

Risk Rating of Britain's Motorways and 'A' Roads



This map shows the statistical risk of a fatal or serious injury crash occurring on Britain's motorway and 'A' road network for 2015-2017. 60% of Britain's road fatalities are on the British EuroRAP network, which covers 49,500km in total, representing around an eighth of Britain's road network, and which carries more than three-quarters of the traffic.

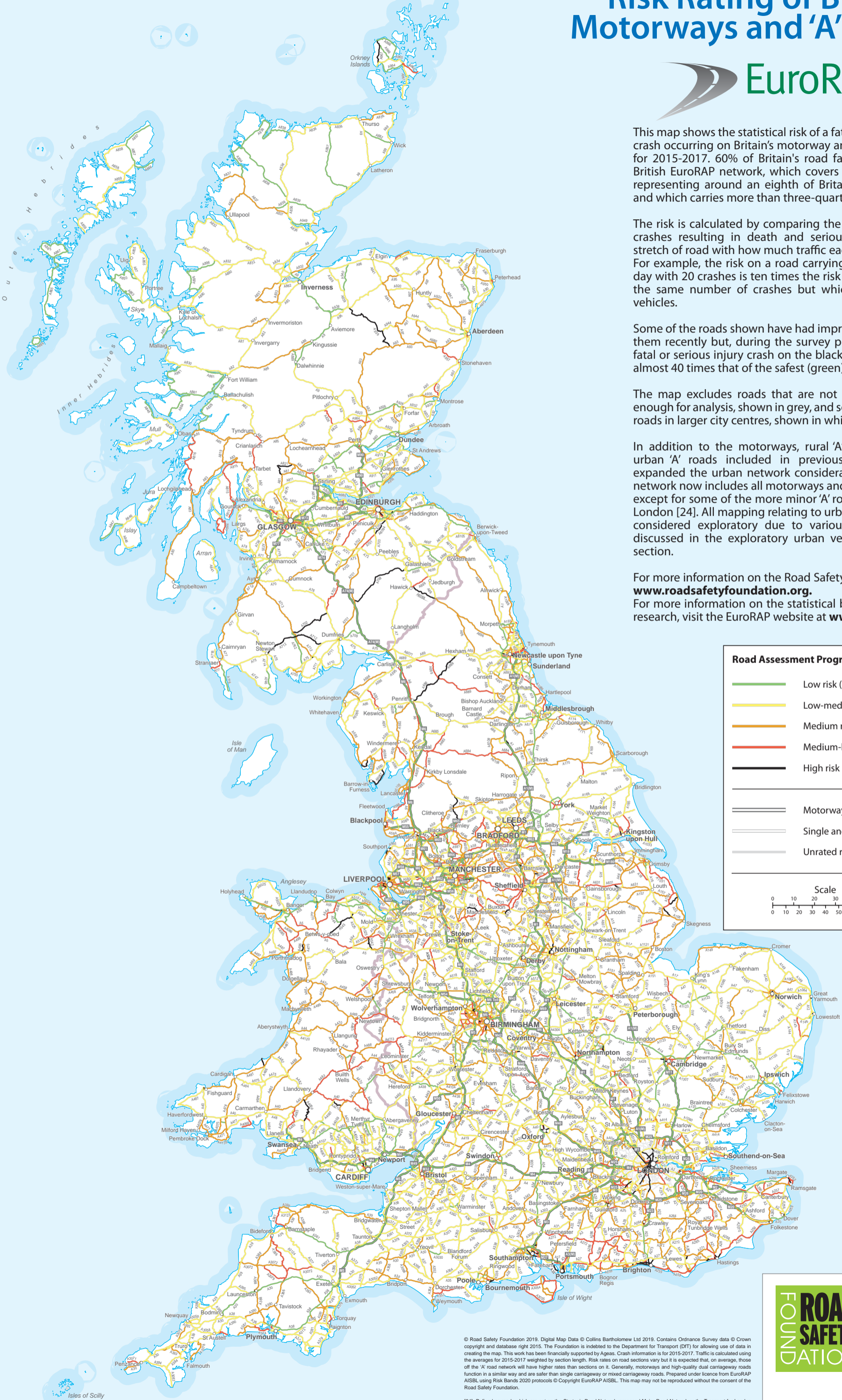
The risk is calculated by comparing the frequency of road crashes resulting in death and serious injury on every stretch of road with how much traffic each road is carrying. For example, the risk on a road carrying 10,000 vehicles a day with 20 crashes is ten times the risk on a road that has the same number of crashes but which carries 100,000 vehicles.

Some of the roads shown have had improvements made to them recently but, during the survey period, the risk of a fatal or serious injury crash on the black road sections was almost 40 times that of the safest (green) roads.

The map excludes roads that are not statistically robust enough for analysis, shown in grey, and some more minor 'A' roads in larger city centres, shown in white.

In addition to the motorways, rural 'A' roads and select urban 'A' roads included in previous years, we have expanded the urban network considerably. The EuroRAP network now includes all motorways and 'A' roads in Britain except for some of the more minor 'A' roads within Greater London [24]. All mapping relating to urban areas should be considered exploratory due to various data limitations discussed in the exploratory urban versus rural analysis section.

For more information on the Road Safety Foundation go to www.roadafetyfoundation.org. For more information on the statistical background to this research, visit the EuroRAP website at www.eurorap.org.



Road Assessment Programme Risk Rating

- Low risk (safest) roads
- Low-medium risk roads
- Medium risk roads
- Medium-high risk roads
- High risk roads

- Motorway
- Single and dual carriageway
- Unrated roads

Scale

0 10 20 30 40 50 miles

0 10 20 30 40 50 60 70 80 kms

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[24] Defined as roads which are not on the Strategic Road Network, proposed Major Road Network or the Transport for London Road Network and which also have three or more digits in their 'A' number.

