

PERTH'S TRAFFIC NIGHTMARE

The true cost of road congestion in Western Australia

MOST CONGESTED COUNTRIES

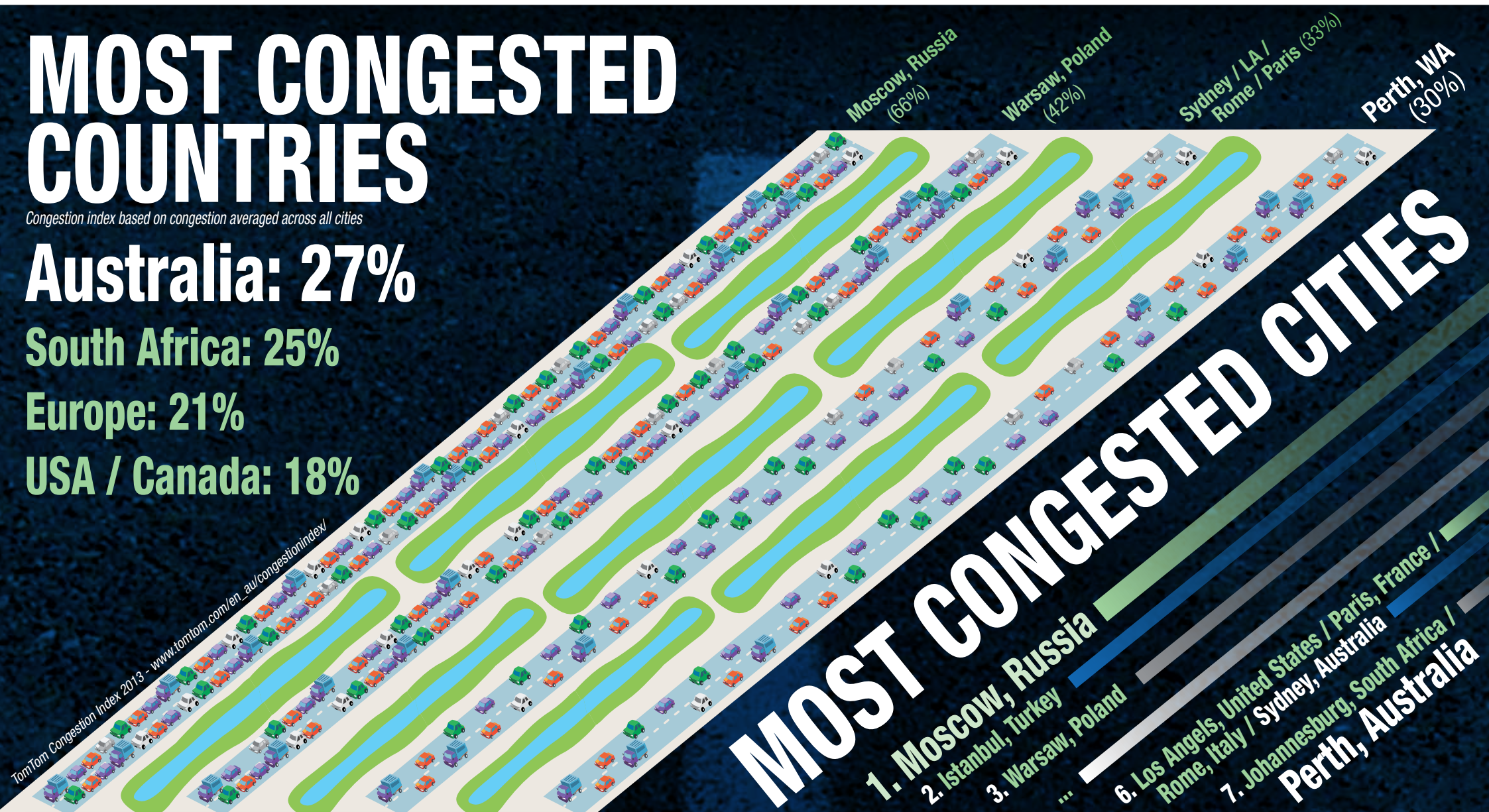
Congestion index based on congestion averaged across all cities

