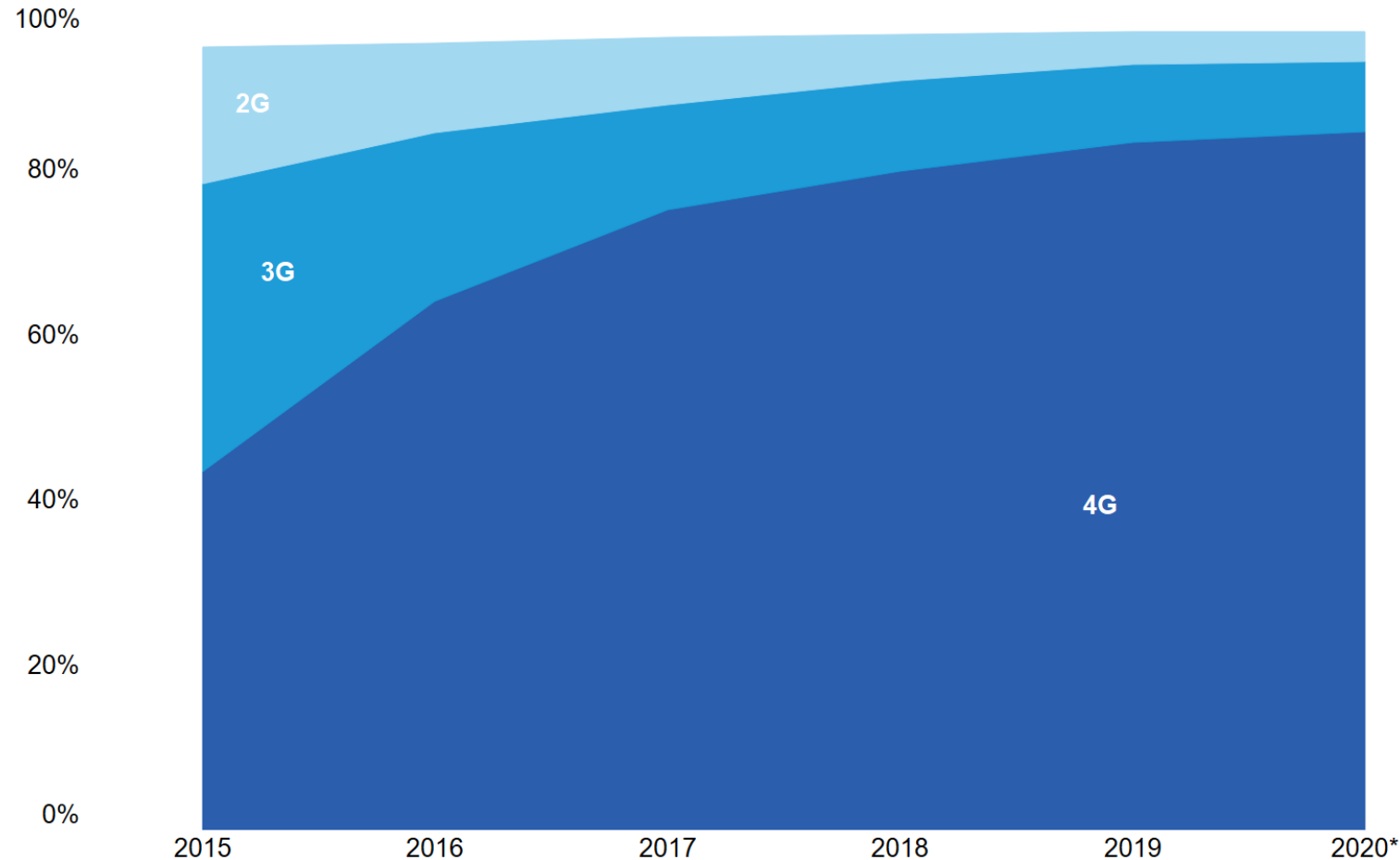
- The best way to explore Facts and figures is through the [interactive report](#).
- Estimates for Small Island Developing States and Landlocked Developing Countries are available for the first time.
- Because of the COVID-19 pandemic it was not possible to produce estimates for 2020 for some of the indicators. For these indicators, the situation at the end of 2019 is taken into account.

Highlights

- Persistent urban-rural gap in mobile-broadband network coverage and in Internet access at home
- Slower rollout of infrastructure
- Declining mobile-cellular subscriptions
- High Internet use among youth

Rollout of mobile-broadband networks slowing down in 2020

Population coverage by type of mobile network, 2015-2020*



* ITU estimate. Source: ITU



Mobile-broadband network coverage: Developing countries' rural areas still penalized

