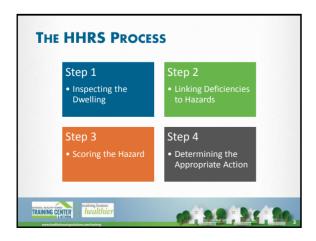
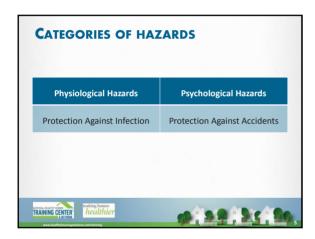


By the end of this module, students will be able to: Describe the purpose of using the HHRS rating system to rate hazards Determine the likelihood and spread of harm outcomes of a hazard Use the HHRS formula to determine the hazard score. Evaluate the severity of the hazard score to prioritize appropriate interventions









Three figures used to generate hazard score: • Likelihood the hazard will harm someone • Possible harm from the hazard • Weighting for each class of harm Inspector considers likelihood and possible harm

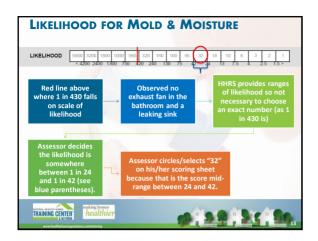
HHRS requires the assessor to make two judgments for each hazard • The likelihood, over the next 12 months, that the hazard could harm a member of the vulnerable group • The potential harm outcomes if there is harm

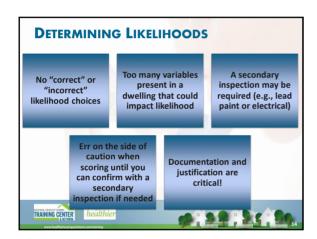
Assessor judges likelihood, over next 12 months, that hazard could harm member of the vulnerable group • Judgment limited to likelihood of hazard causing harm requiring medical attention • Assessor considers deficiencies and whether they will increase or decrease the likelihood of harm

JUDGING LIKELIHOOD							
Assessing likelihood is not determining or predicting that there definitely will harm.							
LIKELIHOOD 5600 3200 1800 1000 560 320 180 100 56 32 18 10 6 3 2 1 1 < 4200 2400 1300 750 420 240 130 75 42 24 13 7.5 4 2.5 1.5 >							
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Assessing likelihood does not mean harm will occur even when likelihood is very high Inspector is not expected to give an exact likelihood ratio, but to select one of the standard HHRS likelihood ranges: • e.g., the range of 1 in 24 to 1 in 42; or the range of 1 in 420 to 1 in 750.

Hazard Profiles give national UK average likelihoods for vulnerable age group. Only assess hazards that presently cause, or are likely to cause harm, over next 12 months. The UK likelihoods are only a reference.







Four degrees of harm are considered based on evidence derived from UK hospital and doctor visit data. • Class I – Extreme • Class II – Severe • Class IV – Moderate

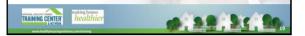
CLASSES OF HARM (HARM OUTCOMES) Examples of Class I: Examples of Class II: Asthma • Permanent paralysis below • Non-malignant respiratory the neck · Malignant lung cancer Lead poisoning • Legionnaires disease • Regular and severe pneumonia Mild stroke · Permanent loss of • Chronic confusion consciousness • Loss of a hand or foot • 80% or more burn injuries · Serious fractures · Loss of consciousness for days

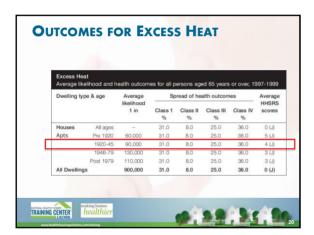
TRAINING CENTER

CLASSES OF HARM (HARM OUTCOMES) Examples of Class III: **Examples of Class IV:** Rhinitis Occasional severe discomfort Hypertension · Occasional mild pneumonia Sleep disturbance · Broken finger · Slight concussion • Gastro-enteritis • Moderate cuts to face or body • Chronic severe stress Mental stress · Loss of a finger • Severe bruising to body · Serious puncture wounds · Regular serious coughs or • Regular and severe migraine TRAINING CENTER

ASSESSING THE OUTCOMES

- When assessing spread of harm, consider:
 - Average spread of harm outcomes for the particular type/age of dwelling
 - Dwelling characteristics and conditions identified may increase or decrease the severity of those outcomes





OUTCOMES FOR EXCESS HEAT

- When scoring, you are considering how the deficiencies contribute to harm in each Class.
- Unless the conditions call for adjusting the

outcomes, they should be accepted as-is.														
• The sum of the classes will total 100%.														
OUTCOMES	Class I	0	0.1	0.2	0.5	1.0	22	4.6	10.0	21.5	31.6	46.4	31.6	Class IV
	Class II	0	0.1	0.2	0.5	1.0	22	4.6	10.0	21.5	31.6	46.4	10	100-(I+II+III)
	Class III	0	0.1	0.2	0.5	1.0	22	4.6	10.0	21.5	31.6	46.4	21.5	36.9
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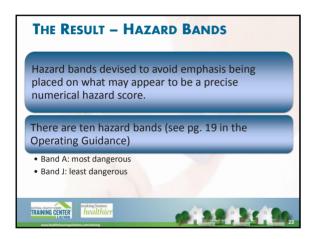
63.8

Hazard Score

35

3.505

Class IV 10





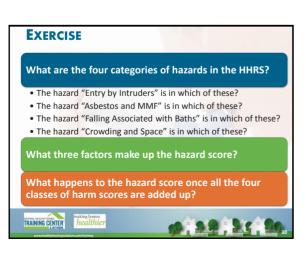


Using the scoring tool, available on HUD's website, and all our knowledge thus far, let's practice: • Determining likelihood and outcomes • Determining the hazard • Determining hazard band









Review	
 Describe the purpose of using the HHRS rating 	
system to rate hazards	
 Explain how to determine the likelihood and spread of harm outcomes of a hazard 	
Use the HHRS formula to determine the hazard score	
Evaluate the severity of the hazard score to prioritize appropriate interventions	
The state of the s	
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