Crowding and Space

HHSRS VERSION 2

Vulnerable age All ages of person
Related hazards None

Multiple locations Yes **No**
Secondary hazards Yes **No**

DESCRIPTION OF HAZARDS

Dwelling: Three storey, mid terrace house built in the 1970s



Entrance Elevation of the dwelling

Background:

On the ground floor there is an integral garage, kitchen and toilet. The first floor consists of one large reception room and a bedroom. On the second floor there are a further two bedrooms and a family bathroom. The property is in a good state of repair and well decorated. The bedrooms are of a typical size for this type of town-house and there is an enclosed garden. The accommodation is accessed from the rear.

Occupying Household:

The current household comprises of a single mother and her seven children: four boys aged 18, 10, 9 and 3 and three girls aged 18, 12 and 7.

LIST OF RELEVANT MATTERS

LIKELIHOOD & OUTCOMES

a	Living area	1
b	Kitchen area	-
c	Personal washing area	1
d	Washing area door	-
e	Sanitary accommodation	-
f	Sanitary accommodation door	-
g	Number of bedrooms	3
h	Bedroom size	1
i	Bedroom location	-
j	Recreational space	-

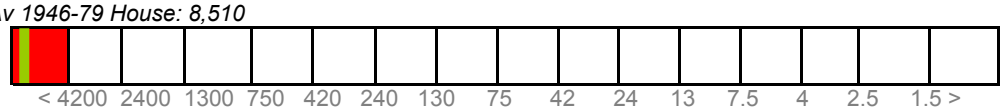
Key

3	Seriously defective
2	Defective
1	Not satisfactory
-	Satisfactory/NA

HEALTH AND SAFETY RATING SYSTEM SCORES

LIKELIHOOD Low ⟶ High **1 in 5600**

Av 1946-79 House: 8,510



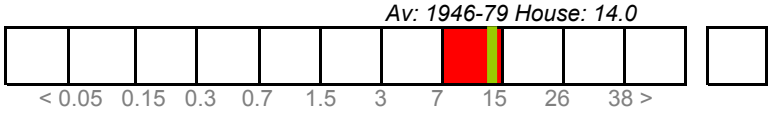
Justification

The dwelling provides adequate space for sleeping, living and recreation for up to five persons (regardless of age). As the current occupying household is disregarded initially in the HHSRS assessment of the dwelling, the likelihood will be the average for properties of this age and type.

OUTCOMES **%**

Av: 1946-79 House: 14.0

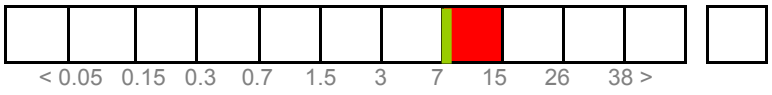
Class I



10

Av: 7.0

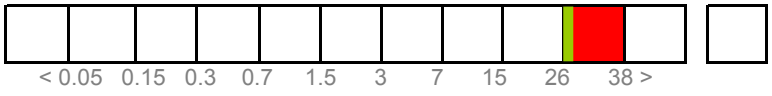
Class II



10

Av: 26.0

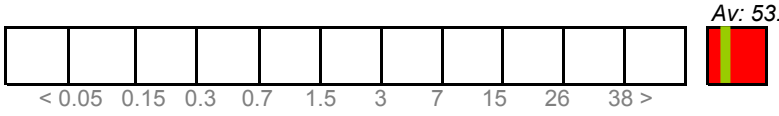
Class III



31.6

Av: 53.0

Class IV



48.4

Justification

Again, as the current occupying household is disregarded, there is no reason to change the outcomes from the national average.

Av. 1946-79 House: 18

RATING



Score: 21

RATING SCORES TAKING ACCOUNT OF CURRENT OCCUPANTS

IMPROVE **Likelihood to** 1 in 100 **Outcomes to** 10.0 | 10.0 | 31.6 | 48.4 %

Justification

Unlike other hazards, with Crowding and Space, the severity of risk will depend on the number of current occupants in the dwelling and the space available. The dwelling would be regarded as suitable for occupation by up to five persons (regardless of age). In this case there are eight occupants, and an obvious mismatch between the dwelling and the occupying household. Satisfactory sleeping arrangements are not possible, and there will be problems in locating private or study space for the school aged children all leading to stress. This increases the likelihood of a harmful occurrence. There is nothing to indicate that the spread of harm outcomes would differ from the averages.

