Crowding & Space

HHSRS Operating Guidance: Feb 2006

Vulnerable age	No specific Age Group		**Multiple locations**	Yes	**No**
Related hazards	None		**Secondary hazards**	Yes	**No**



Floor Plans: Ground Floor (left) and First Floor (right)

DESCRIPTION OF HAZARDS **Dwelling**: Mid terraced house, circa 1915

Background: This is a mid terraced, two storey house comprising two reception rooms, WC and a kitchen on the ground floor and three bedrooms and a bathroom on the first floor. There is a typically sized, enclosed rear garden and front yard. The bedrooms have a floor area of 14m2, 10m2 and 7.5m2 respectively. The principal reception room has a floor area of around 14m2 with the second (rear-most) room having a floor area of around 10m2. The kitchen is of a reasonable size although too small to also be able to eat in. Overall, the house is in a good state of repair with modern facilities and amenities. All internal doors are good-fitting un-glazed panel doors and there is a privacy lock to the bathroom door. The house is occupied by an adult couple (who sleep in the smaller reception room on the ground floor) and their five children, three boys and two girls. The boys are aged 14, 11 and 9 and the girls are 5 and 1. The girls share the middle sized bedroom, the middle and youngest boys share the largest bedroom and the oldest boy sleeps in the smallest bedroom.

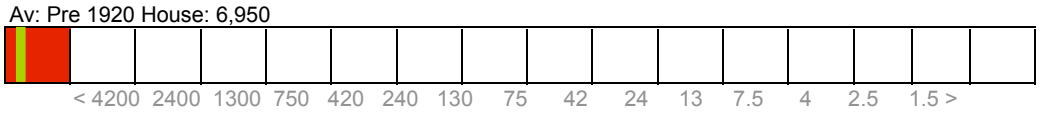
LIST OF RELEVANT MATTERS

LIKELIHOOD & OUTCOMES

a	Living area	2	*j*	Recreational space	-
b	Kitchen area	-			
c	Personal washing area	-			
d	Washing area door	-	**Key**	3	Seriously defective
e	Sanitary accommodation	-		2	Defective
f	Sanitary accommodation door	-		1	Not satisfactory
g	Number of bedrooms	2		-	Satisfactory/NA
h	Bedroom size	-			
I	Bedroom location	-			

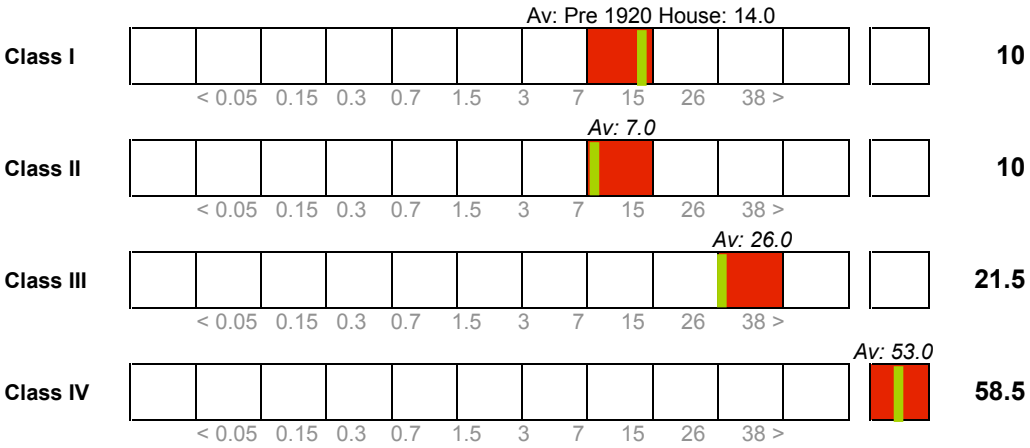
HEALTH AND SAFETY RATING SYSTEM SCORES

LIKELIHOOD Low → High **1 in 5,600**



Justification
As for all hazards, the current occupation is disregarded in the HHSRS assessment. The dwelling provides adequate sleeping, living and recreational space for up to five persons (irrespective of age and sex). Although the Operating Guidance suggests a three bedroom dwelling may be suitable for up to six persons the small bedroom is only suitable for one person. Nevertheless on this basis, the dwelling is satisfactory. However, there is a mis-match between the current occupying household and the house - on which see below.

OUTCOMES **%**



Justification
There is no reason to vary the outcomes from the average.



Score: 20

RATING SCORES TAKING ACCOUNT OF CURRENT OCCUPANTS

IMPROVE **Likelihood to** 1 in 180 **Outcomes to** 10.0 | 10.0 | 21.5 | 58.5 %

Justification
Unlike other hazards, with Crowding and Space the severity of the risk will depend on the number of current occupants in the dwelling and the space available. In this case, the household comprises seven persons and this dwelling is suitable for occupation by five persons. There is a lack of recreational space for the children. This increases the likelihood of a harmful occurrence, but not the spread of health outcomes. It should be noted that this likelihood would have been greater had the female children been older and attained the age of 10 in the next 12 months.



Score: 650

Av: Nos	*Average likelihood and health outcomes for persons of all ages, 1997-1999.*