Population coverage by type of mobile network and area, 2020*



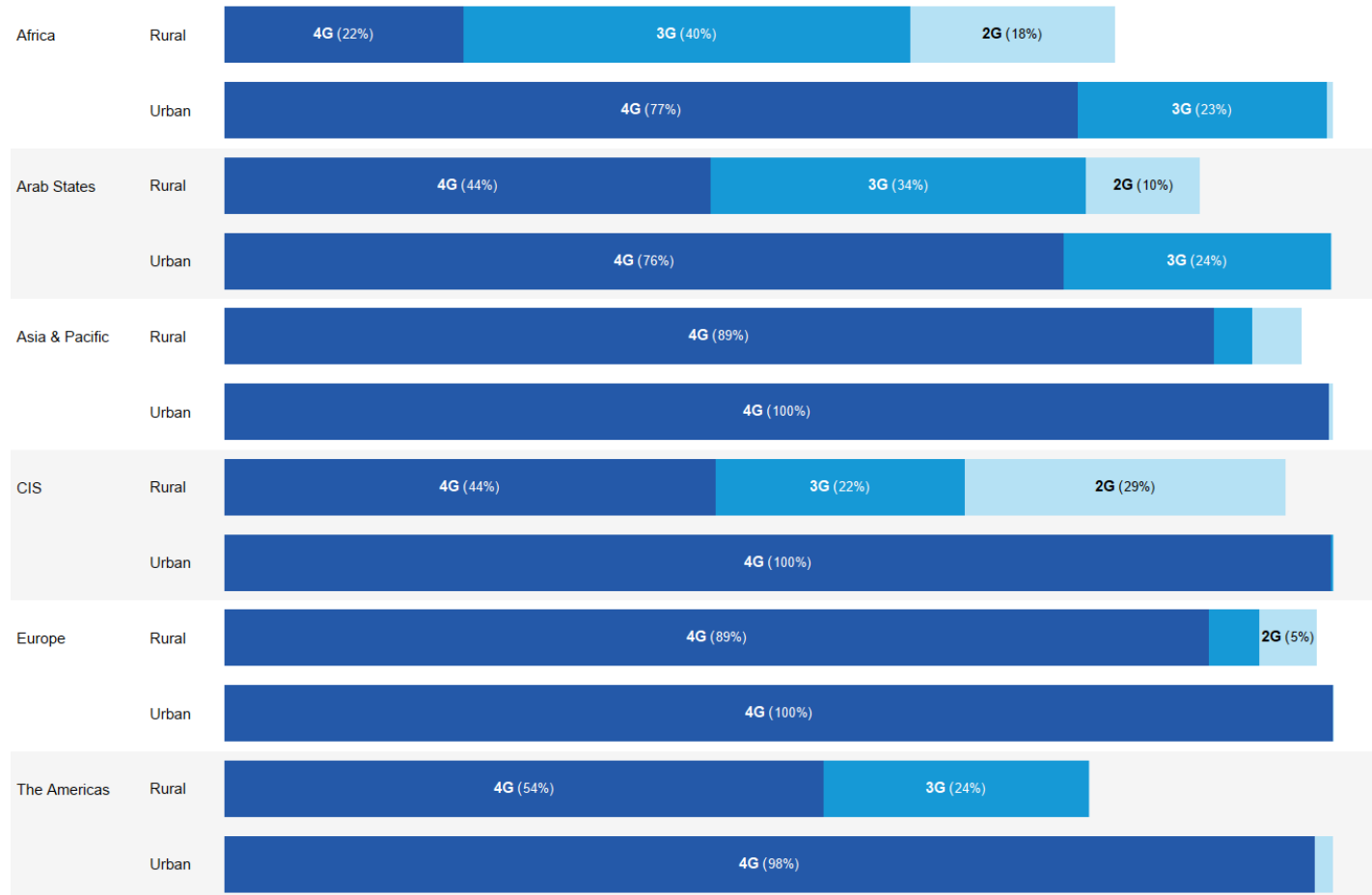
* ITU estimate. Source: ITU

Note: The values for 2G and 3G networks show the incremental percentage of population that is not covered by a more advanced technology network (e.g. 84% of the global rural population is covered by a 3G network, that is 71% + 13%).



Mobile-broadband network coverage: Significant urban-rural gaps in regions as well

