

Table 1. Population exposed to night-time aircraft noise (22 p.m. – 6 a.m.)

Night-time aircraft noise (Leq)	Males	Females
No aircraft noise	384.721	444.044
40-44	37.520	42.036
45-49	40.832	45.295
50-54	14.050	15.859
55+	4.041	4.467

Table 2. Prevalence of prescriptions and defined daily doses per person year of antihypertensive and cardiovascular drugs

Age group	Population	Males				Population	Females			
		Antihypertensive drugs [§]		Cardiac drugs*			Antihypertensive drugs [§]		Cardiac drugs*	
		Prevalence	DDD/ person year	Prevalence	DDD/ person year		Prevalence	DDD/ person year	Prevalence	DDD/ person year
<10	51.760	0.26	0.2	0.34	0.1	48.782	0.19	0.1	0.27	0.1
10-19	55.472	0.65	0.4	0.85	0.3	53.101	0.84	0.4	2.12	0.5
20-29	69.685	2.28	2.3	0.83	0.8	75.987	2.84	2.1	2.22	1.0
30-39	76.508	5.62	9.6	2.54	3.8	81.747	6.27	7.3	3.08	2.5
40-49	73.359	13.71	35.4	8.35	18.5	81.148	14.77	29.0	6.99	11.0
50-59	53.137	31.81	111.5	21.97	65.3	61.927	32.84	91.7	18.51	41.9
60-69	56.083	50.36	209.3	37.99	130.6	65.646	50.48	183.9	34.97	103.8
70-79	31.828	64.54	268.8	50.82	180.6	44.851	68.36	283.8	50.67	164.3
80 +	13.332	68.56	286.7	54.34	201.3	38.512	73.10	329.4	55.06	189.7
Total	481.164	18.97	69.8	13.65	43.5	551.701	23.95	83.9	16.22	45.8

* Cardiac drugs: ATC-Codes C01, C08, C09, C10

§ Antihypertensive drugs: ATC-Codes C02, C03, C04, C07

Table 3. Characteristics of confounding factors

Confounder	Median	Range
Prevalence of social security recipients (%) of community quarter	4.3	0 – 66.7
Density of nursing home beds / population, aged 65 +, (‰) of community quarter	9.8	0 – 162.2
Night-time road traffic noise (dB(A))	41	< 35 – 79*
Night-time rail traffic noise (dB(A))	48	< 35 – 81*

* Road and rail traffic noise were calculated from 35 dB(A) upwards.

Figure 1. Prescription of antihypertensive drugs (as defined daily doses per person year (DDD/py)) by genders and age group and night-time aircraft noise (Leq_{night})

