



## TomTom Traffic Index 2025

### **TomTom unveils data-driven insights from over 450 billion miles driven in 2024**

*TomTom releases its most comprehensive traffic index yet, providing insights on 500 cities across 62 countries.*

*Access the full report here: [www.tomtom.com/TrafficIndex](http://www.tomtom.com/TrafficIndex)*

**Amsterdam, Netherlands, 8 January 2025** - TomTom ([TOM2](#)), the location technology specialist, today releases the 14<sup>th</sup> edition of its TomTom Traffic Index, an annual report that provides a unique overview on global traffic trends.

This year's edition features 500 cities across 62 countries on 6 continents, making it the most robust and complete analysis ever, made available to any observer. The TomTom Traffic Index uses unified metrics to rank these cities based on their average travel time, as well as congestion level. It gives city-by-city information that can help urban planners and policymakers tackle traffic-related challenges and make informed decisions for a better tomorrow.

#### **Global trends in 2024**

In 2024, 379 cities out of 500 (76%) saw their overall average speed decrease compared to 2023. Despite this decrease, average speeds under optimal conditions, characterized by free-flowing traffic, remained stable and even showed slight improvements in most cities. This suggests that the observed deterioration in average speeds is primarily driven by dynamic factors affecting congestion levels, rather than changes in road infrastructure.


The differences in travel times (or average speeds) across cities stem from a combination of static and dynamic factors that significantly influence traffic flow and overall driving conditions.

**Static factors** are fixed aspects of a city's infrastructure and planning that influence travel times. The design of road networks, including highways, arterial roads, and residential streets, impacts traffic flow. Narrow streets, one-way systems, and complex intersections can slow movement, while wider, multi-lane roads support smoother flow. Speed limits, often set for safety, and high-density areas with frequent stops or pedestrian zones also affect driving speeds. Traffic light synchronization, roundabouts, and stop signs further shape navigation efficiency.

Complementing these static factors are **dynamic factors**, that is ever-evolving conditions that impact traffic flow on a daily basis. Traffic congestion during peak hours or seasonal traffic surges lead to higher

vehicle density, causing delays; unexpected obstructions, such as car accidents, construction projects and road closures can create bottlenecks, disrupt normal traffic patterns, and lead to rerouted traffic. Finally, rain, snow, or fog, by reducing visibility and traction, force drivers to adapt their driving style. Highest levels of congestion are often reached on days when weather conditions were particularly bad.


## Ranking of the world's slowest cities in 2024



RANK	CITY	AVERAGE TRAVEL TIME PER 6 MI	CHANGE FROM 2023	RANK	CITY	AVERAGE TRAVEL TIME PER 6 MI	CHANGE FROM 2023
1	<b>Barranquilla</b> Colombia	34 min 51 s	↓ 19 s	6	<b>Kyoto</b> Japan	32 min 7 s	↑ 19 s
2	<b>Kolkata</b> India	33 min 21 s	↑ 9 s	7	<b>Lima</b> Peru	32 min 3 s	↑ 1 min 26 s
3	<b>Bengaluru</b> India	32 min 59 s	↑ 48 s	8	<b>Davao City</b> Philippines	31 min 50 s	↓ 28 s
4	<b>Pune</b> India	32 min 13 s	↓ 57 s	9	<b>Trujillo</b> Peru	31 min 48 s	↑ 28 s
5	<b>London</b> United Kingdom	32 min 8 s	↑ 38 s	10	<b>Dublin</b> Ireland	31 min 37 s	↑ 38 s

In 2024, Barranquilla in Colombia was the city with the lowest average speed. The average speed over the year is 10.3 mph, which means that it takes almost 35 minutes on average to complete a simple 6-mile journey. Three Indian cities feature in the top 5 list of slowest cities. London, the first European city in the ranking, is in 5th position, with an average speed of 11.2 mph in the city. Yet the English capital is only 150th in the congestion ranking, which measures only the dynamic factors of slow speed.

## Ranking of the world's most congested cities in 2024



RANK	CITY	CONGESTION LEVEL %	RANK	CITY	CONGESTION LEVEL %
1	<b>Mexico City</b> Mexico	52%	6	<b>Plovdiv</b> Bulgaria	48%
2	<b>Bangkok</b> Thailand	50%	7	<b>Lodz</b> Poland	48%
3	<b>Davao City</b> Philippines	49%	8	<b>Bandung</b> Indonesia	48%
4	<b>Kumamoto</b> Japan	49%	9	<b>Lima</b> Peru	47%
5	<b>Bucharest</b> Romania	48%	10	<b>Dublin</b> Ireland	47%

The level of congestion only takes into account the dynamic factors that lower the average speed in a city. With a congestion rate of 52%, Mexico City is the city in which traffic has the greatest impact on the deterioration of journey times compared with ideal traffic conditions. This means that on all routes

surveyed throughout the year on the entire road network, journey times are 52% longer than those recorded in Mexico City when traffic was free-flowing.



Because of rush-hour traffic in Lima, Peru, and Dublin, Ireland, motorists in these two cities lost an average of 150 hours in traffic jams (on a typical 6-mile journey, made every working day in the morning and evening) - almost a week's worth over the year.

#### Traffic data to understand how cities move

As urban areas continue to expand, traffic congestion is becoming an increasingly pressing issue that needs to be addressed. "The combination of population and economic growth is putting significant strain on our transportation networks," said Ralf-Peter Schäfer, Vice President of Traffic at TomTom. "Outdated infrastructure and inefficient road planning fail to keep pace with demand. Additionally, the surge in e-commerce has led to a rise in freight traffic, further complicating the situation. Without a shift towards more regulation and sustainable transportation options, we risk worsening congestion that impacts everyone in our cities.

"Urban mobility is the result of the interplay between static factors that determine the potential for efficient travel, and dynamic factors that create variations and disruptions experienced by road users," adds Schäfer. "Our traffic data allows urban planners understand these factors, for them to design cities that balance mobility, safety, and accessibility."

#### New year, new methodology

The TomTom Traffic Index utilizes floating car data collected from various sources to enhance our traffic services. For this new edition, TomTom analyzed a representative sample covering 458 billion miles driven in 2024, allowing to track and demonstrate how traffic patterns have changed in cities worldwide.

In the USA, TomTom's extensive coverage enables its data experts to estimate total traffic volumes. This year's Traffic Index provides an overview of total trip mileage across the country, broken down by city. These insights allow traffic analysts to quantify travel demand, calculate time lost to congestion, and assess CO2 emissions in urban areas.

For the latest edition of the Traffic Index, TomTom has revised its method for defining city centers and metropolitan areas to better reflect actual traffic conditions and enable standardized comparisons between cities. TomTom maps all traffic flows on a hexagonal grid system to identify interconnected areas within the city; the "city center" is defined as the cluster of densest hexagons that account for 20% of all trips, while the "metropolitan area" encompasses all hexagons representing 80% of all trips within the city.

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#### **About TomTom:**

Billions of data points. Millions of sources. Thousands of communities.

We are the mapmaker bringing it all together to build the world's smartest map. We provide location data and technology to drivers, carmakers, businesses and developers. Our application-ready maps, routing, real-time traffic, APIs and SDKs empower the dreamers and doers to move our world forward.

Headquartered in Amsterdam with 3,700 employees around the globe, TomTom has been shaping the future of mobility for over 30 years.

[www.tomtom.com](http://www.tomtom.com)

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