



BESTUFS WP 3.1

Report on urban freight data collection in Sweden

Final version

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1. Overview of freight data collection in Sweden

The national government is responsible for collecting urban freight data in Sweden. In addition, some one-off surveys are carried out by urban authorities.

Table 1 summarises urban freight data collected in Sweden.

2. Most important freight data collection exercises in the country

Nätra - a sample investigation focused on a stratified sample of the 175,000 workplaces in Stockholm County was carried out in 1998. For each workplace selected, information was obtained regarding all movements by the selected vehicle (heavy lorry, light lorry or car) during one day.

A commodity flow survey (shipment based, not vehicle based) was carried out in 2001. This survey provided data on the movement of goods in Sweden with Swedish and foreign recipients/consignors. It provided information on type of commodities shipped, their value, weight, and mode of transportation, as well as the origin and destination of shipments.

A new shipment based survey will be carried out in the next five years. No new vehicle-based freight data collection has been carried out since 1998.

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Table 1: Summary of continuous urban freight data collected in Sweden

Type of data collection exercise/survey	Name of data collection/survey	Name of organisation collecting data	Reason for data collection	Is data used for modelling ?	Frequency of data collection	Last time data was collected	Type of data collected	Method of data collection	Sample size	Units of measure used	Geographical coverage	How difficult to extract urban data
Commodity flow survey	Varuflödesundersökningen	Statistics Sweden	to collect data for freight models	Yes	Every third year	2001, data collected again in June 2004 –2005	outgoing consignments and incoming consignments from abroad.	postal questionnaires and extraction of data from administrative systems	12 000 local units	Tonnes, SEK,	Local units in Sweden	Very difficult
Site/Land Use/Establishment surveys	None											
Transport operator surveys (including driver diary surveys)	Inrikes och utrikes trafik med svenska lastbilar	Statistics Sweden	EU-regulation	Yes	Continuou s	Last publication covers first quarter 2005	Tonnes, configuration, geographical data	Postal questionnaire	12 000 per year			Very difficult
Shipper surveys	No											
	Yes, see commodity flow survey above											
Good vehicle fleet licensing data	Vehicle statistics	Statistics Sweden	Official statistics		Monthly		Number, type of vehicle, configuration	Administrative register	Not based on sample		Sweden	
Traffic counts	Trafikbarometern	National road administration	General information		Monthly		Vehicle kilometres	automatic traffic counts	80 fixed count points	Number of vehicle passing	State-owned roads	Very difficult

(continued)

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Distribution industry surveys	Yes, see commodity flow survey above											
Vehicle operating cost surveys	None											
Loading/unloading/parking infrastructure data for goods vehicles	None											
Data on road accidents involving goods vehicles	Vägtrafikskador	National road administration		No			Killed, injured, vehicles involved	Police reports	Not based on sample		Sweden	Easy