

MOVING WITH COVID-19

How did EU communities change their mobility with COVID-19?

On 31 December 2019, the WHO was informed of cases of pneumonia of unknown cause in Wuhan City, China. Seven days later a novel coronavirus was identified as the cause by Chinese authorities and on the 30th of January 2020, the **coronavirus outbreak** was declared a **public health emergency of international concern**, WHO's highest level of alarm. On the 11th of March 2020, over 118 000 cases had been reported in 114 countries, and 4291 deaths had been recorded. This rapid increase in the number of cases outside China led the WHO to announce that the outbreak could be characterized as a **pandemic!**

What is Covid19?

« Coronavirus disease (**COVID-19**) is an infectious disease caused by a newly discovered coronavirus »

- *World Health Organization*

GLOSSARY

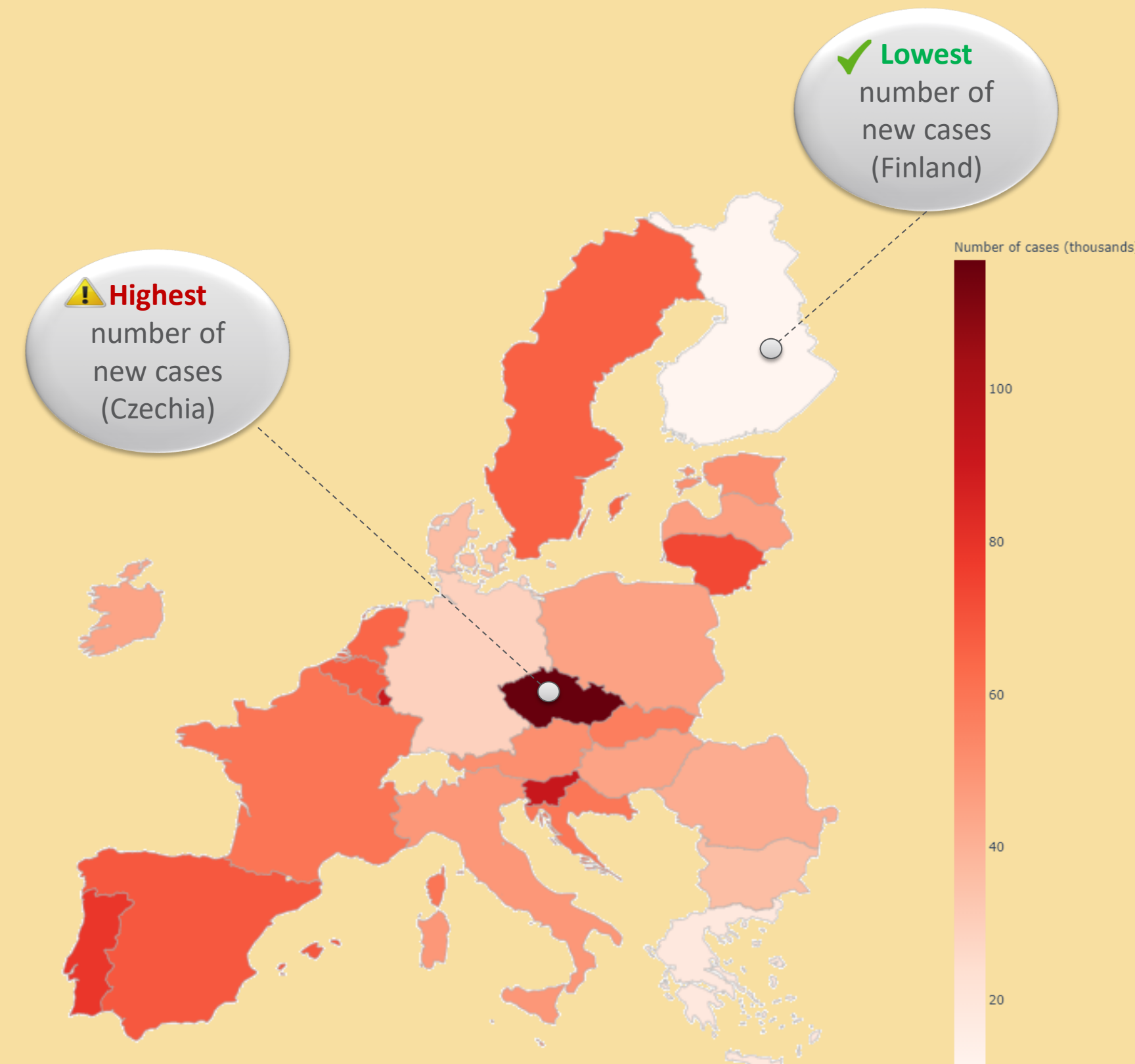
- **EU** – European Union
- **Analysis period** – All data in the present analysis refers to the period between the 25th February 2020 and the 2nd March 2021.
- **Analysis area** – This analysis is focused in European Union countries.
- **Baseline** – Represents a normal value for that day of the week. It is the median value from the 5 week period Jan 3 – Feb 6, 2020.
- **Parks** – Includes public gardens, castles, national forests, camp grounds and observation decks. Parks typically means official national parks and not the general outdoors found in rural areas.
- **Percent change from baseline** – Percent change in the number of total visitors compared to the baseline.
- **Workplaces & Transit stations** – Includes subway stations, sea ports, taxi stands, highway rest stops and car rental agencies.

