

Status of the NTEM 7.0 dataset

On 28th July 2016 a new version of TEMPRO and NTEM dataset (version 7.0) was published.

This was an important and long-awaited update of the NTEM datasets which was previously revised in 2011 (version 6.2) and contained a number of important improvements:

- The use of 2011 Census data instead of the 2001 Census used in version 6.2.
- The use of recent population, household and employment projections, as well as the more up-to-date dwellings trajectories for local authorities.
- Incorporation of the latest evidence on trends in driving licence holding.
- Updated assumptions about trip rates based on recent National Travel Survey (NTS) evidence, which is a significant update as the last NTEM datasets used trip rates derived from 1988-1996 NTS data.

Full details can be found in the NTEM Planning Data Guidance version 7 published in TEMPRO website.

Since the release, some localised issues have been identified with the NTEM7.0 dataset which arose from the use of incorrect data in the model. These issues occurred in the processing of input data for employment and dwellings for a small but significant number of local authorities. The local authorities which are known to be materially affected by these issues are listed in table 1.

The application of revised input assumptions will affect the projections for all local authorities but in the vast majority of cases these changes are unlikely to be material. However, our preliminary testing suggests that in a small number of cases there may be a significant impact on other local authorities. These are listed in table 2.

We are currently working through these issues, conducting further checks and are considering the most appropriate format for an addendum to NTEM7.0 when our review is complete. Based on the current progress, we anticipate that an addendum could be formally issued in January 2017 (the Department will issue an update of this timescale in December).

It is the Department's view that until the addendum is released NTEM7.0 continues to provide the most up-to-date dataset for use in transport business cases and a robust basis for developing forecasts in the vast majority of cases. However, NTEM users are advised to take particular care when applying the dataset in the affected area. Promoters of schemes in the affected areas should contact the Department if they have queries or concerns regarding the NTEM7.0 dataset and require further advice in relation to their business cases.

Table 1 Authorities known to be materially affected by issues with input data

Region	Local Authority	Affected input
South East	Crawley	Dwellings
East Midlands	Daventry	Dwellings
Scotland	Glasgow City	Dwellings
East Midlands	Lincoln	Dwellings
East of England	Mid Suffolk	Dwellings
Yorkshire & the Humber	North East Lincolnshire	Dwellings
East Midlands	North Kesteven	Dwellings
South West	North Somerset	Dwellings
East Midlands	North West Leicestershire	Dwellings
East Midlands	Northampton	Dwellings
South West	Poole	Dwellings
South East	Rother	Dwellings
Scotland	Shetland Islands	Dwellings
Scotland	South Lanarkshire	Dwellings
East of England	South Norfolk	Dwellings
East Midlands	South Northamptonshire	Dwellings
South East	South Oxfordshire	Dwellings
London	Southwark	Dwellings
West Midlands	Telford and Wrekin	Dwellings
Scotland	West Dunbartonshire	Dwellings
East Midlands	West Lindsey	Dwellings
West Midlands	Wolverhampton	Dwellings
South West	North Devon	Dwellings & employment
South West	Torridge	Dwellings & employment
South West	West Dorset	Dwellings & employment
South West	Wiltshire	Dwellings & employment
West Midlands	Wychavon	Dwellings & employment
South East	Chiltern	Employment
North East	County Durham	Employment
Scotland	Dumfries and Galloway	Employment
South West	Forest of Dean	Employment
West Midlands	Malvern Hills	Employment
South West	Mid Devon	Employment
South West	North Dorset	Employment
Scotland	Orkney Islands	Employment
Scotland	Scottish Borders	Employment

West Midlands	Shropshire	Employment
South East	South Bucks	Employment
West Midlands	Staffordshire Moorlands	Employment
South West	Swindon	Employment
South West	West Devon	Employment
South West	West Somerset	Employment
West Midlands	Worcester	Employment
South East	Wycombe	Employment

Table 2 Authorities where the impact of revisions to other authorities is expected to have a significant impact on projections

Region	Local Authority
West Midlands	Herefordshire, County of
South West	South Somerset
West Midlands	Wyre Forest