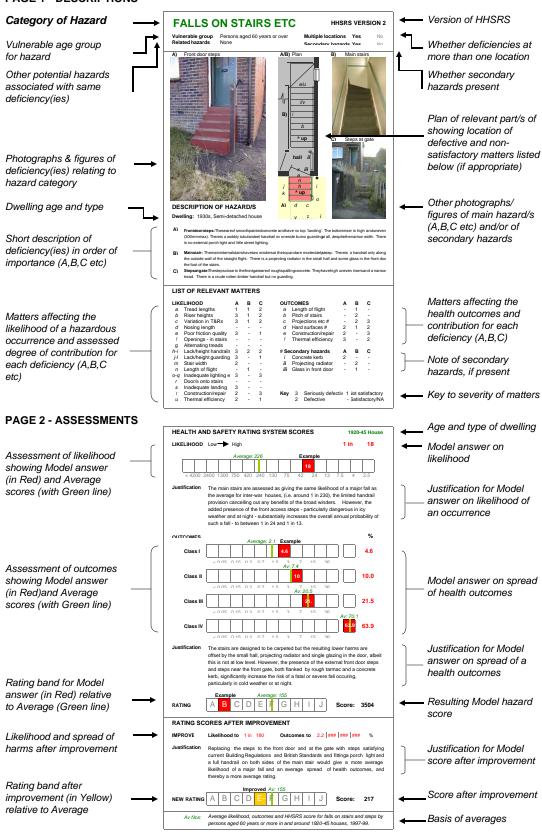
LAYOUT AND CONTENT OF TYPICAL WORKED EXAMPLE

PAGE 1 - DESCRIPTIONS

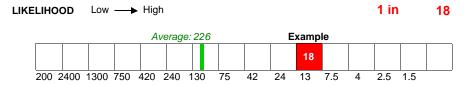


EXPLANATION OF WORKED EXAMPLES

Each Worked Example consists of two pages. The front page illustrates and describes the dwelling, gives details of the deficiency(ies) relevant to the particular Hazard under assessment, and lists the relevant matters contributing to the that Hazard. The back page shows the stages in the assessment using the HHSRS. Based on the information on the front page, the likelihood of an occurrence is judged, then the spread of heath outcomes, to give the resulting HHSRS Rating. Justification for the chosen likelihood and outcomes are given. Finally, the Hazard is re-scored based on the condition after suggested improvements.

The Average and Model Likelihoods

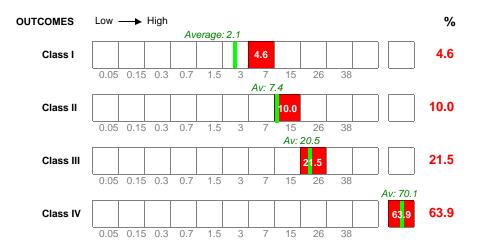
For each hazard (e.g. falls on stairs and steps), the Worked Examples show the average likelihood of an occurrence to the vulnerable age group in all dwellings of the same age and type as the example dwelling (eg, 1920-45 houses). The approximate position of this average on the likelihood scale is shown by a solid green line and the average likelihood value (eg, 1 in 226) is given above that line, as shown below.



The Model answer is shown in red. This is the range of risk (eg, 1 in 24 to 1 in 13) judged to be appropriate to the particular conditions described. The Representative Scale Point, used in calculating the HHSRS Score, for that range is shown in white, and is also shown in red at the top right of the likelihood scale.

The Average and Model Outcomes

The Worked Examples show the average % chance of an occurrence resulting in each Class of Harm, again for all dwellings of the same age and type as the example. As for the Likelihood, the approximate position of these averages is shown by a solid green line, and the respective average percentage given above each of the lines.



The Model harm outcomes are again shown in red, indicating the percentage ranges for Classes I to II (eg, 3%-7%, 7%-15%, and 15%-16% respectively) judged to be appropriate to the particular conditions described. The Representative Scale Points, used in the calculation, for each range is shown in white, and is also shown in red to the right of the scales.

The Average and Model HHSRS Rating

Using the Representative Scale Points for the chosen Likelihood and Oucomes ranges (red figures above), the HHSRS score (eg, 3504) is calculated using the prescribed formula. In which of the ten Rating Bands this score falls is shown in on the rating scale. This is the Model HHSRS Rating for the particular Worked Example. For comparison, the average Rating for all dwellings of the same type and age is also given (calculated from the average Likelihood and Outcomes - ie, those shown in green). Where this falls on the rating scale is also shown (with a green line) and

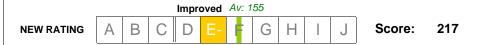


Rating Scores after Improvement

Each Worked Example concludes by repeating the scoring procedure for the assessment of the condition following the suggested works to deal with the hazard. Again the Model scores for the likelihood and outcomes are given but in an

IMPROVE Likelihood to 1 in 180 Outcomes to 2.2 10.0 21.5 66.3 %

After the justification for these scores, the new HHSRS score and rating is illustrated in a similar format as before. The final score (e.g. 217) is provided and the equivalent rating band shown (in Yellow) on the rating band. Again, the average rating for all dwellings of the same type and age, is provided where possible.



NB - For the Hazard of Crowding and Space, which is related to a mis-match between the household size and the dwelling, the Worked Example concludes by repeating the HHSRS scoring after considering the number

Basis of Averages

For each Worked Example, the basis of the averages used is given at the bottom of the back page. The averages given are normally for the same type of dwelling (house or flat) and age of dwelling (pre 1920, 1920-45, 1946-79 or post 1979) as that being assessed. Where the sample of occurrences is too small to provide an accurate spread of harms for particular dwelling types and ages, the averages given relate to all dwellings of that type, or, where samples are particularly small, to all dwellings.

Layout and Content of Typical Example

The following page shows the content and layout of a typical Worked Example.