

TRAFFIC DATA FOR COVID-19 ANALYSIS



Phil Allen

VP Sales APAC

2020-05



600 million

Connected devices

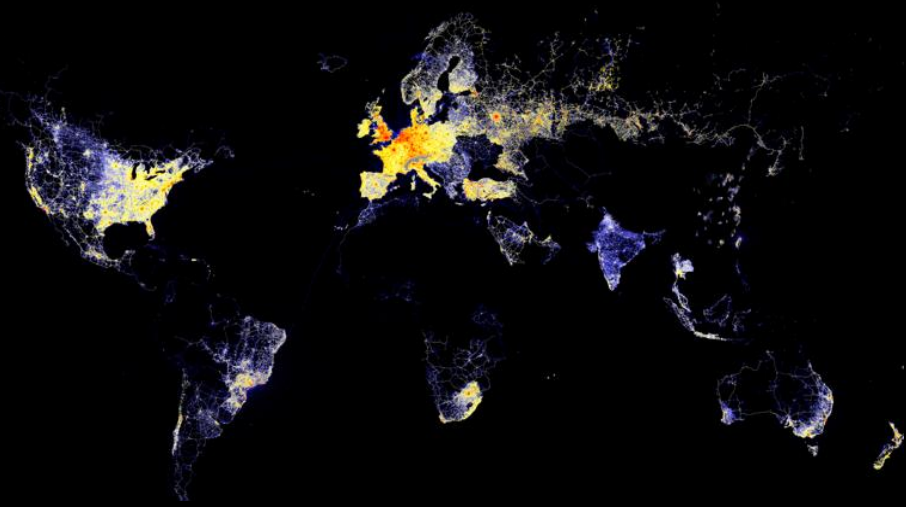
3.5 billion

Kilometers of GPS
measurements per day

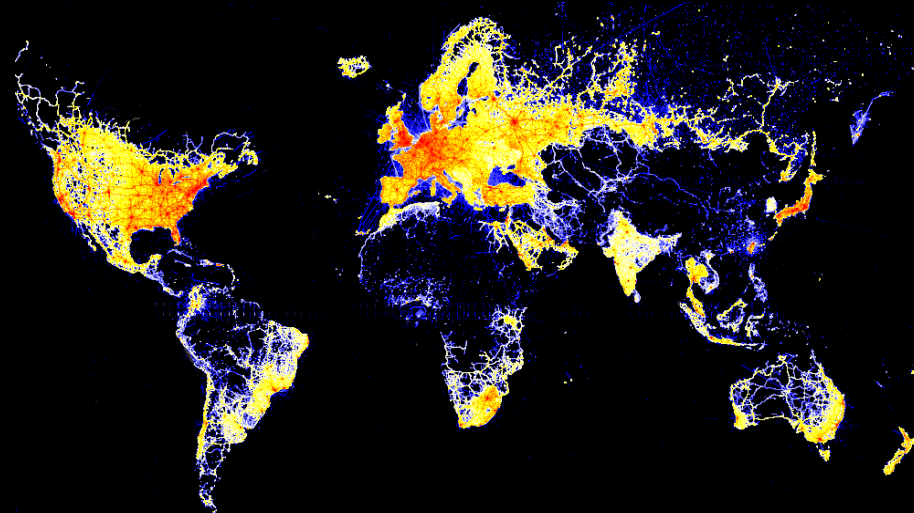
80+

Countries with live traffic
information

2017 Probe Coverage



