

PART 4. INPUT ON DATA COLLECTION AFTER COVID-19

November 24th 2020

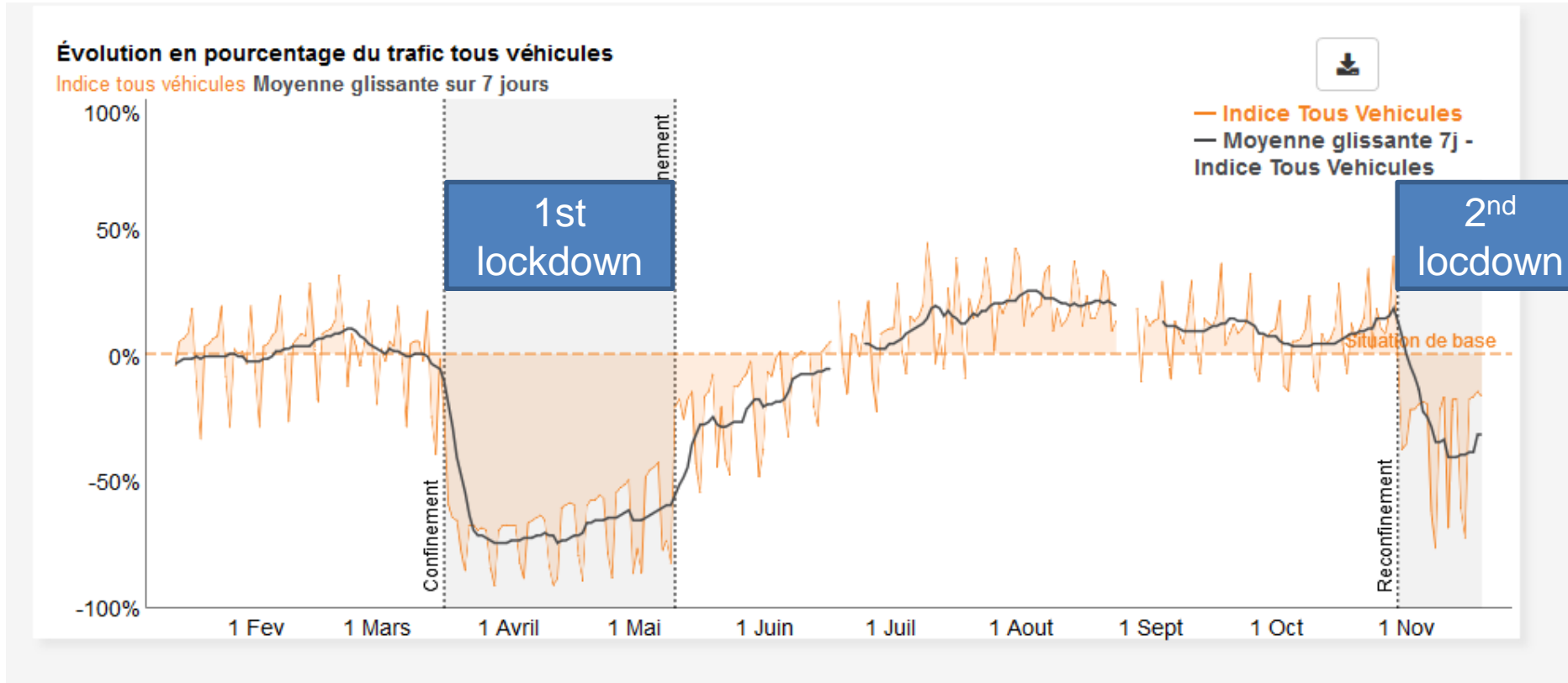
Deep-Dive: SUMP first phase – Data
collection for urban mobility diagnosis



INTRODUCTION

- **With a mondial pandemy like Covid-19, there's no time to design a survey to gather perfect data, you need to focus on almost real-time data**
 - **Counters**
 - **Ticketing**
 - **Big Data**

