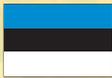


Noise in Europe

2015 overview of policy-related data



Estonia 

April 2016



The Environmental Noise Directive (END) requires EU Member States to assess exposure to noise from key transport and industrial sources with two initial reporting phases: 2007 and 2012. Where the recommended thresholds for day and night indicators are exceeded, action plans are to be implemented. This country fact sheet presents key statistics related to END assessments as reported to EEA by 30th June 2015 for the two key END indicators: L_{den} (day evening and night exposure) and L_{night} (night time exposure). Where possible this is presented for second round assessments reported in 2012. Trends are presented as the change in exposure from 2007 to 2012, for comparable sources only.



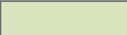
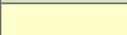
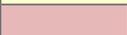
ESTONIA

Noise sources covered by this assessment		Trends on noise exposure 2007 - 2012																																													
	END noise sources	<p>Trends on noise exposure show, for both implementation rounds:</p> <ul style="list-style-type: none"> - For agglomerations: the relative value of people exposed to more than 55 dB L_{den} and to more than 50 dB L_{night} due to different noise sources (values are expressed in %). - For major airports: total number of people exposed to more than 55 dB L_{den} and to more than 50 dB L_{night} (values are expressed in real numbers). <p>Major airports:</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">L_{den}</th> <th colspan="2">L_{night}</th> </tr> <tr> <th>First round</th> <th>Second round</th> <th>First round</th> <th>Second round</th> </tr> </thead> <tbody> <tr> <td>No major airports > 50 000 mov/year</td> <td>N/D</td> <td>N/D</td> <td>N/D</td> <td>N/D</td> </tr> </tbody> </table> <p>Agglomerations:</p> <table border="1"> <thead> <tr> <th rowspan="2">Airports (values in %)</th> <th colspan="2">L_{den}</th> <th colspan="2">L_{night}</th> </tr> <tr> <th>First round</th> <th>Second round</th> <th>First round</th> <th>Second round</th> </tr> </thead> <tbody> <tr> <td>Tallinn</td> <td>0.3</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> </tr> </tbody> </table> <p>Industry</p> <table border="1"> <thead> <tr> <th rowspan="2">(values in %)</th> <th colspan="2">L_{den}</th> <th colspan="2">L_{night}</th> </tr> <tr> <th>First round</th> <th>Second round</th> <th>First round</th> <th>Second round</th> </tr> </thead> <tbody> <tr> <td>Tallinn</td> <td>1.05</td> <td>2.14</td> <td>0.00</td> <td>1.50</td> </tr> </tbody> </table>					L_{den}		L_{night}		First round	Second round	First round	Second round	No major airports > 50 000 mov/year	N/D	N/D	N/D	N/D	Airports (values in %)	L_{den}		L_{night}		First round	Second round	First round	Second round	Tallinn	0.3	0.0	0.0	0.0	(values in %)	L_{den}		L_{night}		First round	Second round	First round	Second round	Tallinn	1.05	2.14	0.00	1.50
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Tallinn	1.05	2.14	0.00	1.50																																											
Number of agglomerations	2																																														
Major roads	242 km																																														
Major railways	27 km																																														
Number of major airports	1																																														
Name of major airports	Tallinn Airport																																														
Name of agglomerations and number of inhabitants	Tallinn 401140 Tartu 108600																																														

