

(The information displayed in the document is valid only at the date of publication as community risks are monitored on an ongoing basis.)

The purpose of the Sussex Community Risk Register is to highlight any potential hazards in the county that could result in a major emergency. It identifies potential threats and describes the controls in place to combat them.

The Register is compiled by a multi-agency partnership called the Sussex Local Resilience Forum. The members include the police, fire, ambulance, health, Maritime and Coastal agency and local authorities.

The Civil Contingencies Act 2004 places a duty on these organisations to carry out risk assessments and ensure they are prepared to deal with the hazards identified. Further information about the Act is available at <http://www.ukresilience.info/home.htm>

Part of the risk assessment is to consider the likelihood and impact of a hazard occurring. The Forum's role is to ensure that integrated plans are in place to respond in the event of an emergency. You can contact the Secretariat for the Forum on 0845 6070999 ext 45492.

Residents should not be alarmed by the register. The planners need to consider worse case scenarios. Just because something is listed as high risk that does not mean it is likely to happen. It simply means that because of potential consequences it must be treated as a high priority.

Some risks are general to all parts of the country. That's things like the spread of infectious diseases or the impact of severe weather. Other threats are localised to a particular place. For example in Sussex our coastline makes us vulnerable to the threat of marine pollution and we are susceptible to both coastal and inland flooding. Over 75% of the population is dependent upon groundwater drinking supplies which makes any threat of drought particularly serious. Our popularity as a tourist destination means we have to cope with large increases in population during the holiday season.

We've prepared a special chart where colour codes show you immediately how we assess the following risks. They've been calculated using government guidelines and look at the possible impact, and what members of the Forum would do, should any of these events happen. Don't be alarmed by the large number of potential risks. We've tried to think of everything!

The lead agency shown for each risk does not necessarily deal with that risk across the whole of Sussex, but takes the lead on monitoring the risk on behalf of the Local Resilience Forum.

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Risk ref	Hazard or threat category	Hazard / Threat sub category	Risk rating	Lead Agency in Sussex	Controls currently in place
PH01 / H23	Public Health	Pandemic Influenza	Very High	Health Protection Agency	The Department of Health monitor this risk nationally and provide advice regarding the impact and likelihood of an event occurring. Further advice for members of the public can be viewed via The Department of Health website www.DH.gov.uk/pandemicflu The UK Influenza Pandemic Contingency Plan published in November 2005 describes the national response to this risk. The local Sussex response plans follow this guidance.
SW08	Severe Weather	Drought	Very High	Environment Agency	The Environment Agency monitor source water levels throughout the year and action is being taken by water companies to maximise the flow of ground water into reservoirs in Sussex. Contingency plans are developed months before the peak use Summer season. Further advice and information for members of the public can be viewed at the Environment Agency website www.environment-agency.gov.uk Water companies can also offer practical advice and water saving devices.
AH01 / H26	Animal Health	Infectious disease that can be transmitted between different animals species and humans These diseases are often referred to as being Zoonotic. e.g. Avian Influenza , Rabies, West Nile Virus.	Very High	East Sussex County Council West Sussex County Council Brighton and Hove City Council	The Department for the Environment, Food and Rural Affairs (DEFRA) monitor this risk on an ongoing basis and provide advice regarding the impact and likelihood of an event occurring. Advice concerning avian flu for people working with birds and members of the public is available on the DEFRA website www.defra.gov.uk The State Veterinary Service and Health Protection Agency planning covering the Sussex area identifies the local action to be taken in the event of an animal disease emergency.

