



# Planning for Emergencies

**MERSEYSIDE RESILIENCE FORUM**

Merseyside Community Risk Register

2022

## INTRODUCTION

### What is the Community Risk Register?

The Community Risk Register (CRR) has been compiled by the Merseyside Resilience Forum (MRF) to identify potential risks that may affect the communities of Merseyside. The MRF is a collaboration of multi-agency services / partners working together to prepare for emergencies on Merseyside, including:

British Transport Police (BTP)	Cadent
Clinical Commissioning Groups	Environment Agency (EA)
Health & Safety Executive (HSE)	Knowsley Metropolitan Borough Council
Liverpool City Council	Liverpool John Lennon Airport
Maritime and Coastguard Agency (MCA)	Merseyside Fire & Rescue Service (MFRS)
Merseyside Police	Merseytravel
Mersey Tunnels Police	NHS England
National Grid Plc	National Highways
North West Ambulance Service (NWAS)	Port of Liverpool Police
Sefton Metropolitan Borough Council	SP Energy Networks
St Helens Metropolitan Borough Council	Wirral Metropolitan Borough Council
United Utilities	UK Health Security Agency

The CRR provides the basis for the responder agencies to develop emergency plans and provides a guide for the preparedness work carried out by the MRF. The CRR is also intended to inform the public - individuals, families and businesses - on the range of potential disruptive events that these agencies have considered when making their plans, and to provide assurance that they are ready to deal with these emergencies to provide resilience for the communities that they serve.

## **How has the Community Risk Register Been Compiled?**

The Government assesses hazards and threats that could affect the United Kingdom. These are published in the National Risk Register. It explains the likelihood of a risk occurring and, if it happens, the effects it may have.

Under the Civil Contingencies Act 2004 (CCA) all areas of the United Kingdom are required to establish a local resilience forum within the local Police Force area. The CCA places a legal duty on local emergency responders to carry out assessments on the risks to their area and publish them.

The register prioritises risks at a Merseyside level. It is a document that shows which risks have been identified to affect Merseyside. The likelihood of an event occurring has been assessed using historical evidence and projected occurrence data relating to the risk occurring over a 12-month period. The potential impact of such an emergency has been assessed with regard to welfare of the community, essential services, the local economy and local environment in accordance with national guidance.

The inclusion of these hazards does not mean that the Merseyside Resilience Forum (MRF) believes the risk will materialise, or that if it were to do so, it would be at that scale. The risk scenarios are considered to be reasonable worst case assumptions upon which our risk assessment is based. The likelihood and impact assessments have been used to develop a Risk Rating of Low, Medium, High or Very High. This is displayed on the Risk Matrix (page 8).

The risk matrix below shows non-malicious and certain malicious events. This does not mean that we are not considering all malicious threats within our risk assessment work, but given the sensitivity of the information supporting these risk assessments and the potential for use by adversaries, specific details will not be made available via this document.

### **Lead Responsibility**

For the purpose of clarity, the Lead Responsibility refers to the organisation responsible for compiling the specific entry into the CRR. This does not necessarily denote responsibility for enacting risk treatment or for lead response in case of an incident.

**NOTE:** Risks are assessed against the 2019 National Security Risk Assessment methodology. However, due to the review process adopted by the MRF, the risk rating for some risks is based on a previous methodology.

## FURTHER INFORMATION

To view the National Risk Register of Civil Emergencies please visit the Government website via the link below:

[National Risk Register for Civil Emergencies](#)

To view the Cabinet Office Guidance for Emergency Preparedness and Emergency Response & Recovery please visit the Government website via the links below:

[Emergency Preparedness](#)

[Emergency Response and Recovery](#)

Further information is also available on the Merseyside Prepared website via the links below:

[www.merseysideprepared.org.uk](http://www.merseysideprepared.org.uk)

If you have any further queries please contact:

Secretary to Merseyside Resilience Forum  
Merseyside Fire & Rescue Service  
Headquarters  
Bridle Road  
Bootle  
Merseyside  
L30 4YD

Tel: 0151 296 4536

**RISK INDEX**

<b>ACCIDENTS AND SYSTEM FAILURES</b>	<b>Lead Responsibility</b>
Major Fire	Merseyside Fire & Rescue Service
Wildfires	Merseyside Fire & Rescue Service
Fire at Fuel Distribution Site	Merseyside Fire & Rescue Service
Fire at Gas Terminal	Merseyside Fire & Rescue Service
Pipeline Incident - Gas	Merseyside Fire & Rescue Service
Fire at Oil Refinery	Merseyside Fire & Rescue Service
Fire at Offshore Installation	Maritime & Coastguard Agency
Pipeline Incident - Ethylene	Merseyside Fire & Rescue Service
Pipeline Incident - Fuel	Merseyside Fire & Rescue Service
Biological Pathogen Release	UK Health Security Agency
Biological Substance Release	UK Health Security Agency
Chemical Release	Merseyside Fire & Rescue Service
Civil Nuclear Accident	UK Health Security Agency
Maritime Pollution	Maritime & Coastguard Agency
Road Accident – involving Hazardous Materials	Merseyside Fire & Rescue Service
Food Supply Contamination	UK Health Security Agency
Exposure to Radiation	UK Health Security Agency / NHS England
Aviation Incident	Liverpool John Lennon Airport (Fire)
Collapse of Government Contractor	NHS England
Collapse of Social Care Provider	Liverpool City Council
Reservoir / Dam Collapse	Environment Agency
Water Supply Failure	United Utilities
National Electricity Failure	SP Energy Networks
Regional Electricity Failure	SP Energy Networks
Gas Supply Failure	St Helens MBC
Telecommunications Failure	Merseyside Police
Retail Bank Failure	Liverpool City Council
Systemic Financial Crisis	Liverpool City Council

