Noise in Europe

2015 overview of policy-related data



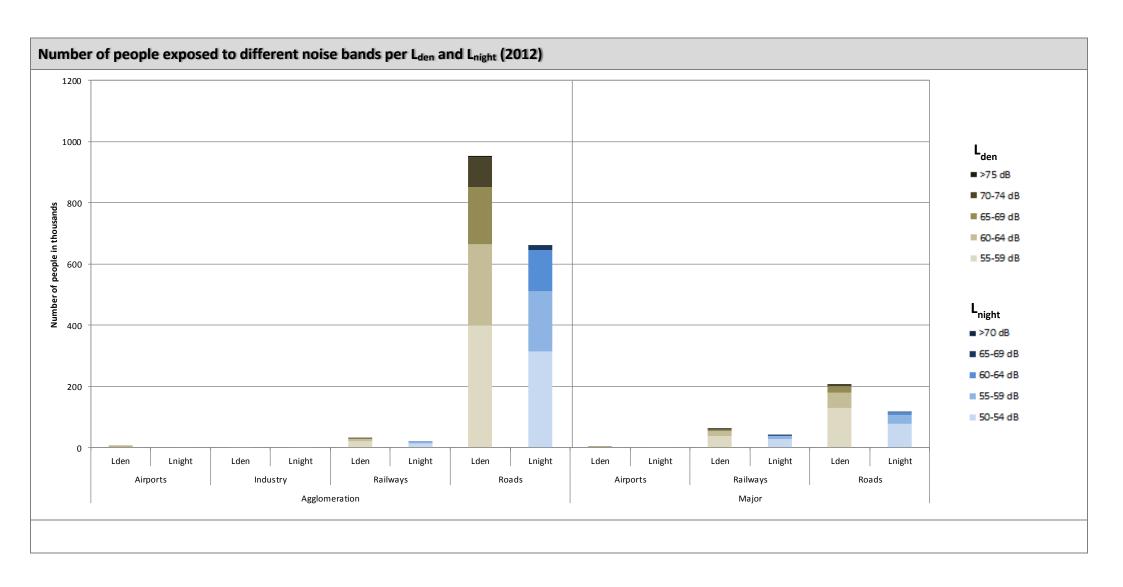
The Environmental Noise Directive (END) requires EU Member States to assess exposure to noise from key transport and industrial sources with two initial reporting phases: 2007 and 2012. Where the recommended thresholds for day and night indicators are exceeded, action plans are to be implemented. This 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.



DENMARK

Noise sources covered by	y this assessment	Trends on noise exp	osure 2007 - 2012				
	END noise sources	Trends on noise expos	ure show for both im	olementation rounds			
Number of agglomerations	4	- For agglomeration		of people exposed to mo	ore than 55 dB L _{den} and t	to more than 50 dB L _{nigh}	
Major roads*	1043 km	- For major airports are expressed in r		ole exposed to more tha	n 55 dB L _{den} and to more	e than 50 dB L _{night} (value	
Major railways	894 km						
Number of major airports		Major airports:					
	3		L _d			ight	
			First round	Second round	First round	Second round	
Name of major airports	Billund Airport	Billund Airport	100	100	0	0	
	Copenhagen Airport	Roskilde Airport	100	0	0	0	
	Roskilde Airport	Copenhagen Airport	600	600	500	500	
Name of agglomerations and number of inhabitants	Aalborg 112000 Aarhus 229000	Agglomerations:					
	Copenhagen 1163000	Airports	L _{de}	L _{den}		L _{night}	
	Odense 180000	(values in %)	First round	Second round	First round	Second round	
		Copenhagen	0	0	0	0	
* Length 2005: includes only major ro	ads > 6 million vehicles/year						
		Industry	L _{den} L _{night}				
		(values in %)	First round Second round		First round	Second round	
		Copenhagen	0	0	0	0	