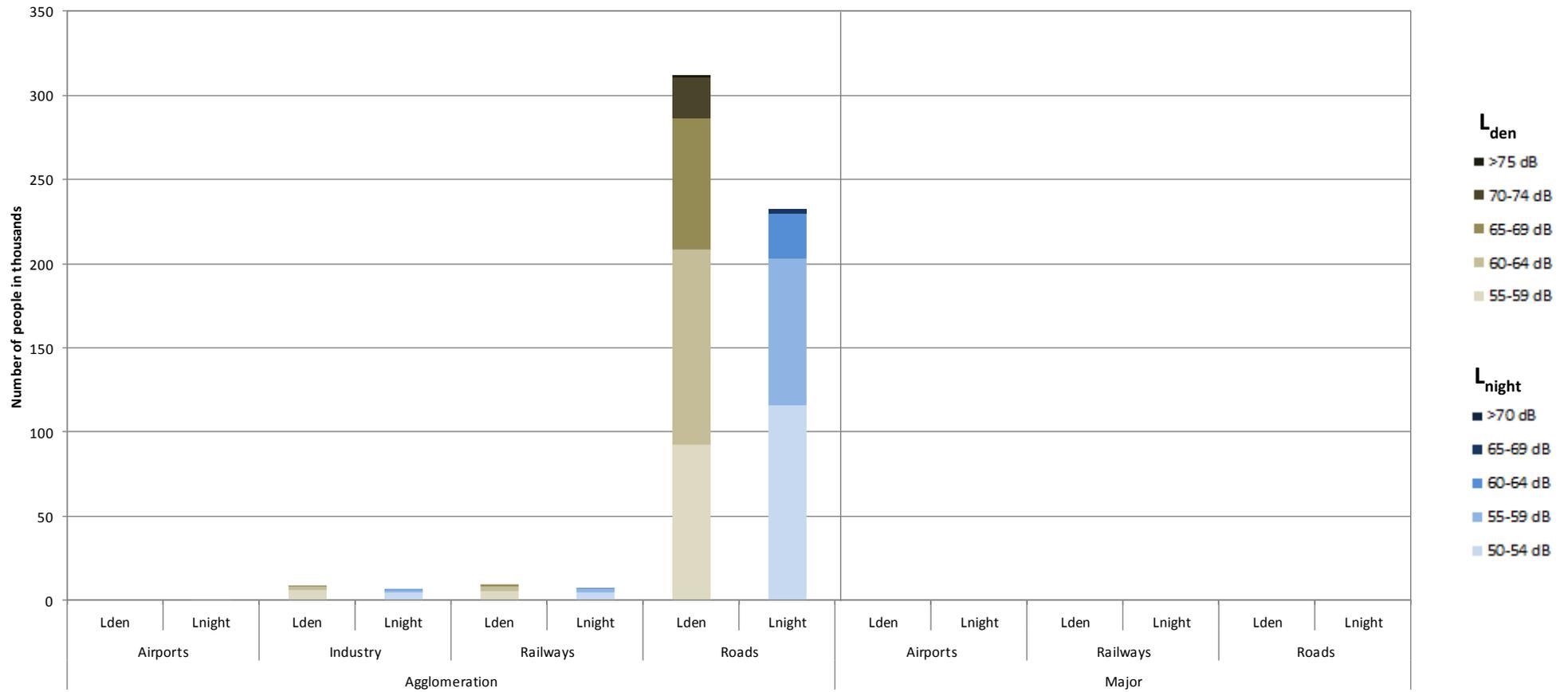
Railways (values in %)	L _{den}		L _{night}	
	First round	Second round	First round	Second round
Tallinn	5.5	1.5	4.4	1.1

Roads (values in %)	L _{den}		L _{night}	
	First round	Second round	First round	Second round
Tallinn	19	68	9	51

N/D: Data not provided or unsuitable for deriving trends (e.g. data reported for only one round)

	Decrease in population exposed
	No change
	Increase in population exposed

Number of people exposed to different noise bands per L_{den} and L_{night} (2012)



