

Correction to Annual Road Traffic Estimates 2011

Methodology Note

A small error was found in the Annual Road Traffic Estimates 2011, published on 28 June 2012. The published estimates omitted data for a small number of sections of the road network in Scotland.

Which statistics have been affected?

The revision has resulted in small changes to the Scottish traffic estimates with larger changes for some Scottish local authorities. The traffic estimates for Great Britain have changed very slightly; however all substantive trends reported in the original 2011 statistical release remain valid. The revision does not affect previously published figures for England and Wales at country and local authority level.

Which Scottish Local Authorities have been affected?

Traffic flow data was omitted for 98.1km (1%) of the major road network in Scotland. The table below shows which Local Authorities were affected and for which road classes the data was omitted.

	Length of road network (km) for which traffic data was omitted				Percentage of motorway network ¹	Percentage of Rural Trunk A road network ²	Percentage of Urban Trunk A road network ³	Total Major road Network ⁴
	Trunk A roads							
	Motorway	Rural	Urban	Total				
Scotland	11.7	81.8	4.6	98.1	3	3	5	1
Aberdeen City	.	.	0.3	0.3	.	.	2	0
Angus	.	5.9	.	5.9	.	13	.	2
Dundee City	.	.	1.1	1.1	.	.	7	0
East Ayrshire	.	13.0	.	13.0	.	28	.	7
East Lothian	.	3.0	.	3.0	.	5	.	2
Falkirk	1.7	.	.	1.7	5	.	.	1
Fife	.	15.0	0.8	15.8	.	18	13	4
Glasgow City	1.6	.	.	1.6	4	.	.	1
Highland	0.0	28.2	.	28.2	.	3	.	1
Moray	.	9.4	.	9.4	.	10	.	4
North Ayrshire	.	4.7	.	4.7	.	8	.	3
North Lanarkshire	8.4	.	.	8.4	34	.	.	5
South Lanarkshire	.	.	2.4	2.4	.	.	37	1
Stirling	.	0.8	.	0.8	.	1	.	0
West Dunbartonshire	.	1.8	.	1.8	.	10	.	3

1. This is the proportion of the motorway network omitted compared to the total motorway network in Scotland or each Local Authority

2. This is the proportion of the Rural Trunk A road network omitted compared to the total motorway network in Scotland or each LA.

3. This is the proportion of the Urban Trunk A road network omitted compared to the total motorway network in Scotland or each LA.

4. This is the proportion of the total major network omitted compared to the total major road network in Scotland or each LA.

Which outputs have changed as a result of the correction?

Data within the following webtables has been updated:-

Ref.	Table name
<u>TRA01: Road traffic by vehicle type and by road category (in vehicle miles)</u>	
TRA0101	Road traffic (vehicle miles) by vehicle type in Great Britain, annual from 1949
TRA0102	Motor vehicle traffic (vehicle miles) by road class in Great Britain, annual from 1950
TRA0103	Motor vehicle traffic (vehicle miles) by road class and region and country in Great Britain, annual from 2006
TRA0104	Road traffic (vehicle miles) by vehicle type and road class in Great Britain, annual from 2006
TRA0105	Change in traffic on major roads by region and country in Great Britain, from 2001 to 2011
<u>TRA02: Road traffic by vehicle type and by road category (in vehicle kilometres)</u>	
TRA0201	Road traffic (vehicle kilometres) by vehicle type in Great Britain, annual from 1949
TRA0202	Motor vehicle traffic (vehicle kilometres) by road class in Great Britain, annual from 1950
TRA0203	Motor vehicle traffic (vehicle kilometres) by road class and region and country in Great Britain, annual from 2006
TRA0204	Road traffic (vehicle kilometres) by vehicle type and road class in Great Britain, annual from 2006
<u>TRA25: Quarterly Road traffic by vehicle type and by road category</u>	
TRA2501	Road traffic by vehicle type in Great Britain, quarterly and annual index numbers from 1993
TRA2502	Road traffic by vehicle type in Great Britain, quarterly from 1993
TRA2503	Road traffic by road class in Great Britain, quarterly and annual index numbers from 1993
TRA2504	Car and goods vehicle traffic by road class in Great Britain, quarterly and annual index numbers from 1993
<u>TRA03: Motor vehicle flow</u>	
TRA0301	Motor vehicle flow by road class in Great Britain, annual from 1993
TRA0302	Motor vehicle flow by road class and region and country in Great Britain, annual from 2006
TRA0303	Motor vehicle flow for major sections of motorway network in Great Britain, annual from 2001
<u>TRA31: Heavy goods vehicle traffic</u>	
TRA3105	Heavy goods vehicle traffic by axle configuration and road category in Great Britain, annual from 2006
<u>TRA89: Road traffic by region and local authority</u>	
TRA8901	Motor vehicle traffic (vehicle miles) by Local Authority in Great Britain, annual from 1993
TRA8902	Car traffic (vehicle miles) by Local Authority in Great Britain, annual from 1993
TRA8904	Motor vehicle traffic (vehicle kilometres) by Local Authority in Great Britain, annual from 1993
TRA8905	Car traffic (vehicle kilometres) by Local Authority in Great Britain, annual from 1993

