

PARKING OCCUPANCY SURVEYS

Parking occupancy surveys are traffic studies that measure the percentage of parking spaces being used in a specific area over a period of time, often at various times of day, to assess parking demand.

What they measure

- **Occupancy rate:** The percentage of available parking spaces that are occupied at a given time.
- **Peak periods:** The times of day or week with the highest parking demand.

How they are conducted

- **Manual observation:** Surveyors physically visit the site to count occupied and vacant spaces at regular intervals.
- **[Electronic data loggers:](#)** Automated devices can record the number of vehicles entering and leaving a specific area.
- **[Vehicle counting:](#)** Counts can be performed at regular intervals, sometimes broken down by bay or restriction type.
- **[Video analysis:](#)** Video cameras can be used to record occupancy, allowing for later analysis.

What they are used for

- **Determining parking demand:** To understand the existing need for parking in a specific area.
- **Informing development plans:** To help plan the parking needs for new residential, commercial, or other developments.
- **Managing existing parking:** To make decisions about parking fees, enforcement, and management strategies.
- **Identifying usage patterns:** To see how parking is used on weekdays versus weekends and during different times of day.

Related surveys

- **[Parking duration surveys:](#)** Measure how long vehicles stay in a parking spot to understand usage patterns.
- **[Parking turnover surveys:](#)** Measure how often parking spaces are vacated and refilled, which is useful for high-demand areas.
- **[License plate surveys:](#)** Track individual vehicles to gather detailed origin-destination and duration data.