



LEGEND

L_{night}
Noise zone (dB)

- < 45 (dB)
- 45 to 49 (dB)
- 50 to 54 (dB)
- 55 to 59 (dB)
- 60 to 64 (dB)
- 65 to 69 (dB)
- ≥ 70 (dB)

Study Area
National Road
Regional Road
Town

L _{night}	Approximate Number of People	
	Waterford City	Waterford County
< 50	42,169	12,119
50 - 54	1,277	911
55 - 59	838	401
60 - 64	619	230
65 - 69	0	45
> 70	0	0

L _{night}	Approximate Area [km ²]	
	Waterford City	Waterford County
> 50	5	28
> 60	1	5
> 70	0	0

L _{night}	Approximate Number of Dwellings	
	Waterford City	Waterford County
> 50	1,745	688
> 60	489	118
> 70	0	0

L _{night}	Approximate Number of People	
	Waterford City	Waterford County
> 50	2,734	1,587
> 60	619	275
> 70	0	0

Project Strategic Noise Mapping Phase 2 (2012)

Title L_{night} (dB) - County Waterford & Waterford City

0 5 10 20 Kilometers

Coordinate System: TM65 Irish Grid

Data Source: Waterford Co Co.; Waterford City Co.; National Roads Authority

Date: September, 2012

This strategic noise map presents a graphical representation of weighted predicted annual average (L_{den}) and annual average night time (L_{night}) road traffic noise levels in Co Waterford & Waterford City. The map has been developed in accordance with S.I. No. 140/2006 (the Environmental Noise Regulations) and is a representation of the average environmental noise levels over one complete year. This map forms part of a national noise mapping strategy which can be primarily used as a strategic tool for large scale planning or policy matters and is not suitable for local noise assessments. National and regional roads deemed to be carrying in excess of 3 million vehicle passages per year were assessed in this national study.

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