

Cumbria Community Risk Register 2013/14



This is the Cumbria Community Risk Register. It has been put together by representatives from the Cumbria Resilience Forum (CRF). We use this risk register to help us prioritise our work in planning for emergencies and exercising our plans.

No	Ref	Likelihood	Impact	Rating	Descriptor
0	-	-	-	VERY HIGH	Combinations of risks (Low, Medium, High or Very High) being realised at the same time. Concurrency of impacts and consequences.
1	H23	4	5	VERY HIGH	Influenza type disease (pandemic).
2	HL19	4	4	VERY HIGH	Local fluvial flooding
3	H21	3	5	VERY HIGH	Flooding: Severe fluvial flooding affecting more than two UK regions
4	H55	3	4	VERY HIGH	Severe effusive (gas rich) volcanic eruption overseas
-	HL18	3	4	VERY HIGH	Local/Urban flooding (fluvial or surface run-off)

5	H56	4	3	HIGH	Severe space weather
6	H24	3	3	HIGH	Major Outbreak of new or emerging infectious diseases
-	H25	3	3	HIGH	Outbreak of exotic notifiable disease in animals (including birds)
-	HL2	3	3	HIGH	Localised industrial accident involving large toxic release. (e.g. from a site storing large quantities of chlorine)
-	HL3	3	3	HIGH	Localised industrial accident involving small toxic release
-	H41	3	3	HIGH	Technical failure of national electricity network
-	HL20	3	3	HIGH	Localised, extremely hazardous flash flooding
7	H4	2	3	HIGH	Fire or explosion at fuel distribution site or a site storing flammable and/or toxic liquids in atmospheric pressure storage tanks.
-	HL14	2	3	HIGH	Local (road) accident involving transport of fuel / explosives
	HL12	2	3	HIGH	Local accident involving transport of hazardous chemicals
-	HL28	2	3	HIGH	Localised fire or explosion at a fuel distribution site or tank storage of flammable and/or toxic liquids

8	H46	5	2	MEDIUM	Biological substance release during an unrelated work activity or industrial process (e.g. Legionella release due to improperly maintained building environmental control systems.)
-	H14	5	2	MEDIUM	Major contamination incident with widespread implications for food chain, arising from: 1. Industrial accident affecting food production areas 2. Contamination of animal feed 3. Incidents arising from production processes,
-	H40	5	2	MEDIUM	No notice loss of significant telecommunications infrastructure in a localised incident such as fire, flood or gas incident
9	HL4	4	2	MEDIUM	Major pollution of surface waters and groundwater
-	HL42	4	2	MEDIUM	Loss of cover due to industrial action by workers providing a service critical to the preservation of life (such as emergency service workers)
-	HL10	4	2	MEDIUM	Local accident on motorways and major trunk roads
-	H18	4	2	MEDIUM	Low temperatures and heavy snow
-	HL24	4	2	MEDIUM	Localised Legionella / meningitis outbreak
-	H13	4	2	MEDIUM	Foreign nuclear accident affecting the UK. International Nuclear Events Scale (INNES) level equivalent 5,6,7

10	H30	3	2	MEDIUM	Emergency Services: loss of emergency fire and rescue cover because of industrial action
-	H48	3	2	MEDIUM	Heat wave
-	H31	3	2	MEDIUM	Significant or perceived significant constraint on the supply of fuel at filling stations e.g. industrial action by contract drivers for fuel, refinery staff, or effective fuel blockades at key refineries/terminals by protestors, due to the price of fuel.
-	H17	3	2	MEDIUM	Storms and gales
-	CL8	3	2	MEDIUM	Yellow Dam reservoir dam failure / collapse
-	H43	3	2	MEDIUM	Telecommunication infrastructure – human error/accidental damage
-	H45	3	2	MEDIUM	Technical failure of electricity network due to operational error or bad weather causing damage to the system.
11	H10	1	5	MEDIUM	Radioactive substance release-from a nuclear reactor
-	H44	1	5	MEDIUM	Major reservoir dam failure / collapse
-	HL31	1	5	MEDIUM	Limited radioactive substance release from a nuclear accident
12	H6	2	2	MEDIUM	Fire or explosion at an offshore oil/gas platform
-	H38	2	2	MEDIUM	Technical failure of a critical upstream oil/gas facility, gas import pipeline terminal, or Liquefied natural Gas (LNG) import reception facility leading to a disruption in upstream oil and gas production
-	HL7	2	2	MEDIUM	Industrial explosions and major fires
-	HL22	2	2	MEDIUM	Building collapse
-	H1	2	2	MEDIUM	Fire or explosion at a gas LPG (Liquefied Petroleum Gas) or LNG (Liquefied Natural Gas) terminal (or associated onshore feedstock pipeline) or flammable gas storage site
-	HL1	2	2	MEDIUM	Fire or explosion at a gas terminal or involving a gas pipeline
13	HL23	1	3	MEDIUM	Bridge closure or collapse
-	H7	1	3	MEDIUM	Explosion at a high pressure gas pipeline
-	H16	1	3	MEDIUM	Aviation accident over a semi urban area
-	H53	1	3	MEDIUM	International disruption to gas supply
-	HL9	1	3	MEDIUM	Aviation accident
-	H42	1	3	MEDIUM	Rapid accidental sinking of passenger vessel in or close to UK waters
-	HL11	1	3	MEDIUM	Railway accident