Population coverage by type of mobile network and area, 2020*



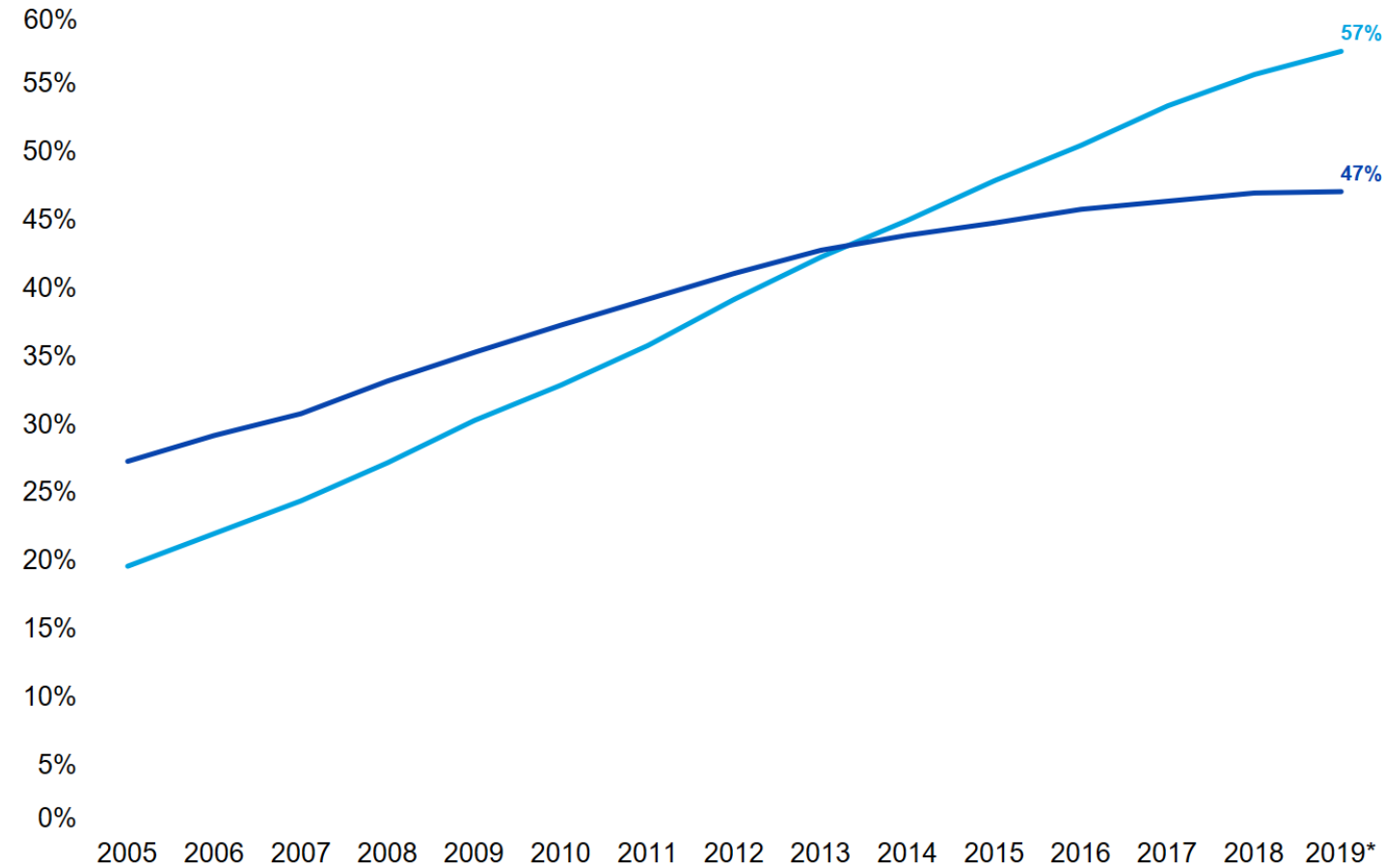
* ITU estimate. Source: ITU

Note: The values for 2G and 3G networks show the incremental percentage of population that is not covered by a more advanced technology network (e.g. 84% of the global rural population is covered by a 3G network, that is 71% + 13%).



Household Internet access continues to grow

Percentage of households with Internet access at home and with a computer, 2005-2019*



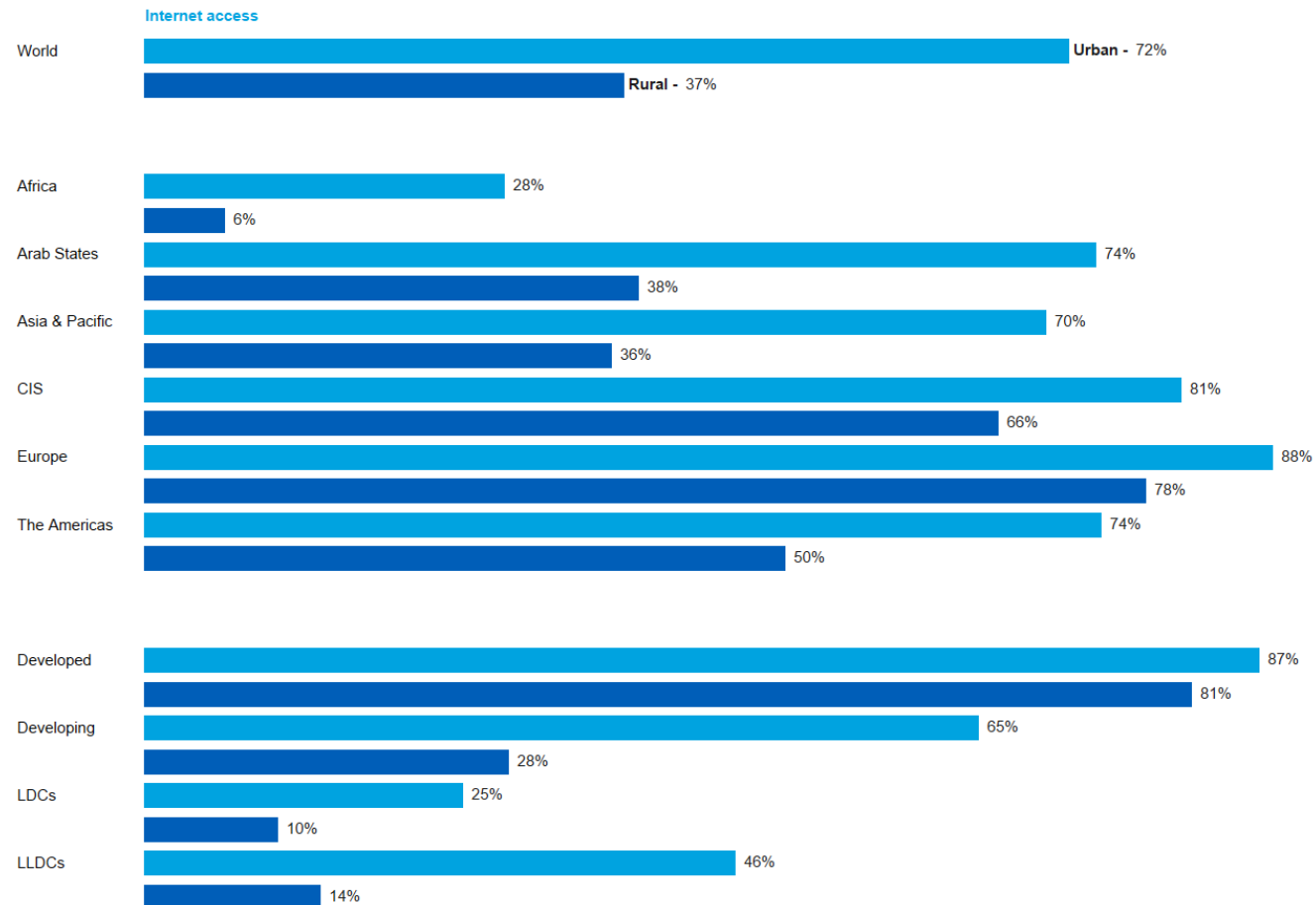
■ Households with a computer
■ Households with Internet access at home

