

TRANSPORT DATA AND COVID-19 CRISIS

NATIONAL ROAD SAFETY OBSERVATORY
DIRECTORATE GENERAL FOR TRAFFIC, SPAIN

Date

03/06/2020



MINISTERIO
DEL INTERIOR



*Dirección General
de Tráfico*

*Observatorio Nacional
de Seguridad Vial*

- 0.- DATA COLLECTION DURING COVID CRISIS
- 1-. MAIN RESULTS ON COVID-19
- 2.- CONCLUSIONS
- 3.- WHAT ROLE COULD ITF PLAY

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15/03

State of
alarm

04/05

Phase 0
un-
lockdown

Today

Asymmetry
between
provinces



- ACCIDENT DATA



- LONG DISTANCE MOBILITY



- VEHICLE AND DRIVER PROCEDURES ONLY
ONLINE (full activity starts on phase 2)

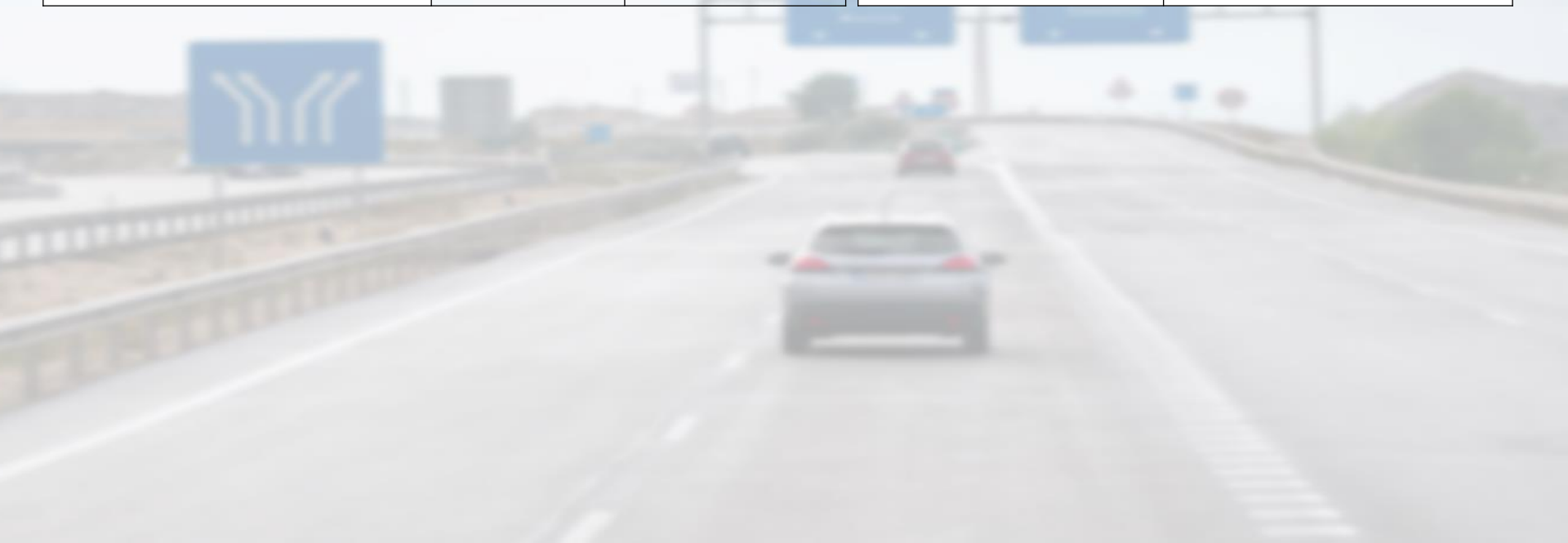


- POLICE CONTROL ON TRANSPORT

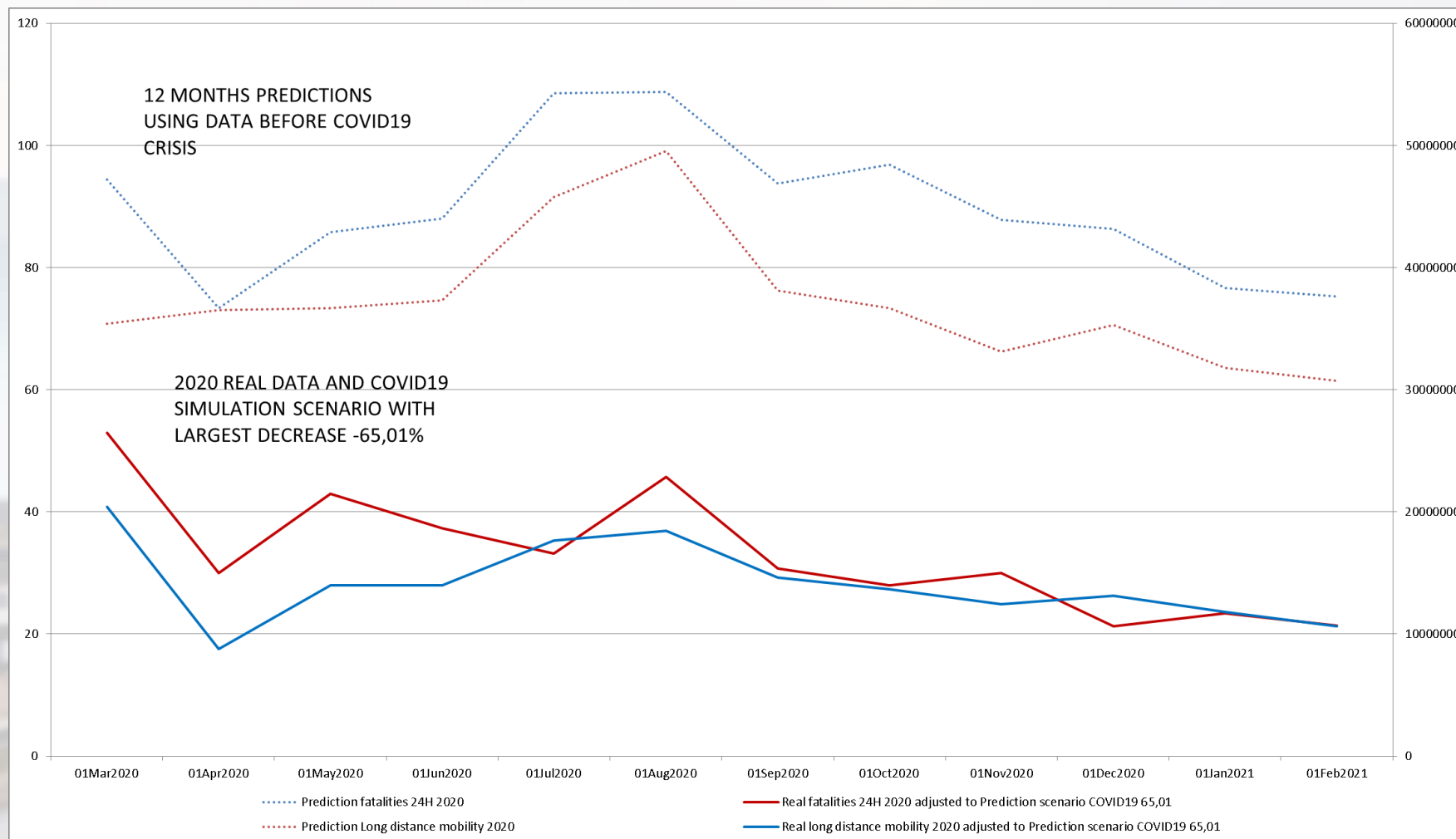
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	Accidents with fatalities 24h			Fatalities 24h		
	2019	2020	Var.%	2019	2020	Var. %
January	68	73	7%	73	82	12%
February	73	74	1%	82	83	1%
March (until 14th)	28	33	18%	31	37	19%
1 jan-14 mar	169	180	7%	186	202	9%
March (since 15)	63	14	-78%	68	16	-76%
April	69	26	-62%	74	30	-59%
May	77	43	-44%	86	43	-50%
June	12	3	-75%	15	3	-80%
State of alarm	221	86	-61%	243	92	-62%
TOTAL (1 jan-2 june)	390	266	-32%	429	294	-31%

LONG DISTANCE MOBILITY (MONTHLY DATA)	2019	2020	Δ% 2019/2018	Δ% 2020/2019
JANUARY	30.016.067	30.702.414	2,79%	2,29%
FEBRUARY	28.279.088	30.889.482	1,81%	9,23%
MARCH	33.655.767	20.416.792	2,89%	-39,34%
APRIL	35.471.625	8.794.791	6,36%	-75,21%
MAY	35.272.292	13.979.380	2,78%	-60,37%



MAIN RESULTS ON COVID CRISIS



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- In Spain, traffic and fatalities have been similarly reduced.
- The COVI-19 crisis has highlighted the importance of data-based policies.
- Data on traffic and road crashes will be crucial as lockdowns get relaxed.
- New opportunities for modelling in road safety.

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- Define methodologies for estimating traffic, based on different sources.
- Analyze which sources of traffic data better forecast the impact of reduced traffic on fatalities and other indicators.
- Collect best practices on forecasting.
- Produce comparative reports about the evolution in OECD countries, analysing underlining causes in differences.