



TRANSPORT DATA CENTRE

# TDC News

TN 2009/04 October 2009

## TDC Part of New Department

In July, the NSW Ministry of Transport joined with other NSW transport agencies to become the NSW Transport & Infrastructure. This change was part of the recent NSW government restructure in which 13 major departments were created. The Transport Data Centre (TDC) retains its role and structure under this new department.

## New Look

We've revamped *TDC News*! We hope you enjoy the fresh look of *TDC News* and our other publications.

## Population Forecasts

The new TDC October 2009 Release Population Forecasts are now available. Produced at travel zone level, these are consistent with the Department of Planning (DoP) 2008 Release Population Projections for Estimated Resident Population (ERP) at the Statistical Local Area (SLA) level. The TDC breakdown of ERP into (a) population in Occupied Private Dwellings, and (b) population in Non-Private Dwellings is derived from data supplied by the Australian Bureau of Statistics (ABS). This set of forecasts also took into account the Metropolitan Development Program (MDP) Cadastral Database for 2007/08 and data from the Growth Centres Commission Residential Lot Projections as at November 2008 provided by DoP. Age-sex breakdowns will be available in November 2009. Registered users will soon be able to download these new forecasts from our website:  
<https://appln.transport.nsw.gov.au/tdc/faces/jsp/public/home.jspx>

## Employment Forecasts

The new TDC Employment Forecasts are expected to be released in November 2009. These data are produced at the travel zone level, the smallest geography available for this type of information for the Greater Metropolitan Area of Sydney. The data will become available to registered users via the online system upon their release. Once finalised, the employment forecasts will be used as inputs into the Freight Movement Model (FMM) to produce another one of TDC's important data products, small area forecasts of commercial travel.

## SMART Infrastructure Facility Inaugural Workshop

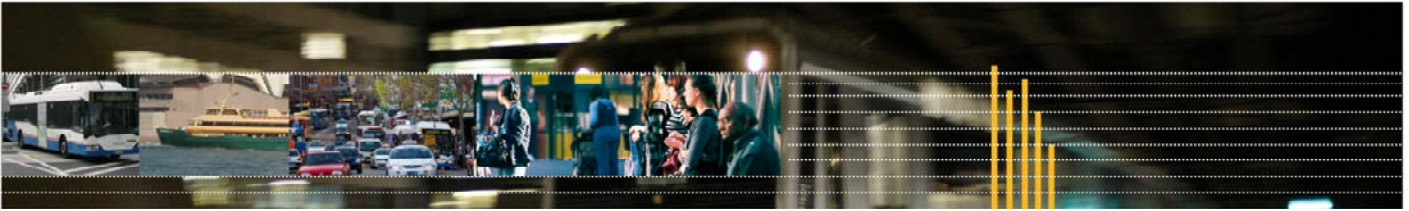
TDC's Kirk Bendall and Chris Walsh (Centre for Transport Planning & Product Development) represented NSW Transport & Infrastructure at the University of Wollongong's SMART (Simulation, Modelling and Analysis for Research and Teaching) Infrastructure Facility Inaugural Workshop in September. Key participants included the Department of Planning and Landcom. Participants explored the use of modelling, simulation and visualisation techniques to research transport and land use complexities along with international experts, staff and students. For more information on the SMART Infrastructure Facility's collaborative and multi-disciplinary approach see <http://smart.uow.edu.au/index.html> and TDC's data resources and modelling capabilities see: <http://product-webepl.transport.nsw.gov.au/tdc/>.

## Latest TDC Datasets Online

In March, TDC launched a new online facility which allows registered users to download standard TDC datasets from the web. Since its initial release, the following datasets were added: five new 2006 JTW tables (in July) and 1996 JTW tables (in September). Coming soon are the revised small area population forecasts (including age-sex breakdowns), employment forecasts and 1991 JTW tables. Registered users can access these datasets:  
<https://appln.transport.nsw.gov.au/tdc/faces/jsp/public/home.jspx>



Transport & Infrastructure



## ATRF

All papers from the recently held 32<sup>nd</sup> Australasian Transport Research Forum (ATRF) will soon be online at: <http://www.patrec.org/atrf.aspx>. TDC presented the following six papers at the conference:

“Household and Workplace Mobility: Implications for Travel” By Annette Hay

“Evaluation of Bus Operations by Microsimulation in a Sydney CBD Corridor” By Peter Hidas, Scott Aitken, Siddharth Sharma and Min Xu

“Traffic Counts for Strategic Transport Model Validation: What Counts?” By Peter Hidas and Frank Milthorpe

“The Vehicle Kilometres Travelled (VKT) by Private Car: A Spatial Analysis Using Geographically Weighted Regression” By Corinne Mulley and Michael Tanner

“A Load of Garbage! A Study to Understand Movements of Waste Materials in an Urban Area” By Lita Mendigoren, John Peachman and Francois Botes

“Making a Molehill out of a Mountain – Spreading the Morning Peak with Flexible Working Hours” By Kerry Shaz and Grace Corpuz

TDC papers are online: <http://www.transport.nsw.gov.au/tdc/publications.html>.

The 33<sup>rd</sup> ATRF will be held in Canberra from 29 September – 1 October 2010.

Abstracts are due by 29 January 2010. For more details, visit: [www.bitre.gov.au](http://www.bitre.gov.au).

## Updated Household Travel Survey Key Indicators by LGA

Earlier this year, we published summary data for each Local Government Area (LGA) in NSW in our website. The transport information featured here is limited to what was collected in the Census, such as where people work and what mode of transport they used to go to work. To supplement this information, especially for LGAs in the Greater Metropolitan Area of Sydney (GMA), we recently uploaded more transport statistics based on the latest 2007 Household Travel Survey (HTS). These HTS data include details for all trip purposes by LGA, Statistical Subdivision (SSD) and Subregion. Complete Excel spreadsheets for all LGAs in the GMA can be found here: <http://www.transport.nsw.gov.au/tdc/publications.html>.

Data by SSD can be found here:

<http://www.transport.nsw.gov.au/tdc/statistics-gma-ssd.html>.

## 131500 Data

As part of the NSW Government's Public Transport Data Exchange Program, public transport information for the Sydney area, including time tables, route stops and frequencies can now be accessed online: <http://www.131500.com.au/transportdata/>.

## Join the TLISC Online Transport Library

The Department of Education, Employment and Workplace Relations (DEEWR) has established an online transport library at [www.transportlibrary.com.au](http://www.transportlibrary.com.au). The eLibrary contains hundreds of documents including reports, news articles and presentations relating to the Transport & Logistics Industry, Skills, and Vocational Education and Training. Access to the eLibrary is free. Users can also subscribe to email alerts for their areas of interest when new relevant documents are added to the library.

## Korean Transport Institute

TDC met with a senior officer of the Korea Transport Database group of the Korea Transport Institute (KOTI) in September. This organisation undertakes similar work to the TDC and they are now looking at entering into a cooperative arrangement with the TDC so that the two data centres can exchange information and learn from each other.

## Contact for Data Requests

If you have an inquiry about TDC data, a good place to start is our website <http://www.transport.nsw.gov.au/tdc/>. You'll find information about the centre, access to our publications and many facts and figures at your fingertips.

If you would like to follow this up with a request for data, or have any further questions, please send an email to [tdcinfo@transport.nsw.gov.au](mailto:tdcinfo@transport.nsw.gov.au).

A range of complete datasets are available online to registered users. To register, visit: <http://www.transport.nsw.gov.au/tdc/register.html>