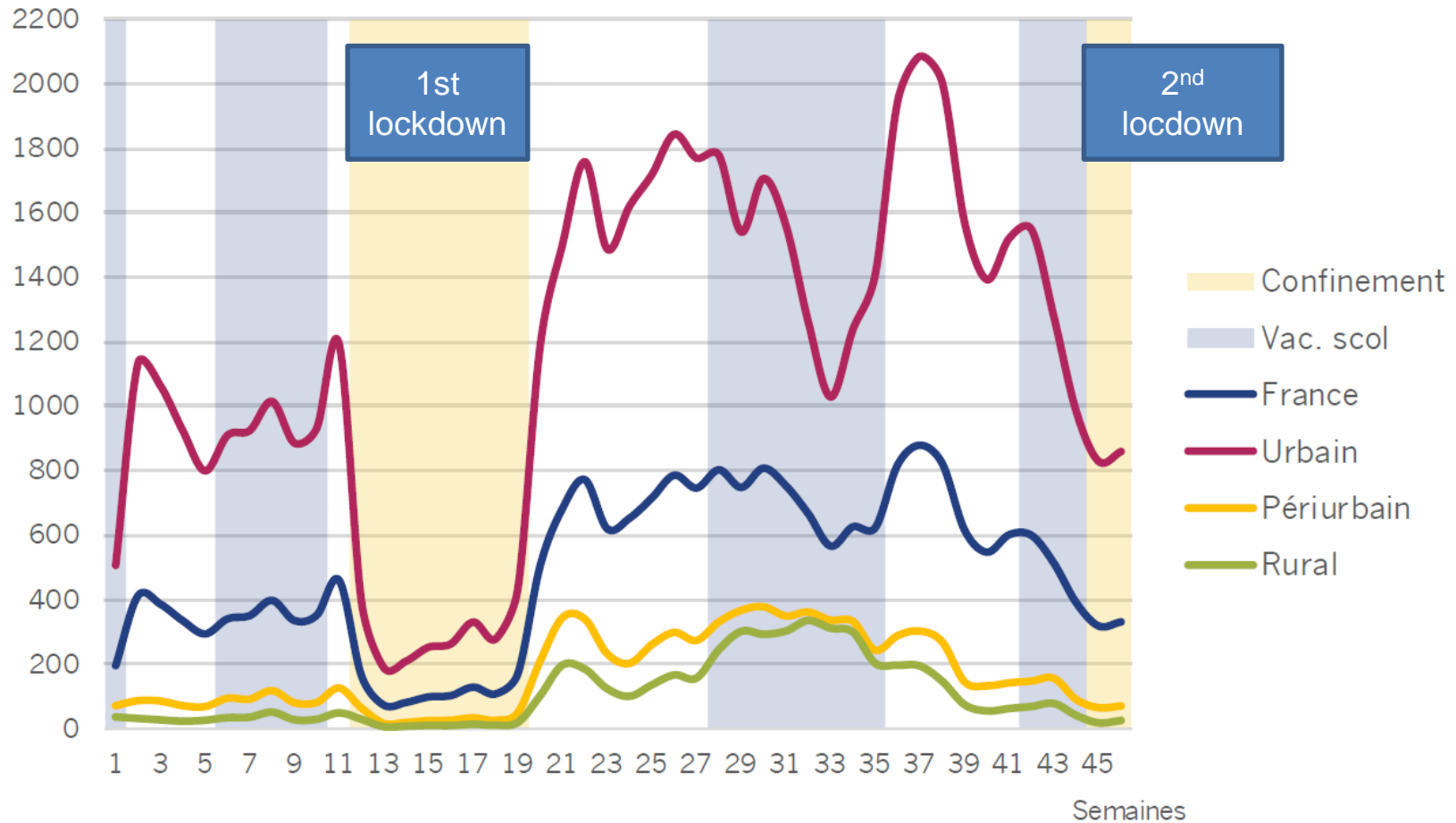
THE ROAD TRAFFIC COUNTERS IN FRANCE



Source (in french) : <https://dataviz.cerema.fr/trafic-routier/>

THE BIKE TRAFFIC COUNTERS IN FRANCE

Fréquentation moyenne journalière en 2020



Source (in french) :