01 HOW IS EU DOING?

EU Communities Mobility



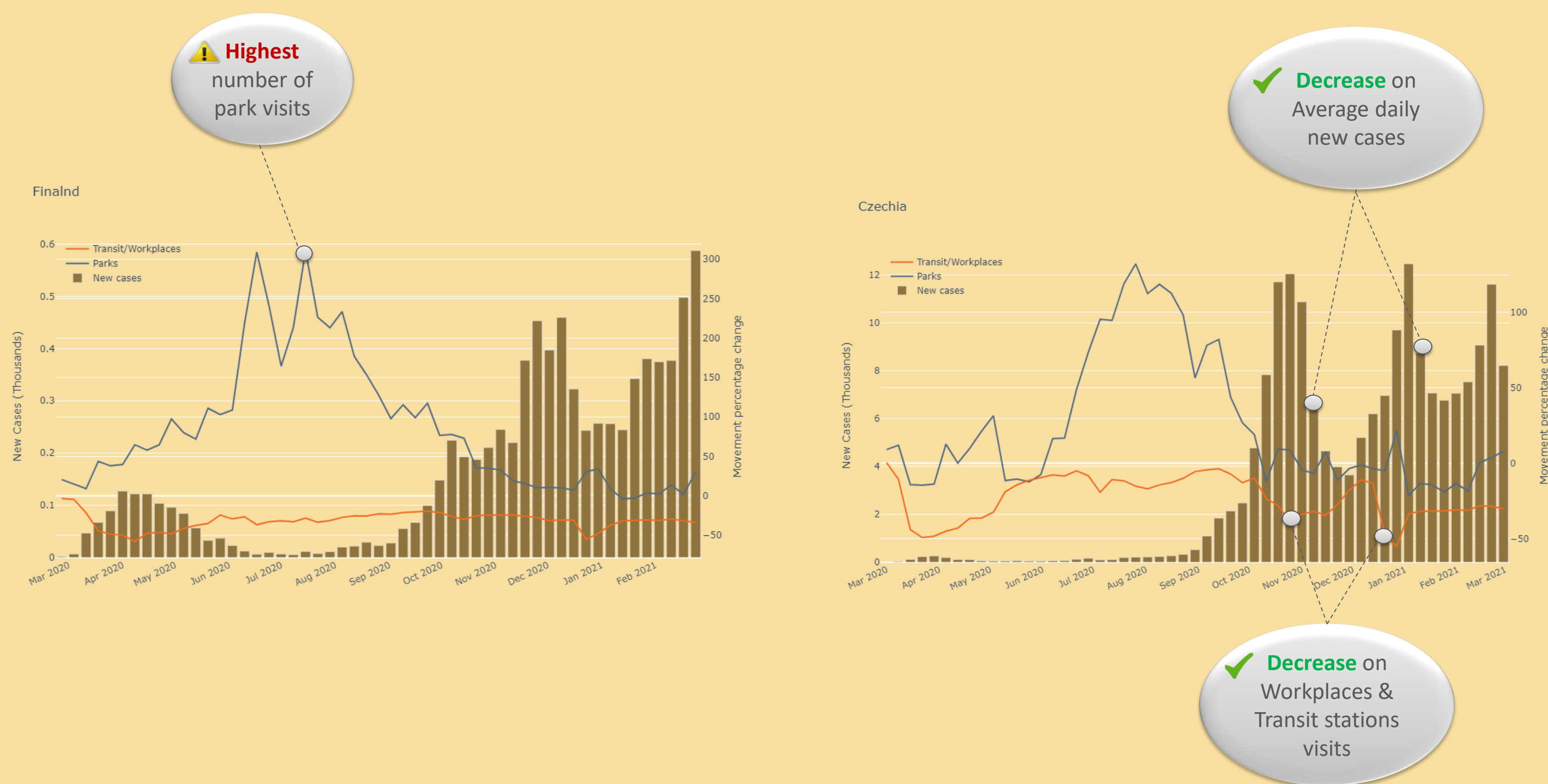
EU COVID-19 cases per million inhabitants



