

Cumbria Community Risk Register 2019-21



This is the Cumbria Community Risk Register. It has been put together by representatives from the Cumbria Local Resilience Forum (CRF). We use this risk register to help us prioritise our work in planning for emergencies and exercising our plans. Due to the ongoing response to Covid-19 Cumbria Local Resilience Forum has prioritised those risks which are High or Very High, so this is an interim review while the outstanding Medium and Low Risks are reassessed.

The National Security Risk Assessment consists of ten Risk families; Terrorism, Cyber, Serious and Organised Crime, Hostile State Activity, Geopolitical and Diplomatic Risks, Accident and Systems Failures, Natural and Environmental Hazards, Human and Animal Disease, Societal and Conflict and Instability.

Some Risk Families are held at official sensitive and have been excluded from this document.

Reviewed 28th February 2022

Likelihood	Impact	Rating	Descriptor	Date Assessed
-	-	VERY HIGH	Combinations of risks being realised at the same time. Concurrency of impacts and consequences.	-
5	4	VERY HIGH	Localised Fluvial Flooding	2021
4	4	VERY HIGH	Fluvial Flooding	2021
3	5	VERY HIGH	Influenza-type Pandemic	2021
3	4	VERY HIGH	Failure of the National Electricity Transmission Systems	2021

Likelihood	Impact	Rating	Descriptor	Date Assessed
5	3	HIGH	Covid 19	2021
4	3	HIGH	Volcanic Eruption	2021
3	3	HIGH	Food Supply Contamination	2021
3	3	HIGH	Poor Air Quality	2021
3	3	HIGH	Natural Disaster Overseas	2021
3	3	HIGH	Severe space weather	2021
3	3	HIGH	The Growth and Spread of Anti-Microbial Resistance	2021
3	3	HIGH	Emerging Infectious Disease	2021

Likelihood	Impact	Rating	Descriptor	Date Assessed
3	3	HIGH	Localised Surface Water Flooding	2021
3	3	HIGH	Land Movement	2022
2	4	HIGH	Major Outbreak of Animal Disease	2021

Likelihood	Impact	Rating	Descriptor	Date Assessed
5	2	MEDIUM	Industrial Action (Public Transport)	2020
5	2	MEDIUM	Inland Water Pollution	2020
4	2	MEDIUM	Accidental Release of Biological Substance	2020
4	2	MEDIUM	Collapse of a Major Government Contractor	2020
4	2	MEDIUM	Failure of the Regional Electricity Transmission Systems	2020
4	2	MEDIUM	Drought Deepens Humanitarian Crisis and Conflict - Famine	2020
4	2	MEDIUM	Industrial Action (Prison Officers)	2020
3	2	MEDIUM	Natural catastrophe affecting Overseas Territories	2020
3	2	MEDIUM	Heatwave	2020
3	2	MEDIUM	Low Temperatures and Heavy Snow	2020
3	2	MEDIUM	Storms	2020
3	2	MEDIUM	Localised Transport Accident	2020
3	2	MEDIUM	Localised Coastal Flooding	2020
3	2	MEDIUM	Localised Flash Flooding	2020
3	2	MEDIUM	Major Fire	2021
2	3	MEDIUM	Accident Involving High Consequence Dangerous Goods	2020
2	3	MEDIUM	Drought	2020
2	3	MEDIUM	Localised Railway Accident	2020
2	3	MEDIUM	Sea Passenger Vessel	2020
2	2	MEDIUM	Wildfires	2021
2	2	MEDIUM	Water Infrastructure Failure or Loss of Drinking Water	2020
2	2	MEDIUM	Gas Supply Failure	2020
2	2	MEDIUM	Disruption to or Loss of Telecommunication System	2020
2	2	MEDIUM	Industrial Action (Fuel Supply)	2020
2	2	MEDIUM	Inland Passenger Vessel	2018
2	2	MEDIUM	Localised Transport Accident Involving Hazardous Materials	2020
2	2	MEDIUM	Regional Coastal Flooding	2020