Av: 18

NEW RATING



Score: 1,199

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

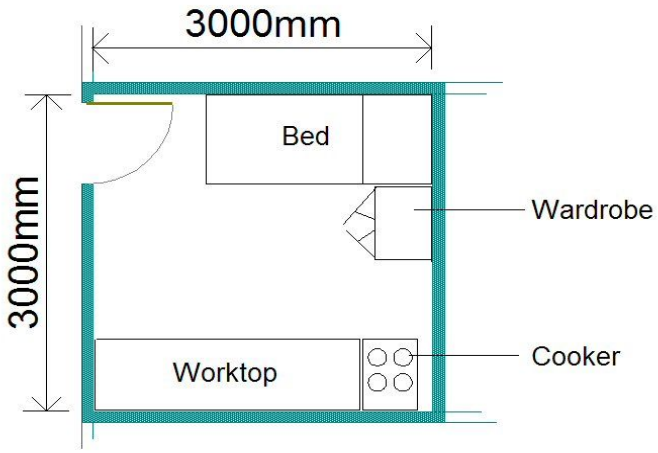
Crowding and Space

HHSRS

Vulnerable age	All ages of person	**Multiple locations**	Yes **No**
Related hazards	Food Safety	**Secondary hazards**	Yes **No**

DESCRIPTION OF HAZARDS

Dwelling: Ground floor rear bedsit in a two storey property, originally built circa 1915



Floor Plan and layout

Background:
This two storey property has been converted to eight bedsits, with two shared bathrooms, one on each floor, each containing a shower, WC and basin. There is no shared lounge, dining room or kitchen in the property. There is a small front yard area to the property and a small back garden which is mainly concrete.

This dwelling, the rear bed-sitting room on the ground floor, measures 9 metres square in floor area and contains a full sized cooker, 2300mm of worktop including an inset sink with hot and cold water and two 1000mm wide base units under the worktop and including the sink base unit. The room is intended for use as a bedroom/living space and kitchen.

Occupying Household - The dwelling is occupied by a single adult.

LIST OF RELEVANT MATTERS

LIKELIHOOD & OUTCOMES

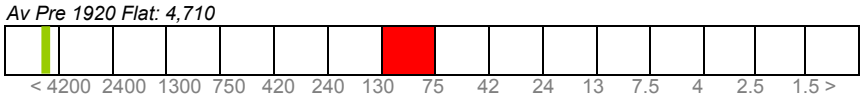
a	Living area	3
b	Kitchen area	3
c	Personal washing area	-
d	Washing area door	-
e	Sanitary accommodation	-
f	Sanitary accommodation door	-
g	Number of bedrooms	-
h	Bedroom size	3
i	Bedroom location	-
j	Recreational space	1

Key

3	Seriously defective
2	Defective
1	Not satisfactory
-	Satisfactory/NA

HEALTH AND SAFETY RATING SYSTEM SCORES

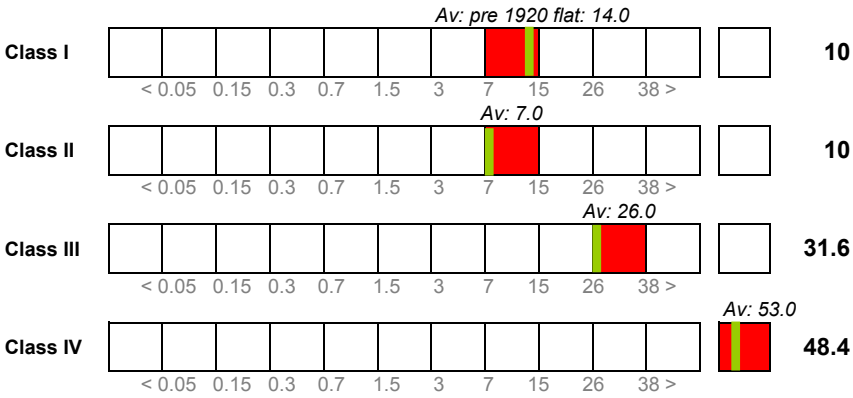
LIKELIHOOD Low → High **1 in 100**



Justification

Even ignoring the current occupation, this dwelling is small and cramped accommodation. Available space is much less than the nominal 9sq m when the kitchen facilities are taken into account. There is little space available to the occupant to allow for normal household activities and little room for belongings and personal effects to be stored safely, and no communal space (such as a lounge). The likelihood of an occurrence is judged to be significantly greater than the average.

OUTCOMES **%**



Justification

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



RATING SCORES TAKING ACCOUNT OF CURRENT OCCUPANTS

IMPROVE **Likelihood to** 1 in 100 **Outcomes to** 10.0 | 10.0 | 31.6 | 48.4 %

Justification

Normally, assessing for Crowding and Space is dependant on the current occupants. However in this case, the dwelling is already assessed as Band C and taking account of the current occupation is not necessary (and would not affected the assessment).



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