The Annual Road Traffic estimates 2011 statistical release has also been updated to reflect the corrected Scottish traffic estimates. Copies of the original release (statistical release and tables) are available on the new release page (as a zip file).

How has the change affected the road traffic estimates for 2011 for Great Britain?

The table below shows where the previously published figures for 2011 for Great Britain have changed. (Figures taken from table TRA0104). The overall motor vehicle traffic volume for 2011 in Great Britain is 488.9 billion vehicle kilometres (303.8 billion vehicle miles), compared to 488.2 billion vehicle kilometres (303.2 billion vehicle miles) published previously.

Road traffic (vehicle kilometres) by vehicle type and road class in Great Britain, annual 2011

Billion vehicle kilometres

	Cars and taxis		Light vans		Goods vehicles		All motor vehicles	
	Revised	Original	Revised	Original	Revised	Original	Revised	Original
Motorways	75.0	74.8	12.5	12.4	11.2	11.1	99.5	99.2
Rural 'A' roads:		-		-		-		-
Trunk	44.3	44.0	7.9	7.9	5.2	5.1	58.1	57.7
Principal	66.2	66.2	11.4	11.4	4.1	4.1	83.1	83.1
All rural 'A' roads	110.5	110.2	19.3	19.3	9.3	9.2	141.2	140.8
Urban 'A' roads:		-		-		-		-
Trunk	4.3	4.2	0.7	0.7	0.3	0.3	5.4	5.3
Principal	60.5	60.5	9.2	9.2	2.3	2.3	73.9	73.9
All urban 'A' roads	64.7	64.7	9.9	9.9	2.6	2.6	79.3	79.2
All major roads	250.3	249.7	41.7	41.6	23.0	22.9	319.9	319.2
All roads	387.4	386.8	66.6	66.5	25.6	25.6	488.9	488.2

How has the change affected the road traffic estimates for 2011 for Scotland?

The table below shows where the previously published figures for 2011 for Scotland and the affected local authorities within Scotland have changed. (Figures taken from table TRA8904). The overall motor vehicle traffic volume in Scotland is 43.1 billion vehicle kilometres (26.8 billion vehicle miles), compared to 42.4 billion vehicle kilometres (26.3 billion vehicle miles) published previously.

Motor vehicle traffic in Scotland, 2011

Million vehicle kilometres

Local authority	Revised	Original
Scotland	43,085	42,366
Aberdeen City	1,281	1,278
Angus	1,068	1,013
Dundee City	856	840
East Ayrshire	1,009	901
East Lothian	847	844
Falkirk	1,477	1,449
Fife	2,816	2,772
Glasgow City	3,417	3,355
Highland	2,559	2,462
Moray	700	652
North Ayrshire	762	746
North Lanarkshire	2,943	2,777
South Lanarkshire	2,427	2,384
Stirling	1,191	1,190
West Dunbartonshire	633	604