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SW05 / H21	Severe Weather	Flooding of rivers, streams A sustained period of heavy rainfall extending over two weeks, resulting in steadily rising river levels over region.	Very High	Environment Agency	The Environment Agency monitor weather conditions and manage the risk of river flooding in Sussex. The flood alleviation schemes maintain defences in areas most likely to be affected. The flood warning service offers daily advice to members of the public living in areas considered at risk. In the event of major flooding multiagency response plans are actioned to minimise damage. For further information about flooding risk see http://www.environment-agency.gov.uk/subjects/flood/floodwarning
SD01	Supply Disruption / Failure	Fuel shortage Industrial dispute, targeted disruptive protest, overseas supply failure / refusal.	Very High	West Sussex County Council	The Department of Trade and Industry (DTI) monitor this risk nationally and provide advice regarding the impact and likelihood of a shortage occurring. The DTI Downstream Oil Resilience plan identifies the measures to be taken in the event of a national fuel crisis. Further advice for members of the public can be viewed via the UK Resilience website www.ukresilience.info/emergencies/fuel.shtm The Sussex response plan identifies the emergency services and other critical public services as priority fuel consumers.
SW04 / H19	Severe Weather	Coastal flooding Major sea surge, spring tides, gale force winds, heavy rainfall, many defences overtopped or failing. Combined tidal and fluvial event.	Very High	Environment Agency	The Environment Agency monitor weather conditions and manage the risk of flooding around the Sussex coastline. A annual maintenance programme and flood alleviation scheme maintains the sea defences in areas most likely to be affected by rising sea conditions. The flood warning service offers daily advice to members of the public living in areas considered at risk. In the event of major flooding multiagency response plans are actioned to protect life and minimise damage. For further information about flooding risk see www.environment-agency.gov.uk/subjects/flood/floodwarning
PH02 / H22	Public Health	Epidemic e.g. Flu	High	Arun, Adur and Worthing Primary Care Trust	1. General Practitioners ongoing monitoring of occurrences 2. Annual National Vaccination Programme 3. Voluntary sector "winter plan" (support for vulnerable groups) 4. Major outbreak plan 5. Department of Health Surveillance activity

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SW01 / H18	Severe Weather	Low temperatures	High	Environment Agency	<ol style="list-style-type: none"> 1. Voluntary sector "winter plan" (support for vulnerable groups) 2. Department of Health Surveillance activity 3. Strategic route diversion plans 4. Highways Agency Traffic enforcement and Emergency response plan (to maintain transport routes)
SW03 / H17	Severe Weather	Hurricane / high winds	High	Rother District Council	Generic Plans by Multiagencys. Severe weather plan
SW07	Severe Weather	Extreme Heatwave	High	Arun, Adur and Worthing Primary Care Trust	<ol style="list-style-type: none"> 1. National Health Service Heatwave plan 2. Meteorological Office early warning system 3. Sussex health services local heatwave plans 4. Multi agency contingency plans
AH02 / H25	Animal Health	Infectious disease transmitted between animals of the same species These diseases are often referred to as being Non-Zoonotic e.g. Blue Tongue, Foot & Mouth Disease, Newcastle Disease, Swine Fever.	High	East Sussex County Council West Sussex County Council Brighton and Hove City Council	<ol style="list-style-type: none"> 1. The Department for the Environment, Food and Rural Affairs monitor this risk on an ongoing basis and issue Qualitative Risk Assessments and advice. 2. The Regional Veterinary Plan covering the Sussex area identifies the local action to be taken in the event of an emergency.
EP06 / H15	Environmental Pollution / Infestation	Marine Pollution Incident e.g. Oil Spillage	High	Maritime & Coastguard Agency	<ol style="list-style-type: none"> 1. The National Contingency Plan for Marine Pollution from Shipping and Offshore Installations 2. Multi agency major emergency plan

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EP07	Environmental Pollution / Infestation	Major outbreak of plant or pest infestation e.g. Aphids, Colorado Beetle (potatoes), Wheat Bulb Fly	High	East Sussex County Council	1. Multi agency major emergency plans
PH03 / H24	Public Health	Localised outbreak of food poisoning or communicable disease e.g. Ecoli, Salmonella, Legionella, Meningitis, Mumps, in hospital, school, prison	High	Health Protection Agency	1. Major outbreak plan 2. Department of Health Surveillance activity
SW02 / H18	Severe Weather	Heavy snow	High	East Sussex County Council	1. Voluntary sector "winter plan" (support for vulnerable groups) 2. Department of Health Surveillance activity 3. Strategic route diversion plans 4. Highways Agency Traffic enforcement and Emergency response plan (to maintain transport routes)
SD03 / H38 H41 H45	Supply Disruption / Failure	Electricity	High	West Sussex County Council	1. Electricity company contingency plans to maintain supply
SD06	Supply Disruption / Failure	Retail Supplies eg. Food and other essential supplies	High	Horsham District Council	1. Police operating procedures
II01	International Incident	War (Internal) Acts of war taking place inside the UK	Medium	Sussex Police	1. Multi agency contingency plans

