Humber Community Risk Register

May 2024

Humber Local Resilience Forum

CONTENTS PAGE

Humber Community Risk Register **May 2024**

The Humber Local Resilience Forum has produced this Community Risk Register as part of its work to prepare for, respond to and recover from emergencies. It is a fundamental part of the broader drive to make local communities and businesses more resilient to the risks they may encounter. It covers many types of hazard and refers to plans and controls which are in place to eliminate or minimise their effects.

Emergencies are happening somewhere every day. Most are dealt with by the police, fire, and ambulance services as part of their day to day work. However more serious emergencies need to involve other agencies - such as local councils, the Environment Agency, the Maritime and Coastguard Agency, and the National Health Service, amongst others. These agencies work together continuously to plan how to react and manage any major emergency.

Plans are in place to protect people, communities and the environment in a range of situations such as:

- Industrial accidents
- Environmental pollution
- Major transport accidents
- Technical failure, e.g. major loss of power
- Pandemic influenza outbreak
- Flooding
- Severe weather

All plans are regularly reviewed and tested to ensure that they are suitable for purpose when dealing with an emergency.

WHAT IS AN EMERGENCY?

An emergency is defined as:

> "An event or situation which threatens serious damage to human welfare in a place in the UK, the environment of a place in the UK, or a war or terrorism which threatens serious damage to the security of the UK"

(Civil Contingencies Act 2004)

WHAT IS THE HUMBER LOCAL RESILIENCE FORUM?

The Civil Contingencies Act 2004 (the act) requires multi-agency co-operation, working to a common framework to deal with emergencies. The Humber Local Resilience Forum (LRF) provides the principle mechanism by which the organisations involved achieve multi-agency co-operation. The LRF is responsible for providing this service within the Humber region. Each local resilience area is based on the local Police Service area. The LRF is not a statutory body and does not have powers to direct its members; however it is a statutory process as defined in the act.

WHO ATTENDS THE LRF?

The LRF is made up from representatives of Category 1 and Category 2 responders:

Category 1 responders (core responders) consist of the Emergency Services, Police, Fire and Ambulance service, Local Authorities, NHS, Coast Guard, Port Health Authority and the Environment Agency.

Category 2 responders consist of service providers such as Telecoms, Utilities (Electricity, Gas and Water), Transport (Road, Rail and Air), Met Officer and other groups such as voluntary agencies.

WHAT IS A COMMUNITY RISK REGISTER?

The Community Risk Register (CRR) is a document produced by the LRF that provides an agreed position on the risks affecting a local area. It supports and assists the LRF's risk assessment process and can help the community by identifying risks which can then be planned for. Risks of a sensitive nature such as security related risks are not included in this document.

HOW ARE RISKS IDENTIFIED?

For the purpose of the LRF, risks can be identified from two sources:

Nationally Identified Risks – The LRF are informed of any national risks by Government. These risks can affect any part of the country but are assessed locally to identify the impact they would have on the region.

Locally Identified Risks – These are risks specifically associated with our LRF region and would not require a national response.

Once identified the risk will be allocated a unique number for audit purposes.

HOW ARE RISKS GRADED?

Following the identification of a risk the initial risk assessment will be carried out using an agreed procedure. Once complete and approved it will be rated using the following criteria.

VERY HIGH RISK	These are classed as primary or critical risks requiring immediate attention. They may have a high or low likelihood of occurrence, but their potential consequences are such that they must be treated as a high priority. This may mean that strategies should be developed to reduce or eliminate the risks, but also that mitigation in the form of (multi-agency) planning, exercising and training for these hazards should be put in place and the risk monitored on a regular frequency. Consideration should be given to planning being specific to the risk rather than generic.
HIGH RISK	These risks are classed as significant. They may have a high or low likelihood of occurrence, but their potential consequences are sufficiently serious to warrant appropriate consideration after those risks classed as 'very high'. Consideration should be given to the development of strategies to reduce or eliminate the risks, but also mitigation in the form of at least (multi-agency) generic planning, exercising and training should be put in place and the risk monitored on a regular frequency.
MEDIUM RISK	These risks are less significant, but may cause upset and inconvenience in the short term, These risk should be monitored to ensure that they are being appropriately managed and consideration given to their being managed under generic emergency planning arrangements.
LOW RISK	These risks are both unlikely to occur and not significant in their impact. They should be managed using normal or generic planning arrangements and require minimal monitoring and control unless subsequent risk assessments show a substantial change. This may result in a move to another risk category.