<https://www.velo-territoires.org/observatoires/plateforme-nationale-de-frequentation/frequentation-velo-deconfinement/>

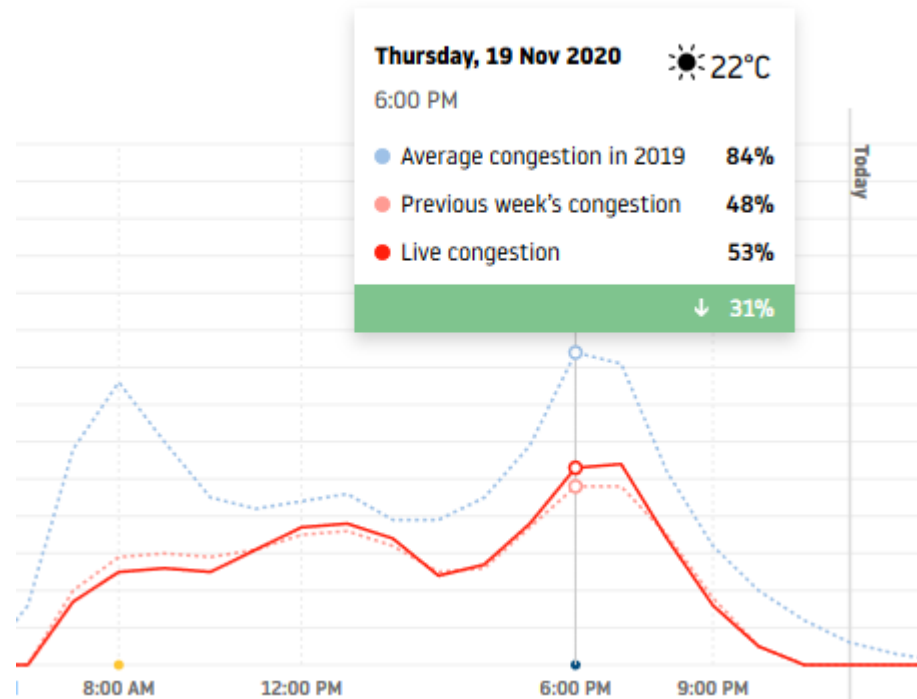
BIG DATA

- **The following examples are not validated by Cerema**
- **The quality and objectivity of the data isn't certified by us**
- **It's just a few cases of what it is possible to find...**
- **More accurate data may be available in your country/city**

BIG DATA : FLOATING CAR DATA BY TOMTOM

- Example for Santiago, Chile

https://www.tomtom.com/en_gb/traffic-index/santiago-traffic/



BIG DATA : GOOGLE

- Google gives data about activities/locations all over the world

Mozambique ^ Régions

Maputo

Province d'Inhambane

Province de Cabo Delgado

Province de Gaza

Province de Manica

Detail by region sometimes available

Transit stations

-28%

compared to baseline

Workplaces

-10%

compared to baseline

Residential

+5%

compared to baseline



Mobility trends for places like public transport hubs such as subway, bus, and train stations.



Mobility trends for places of work.