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<b>NATURAL HAZARDS</b>	<b>Lead Responsibility</b>
Coastal Flooding	Environment Agency
River Flooding	Environment Agency
Surface Water Flooding	Liverpool City Council
Drought	United Utilities
Poor Air Quality	UK Health Security Agency
Volcanic Eruption	Liverpool John Lennon Airport (Fire)
Heatwave	UK Health Security Agency
Low Temperatures and Snow	Liverpool City Council
Space Weather	SP Energy Networks
Storms	St Helens MBC
Earthquake	Merseyside Fire & Rescue Service

<b>HUMAN AND ANIMAL DISEASES</b>	<b>Lead Responsibility</b>
Influenza Type Pandemic	UK Health Security Agency
Emerging Infectious Disease	UK Health Security Agency
Antimicrobial Resistance	UK Health Security Agency
Animal Disease	Wirral MBC

<b>SOCIETAL</b>	<b>Lead Responsibility</b>
Industrial Action – Fire & Rescue	Merseyside Fire & Rescue Service
Industrial Action - Prison Officers	Merseyside Police
Industrial Action - Transport	British Transport Police
Industrial Action - Fuel	Merseyside Police
Collapse of Fuel Supplier	Merseyside Police
Public Disorder	Merseyside Police
Influx of British Nationals	Liverpool City Council

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<b>MALICIOUS</b>	<b>Lead Responsibility</b>
Cyber - Transport	Merseytravel
Cyber - Health and Social Care System	NHS England
Cyber - Democratic Process	Liverpool City Council
Cyber - Crime Incident	Merseyside Police
Cyber – Financial Telecoms	Merseyside Police
Cyber – Government Systems	Merseyside Police
Cyber – Data Breach	Merseyside Police
Cyber - Telecommunications	Merseyside Police

<b>LOCAL</b>	<b>Lead Responsibility</b>
Fire at Stadium	Merseyside Fire & Rescue Service
Tunnel Incident	Mersey Tunnels Police
Maritime Accident / Blockade	Port Police
Passenger Vessel Incident	Maritime & Coastguard Agency
Aviation Incident Offshore	Maritime & Coastguard Agency
Railway Accident	British Transport Police
Motorway Incident	National Highways
Building Collapse	Merseyside Fire & Rescue Service
Groundwater Pollution	Environment Agency
Fire at Waste / Recycling Site	Merseyside Fire & Rescue Service
Industrial Action – Emergency Services	North West Ambulance Service
Temporary Risks - Festivals / Sporting / Leisure Events	Event Organisers

# RISK MATRIX

## 2022 MERSEYSIDE COMMUNITY RISK REGISTER

IMPACT

Fire at Oil Refinery Civil Nuclear Accident		<b>Influenza Type Pandemic</b> <b>National Electricity Failure</b>		
Fire at Fuel Distribution Site Fire at Gas Terminal Pipeline Incident - Gas Pipeline Incident - Ethylene Aviation Incident Reservoir / Dam Collapse	Chemical Release Water Supply Failure Systemic Financial Crisis Drought	Food Supply Contamination Regional Electricity Failure Surface Water Flooding Severe Space Weather Antimicrobial Resistance Emerging Infectious Disease	Collapse of Social Care Provider	Cyber - Health and Social Care
Fire at Offshore Installation Pipeline Incident - Fuel Biological Pathogen Release Maritime Pollution Fire at Stadium Aviation Incident Offshore Indus Action - Emer Services	Major Fire Road Accident - Hazmats Gas Supply Failure Indus Action - Fuel Public Disorder Passenger Vessel Incident Motorway Incident Building Collapse	Coastal Flooding River Flooding Poor Air Quality Heatwave Low Temperatures and Snow Storms Railway Accident	Cyber - Crime Incident Biological Substance Release Collapse of Gov Contractor Volcanic Eruption Indus Action – Fire & Rescue	Indus Action - Transport Fire at Waste/Recycling Site
Telecommunications Failure	Cyber – Financial Telecoms Wildfires Exposure to Radiation Animal Disease Collapse of Fuel Supplier Tunnel Incident Maritime Accident/Blockade	Cyber – Government Systems Cyber – Data Breach Cyber - Telecoms Earthquake	Cyber - Transport Cyber - Democratic Process Retail Bank Failure Indus Action – Prison Officers Influx of British Nationals	Groundwater Pollution

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