2019 Probe Coverage

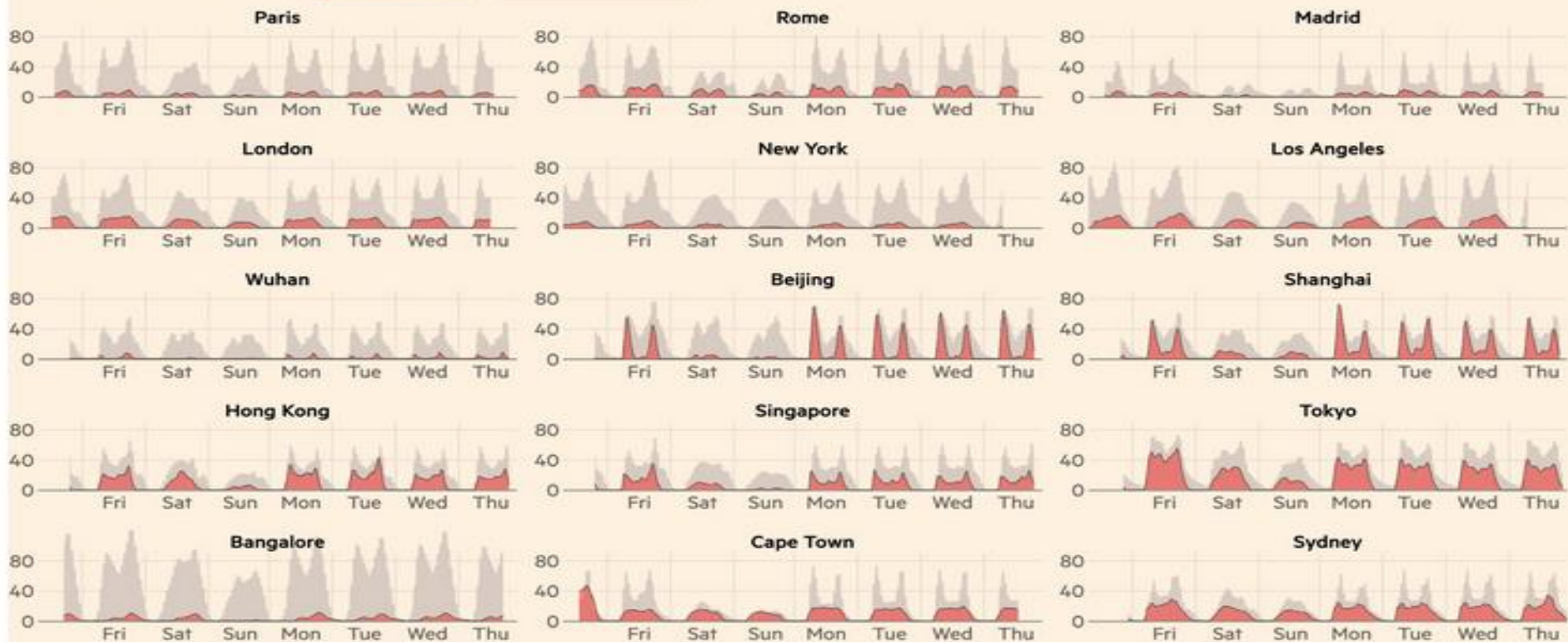


Heat map 1 month of GPS probe data

Comparing the Covid-19 affect with Historical Averages

Roads are emptying across the world as lockdowns go into effect

TomTom traffic congestion index, **last seven days** vs **historical average (%)**