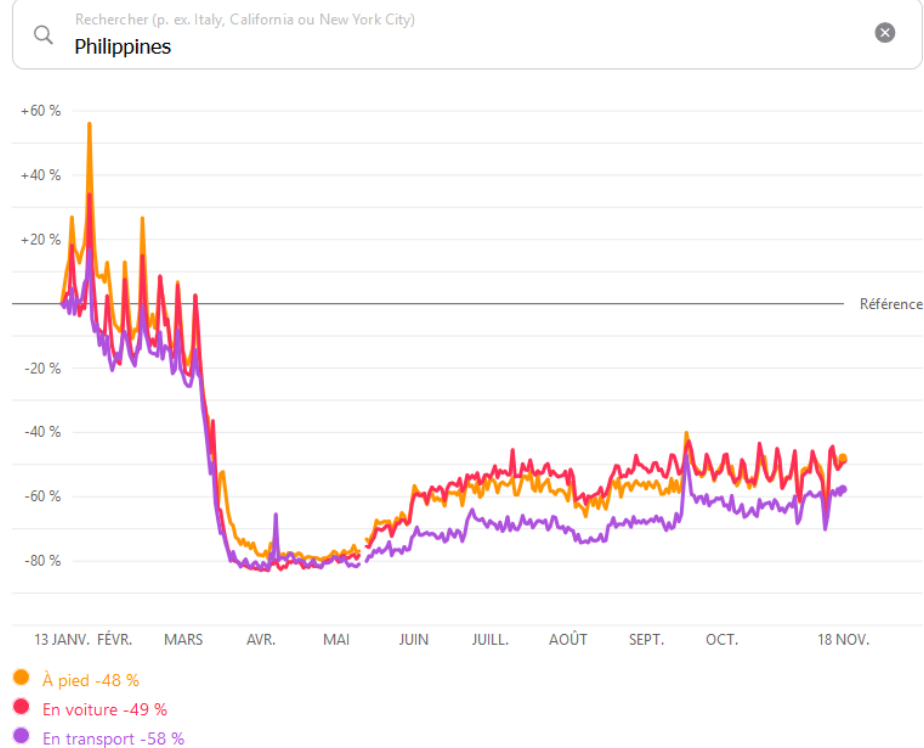
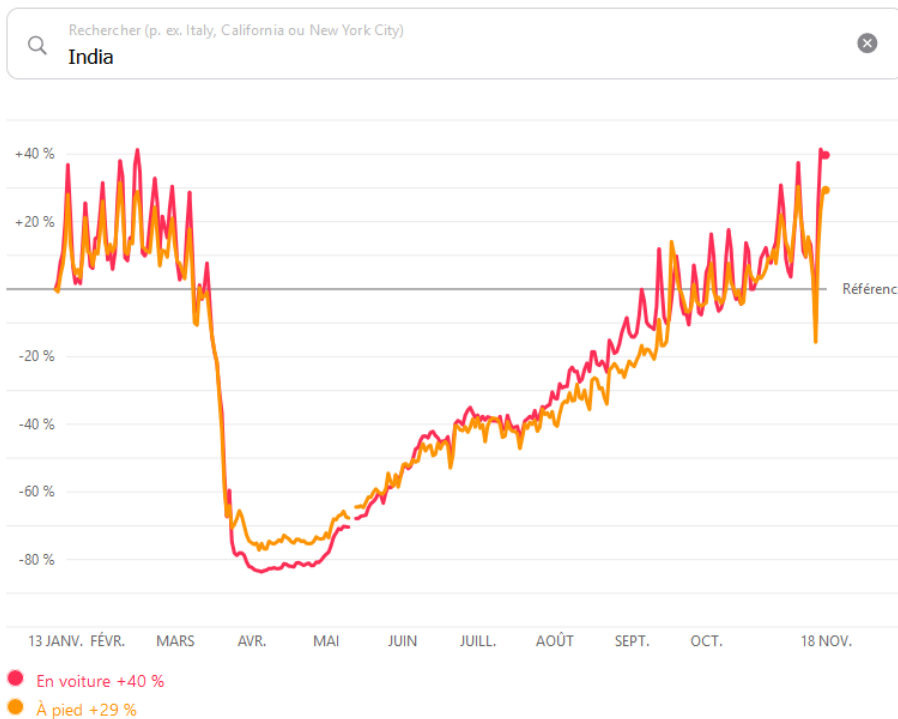
Mobility trends for places of residence.

Example for Indonesia

<https://www.google.com/covid19/mobility/>

BIG DATA : APPLE

- Apple provides mobility trends all over the world according to the itineraries calculated on Apple Plans app



<https://covid19.apple.com/mobility>

THANKS

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Data after covid-19