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SE06	Structural Emergency	Major reservoir dam failure caused by internal erosion or overtopping	Medium	Environment Agency	<ol style="list-style-type: none"> 1. Reservoir owner normal operating procedures (reservoir damage inspections) 2. Environment Agency are enforcement authority for the Reservoirs Act (1975)
EP03	Environmental Pollution / Infestation	Harmful release during transportation e.g. chemical, biological, radiological or nuclear.	Medium	Environment Agency	<ol style="list-style-type: none"> 1. Individual agency generic emergency plans 2. CBRN procedures
EP04 / H14	Environmental Pollution / Infestation	Harmful release from pipeline e.g. natural gas, ethylene, fuel, oil or untreated sewage.	Medium	West Sussex County Council	<ol style="list-style-type: none"> 1. Major accident hazard pipelines regulations. 2. Multi agency major emergency plan
HL07	Fire / Explosion	At Industrial Site	Medium	West Sussex Fire & Rescue Service	<ol style="list-style-type: none"> 1. Fire service tactical plans 2. Fire service procedural documents 3. West Sussex County major civil emergency plan 4. Generic emergency service plans 5. Sussex Major Emergency Linking Document
IA01	Industrial Action / Staff Shortage	Disruption of emergency response cover e.g. industrial dispute, widespread illness affecting ambulance, fire, police, coastguard, health service	Medium	Sussex Police	<ol style="list-style-type: none"> 1. Emergency Response service contingency (business continuity) plans
SD02 / H39	Supply Disruption / Failure	Water	Medium	Environment Agency	<ol style="list-style-type: none"> 1. Water Company contingency plans

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HL10	Transport	Major crash on road network	Medium	Sussex Police	1. Major accident plans 2. Strategic route diversion plans 3. Highways Agency Traffic enforcement and Emergency response plan (to maintain transport routes)
TR03 / H42	Transport	Sinking of vessel in / near UK waters (including Inland waterways)	Medium	Maritime & Coastguard Agency	1. The National Contingency Plan for Marine Pollution from Shipping and Offshore Installations 2. Major emergency response plans 3. Sussex major emergency linking document
TR04	Transport	Collision involving vessels in / near UK waters (including Inland waterways)	Medium	Maritime & Coastguard Agency	1. The National Contingency Plan for Marine Pollution from Shipping and Offshore Installations 2. Major emergency response plans 3. Sussex major emergency linking document
TR06	Transport	Incident in road tunnel	Medium	Sussex Police	1. Major accident plans 2. Strategic route diversion plans 3. Highways Agency Traffic enforcement and Emergency response plan (to maintain transport routes) 4. Site specific plans (eg, Southwick tunnel plan, Cuilfuail Tunnel plan)
EP01 / H8 H9	Environmental Pollution / Infestation	Harmful release from storage facility or other site Including , industrial premises and laboratories. e.g. chemical, biological, radiological or nuclear.	Medium	Environment Agency	1. COMAH site plans & procedures (for relevant sites) 2. standard emergency operating procedures for non-COMAH sites 3. Multi agency major emergency plans
EP02 / H10 H11 H13	Environmental Pollution / Infestation	Radioactive substance release from nuclear operation NB. Affecting Sussex from neighbouring areas eg, Kent or France.	Medium	East Sussex Fire and Rescue Service	1. Multi agency major emergency plans