14	H33	5	1	LOW	Unofficial strike action by prison officers
15	H39	4	1	LOW	Failure of water infrastructure or accidental contamination with a non-toxic contaminant
16	H37	4	1	LOW	Influx of British Nationals who are not normally resident within the UK
-	H54	4	1	LOW	Disruption to aviation as a consequence of volcanic ash
17	H36	3	1	LOW	International disruption to oil supply
18	H2	1	2	LOW	Fire or explosion at an onshore ethylene gas pipeline.
-	HL13	1	2	LOW	Maritime accident or deliberate blockade resulting in blockage of access to key port, estuary, maritime route for more than one month
-	H35	2	1	LOW	Industrial action by key rail or London Underground workers
-	H57	1	2	LOW	Large scale public disorder in multiple sites in single city occurring concurrently over several days.
-	H12	1	2	LOW	Biological substance release from facility where pathogens are handled deliberately (e.g. pathogen release from containment laboratory)
	H58	2	1	LOW	Severe Wildfires

	HL25	1	3	LOW	Localised fire or explosion at a gas terminal as well as LPG, LNG, and other gas onshore feedstock pipeline and flammable gas storage sites
	H49	1	2	LOW	Loss of drinking water supplies due to a major accident affecting infrastructure
	HL33	2	1	LOW	Forest or moorland fire
	H15	1	2	LOW	Maritime Pollution
	HL30	1	2	LOW	Localised explosion at a natural gas pipeline
	HL37	1	2	LOW	Release of significant quantities of hazardous chemicals/materials as a result of major shipping accident
	H50	1	2	LOW	Drought
	HL8	1	2	LOW	Fire, flooding, stranding or collision involving a passenger vessel in or close to UK waters or on inland waterways, leading to the ship's evacuation
	HL21	1	2	LOW	Land movement (i.e. caused by tremors or landslides)
	HL26	1	2	LOW	Localised fire or explosion at an onshore ethylene gas pipeline
	HL34	1	2	LOW	Fire, flooding, stranding or collision involving a passenger vessel in or close to UK waters leading to the ship's evacuation or partial evacuation at sea
	CL1	2	1	LOW	Accident involving Shellfish Harvesters, and other groups working or walking in the intertidal zone
	H11	1	2	LOW	Accidental release of radioactive material from incorrectly handled or disposed of sources

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

H3	1	N/A	Fire or explosion at an oil refinery.
H5	1	N/A	Fire or explosion at an onshore fuel pipeline
H8	2	N/A	Very large toxic chemical release
H9	3	N/A	Large toxic chemical release
H19	3	N/A	Flooding: Major coastal and tidal flooding affecting more than two UK regions.
HL16	3	N/A	Local coastal/tidal Flooding (affecting more than one Region)
HL17	4	N/A	Local coastal / tidal flooding (in one Region)
HL27	2	N/A	Localised fire or explosion at oil refinery

Catastrophic (5)	MEDIUM	HIGH	VERY HIGH	VERY HIGH	VERY HIGH
Significant (4)	MEDIUM	HIGH	VERY HIGH	VERY HIGH	VERY HIGH
Moderate (3)	MEDIUM	HIGH	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)

What we're doing:

The County Council Resilience Unit and partners from the 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 Flood Plan. All the organisations involved in the Cumbria Resilience Forum (eg. Police, Ambulance, Fire Service, Local Authorities, NHS) 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