* ITU estimate. Source: ITU



Internet access at home in urban areas twice as high as in rural areas

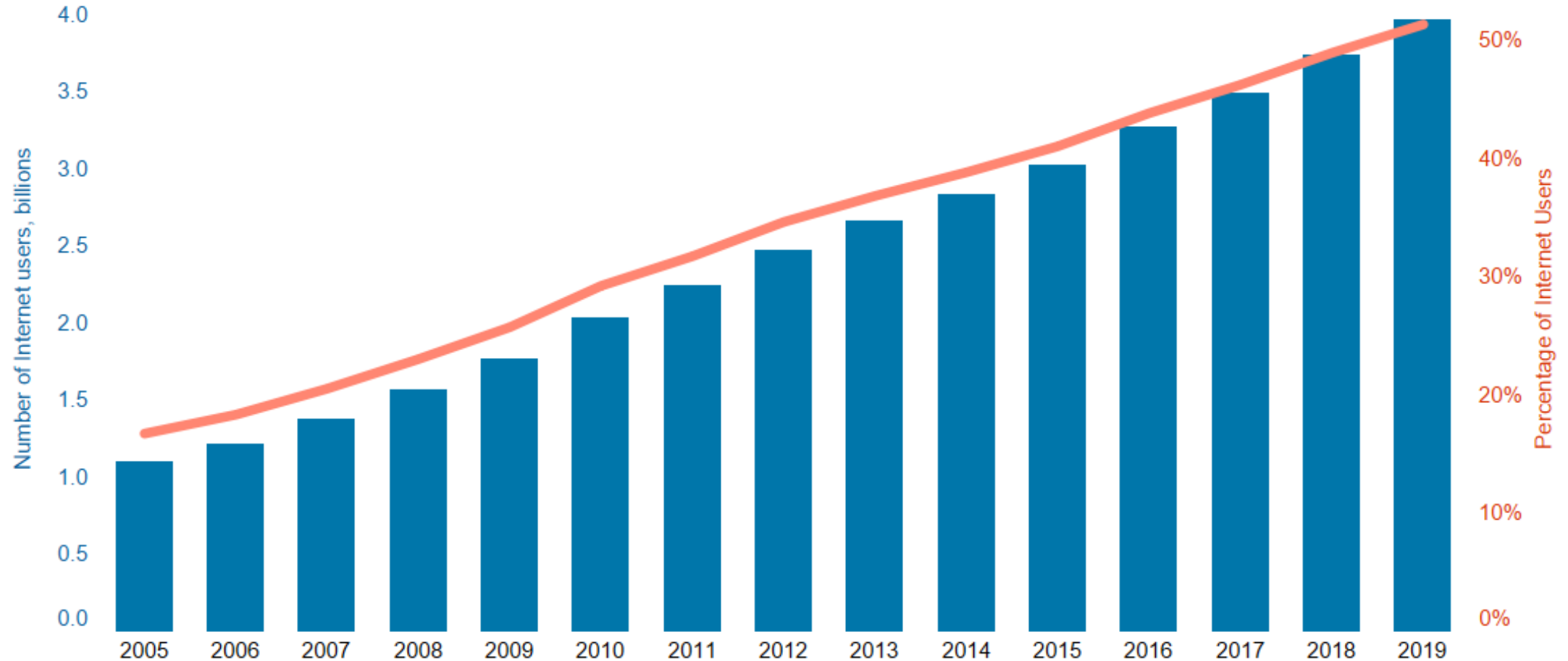
Percentage of households with Internet access at home, by urban/rural area, 2020*