Prescription of antihypertensive drugs and night-time aircraft noise

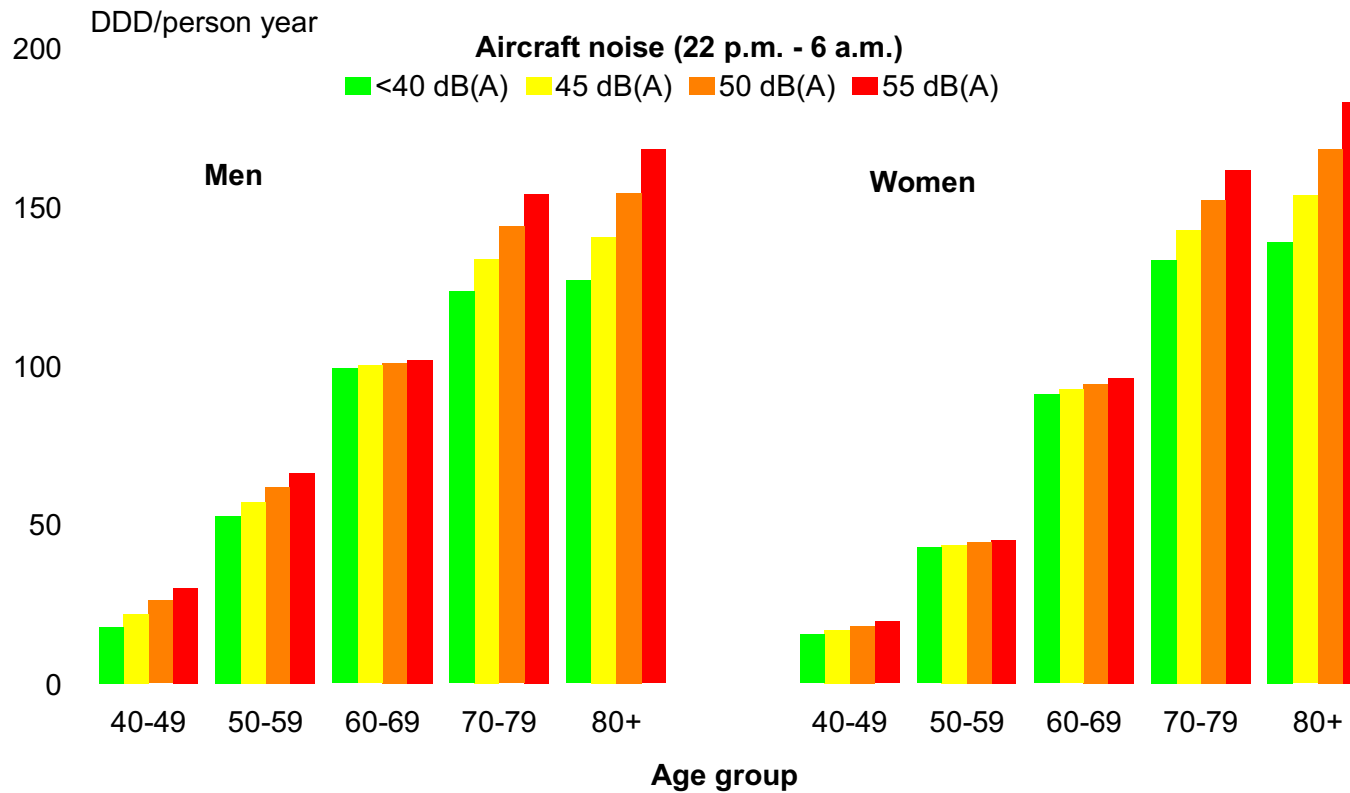


Figure 3. Prescription of cardiovascular drugs (as defined daily doses per person year (DDD/py)) by genders and age group and night-time aircraft noise (Leq_{night})

Prescription of cardiovascular drugs and night-time aircraft noise

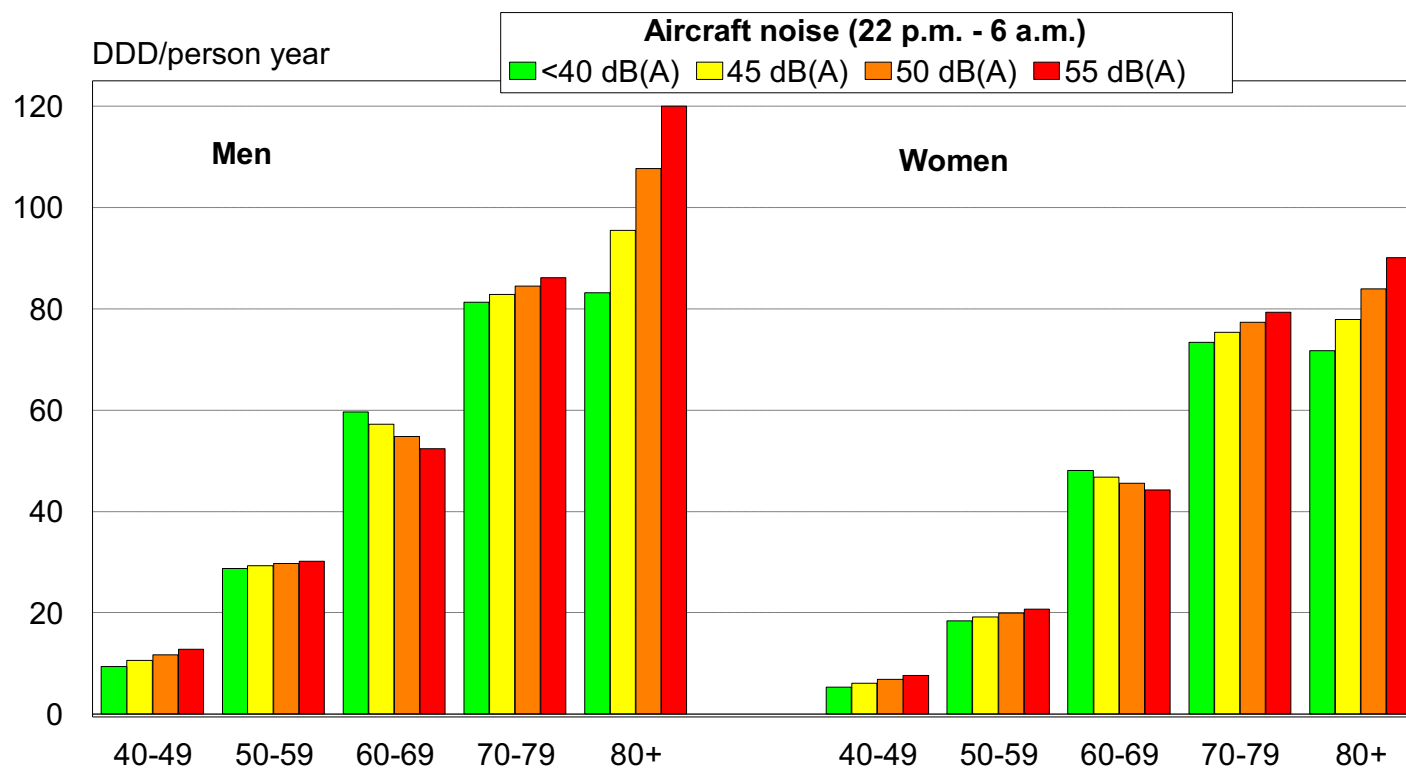


Figure 2. Prescription of antihypertensive drugs (as defined daily doses per person year (DDD/py)) by genders and age group and night-time aircraft noise during 3-5 a.m.

