

INDICATOR METADATA: AVERAGE AGE OF MOTOR VEHICLES

Indicator name	Average age of motor vehicles in New Zealand
Domain and topic	Air quality domain Transport domain
Rationale	Motor vehicles produce air pollution, including particulate matter, carbon monoxide, nitrogen dioxide and sulphur dioxide. In 2006, an estimated 22% of premature deaths caused by human-made air pollution in New Zealand were due to motor vehicles (Kuschel et al, 2012). Older vehicles tend to produce more emissions.
Data source	Ministry of Transport Annual Vehicle Fleet statistics.
Indicator definition	Average age of the motor vehicle fleet in New Zealand, by vehicle type. Vehicle types include: <ul style="list-style-type: none"> • light passenger (passenger cars and vans) • light commercial (if under 3500 kg) (includes goods vans, trucks, utility vehicles, buses, motor caravans) • trucks (if over 3500 kg) (includes trucks and motor caravans) • buses (if over 3500 kg) • motorcycles (includes motorcycles and mopeds).
Time period	The statistics are presented for 2000 onwards. The 2014 statistics published by the Ministry of Transport reworked all the time trend comparisons to take into account of the different exclusions (based on expiry of vehicle licenses). This approach means that the comparisons presented with the 2014 data are valid; however, the factsheet based on 2014 data should not be compared with earlier published
Population coverage	All vehicles on the Motor Vehicle Register, excluding those that are exempt from having a license (not used on roads) and those that have an expired license (if the license has not been renewed within 6 months).
Variables presented	The results are presented by vehicle type. International comparisons are also included (sourced from the Ministry of Transport Annual Vehicle Fleet statistics).
Limitations	The data come from the Motor Vehicle Register. Since 2014, the statistics have excluded vehicles when their license expired, if it has not been renewed within 6 months. This approach gives a larger live fleet size than previously published. The 2014 published statistics have reworked all the time trend comparisons; this approach means data should not be compared with earlier published factsheets.
Related indicators	Number of motor vehicles

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For more information	Ministry of Transport Annual Vehicle Fleet statistics.
References	Kuschel G, Metcalfe J, Wilton E, Guria J, Hales S, Rolfe K, et al. 2012. <i>Updated Health and Air Pollution in New Zealand Study. Volume 1: Summary report</i> . Prepared by Emission Impossible and others for Health Research Council of New Zealand, Ministry of Transport, Ministry for the Environment, and NZ Transport Agency. Available online: http://www.hapinz.org.nz