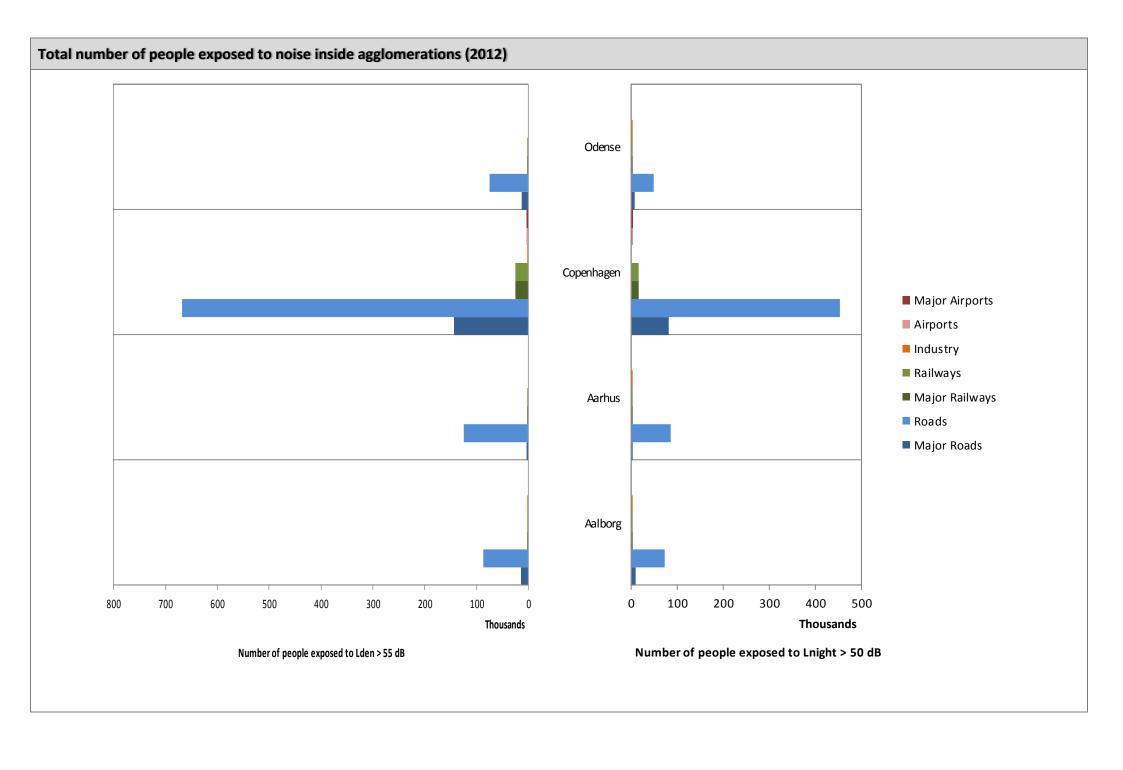
Copenhagen 2.8 2.2 1.8 1.3 Roads L _{den} L _{night}	Railways	Railways L _{den}			L _{night}
Roads L _{den} L _{night} (values in %) First round Second round First round Second roun Copenhagen 59 57 46 39 N/D: Data not provided or unsuitable for deriving trends (e.g. data reported for only one round) Decrease in population exposed No change	(values in %)	First round	Second round	First round	Second rour
(values in %) First round Second round First round Second round Copenhagen 59 57 46 39 N/D: Data not provided or unsuitable for deriving trends (e.g. data reported for only one round) Decrease in population exposed No change	Copenhagen	2.8	2.2	1.8	1.3
Copenhagen 59 57 46 39 N/D: Data not provided or unsuitable for deriving trends (e.g. data reported for only one round) Decrease in population exposed No change	Roads		L _{den}		L _{night}
N/D: Data not provided or unsuitable for deriving trends (e.g. data reported for only one round) Decrease in population exposed No change	(values in %)	First round	Second round	First round	Second round
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No change					39
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Increase in population exposed	N/D: Data not pro	ovided or unsuitable for de Decrease in population exp	eriving trends (e.g. data reported		39
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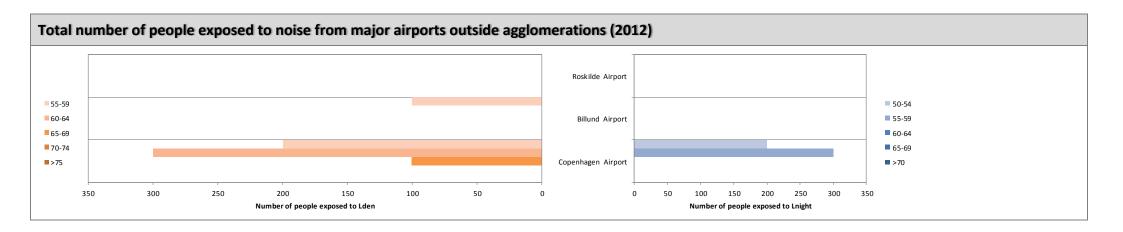


Data relating to END mandatory noise contour maps (2012)

	Major roads	Major railways	Major airports
Country area (km²)		42710.25	42710.25
Km of noise sources	1043.00	894.00	N/A
Area of contour map in the 55-65 dB L _{den} band (in km²)	1285.41	286.46	42.23
Share of area of contour map in the 55-65 dB L _{den} band per km of noise source reported	1.23	0.32	N/D
Percentage of the country area occupied by contour maps in the 55-65 dB L _{den} band (in %)	3.01	0.67	0.01
Area of contour map with more than 65 dB L _{den} (in km ²)	390.91	88.11	15.07
Share of area of contour map with more than 65 dB L _{den} per km of noise source reported	0.37	0.10	N/A
Percentage of the country area occupied by contour maps with more than 65 dB L _{den} (in %)	0.92	0.21	0.03

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





For futher 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/themes/noise or visit the Noise Observation & Information Service for Europe at http://noise.eionet.europa.eu/themes/noise or visit the Noise Observation & Information Service for Europe at http://noise.eionet.europa.eu/themes/noise or visit the Noise Observation & Information Service for Europe at http://noise.eionet.europa.eu/themes/noise or visit the Noise Observation & Information Service for Europe at http://noise.eionet.europa.eu/themes/noise or visit the Noise Observation & Information Service for Europe at http://noise.eionet.europa.eu/themes/noise or visit the Noise Observation & Information Service for Europe at http://noise.eionet.europa.eu/themes/noise or visit the Noise Observation & Information Service for Europe at <a href="http://noise.europa.eu