

Travel Analysis

In 2016 the [South West Academic Health Science Network](#) were sub-contracted by Carnall Farrar to carry out a discrete piece of analysis to provide them with the time taken for people within the [Northern, Eastern and Western Devon Clinical Commissioning Group](#) area to travel to local community hospitals with inpatient beds.

The calculation of travel time for people using public transport was undertaken using [TRACC](#), a software created by Basemap which uses algorithms.

Additional Notes

You can access the origin and destination data used in the analysis by clicking the links below.

Origins

https://data.gov.uk/dataset/lower_layer_super_output_area_ Isoa_boundaries

Destinations

<https://digital.nhs.uk/organisation-data-service/data-downloads>

Public Transport Journey Time

The public transport travel time is calculated using the National Public Transport Data Repository (NPTDR) data provided by Basemap which is updated every three months. The dataset used at the time of the analysis was dated Apr-2016. The analysis for public transport was based on journeys starting at 08:00 or later and finishing at 18:00 or earlier, for each day of the week. The resulting datasets were combined into two datasets - weekday and weekend, and consist of the mean of the five weekday travel times and the mean of the two weekend travel times.

Car Speeds (Default)

Taken from Page 5 of Transport Connectivity Travel Time Indicators: Guidance Notes
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/435911/connectivity-statistics-guidance-notes.pdf

Car Speeds (Peak)

Taken from Page 7 of Journey Time Statistics: Access to Services: Notes and Definitions
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/488365/journey-time-statistics-access-to-services-notes-and-guidance.pdf