

TRANSIMS Version 4.0

May 1, 2007 Release

Change Log edited: 4/27/2007

SysLib

The travel time data class was enhanced to return the free flow travel time for time periods and links where travel time data was not provided.

The Db File class was updated to avoid positioning errors caused by reading small Linux text files in a Windows application.

PopSyn 4.0.3

The PUMS vehicle or age fields were forced into the output file even if they are not included in the output field lists. The field numbers are reset to the internal database values. A bug was fixed in the output household field logic. A PUMA cross classification report was added. The PUMS household and population summary reports were implemented.

Router 4.0.22

A correction was made to the activity file processing to exit partitioned processing after the specified number of households was processed rather than the number of travelers. Logic was added to protect against problems caused by the origin parking lot of a park-&-ride trip being flagged as a park-&-ride lot. A bug was fixed for applications that include an incomplete link delay file. The logic was changed to process both a trip file and an activity file in the same application.

Microsimulator 4.0.24

A bug in the problem file class caused several fields to be excluded from the output problem file.

VehGen 4.0.1

The output vehicle file key was changed to NEW_VEHICLE_FILE to be consistent with Version 4 naming conventions. The number of vehicles field in each household record is used to synthesize multiple vehicles per household. If this field is not found, one vehicle is generated for each household.

PlanSum 4.0.20

The Top 100 V/C ratio report was modified to address 64 bit printing issues.

LinkSum 4.0.10

The Top 100 reports were modified to address 64 bit printing issues.

TripSum 4.0.3

The Top 100 reports were modified to address 64 bit printing issues.

ConvertTrips 4.0.11

Error messages were included when the origin or destination weight fields were not found in the Activity Location file.

SmoothData 4.0.5

The file replication logic was enhanced to avoid losing the minutes from a 24 clock time saved to a double field.

TransitNet 4.0.2

The mapping of route modes to vehicle types was updated to include multiple levels of bus and rail service.