STATISTICAL DATA VISUALIZATION

A tool to enhance statistical dissemination in Rwanda.

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NATIONAL INSTITUTE OF STATISTICS OF RWANDA

UNSD-FCDO Project on SDGs Monitoring

What is a data visualization
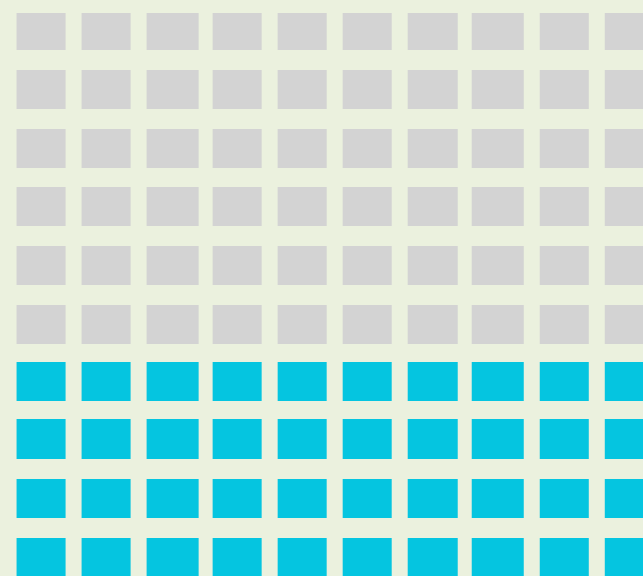
Is the graphical representation of information and data.

Visually, visually communicate data in many different ways, such as a line graph, bar chart, pie chart, scatter plot, or map.

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WHY is data visualization important?

90%
of information
that comes to the
brain is visual

40%
40% of people will
respond better to visual
information than plain
text.

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WHY is data visualization important?

It makes the data more natural for the human mind to comprehend and therefore makes it easier to identify trends, patterns, and outliers within large data sets.
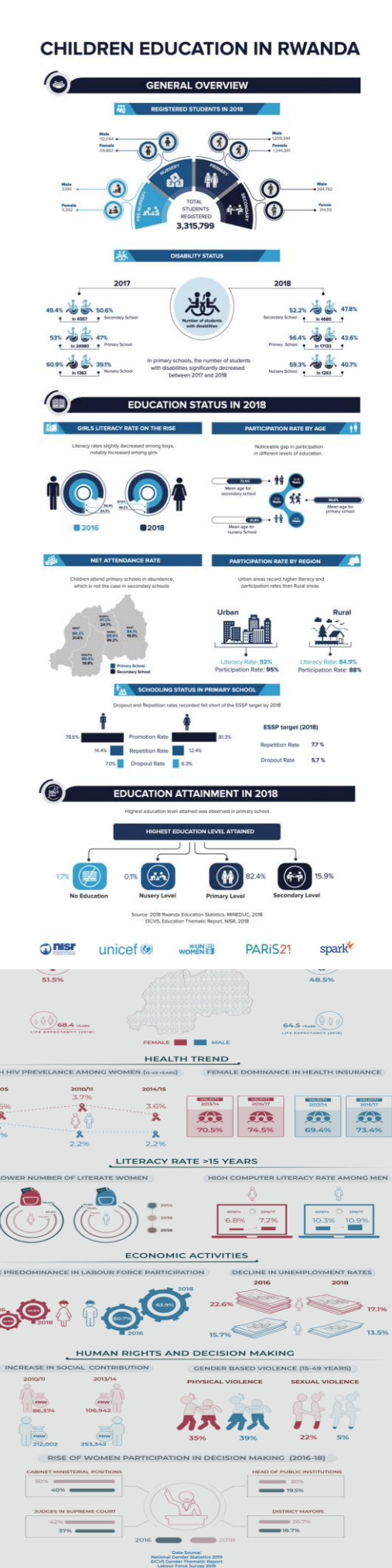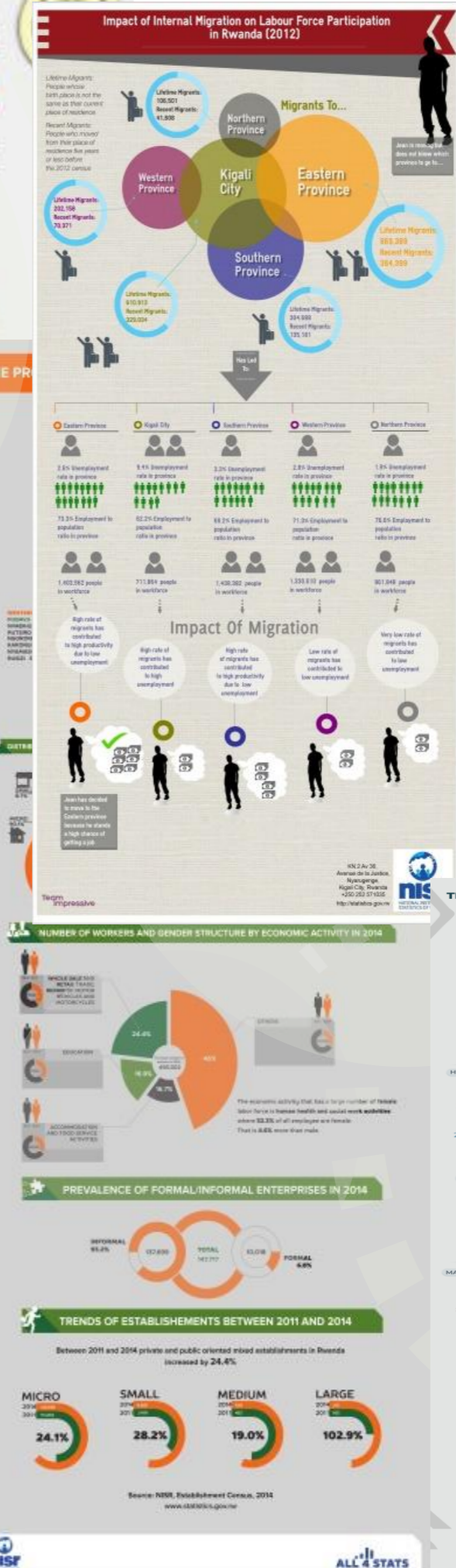
We know that good data leads to better decisions. But there's a step between analyzing high quality data and making an informed decision that is sometimes neglected

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What is the background of data visualization at NISR

Best initiatives of data visualization

- Infographic Competition

- Reading data with Children

- Data storytelling with Journalists

http://statistics.gov.rw/about-us/infographic-competition

Tools and Resources used

- We use Adobe illustrator
- We use Adobe InDesign
- We use free infographic and icons from internet

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Challenges we face during statistical data visualization

- It is very tough to choose the right data to present
- It is difficult to choose the right visual
- Lack of appropriate computers and software for data visualization.
- Lack of capacity building program related to statistical data visualization

Conclusion and way forward

- National Institute of Statistics of Rwanda will always continue to encourage data visualization activities for the best practice of statistical data and SDG dissemination.

- We are welcoming rom the partners data visualization capacity building activities.

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THANK YOU