

Speed Fraction - Peak Hour Flow Speed

Roads with 70kph Speed Limit	0-5mph	5-10mph	10-15mph	15-20mph	20-25mph	25-30mph	30-35mph	35-40mph	40-45mph	45-50mph
PC&LGV - Petrol Private Cars & Light Goods Vehicles	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
PC&LGV - <2.5t - Diesel Private Cars & Light Goods Vehicles <2.5t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
LGV2.5-3.5t - Diesel Private Cars & Light Goods Vehicles 2.5-3.5t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Public Light Bus	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
LGV>3.5t - Light Goods Vehicles>3.5t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
HGV<15t - Medium & Heavy Goods Vehicles with GVW 5.5-15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
HGV>15t - Medium & Heavy Goods Vehicles with GVW >=15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
FBDD - Double Deck Franchised Buses	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
MC - Motor Cycles	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Taxi - Taxi (LPG)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
PrLB<3.5t - Private Light Buses <3.5t (from 0700-1900 only)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
PrLB>3.5t - Private Light Buses >3.5t (from 0700-1900 only)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
NFB<6.4t - Non-franchised Buses <6.4t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
NFB6.4-15t - Non-franchised Buses 6.4-15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
NFB>15t - Non-franchised Buses>15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
FBSD - Single Deck Franchised Buses	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Roads with 50kph Speed Limit	0-5mph	5-10mph	10-15mph	15-20mph	20-25mph	25-30mph	30-35mph	35-40mph	40-45mph	45-50mph
PC&LGV - Petrol Private Cars & Light Goods Vehicles	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PC&LGV - <2.5t - Diesel Private Cars & Light Goods Vehicles <2.5t	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LGV2.5-3.5t - Diesel Private Cars & Light Goods Vehicles 2.5-3.5t	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Public Light Bus	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LGV>3.5t - Light Goods Vehicles>3.5t	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HGV<15t - Medium & Heavy Goods Vehicles with GVW 5.5-15t	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HGV>15t - Medium & Heavy Goods Vehicles with GVW >=15t	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FBDD - Double Deck Franchised Buses	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MC - Motor Cycles	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Taxi - Taxi (LPG)	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PrLB<3.5t - Private Light Buses <3.5t (from 0700-1900 only)	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PrLB>3.5t - Private Light Buses >3.5t (from 0700-1900 only)	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NFB<6.4t - Non-franchised Buses <6.4t	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NFB6.4-15t - Non-franchised Buses 6.4-15t	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NFB>15t - Non-franchised Buses>15t	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FBSD - Single Deck Franchised Buses	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Notes: Speed Fractions applied from 06:00-09:00 and 16:00-20:00

Note: As the average Volume to Capacity Ratio during peak hours for road with 50kph is approximately 1.0, from CTS-3 model, the speed at this capacity will be around 28kph.

Speed Fraction - Non-rush Hour Flow Speed (Design Speed)

Roads with 70kph Speed Limit	0-5mph	5-10mph	10-15mph	15-20mph	20-25mph	25-30mph	30-35mph	35-40mph	40-45mph	45-50mph
PC&LGV - Petrol Private Cars & Light Goods Vehicles	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
PC&LGV - <2.5t - Diesel Private Cars & Light Goods Vehicles <2.5t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
LGV2.5-3.5t - Diesel Private Cars & Light Goods Vehicles 2.5-3.5t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Public Light Bus	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
LGV>3.5t - Light Goods Vehicles>3.5t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
HGV<15t - Medium & Heavy Goods Vehicles with GVW 5.5-15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
HGV>15t - Medium & Heavy Goods Vehicles with GVW >=15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
FBDD - Double Deck Franchised Buses	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
MC - Motor Cycles	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Taxi - Taxi (LPG)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
PrLB<3.5t - Private Light Buses <3.5t (from 0700-1900 only)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
PrLB>3.5t - Private Light Buses >3.5t (from 0700-1900 only)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
NFB<6.4t - Non-franchised Buses <6.4t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
NFB6.4-15t - Non-franchised Buses 6.4-15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
NFB>15t - Non-franchised Buses>15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
FBSD - Single Deck Franchised Buses	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Roads with 50kph Speed Limit	0-5mph	5-10mph	10-15mph	15-20mph	20-25mph	25-30mph	30-35mph	35-40mph	40-45mph	45-50mph
PC&LGV - Petrol Private Cars & Light Goods Vehicles	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
PC&LGV - <2.5t - Diesel Private Cars & Light Goods Vehicles <2.5t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
LGV2.5-3.5t - Diesel Private Cars & Light Goods Vehicles 2.5-3.5t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
Public Light Bus	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
LGV>3.5t - Light Goods Vehicles>3.5t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
HGV<15t - Medium & Heavy Goods Vehicles with GVW 5.5-15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
HGV>15t - Medium & Heavy Goods Vehicles with GVW >=15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
FBDD - Double Deck Franchised Buses	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
MC - Motor Cycles	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
Taxi - Taxi (LPG)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
PrLB<3.5t - Private Light Buses <3.5t (from 0700-1900 only)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
PrLB>3.5t - Private Light Buses >3.5t (from 0700-1900 only)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
NFB<6.4t - Non-franchised Buses <6.4t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
NFB6.4-15t - Non-franchised Buses 6.4-15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
NFB>15t - Non-franchised Buses>15t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
FBSD - Single Deck Franchised Buses	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%

Notes: Speed Fractions applied from 20:00-06:00 and 09:00-16:00