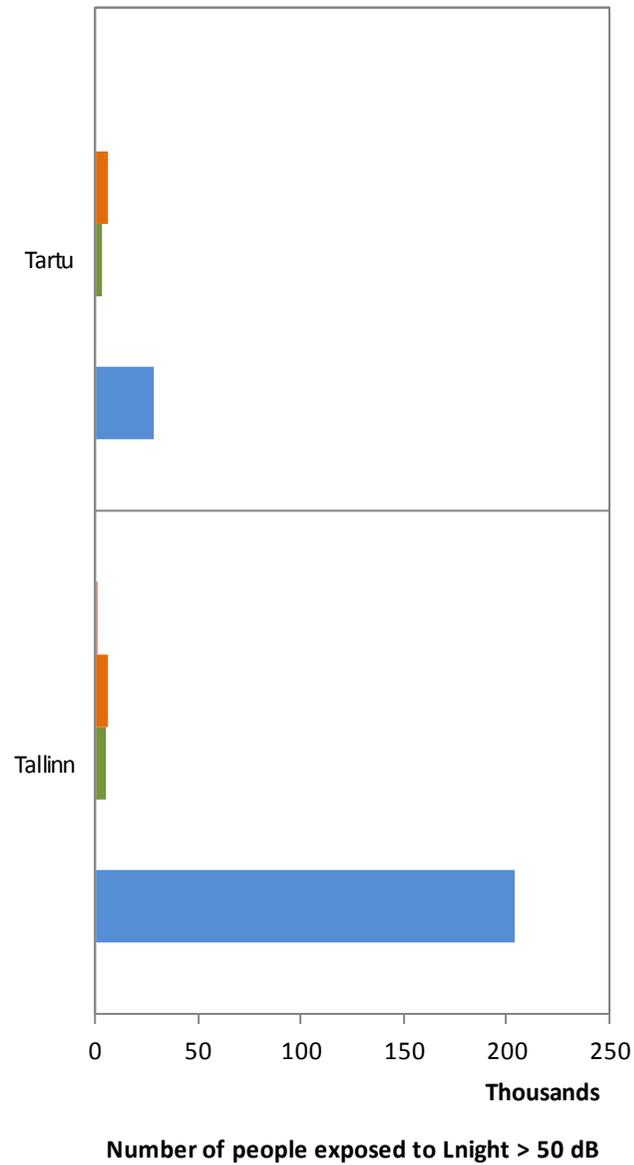
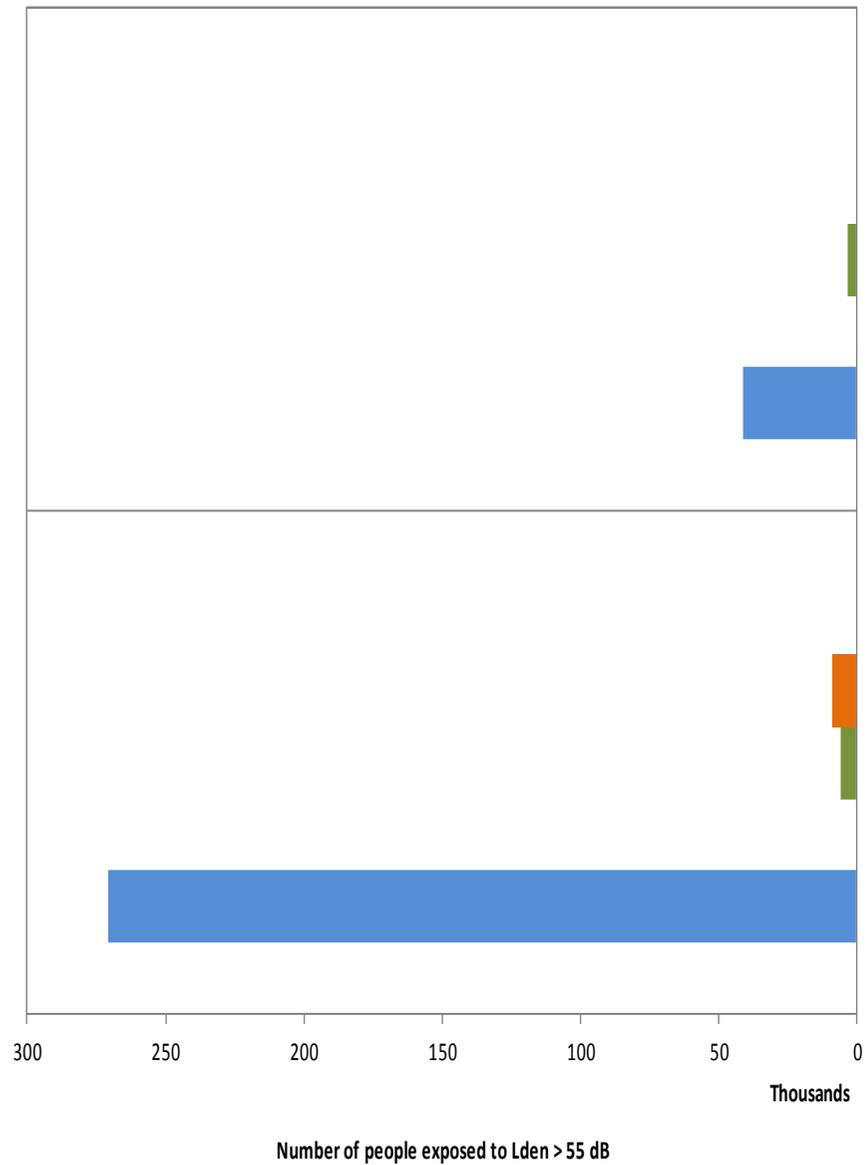
Data not provided in 1 agglomeration for aircraft noise.
 Data not provided for major airports, major roads or major railways.

Data relating to END mandatory noise contour maps (2012)

	Major roads	Major railways	Major airports
Country area (km ²)	45932.17	45932.17	45932.17
Km of noise sources	N/D	26.90	N/A
Area of contour map in the 55-65 dB L _{den} band (in km ²)	N/D	N/D	N/D
Share of area of contour map in the 55-65 dB L _{den} band per km of noise source reported	N/D	N/D	N/D
Percentage of the country area occupied by contour maps in the 55-65 dB L _{den} band (in %)	N/D	N/D	N/D
Area of contour map with more than 65 dB L _{den} (in km ²)	N/D	N/D	N/D
Share of area of contour map with more than 65 dB L _{den} per km of noise source reported	N/D	N/D	N/D
Percentage of the country area occupied by contour maps with more than 65 dB L _{den} (in %)	N/D	N/D	N/D

*N/A: Not applicable. N/D: No data in suitable format to perform the spatial analysis

Total number of people exposed to noise inside agglomerations (2012)



Total number of people exposed to noise from major airports outside agglomerations (2012)

Data not provided.

For further information please consult the full Noise in Europe report at www.eea.europa.eu/themes/noise or visit the Noise Observation & Information Service for Europe at <http://noise.eionet.europa.eu/>.