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H04	Fire / Explosion	At a fuel distribution site and tank storage of flammable or toxic liquids	Medium	West Sussex Fire & Rescue Service	<ol style="list-style-type: none"> 1. Fire service tactical plans 2. Fire service procedural documents 3. West Sussex County major civil emergency plan 4. Generic emergency service plans 5. Sussex Major Emergency Linking Document
II03 / H37	International Incident	Humanitarian crisis overseas e.g. resulting in large scale immigration to U.K. or aid requirement	Medium	West Sussex County Council	<ol style="list-style-type: none"> 1. West Sussex County Council and Gatwick procedures and plans
PH05 / H39	Public Health	Contamination of water supply e.g. industrial accident, malicious act at water treatment works	Medium	Strategic Health Authority	<ol style="list-style-type: none"> 1. Water company contingency plans to maintain supply
SW06 / H20 H44	Severe Weather	Localised fluvial / pluvial flooding (flash flooding)	Medium	Environment Agency	<ol style="list-style-type: none"> 1. Flood warning service (if available in area affected) 2. Local Authority sandbag schemes 3. Emergency response procedures
HL11	Transport	Incident in rail tunnel	Medium	British Transport Police	<ol style="list-style-type: none"> 1. British Transport Police Tunnel Response plan 2. Fire Service Tunnel response operating procedures
HL12	Transport	Crash involving transport of fuel /explosive chemicals	Medium	West Sussex Fire & Rescue Service	<ol style="list-style-type: none"> 1. Fire service tactical plans 2. Fire service procedural documents 3. West Sussex County major civil emergency plan 4. Generic emergency service plans 5. Sussex Major Emergency Linking Document

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HL13	Transport	Crash involving transport of hazardous chemicals	Medium	East Sussex Fire & Rescue Service	<ol style="list-style-type: none"> 1. Fire service tactical plans 2. Fire service procedural documents 3. County major civil emergency plan 4. Sussex Major Emergency Linking Document
HL14	Transport	Crash involving transport of radioactive materials	Medium	East Sussex Fire & Rescue Service	<ol style="list-style-type: none"> 1. National Arrangements Involving radiation 2. Fire service procedural documents 3. County major civil emergency plan 4. Sussex Major Emergency Linking Document
TR01 / H16	Transport	Aircraft crash	Medium	Sussex Police	<ol style="list-style-type: none"> 1. Air crash emergency plan 2. Major emergency response plans 3. Sussex major emergency linking document 4. Airport specific emergency procedures
TR02	Transport	Rail crash	Medium	Sussex Police	<ol style="list-style-type: none"> 1. Major emergency response plans 2. Sussex major emergency linking document 3. British Transport Police emergency procedures
PS05	Public Safety	Safety at Festivals and Mass Gatherings e.g. Large scale outdoor events (Party in the Park, Lewes Bonfire)	Medium	Brighton and Hove City Council	<ol style="list-style-type: none"> 1. The Dept of National Heritage publication - Event Safety : a guide to health, safety & welfare at music and similar events (known as the purple guide) 2. Event organisers contingency plan 3. Local authority licensing conditions 4. Site emergency plan
HL21	Structural Emergency	Collapse of building (eg. due to land movement or fire/explosion)	Medium	West Sussex Fire & Rescue Service	<ol style="list-style-type: none"> 1. Site specific local authority emergency plans 2. Fire service tactical plans 3. Fire service procedural documents 4. West Sussex County major civil emergency plan 5. Generic emergency service plans 6. Sussex Major Emergency Linking Document

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SD04 / H38	Supply Disruption / Failure	Gas	Medium	West Sussex County Council	1. Gas company contingency plans to maintain supply
CD01 / H28 H29	Civil Disturbance	Riot or serious disturbance This could be a spontaneous event or a planned disruptive protest	Medium	Sussex Police	1. Public order response plans. 2. Mutual Aid Capability
EP05	Environmental Pollution / Infestation	Illegal dumping of toxic waste / material (on land and/or at sea)	Medium	Maritime & Coastguard Agency	1. The National Contingency Plan for Marine Pollution from Shipping and Offshore Installations 2. Multi agency major emergency plan
H01	Fire / Explosion	At a gas terminal as well as LPG, LNG, and other gas onshore feedstock pipeline and flammable gas storage sites	Medium	West Sussex Fire & Rescue Service	1. Fire service tactical plans 2. Fire service procedural documents 3. West Sussex County major civil emergency plan 4. Generic emergency service plans 5. Sussex Major Emergency Linking Document
HL23	Structural Emergency	Collapse of Bridge	Medium	West Sussex Fire & Rescue Service	1. Fire service tactical plans 2. Fire service procedural documents 3. West Sussex County major civil emergency plan 4. Generic emergency service plans 5. Sussex Major Emergency Linking Document
SE05	Structural Emergency	Collapse of highway	Medium	West Sussex Fire & Rescue Service	1. Fire service tactical plans 2. Fire service procedural documents 3. West Sussex County major civil emergency plan 4. Generic emergency service plans 5. Sussex Major Emergency Linking Document