THE HUMBER COMMUNITY RISK REGISTER

RISK MATRIX

IMPACT	Low (1)	Medium Low (2)	Medium (3)	Medium High (4)	High (5)
Catastrophic (5)			R50a	R78	
Significant (4)	R45	R62, R80a	R49, R51, R73, R75a, R75b, R75c	R26, R74, R79, T2	T1
Moderate (3)	R41, R56, R57, R58, R59, R60, R80c,	R46, R76, T4	R44, R50b, R77, R80b, R80d, R86	R72, R87, T5	T3, T6
Minor (2)	R42, R43, R54, R61	R40, R65, R66	R37, R82, LR1, LR2, LR3, LR9, LR11	R36, R81b, R84	R39, LR6
Limited (1)		R63, R85, LR8	R83, LR12	R38, LR7	R32, R81a, LR10
	Low (1)	Medium Low (2)	Medium (3)	Medium High (4)	High (5)

LIKELIHOOD

n.b. 'T' risks indicate terrorism risks that have been amalgamated from a range of risks.

REVIEWING THE RISK REGISTER

The Humber Community Risk Register is reviewed regularly in line with updates to national risk information and as such can be updated multiple times a year.

VERY HIGH RISKS

Risk ID	Scenario Title	Chapter	Impact	Likelihood	Risk Rating
R50a	Failure of the National Electricity Transmission System (NETS)	Accidents & Systems Failures	5	3	Very High
R78	Pandemic	Human, Animal and Plant Disease	5	4	Very High
R26	Cyber attack – telecommunications systems	Cyber Attack	4	4	Very High
R49	Simultaneous loss of all fixed and mobile forms of communication	Accidents & Systems Failures	4	3	Very High
R51	Failure of gas supply infrastructure	Accidents & Systems Failures	4	3	Very High
R73	High temperatures and heatwaves	Natural and Environmental Hazards	4	3	Very High
R74	Low temperatures and snow	Natural and Environmental Hazards	4	4	Very High
R75a	Coastal flooding risk	Natural and Environmental Hazards	4	3	Very High
R75b	Fluvial flooding	Natural and Environmental Hazards	4	3	Very High
R75c	Surface water Flooding	Natural and Environmental Hazards	4	3	Very High
R79	Outbreak of an emerging infectious disease	Human, Animal and Plant Disease	4	4	Very High
T1	Terrorist Attack in venues and Public Spaces	Terrorism	4	5	Very High
T2	Malicious maritime Incident	Terrorism	4	4	Very High

HIGH RISKS

Risk ID	Scenario Title	Chapter	Impact	Likelihood	Risk Rating
R62	Resevoir / Dam Collapse	Accidents & Systems Failures	4	2	High
R80a	Major outbreak of foot and mouth disease	Human, Animal and Plant Disease	4	2	High
R44	Accident involving high consequence dangerous goods	Accidents & Systems Failures	3	3	High
R50b	Regional failure of the electricity network	Accidents & Systems Failures	3	3	High
R72	Storms	Natural and Environmental Hazards	3	4	High
R77	Poor air quality	Natural and Environmental Hazards	3	3	High
R80b	Major outbreak of highly pathogenic avian influenza	Human, Animal and Plant Disease	3	3	High
R80d	Major outbreak of African swine fever	Human, Animal and Plant Disease	3	3	High

HIGH RISKS CONTINUED

Risk ID	Scenario Title	Chapter	Impact	Likelihood	Risk Rating
R86	Industrial action- fuel supply	Societal	3	3	**High**
R87	Reception and integration of British Nationals arriving from overseas	Societal	3	4	**High**
T3	Malicious Rail Incident	Terrorism	3	5	**High**
T5	CBRN Attack	Terrorism	3	4	**High**
T6	Cyber attack on infrastructure	Terrorism	3	5	**High**

