

Final report on the case study regarding risk factors for cardiovascular and psychological disease caused by airplane noise at night in the areas surrounding Köln-Bonn Airport.

Table 4. Rise in illnesses' risk for men and women, starting at age 40 and who are lacking the financial means to afford soundproofing measures towards noise from the airport.

Illness	Day 60 dB(A) • dB(A) are "A weighted decibels" –relative loudness as perceived by the human ear		Night 53 dB(A)		Night 55 dB(A)	
	Men	Women	Men	Women	Men	Women
Complete Heart and cardiovascular diseases	69%	93%	37%	101%	43%	115%
Stroke	Insufficient data	172%	58 %	122%	66%	139%
Coronary heart disease	61%	80%	32%	96%	37%	110%

This table can be found on page 23 of the report. Translation by Adriana Poole, 10/23/2015, Belmont, MA. Note: U.S. studies indicate a 100% risk increase for all of the above mentioned diseases due to smoking. This data shows that air plane noise is more harmful to humans than cigarette smoking.