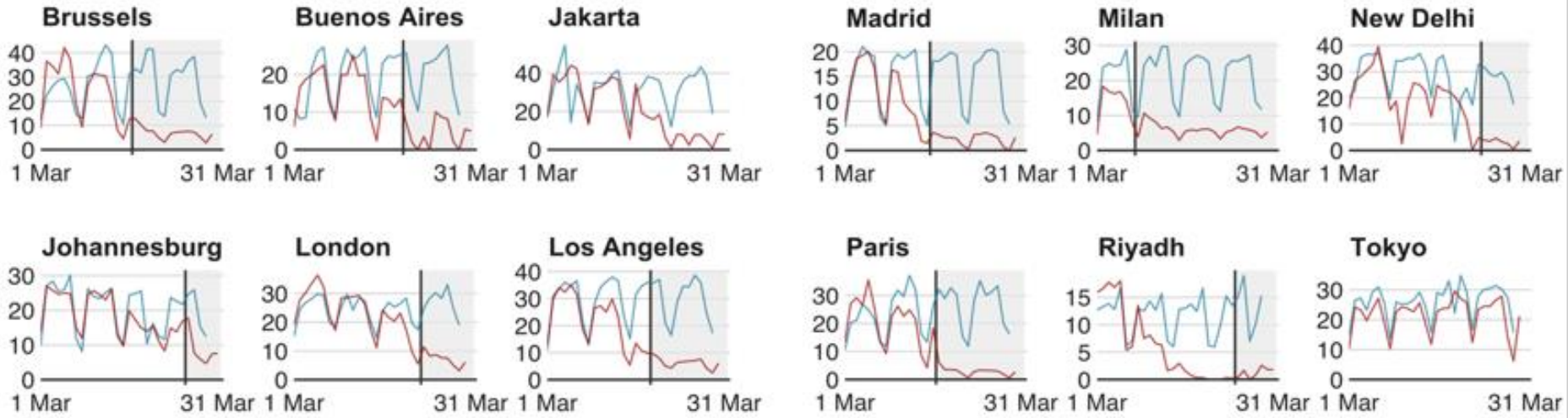


Source: TomTom. Data updated April 02, 14:54 BST
FT graphic: John Burn-Murdoch / @burnmurdoch
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<https://carto.com/blog/location-analytics-a-roadmap-to-post-covid19/>

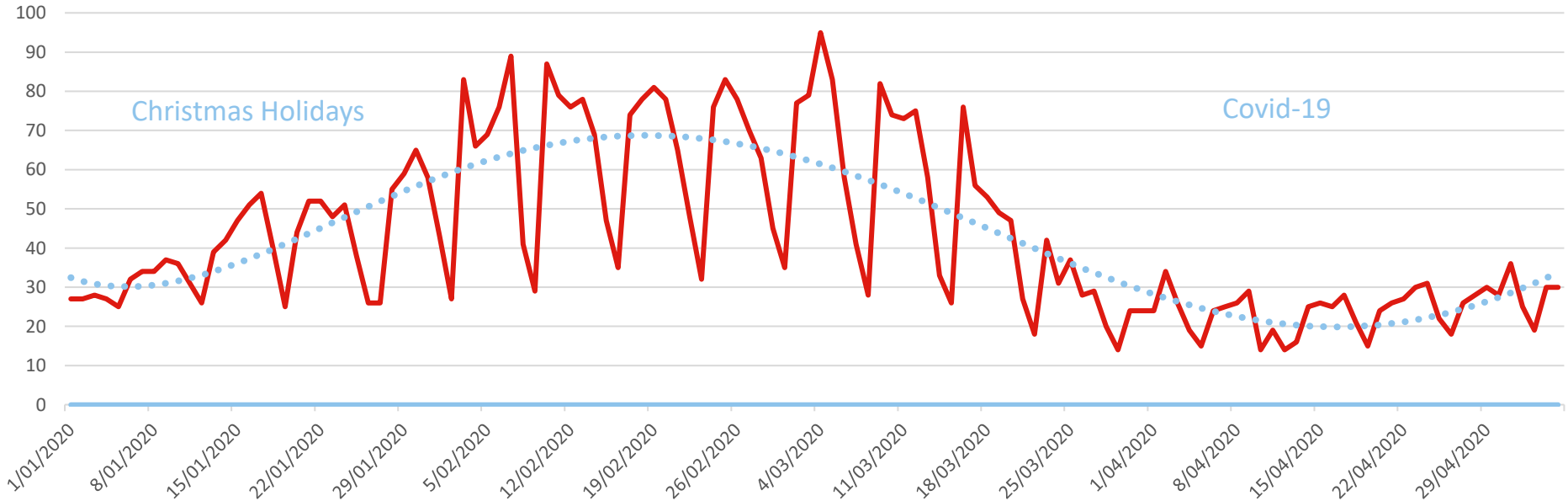
How Lockdown / Stay at Home affected Traffic Congestion