Prescription of antihypertensive drugs and night-time aircraft noise

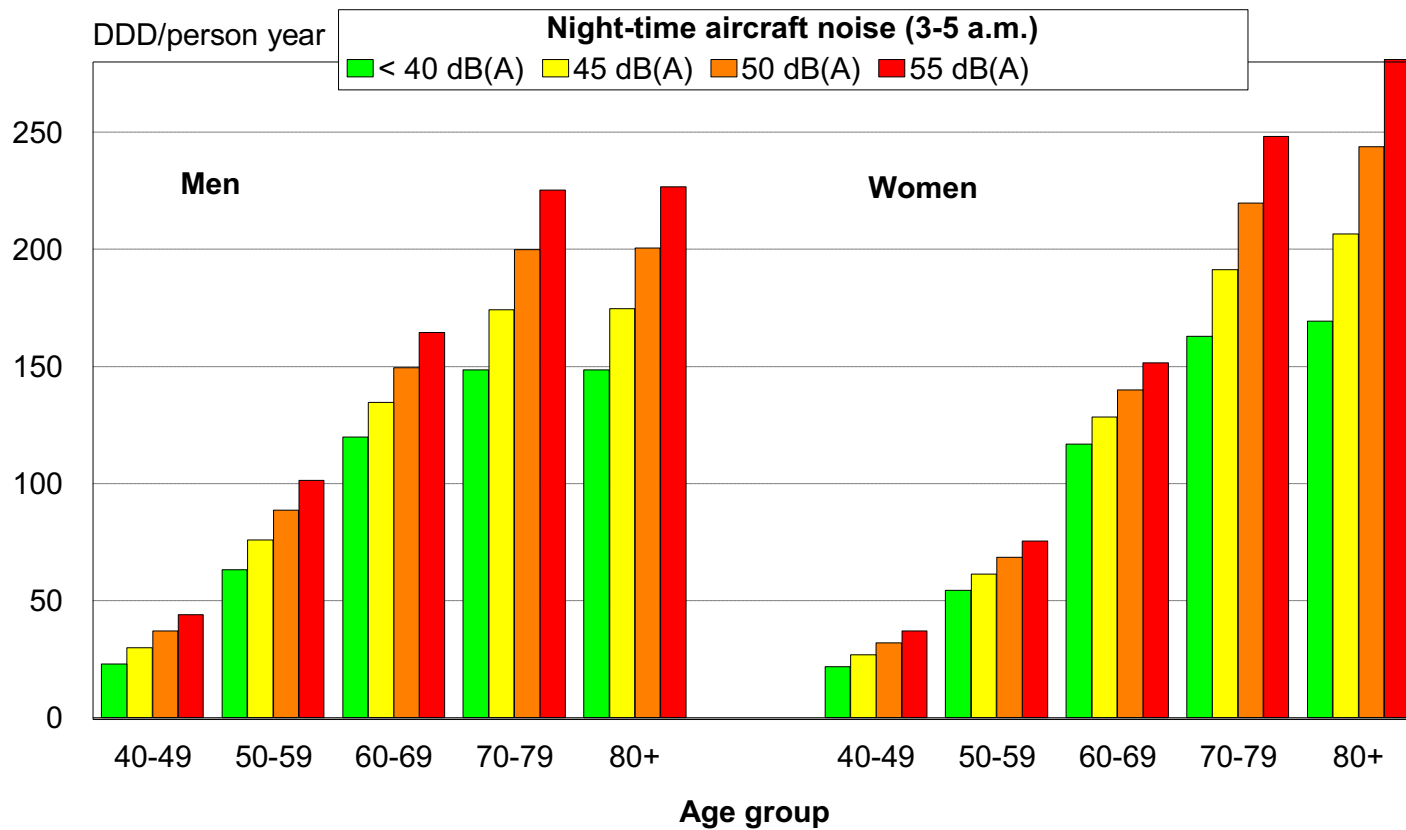


Figure 4. Prescription of cardiovascular drugs (as defined daily doses (DDD/py)) by genders and age group during 3-5 a.m.

Prescription of cardiovascular drugs and night-time aircraft noise

