



**LEGEND**

**Lden**  
**Noise zone (dB)**

- < 55 (dB)
- 55 to 59 (dB)
- 60 to 64 (dB)
- 65 to 69 (dB)
- 70 to 74 (dB)
- ≥ 75 (dB)

Study Area  
National Road  
Regional Road  
Town

L <sub>den</sub>	Approximate Number of People
< 55	5,774
55 - 59	764
60 - 64	329
65 - 69	403
70 - 74	62
> 75	3

L <sub>den</sub>	Approximate Area [km <sup>2</sup> ]
> 55	24
> 65	5
> 75	0.6

L <sub>den</sub>	Approximate Number of Dwellings
> 55	667
> 65	230
> 75	1

L <sub>den</sub>	Approximate Number of People
> 55	1,561
> 65	468
> 75	3

**Project** Strategic Noise Mapping Phase 2 (2012)

**Title** Lden (dB) - County Offaly

0 5 10 20 Kilometers

Coordinate System: TM65 Irish Grid

**Data Source:** National Roads Authority  
**Date:** September, 2012

This strategic noise map presents a graphical representation of weighted predicted annual average (L<sub>den</sub>) and annual average night time (L<sub>night</sub>) road traffic noise levels in Co Offaly. 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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