Australia: 27%

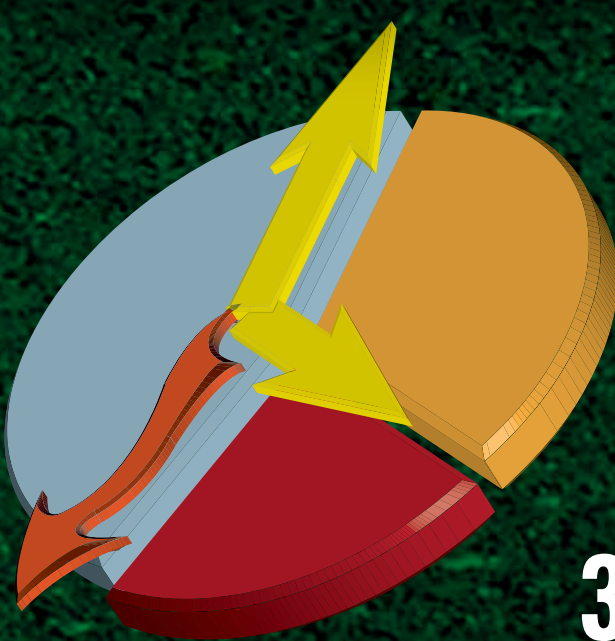
South Africa: 25%

Europe: 21%

USA / Canada: 18%



WAIT A MINUTE...!



An average 20 minute drive in no traffic is extended to 31 minutes in peak traffic

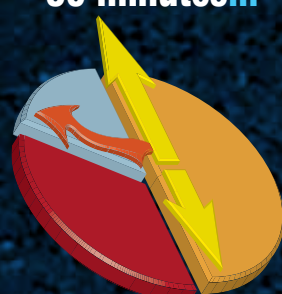
DO THE CALCULATIONS...

Extra 11 minutes x twice per day = 22 mins
22 mins x 5 times per week = 110 mins per week
110 mins x avg 45 working weeks per year = 83 hours per year

THAT'S 11 WORKING DAYS PER YEAR STUCK IN TRAFFIC



If the No-Traffic travel time is extended to 30 minutes...



... you can expect to be stuck in peak traffic for an extra 20 minutes!

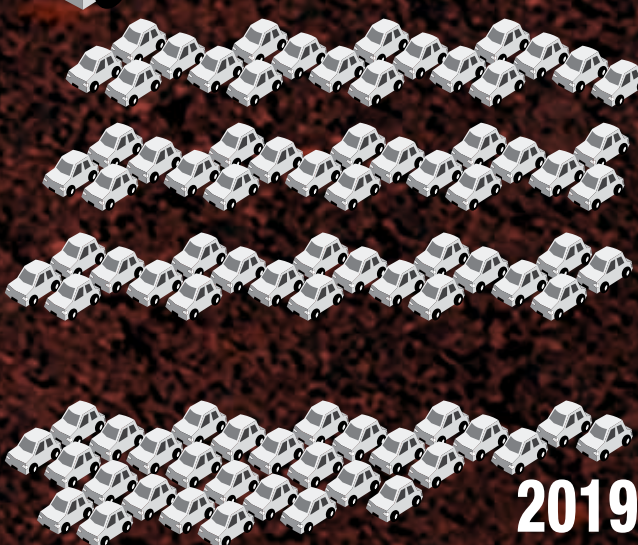
EQUATES TO 16.3 WORKING DAYS



CAR EXPLOSION



= 100,000 vehicles on Perth roads



2010: 1.82 million
+ 43,000 vehicles in the year

2011: 1.86 million
+ 144,000 vehicles in the year

2012: 2.0 million

An estimated **2019: 3.0 million** vehicles on PERTH roads

RAC, Horizons Magazine, Feb/March 2012; RAC, Travel Time Report, March 2013

SPEED IMPLOSION

Average speeds on major PERTH highways at peak times



Normal speed limit



Speed at peak period



Mitchell Fwy
at Hepburn Avenue
(AM peak period)

14 km/h



Kwinana Fwy
at Mount Henry Bridge
(AM peak period)

18 km/h



Tonkin Hwy
at South Street
(AM peak period)

14 km/h



Stirling Hwy
at Bayview Terrace
(PM peak period)