MEDIUM RISKS

Risk ID	Scenario Title	Chapter	Impact	Likelihood	Risk Rating
R36	Major social care provider failure	Accidents & Systems Failures	2	4	**Medium**
R37	Insolvency of supplier(s) of critical services to the public sector	Accidents & Systems Failures	2	3	**Medium**
R39	Failure of a supplier of CNI chemicals	Accidents & Systems Failures	2	5	**Medium**
R40	Rail Accident	Accidents & Systems Failures	2	2	**Medium**
R41	Large passenger vessle accident	Accidents & Systems Failures	3	1	**Medium**
R45	Aviation collision	Accidents & Systems Failures	4	1	**Medium**
R46	Malicious Drone Incident	Accidents & Systems Failures	3	2	**Medium**
R56	Accidental fire or explosion at an onshore major hazard (COMAH) site	Accidents & Systems Failures	3	1	**Medium**
R57	Accidental large toxic chemical release from an onshore major hazard (COMAH) site	Accidents & Systems Failures	3	1	**Medium**
R58	Accidental fire or explosion on an offshore oil or gas installation	Accidents & Systems Failures	3	1	**Medium**
R59	Accidental fire or explosion at an onshore fuel pipeline	Accidents & Systems Failures	3	1	**Medium**
R60	Accidental fire or explosion at an onshore major incident hazard pipeline	Accidents & Systems Failures	3	1	**Medium**
R65	Major Fire	Accidents & Systems Failures	2	2	**Medium**
R66	Wildfire	Natural and Environmental Hazards	2	2	**Medium**
R76	Drought	Natural and Environmental Hazards	3	2	**Medium**

MEDIUM RISKS CONTINUED

Risk ID	Scenario Title	Chapter	Impact	Likelihood	Risk Rating
R80c	Major outbreak of African horse sickness	Human, Animal and Plant Disease	3	1	**Medium**
R81b	Major outbreak of plant pest - Agrilus planipennis	Human, Animal and Plant Disease	2	4	**Medium**
R82	Public Disorder	Societal	2	3	**Medium**
R84	Industrial Action - Firfighters	Societal	2	4	**Medium**
LR1	Fire at waste resycling site or refuse derived fuel site	Local Risk	2	3	**Medium**
LR2	Public event & mass gathering	Local Risk	2	3	**Medium**
LR3	Localised outbreak of a communicable disease	Local Risk	2	3	**Medium**
LR6	Contamination of surface water, ground water or land	Local Risk	2	5	**Medium**
LR9	Bridge closeure or collapse	Local Risk	2	3	**Medium**
LR11	Naturalspring/Groundwater Flooding	Local Risk	2	3	**Medium**
T4	Malicious Aaviation incident	Terrorism	3	2	**Medium**

LOW RISKS

Risk ID	Scenario Title	Chapter	Impact	Likelihood	Risk Rating
R32	Major interference in the UK democratic process	State Threats	1	5	**Low**
R38	Insolvency affecting fuel supply	Accidents & Systems Failures	1	4	**Low**
R42	Major maritime pollution	Accidents & Systems Failures	2	1	**Low**
R43	Incident (groundingsinking) of a vessel blocking a major port	Accidents & Systems Failures	2	1	**Low**
R54	Radiation exposure from transported, stolen or lost goods	Accidents & Systems Failures	2	1	**Low**
R61	Accidental work-related (laboratory) release of a hazardous pathogen	Accidents & Systems Failures	2	1	**Low**
R63	Water infrastructure failure or loss of drinking water	Accidents & Systems Failures	1	2	**Low**
R81a	Major outbreak of plant pest - Xylella fastidiosa	Human, Animal and Plant Disease	1	5	**Low**
R83	Industrial action - public transport	Societal	1	3	**Low**

LOW RISKS CONTINUES

Risk ID	Scenario Title	Chapter	Impact	Likelihood	Risk Rating
R85	Industrial action - prison staff	Societal	1	2	**Low**
LR7	Major Incident on local motorways or critical routes	Local Risk	1	4	**Low**
LR8	Building collapse	Local Risk	1	2	**Low**
LR10	Natural Erosion	Local Risk	1	5	**Low**
LR12	Explosions and Major Fires	Local Risk	1	3	**Low**

Humber Local Resilience Forum