

# Freight indicators used in UK (1)

Title and description of the urban freight indicator	Units in which the indicator is measured	Project/organisation using this indicator and reference if known
Freight Intensity	Tonne kilometres/GDP	Department for Transport, Focus On Freight, 2003.
Lorry traffic intensity	Vehicle kilometres/GDP	Department for Transport, Focus On Freight, 2003
Goods moved	Tonne kilometres	Department for Transport (DfT) – results from Continuing Survey of Road Goods Transport (CSRGT)
Goods lifted	Tonnes	DfT results from CSRGT
Average length of haul	Vehicle kilometres	DfT results from CSRGT
Distance travelled	Vehicle kilometres	DfT results from CSRGT

# Freight indicators used in UK (2)

Title and description of the urban freight indicator	Units in which the indicator is measured	Project/organisation using this indicator and reference if known
Lading factor	Percentage	DfT results from CSRGT
Empty running	Vehicle km run empty/total vehicle km (loaded and empty)	Department for Transport, Focus On Freight, 2003.
HGV kilometres per tonne of oil consumed	HGV vehicle km/HGV tonnes of oil consumed	Department for Transport, Focus On Freight, 2003.
HGV tonne-kilometres per tonne of oil consumed	HGV tonne-km/HGV tonnes of oil consumed	Key Performance Indicators (KPIs) used in DfT TransportEnergy Best Practice Programme (TEBPP) projects
Energy intensity	Fuel consumed per tonne kilometre	KPIs used in DfT TEBPP projects
Goods vehicle time utilisation	Proportion of 24-hour period spent: Running on the road, Loading/unloading, On the road – daily rest, Pre-loaded awaiting departure, Delayed/loaded and inactive, Maintenance/repair, and Idle (empty and stationary)	DfT results from CSRGT

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Title and description of the urban freight indicator	Units in which the indicator is measured	Project/organisation using this indicator and reference if known
Average vehicle fill at start of round	Proportion of total vehicle weight or volume capacity used (expressed as %)	University of Westminster - Modelling policy measures and company initiatives for sustainable urban distribution
Ave driving time and stationary time as % of total round time	Proportion of total time vehicle is away from depot spent i) driving and ii) stationary while making deliveries (expressed as % of total round time)	University of Westminster - as above
Average speed per round (including and excluding stops to make deliveries) km/hour	Km per hour	University of Westminster - as above
Average time taken per delivery	Minutes per delivery	University of Westminster - as above

# Urban freight indicators used in UK (2)

Title and description of the urban freight indicator	Units in which the indicator is measured	Project/organisation using this indicator and reference if known
Average distance travelled per collection/delivery	Kilometres per collection or delivery	University of Westminster - as above
Average operating cost per collection/delivery	£ per collection or delivery	University of Westminster - as above
Total distance travelled on roads in urban area transporting food by HGV, LGV, and car used as a proxy for accidents and congestion costs	Total vehicle km per year in UK urban areas	AEA Technology Environment et al. - The Validity of Food Miles as an Indicator of Sustainable Development