— 2019 — 2020 — Lockdown



2020 Congestion Levels in SYDNEY

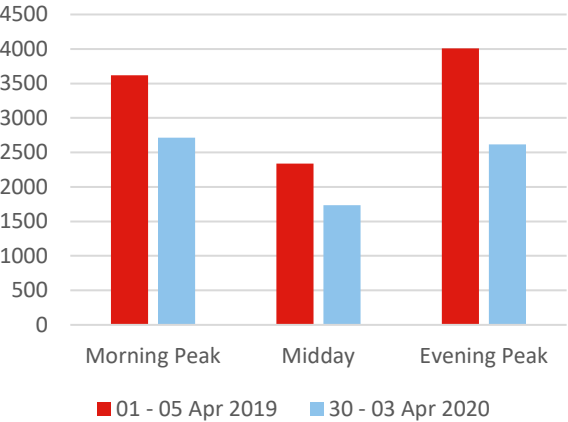
TomTom Traffic Congestion Index - SYDNEY



All data extracted from TomTom Traffic Congestion Index database

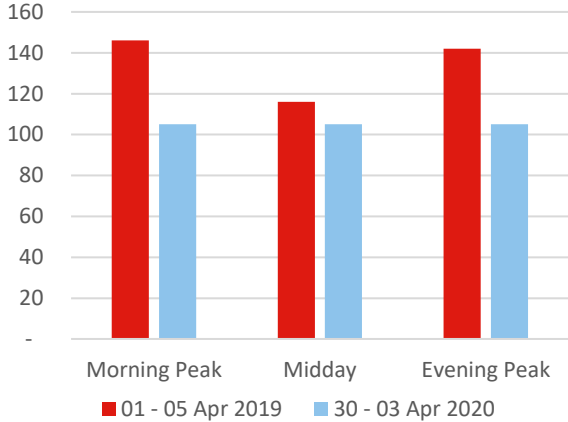
Improvements to Traffic Flow

Traffic Density - SYDNEY



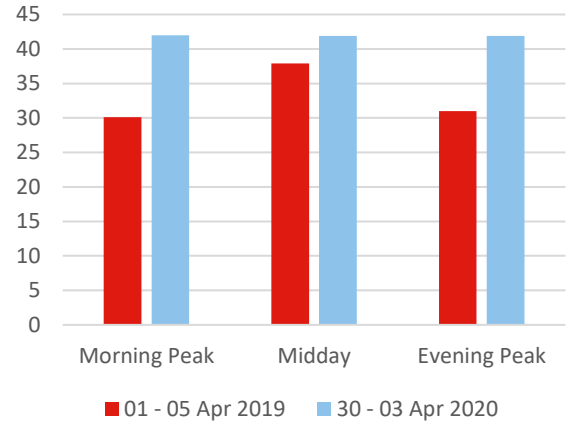
29% drop in Peak Time traffic volumes

Travel Times - SYDNEY



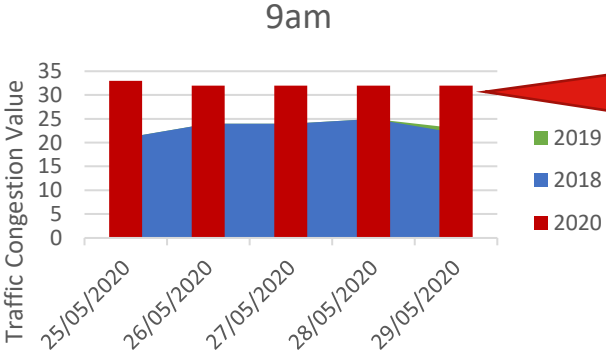
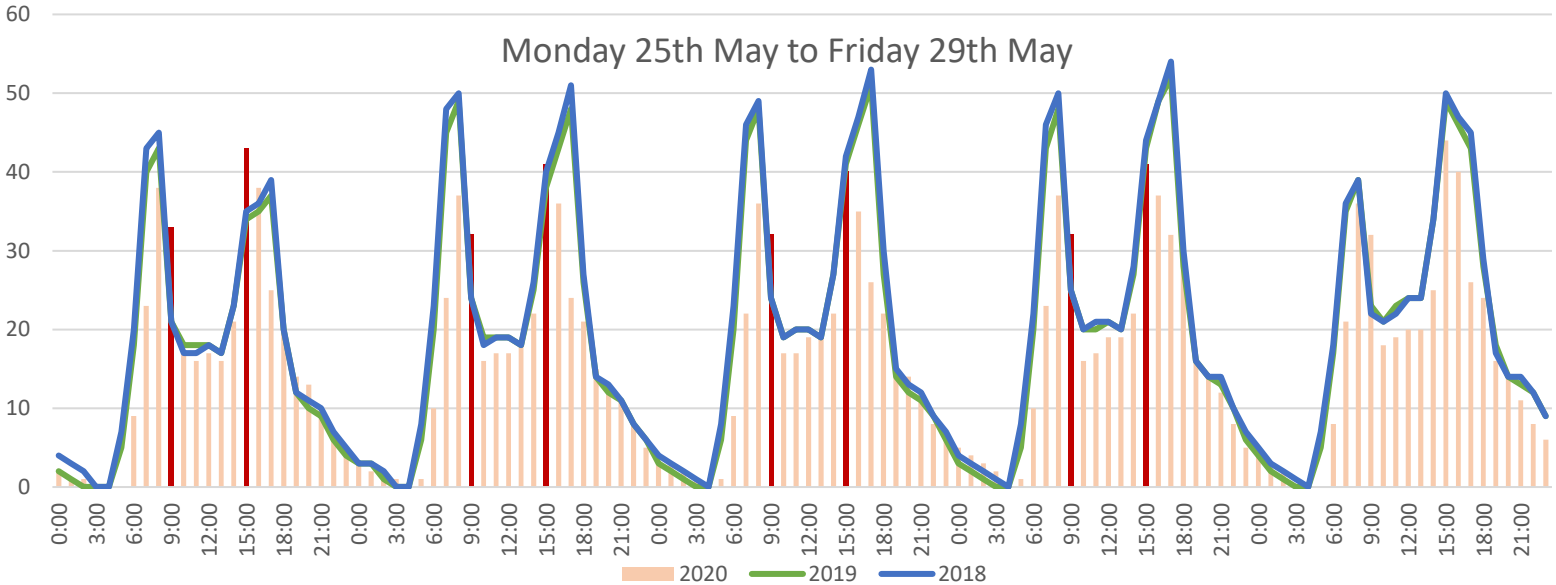
27% improvement in Peak Time travel times

Average Speed - SYDNEY

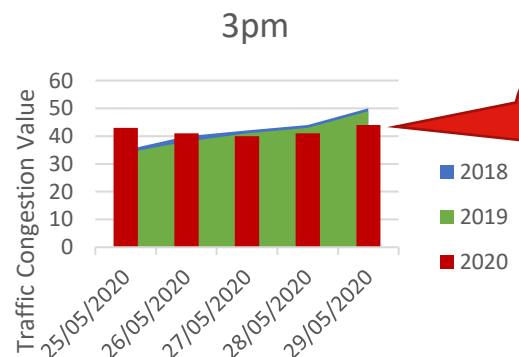


37% improvement in Peak Time speeds

School Bus Travel Times - Brisbane



38%
increase
across the
whole week
in May 2020



26% increase
on Monday but
rest of the
week similar to
previous years

The TomTom logo is centered within a grey circular frame that has four arrowheads pointing outwards. The logo itself consists of the word "TomTom" in a white, sans-serif font, followed by a red circular icon containing a white hand symbol.

TomTom

empowering
Clients

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VP Sales APAC

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