

Statement of Administrative Sources National Road Condition Database

Collection

Data on road surface condition are collected by SCANNER (Surface Condition Assessment for the National Network of Roads) survey vehicles and TRACS (Traffic Speed Condition Surveys) survey vehicles. SCANNER is used to assess the condition of all motorways, 'A', 'B' and 'C' class roads adopted by local authorities. TRACS is used to assess the condition of Highways Agency owned motorways and trunk 'A' roads (the Strategic Road Network).

Both systems collect a range of parameters for every ten metres of the road surface.

More detailed information on SCANNER and TRACS (including the parameters collected and processing carried out) is provided at http://www.ukroadsliaisongroup.org/roads/scanner_draft_2007.htm, http://www.ukroadsliaisongroup.org/roads/tracts_survey.htm and <http://www.dft.gov.uk/pgr/statistics/datatablespublications/roadstraffic/maintenance/rcmtechnote.pdf>.

Application

Road condition data are used by local authorities and the Highways Agency for assessing the need and planning road maintenance. The data are processed and loaded into the UK Pavement Management System (UKPMS) by each authority and used for operational purposes.

UKPMS also produces the outputs for National Indicators 168 and 169.

Access and dissemination

Highways authorities make use of the road condition data for operational purposes before DfT receive and publish the data.

Non-statistical publication

SCANNER data are used to produce National Indicators 168 and 169. TRACS data are used to produce the Highways Agency Performance Indicator.

Statistical publication

Transport Statistics Bulletin: Road Conditions in England

Synergies

The Highways Condition Index (HCI) produce in *Road Conditions in England* follows a similar methodology to that used for National Indicators 168 and 169.

Security / data protection arrangements

Data are not of a personal or confidential nature.

Metadata

Statistical end products

Road Conditions in England – annual

(<http://www.dft.gov.uk/pgr/statistics/datatablespublications/roadtraffic/maintenance/>)

Published by the Vehicle Licensing Statistics Branch, Department for Transport.

Contact point: Paul Syron, Zone 3/9 Great Minster House, 76 Marsham Street, London SW1P 4DR. Tel: 020 7944 3077.

Email: roadmaintenance.stats@dft.gsi.gov.uk.

Administrative / management source or system

Title: National Road Condition Database

Owner: Department for Transport (individual datasets owned by local highways authorities and the Highways Agency)

Purpose of database: For the operational management and assessment of roads

Unit of inquiry: Sections of road

Intend coverage: 100% of lane 1 of motorways, 'A' roads, 'B' roads and 'C' roads

Completeness: 100%

Geographical coverage: England

Lowest level of geographical coverage: Grid reference relating to 10 metre sections of road

Extent to which statistical end-producers can influence the system: DfT statistics has no influence over what is collected.

Data definitions used: Provided in

<http://www.dft.gov.uk/pgr/statistics/datatablespublications/roadtraffic/maintenance/rcmtechnote.pdf>

Classification systems used: Provided in

<http://www.dft.gov.uk/pgr/statistics/datatablespublications/roadtraffic/maintenance/rcmtechnote.pdf>

Periodicity / timing: Updated annually

Validation procedures: Provided at

http://www.ukroadsliaisongroup.org/roads/tracts_survey.htm

Access arrangements: Highways authorities have access to data for operational purposes.

Timing of release: Annual data are provided to DfT following the end of the financial year.

The subsequent statistical production process

Validation procedures: Survey vehicles undergo annual accreditation. Full details provided in

<http://www.ukroadsliaisongroup.org/pdfs/2007%20Draft%20version%2008%20Volume%205%20SCANNER%20survey%20parameters.pdf>.

Quality assessment: Provided at

http://www.ukroadsliaisongroup.org/roads/scanner_draft_2007.htm and in <http://www.dft.gov.uk/pgr/statistics/datatablespublications/roadtraffic/maintenance/rcmtechnote.pdf>.

Periodicity of release: Annual