Likelihood	Impact	Rating	Descriptor	Date Assessed
1	4	MEDIUM	Fire at a Fuel Distribution Site	2020
1	4	MEDIUM	Civil Nuclear Accident	2021
1	4	MEDIUM	Radiation Release from Overseas Nuclear Accident	2020
1	4	MEDIUM	Coastal Flooding	2020
1	3	MEDIUM	Fire or Explosion at a Gas Terminal or Storage Site	2020
1	3	MEDIUM	Explosion at a High Pressure Gas Pipeline	2020
1	3	MEDIUM	Fire or Explosion at an Onshore Ethylene Gas Pipeline	2020
1	3	MEDIUM	Aviation Crash	2020
1	3	MEDIUM	Reservoir/Dam Collapse	2020
1	3	MEDIUM	Pipeline Incident at Gas Terminal	2020
1	3	MEDIUM	Bridge Collapse or Long-term Closure	2020
1	3	MEDIUM	Public Disorder	2021

Likelihood	Impact	Rating	Descriptor	Date Assessed
4	1	LOW	Technological Failure at a Retail Bank	2020
4	1	LOW	Influx British Nationals	2020
3	1	LOW	Building Collapse	2020
2	1	LOW	Earthquake (UK)	2020
2	1	LOW	Localised Industrial Accident (including Toxic Release)	2021
1	2	LOW	Fire or Explosion on an Off Shore Oil or Gas Installation	2020
1	2	LOW	Insolvency Affecting Fuel Supply	2020
1	2	LOW	Accidental Release of Biological Pathogen	2020
1	2	LOW	Maritime Pollution	2018
1	2	LOW	Industrial Action (firefighters)	2020
1	2	LOW	Industrial Explosion/ Fire (Hazard)	2020
1	2	LOW	Localised Aviation Accident	2020
1	2	LOW	Shipping Accident Involving Hazardous Material	2020
1	1	LOW	Radiation Exposure from Stolen Goods	2020
1	1	LOW	Accident within Intertidal Zone	2018
1	1	LOW	Fire or Explosion at a Low Pressure Gas Pipeline (2 bar)	2021

The following categories are excluded from the Cumbrian Community Risk Register by reason that individual hazard criteria as laid down by central government cannot be met within this County

Fire or Explosion at a Onshore Oil Refinery (Ref R58)

Fire or Explosion at a Onshore Fuel Pipeline (Ref R61)

Large Toxic Chemical Release (Ref R64)

Surface Water Flooding (Ref R83)

Risk Matrix

Relative Impact	Catastrophic (5)	HIGH	VERY HIGH	VERY HIGH	VERY HIGH	VERY HIGH
	Significant (4)	MEDIUM	HIGH	VERY HIGH	VERY HIGH	VERY HIGH
	Moderate (3)	MEDIUM	MEDIUM	HIGH	HIGH	HIGH
	Minor (2)	LOW	MEDIUM	MEDIUM	MEDIUM	MEDIUM
	Limited (1)	LOW	LOW	LOW	LOW	LOW
		Low (1)	Medium Low (2)	Medium (3)	Medium High (4)	High (5)
		Relative Likelihood				

What we're doing:

Cumbria Resilience Forum maintain a well established 'Cumbria Emergency Plan' which contains comprehensive general arrangements for responding to emergencies in Cumbria. It guides us in how to deal with the sort of emergencies identified in this risk register. We also have specific plans for some Very High and High risks – for example, a Pandemic Influenza Plan and a Multi Agency Flood Plan. All the organisations involved in the Cumbria Resilience Forum (For example: Police, Ambulance, Fire Service, Local Authorities and NHS England) regularly train together and exercise our plans. This means we are ready to respond when we need to.

What you can do:

We don't like to think about emergencies happening, but nowhere is totally safe. An emergency can happen anywhere. What would you do if the Police knocked on your door in the middle of the night to ask you to leave your home because of the danger of a nearby emergency? Would you be ready?

Families and households can and do cope with emergencies by preparing in advance and working together as a team. Knowing what to do is your best protection and your responsibility

The chances of being involved in a major emergency are low however, it could happen. The following outline the key things you can do to help prepare you and your family in the event of a major emergency.

- Think about the type of major emergencies that could affect you and your family
- Think about what hazards and risks you face in your home and take action to reduce the risk to your family
- Develop a household *PLAN* for responding to an emergency
- Prepare the equipment, food and water you will need
- Make sure your children know what to do in the event of a major emergency and practice your emergency plan
- Don't forget the safety of your family pet

For more information visit www.cumbria.gov.uk/emergency