10 km/h

RAC, Travel Time Report, March 2013 - rac.com.au/~media/Advocacy/20130218%20RAC_TravelTime_iPDF_DRAFT.aspx

THE SOCIAL & BUSINESS COST



1/3rd of businesses report that running costs have increased by

\$5,000

compared to the previous year **DUE TO CONGESTION.**

NRMA Business Wise Congestion Survey, May 2013 - www.mynrma.com.au/about/media/congestion-making-us-sick-nrma-businesswise-survey.htm



59% Increase in fuel costs



39% Increase in capital expenditure & running costs



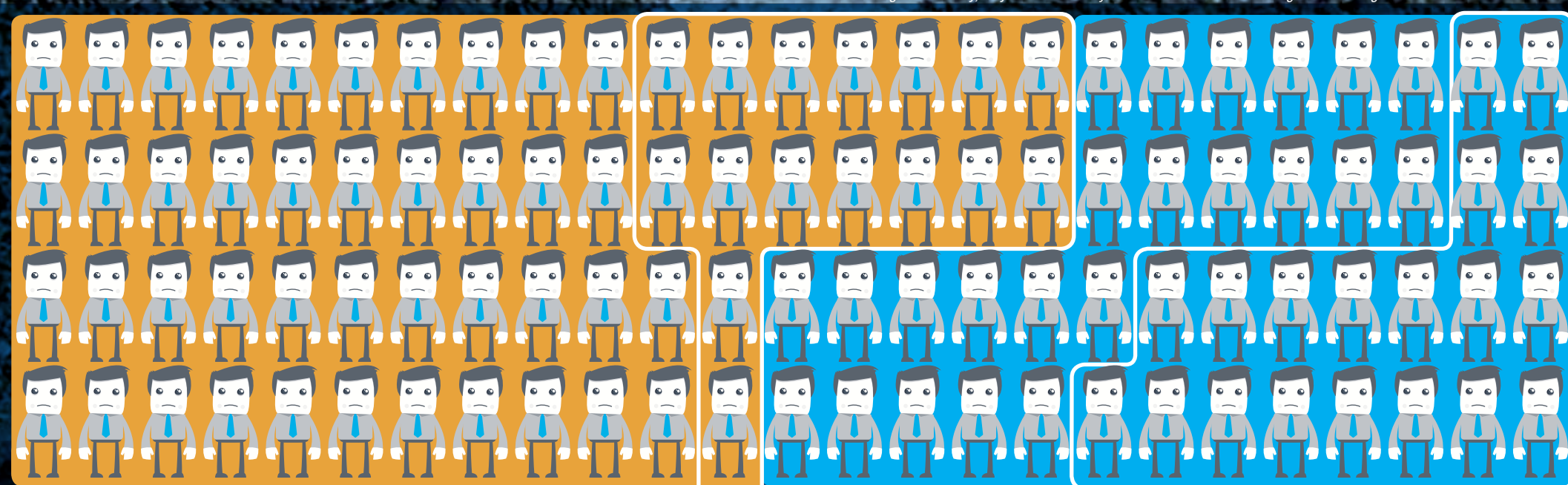
32% Increase in staff late to work



33% decrease in overall productivity

YOU WILL SPEND AN EXTRA 40 MINUTES IN HEAVY TRAFFIC TODAY.

NRMA Business Wise Congestion Survey, May 2013 - www.mynrma.com.au/about/media/congestion-making-us-sick-nrma-businesswise-survey.htm



60% OF BUSINESSES report that congestion added **MORE THAN 10 HOURS PER WEEK** to their time on the road.

16% said it added **50 HOURS**

25% said they **HAD LOST WORK**

40% OF BUSINESSES were forced to **TURN DOWN NEW WORK/CLIENTS** as a direct result of traffic congestion.

RAC/CCI Congestion Survey, 2012 - rac.com.au/Motoring/Roadside-Assistance/For-your-business/~media/Businesswise/Businesswise_congestion_survey2012_V2.aspx

THE COST OF CONGESTION TO THE FEDERAL ECONOMY

2005
\$9.4 BILLION

est.

2020
\$20.4 BILLION

State of Australian Cities Report, 2010 - www.infrastructure.gov.au/infrastructure/mcu/soac/previous.aspx#2010