* ITU estimate. Source: ITU

4 billion people are using the Internet

Individuals using the Internet

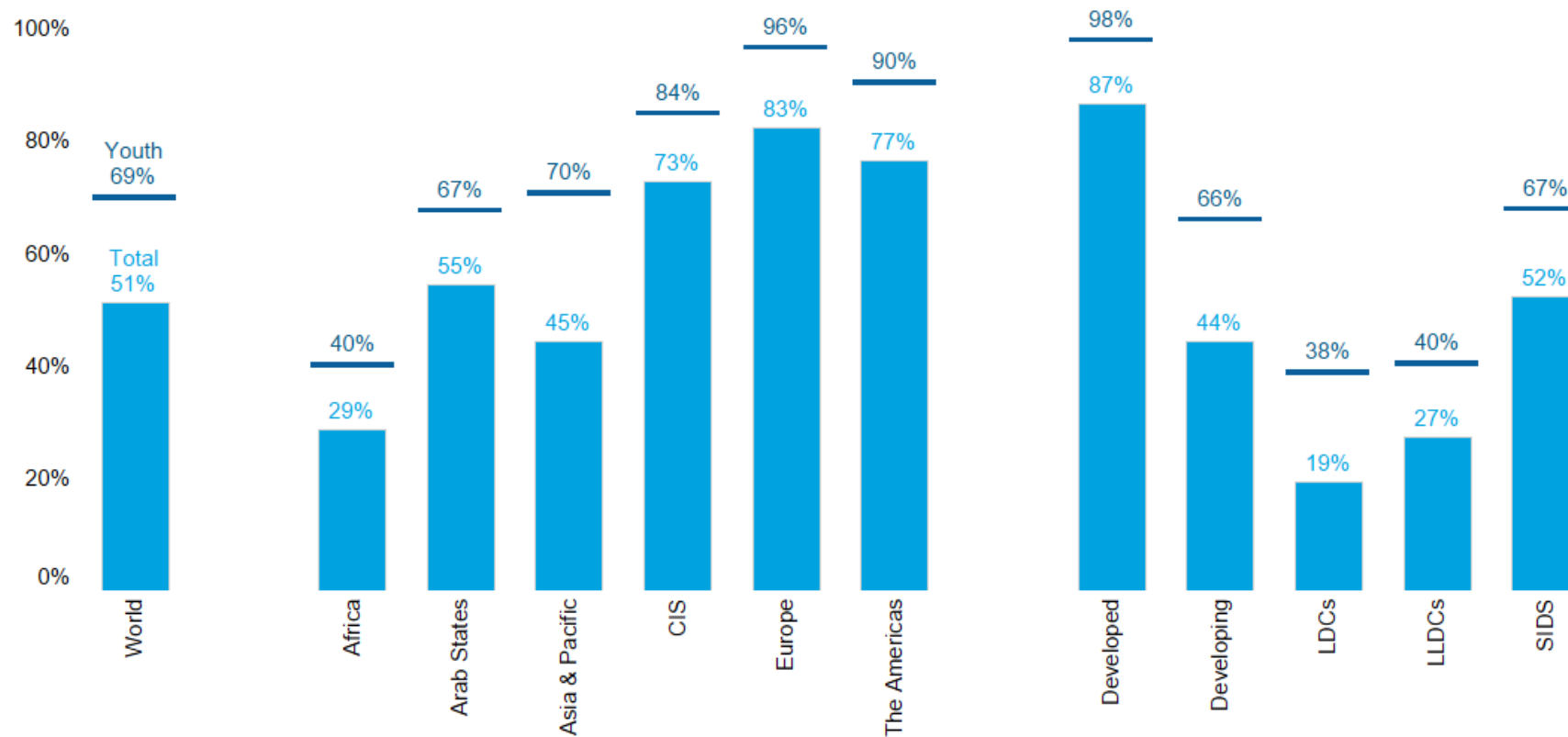


Source: ITU



Almost seventy per cent of the world's youth are using the Internet

Percentage of individuals using the Internet, 2019*



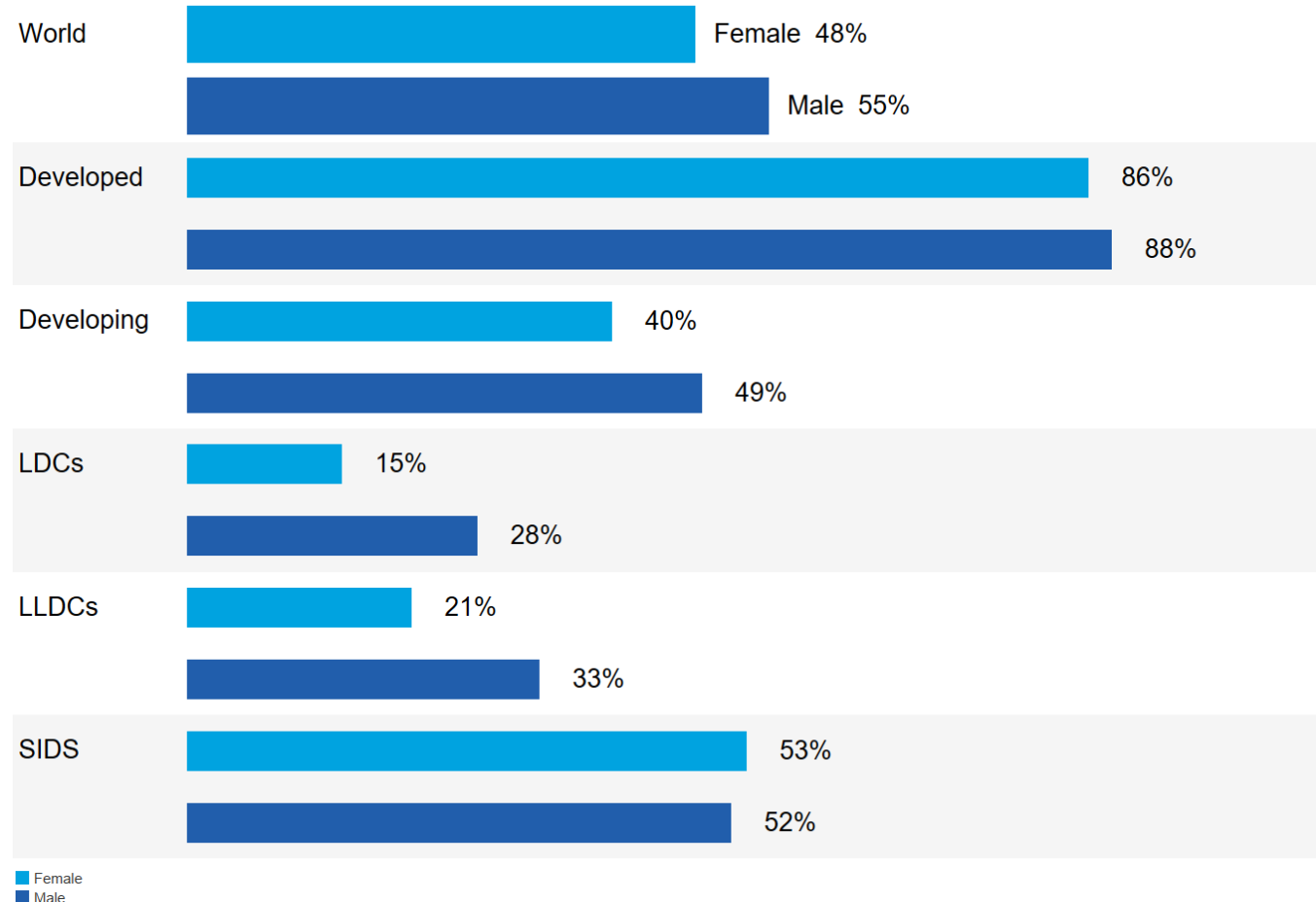
* ITU estimate. Source: ITU

Note: youth means 15-24 year old individuals using the Internet as a percentage of the total population aged 15 to 24 years.