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SD05 / H40 H43	Supply Disruption / Failure	Communication systems e.g. telephone, mobile phone, Internet	Medium	West Sussex County Council	1. Cabinet Office Civil Contingencies Secretariat (UK Resilience) advice
IA03 / H33	Industrial Action / Staff Shortage	Withdrawal of labour within H.M. Prison Service e.g. industrial dispute, widespread illness	Low	Prison Service	1. Liaison with prison authorities
II02	International Incident	War (External) Acts of war taking place outside the UK resulting in large scale repatriation	Low	Strategic Health Authority	1. Multi agency contingency plans
CD02	Civil Disturbance	Riot or serious disturbance in a prison including immigration removal centres and secure training centres	Low	Sussex Police	1. HM Prison Service vital response plan 2. Sussex Police (force Gold) response procedures
IA02 / H34	Industrial Action / Staff Shortage	Port blockade / closure e.g. industrial dispute, widespread illness	Low	Maritime & Coastguard Agency	No formal procedures. Likely impact upon traffic around port location.

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PS01	Public Safety	Hostage / siege incident	Low	Sussex Police	1. Major crime plan 2. Multi agency contingency plans
PS02	Public Safety	Indiscriminate killings / serious injury by individual(s)	Low	Sussex Police	Major crime plan
PS03	Public Safety	Dangerous person at large e.g. escaped violent prisoner / suspect	Low	Sussex Police	1. Normal police operating procedures
PS04	Public Safety	Evacuation of neighbouring counties e.g. influx of people / vehicles in to Sussex	Low	Brighton and Hove City Council	1. Large scale evacuation plan.
PS06	Public Safety	Safety at Sport and Entertainment Venues e.g. Large scale indoor events (Brighton & Hove Albion, Large entertainment venues)	Low	Local Authorities	1. The Dept of National Heritage publication - A Guide to Safety at Sports Grounds (known as the green guide) 2. Police categorised response procedures
SE03	Structural Emergency	Collapse of road tunnel	Low	Sussex Police	1. Multi agency emergency response plans 2. Strategic route diversion plans 3. Highways Agency Traffic enforcement and Emergency response plan (to maintain transport routes)

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PH06	Public Health	Product contamination e.g. Beef infected with BSE, industrial accident, malicious act	Low	Local Authorities	1. Environmental health monitoring procedures 2. Health protection agency plans
II04 / H37	International Incident	Humanitarian crisis overseas(Casualties) e.g. resulting in large scale casualty influx to the U.K	Low	Strategic Health Authority	1. Multi agency contingency plans
PH04	Public Health	Mass fatalities by accidental poisoning or suffocation during transportation (at sea) e.g. carbon monoxide release within contained (ship) environment	Low	Strategic Health Authority	1. Maritime & Coastguard incident procedures
HL08	Fire / Explosion	Forest Fire	Low	East Sussex Fire & Rescue Service	1. Structured Pan Sussex Tactical Training 2. Fire Service Operating Procedures 3. Forest Ranger Plans 4. Local Authority Rest Centre Plans
TE**	Terrorism	Acts of Terrorism	Sussex Police together with Special Branch and the Security Services monitor the risk of terrorist activities and take action to control those risks. Given the sensitivity of the information and potential for use by adversaries, further details regarding action being taken to control the likelihood of this risk will not be made available in this document.		