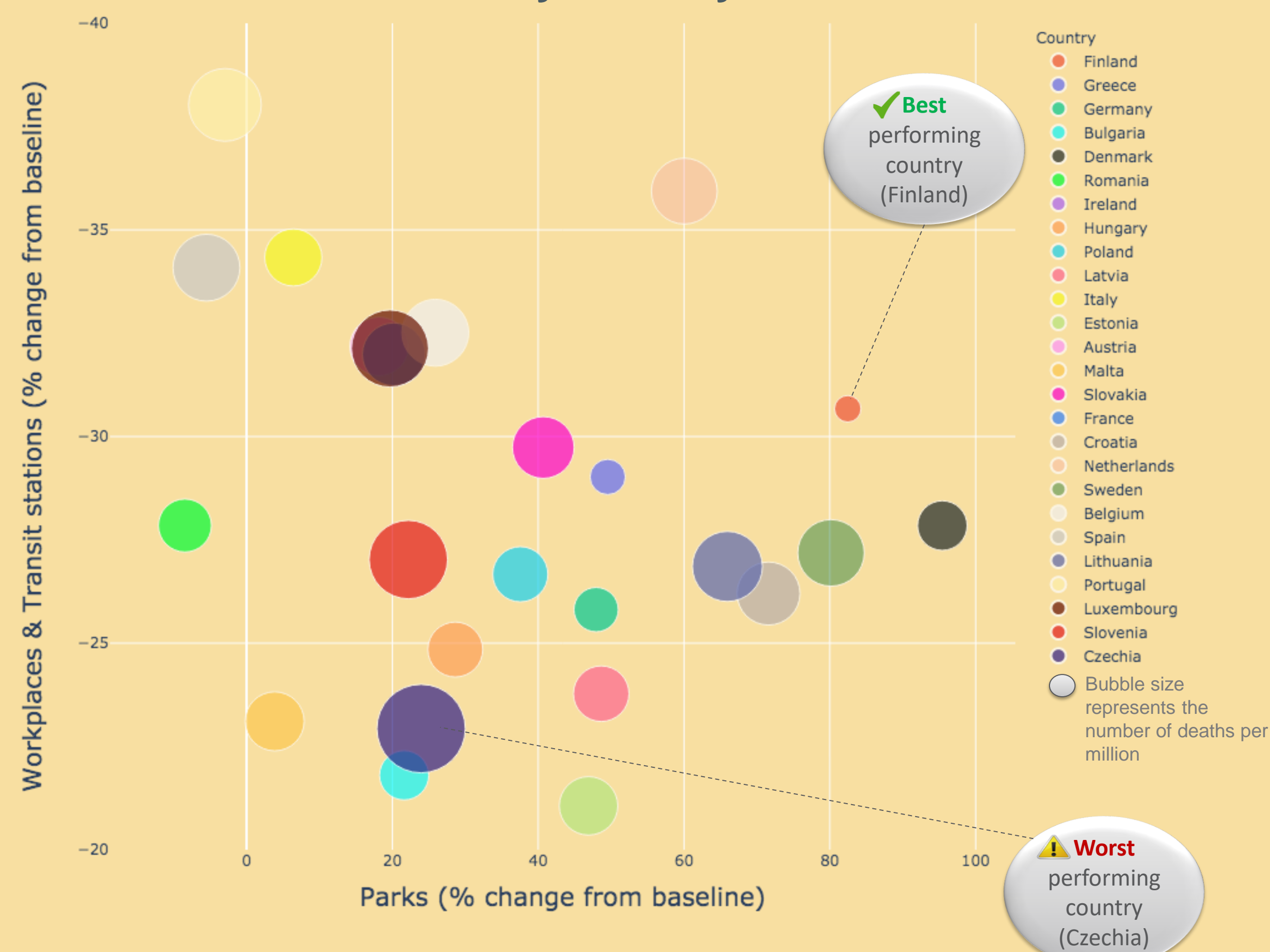
02 MOBILITY VS COVID-19

Best and worst performing EU countries

Average daily new cases per week & Mobility indicators



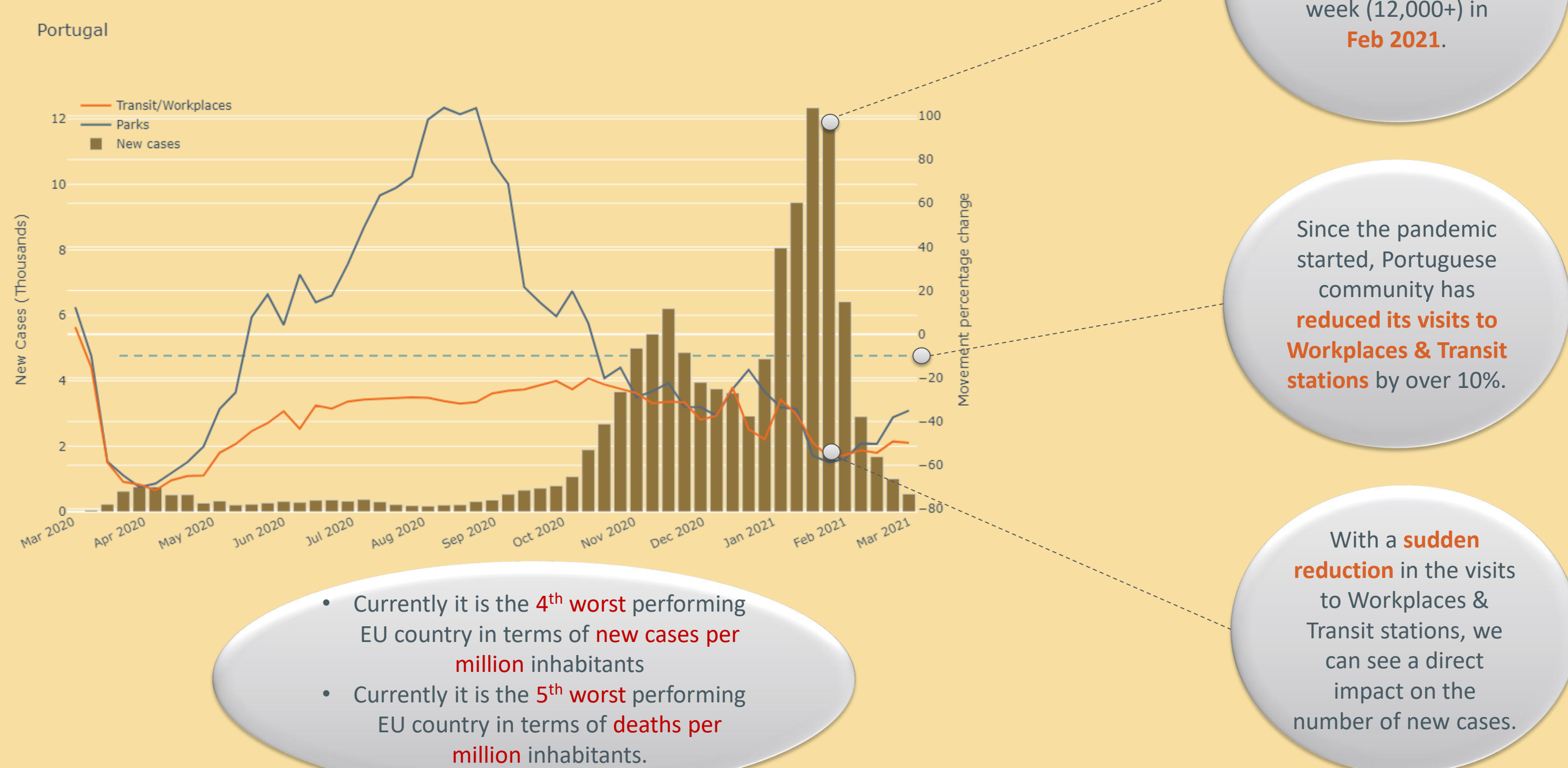
EU countries by Mobility indicators



03 HOW ARE WE DOING?

The case of Portugal

Average daily new cases per week & Mobility indicators



04 CONCLUSIONS

Finland (EU's best performing country) reduced its community movements in a more consistent way when compared to Czechia (EU's worst performing country).

Consistency seems to be a key for success!

The fact that **cases start growing** when **visits to parks reduce** might be related to behaviour population during May 2020 into September 2020, which visits were bigger.

- Most of the **best performing** countries fighting the pandemic crisis had their communities **visiting the Parks more often**.
- Countries with **bigger changes in mobility** profile, presented **better COVID-19** scenarios
- Overall, all **EU communities** decreased their visits to **Workplaces & Transit stations** since COVID-19 started.

The **reduction of the number of visits to Workplaces & Transit stations** and the **increase of Parks visits** seems to be a good formula to fight the pandemic!

Dataset source:

<https://ourworldindata.org/coronavirus-source-data>

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