Internet gender gap large in developing countries

Percentage of female and male population using the Internet, 2019*

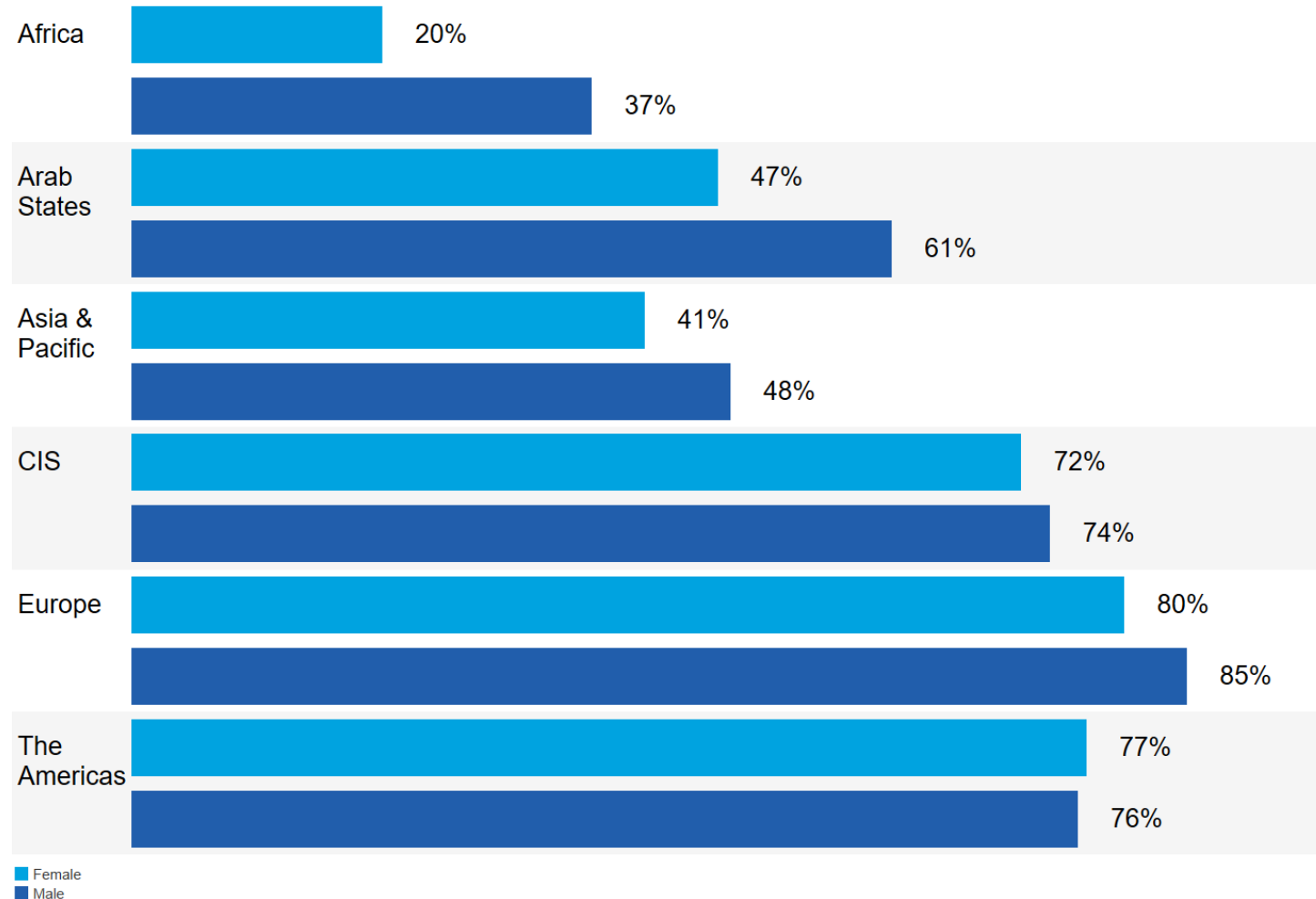


* ITU estimate. Source: ITU



Regional differences in Internet gender gap

Percentage of female and male population using the Internet, 2019*

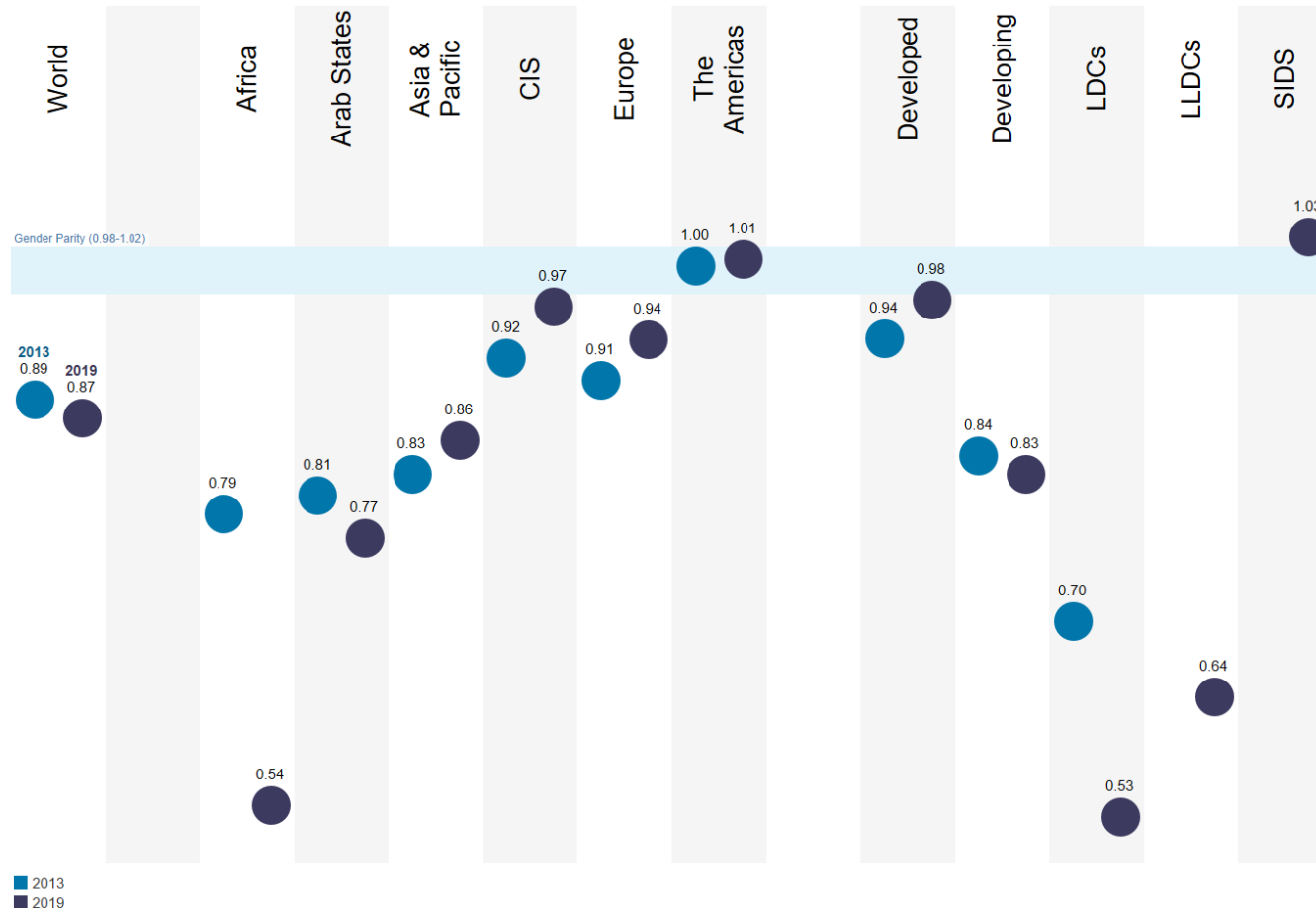


* ITU estimate. Source: ITU



Only a few regions have reached gender parity

The Internet user gender parity score (%), 2013 and 2019*



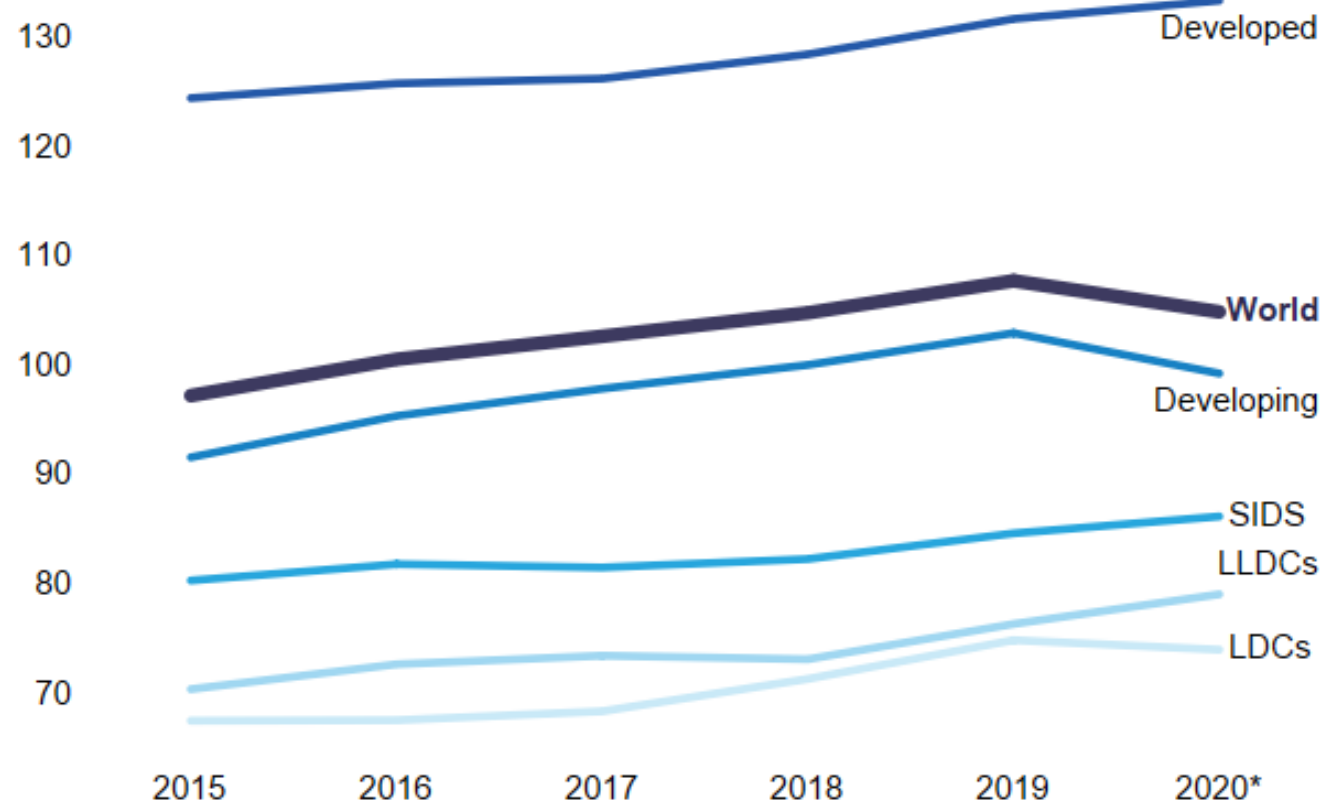
* ITU estimate. - Source: ITU

