

## Housing Health and Safety Rating System Case Study – Noise

**(6 storey Georgian bedsit HMO ) – Vulnerable Group – There is no age group more vulnerable than others.**

Photograph	Primary	Compounding/Ameliorating factors	Notes
	<p>Tenant below complaining about noise from bedsit above i.e. radio/TV etc.</p> <p>There is no evidence of any Inadequate sound insulation between the bedsits</p> <p>Noise from traffic on a busy main road – single glazed sash windows</p>		

### **The ‘average’ situation obtained from the Guidance**

**Average** likelihood of an occurrence in next 12 months is 1: 620

Converted to Representative Scale Point (RSP) this is 1: 560

**Average range of harm outcomes is:**

	Class 1	Class 2	Class 3	Class 4
Guidance	0.0	1.0	9.0	90.0
RSP	0.0	1.0	10	89.0

**Average Score and Band: 7 (J)**

**IN THIS CASE**

Likelihood converted to representative scale point is: 1/ 6

**Justification for adjusting likelihood:**

Likelihood will increase substantially because of the inadequate insulation between the bedsits and the proximity of busy main road. Research suggests that noise intrusion can lead to stress and mental health

Range of harm outcomes is:

	Class 1	Class 2	Class 3	Class 4
RSP	0.0	1.0	10	89.0

**Justification for adjusting range of harm outcomes:**

There is no reason to alter the spread of harm outcomes

Hazard score for this case:

Class 1	10,000	X	1/ 6	x	0.0	=	0.0
Class 2	1,000	X	1/ 6	x	1.0	=	166.7
Class 3	300	X	1/ 6	x	10.0	=	500.0
Class 4	10	X	1/ 6	x	89.0	=	148.3
<b>Total score</b>						=	<b>815.0</b>
<b>Band</b>						=	<b>D</b>