Note: The gender parity score is calculated as the proportion of women who use the Internet divided by the proportion of men. A value smaller than one indicates that men are more likely to use the Internet than women, while a value greater than one indicates the opposite. Values between 0.98 and 1.02 reflect gender parity.



Mobile-cellular subscriptions declining in 2020

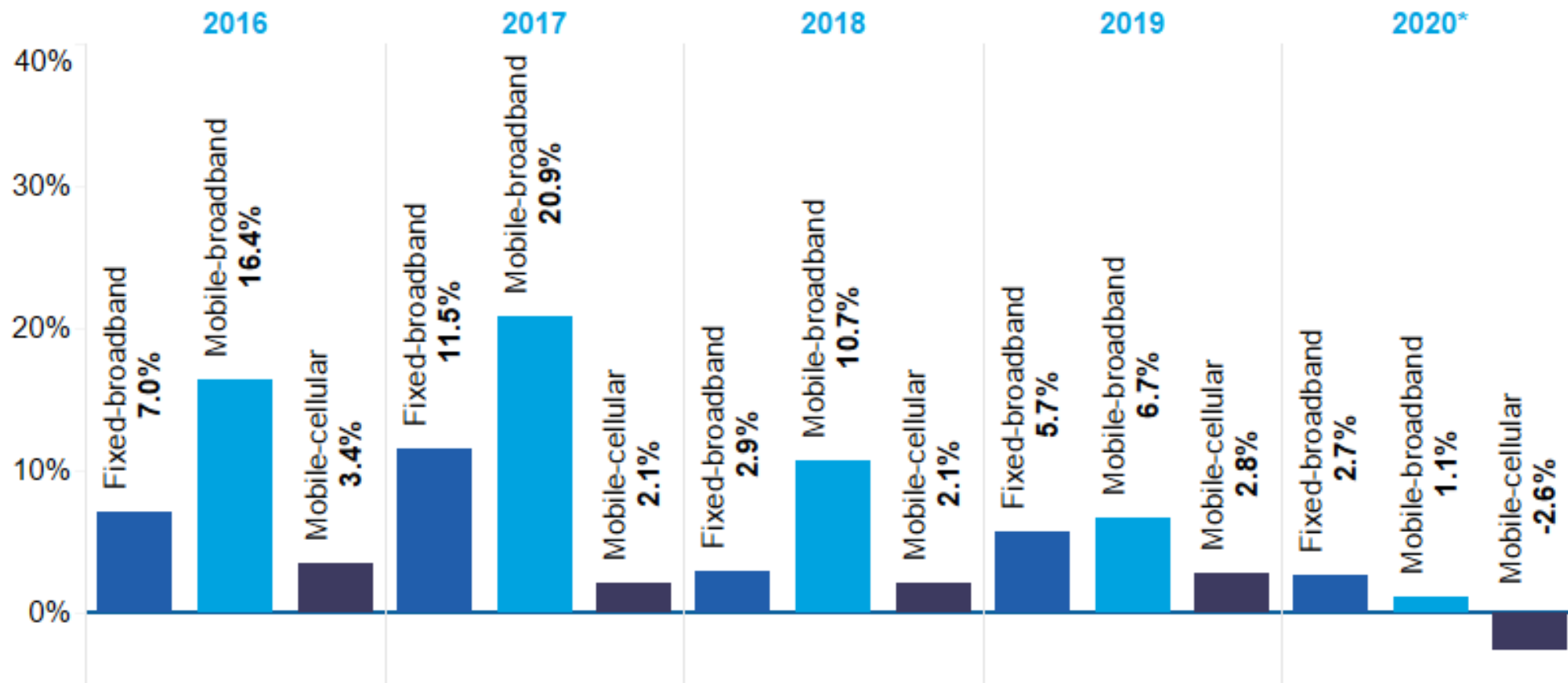
Mobile-cellular telephone subscriptions per 100 inhabitants, by development status



* ITU June 2020 estimate. Source: ITU

Growth in subscriptions flattening or going negative

Global year-on-year growth in the number of subscriptions per 100 inhabitants, %



* ITU June 2020 estimate. Source: ITU

Many more results online

- International bandwidth usage
- Mobile phone ownership
- ICT skills
- Affordability
- Anecdotal country evidence on the impact of COVID-19
- Methodological notes

Resources

- Facts and figures [home page](#)
- The best way to explore Facts and figures is through the [interactive report](#)
- Download the [Measuring digital development: Facts and figures 2020](#) (pdf format)
- See the [press release](#)
Download all [end-2020 estimates for key ICT indicators](#) (excel)
- [Media Kit](#): Multimedia resources for the press
- Questions: indicators@itu.int