

Hampshire and Isle of Wight LRF Public Risk Matrix 2021

Last updated 17/02/2021

Impact	Catastrophic	5	R055	R056	R058	R054	R064	R068	R081	R082	R076	RHL17	R091	R093	
			R061	R062	R063	R102	RHL27	R095	RL01	R092	R073				
			R071	RL09	R10	R097	RHL11	R096	R072	RHL04	R099				
	Significant	4	R060	R067	R103	R075	R057	R105	R083	R085	R069	R090	R072	RHL04	R099
			RHL34	RL05	R077	R078	R080	R097	RHL11	R096	R084	R098	R101		
	Moderate	3	R070	R074	RHL22	RHL21	R094	R104	RHL10	RL08	R087	RL04			
R079															
Minor	2	R100	RHL42	RL03											
Limited	1														
			1	2	3	4	5								
			Low	Medium Low	Medium	Medium High	High								
			Likelihood / Plausibility												

Key

- Human and Animal Disease
- Natural Hazards
- Societal
- Accident/System Failure

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Risk Ref	Hazard category	Sub Hazard category	Overall Rating
R054	Accidents & System Failures	Major Fire	Very High
R064	Accidents & System Failures	Large Toxic Chemical Release	Very High
R068	Accidents & System Failures	Accident Involving High Consequence Dangerous Goods	Very High
R069	Accidents & System Failures	Food Supply Contamination	Very High
R076	Accidents & System Failures	Failure of National Electricity Transmission System	Very High
R081	Natural Hazards	Coastal Flooding	Very High
R082	Natural Hazards	Fluvial Flooding	Very High
R083	Natural Hazards	Surface Water Flooding	Very High
R085	Natural Hazards	Poor Air Quality	Very High
R090	Natural Hazards	Heatwave	Very High
R091	Natural Hazards	Low Temperatures and Heavy Snow	Very High
R092	Natural Hazards	Severe Space Weather	Very High
R093	Natural Hazards	Storms	Very High
R095	Human & Animal Disease	Influenza Type Disease	Very High
R096	Human & Animal Disease	The Growth and Spread of Antimicrobial Resistance (AMR)	Very High
R097	Human & Animal Disease	Emerging Infectious Disease	Very High

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R102	Societal	Actual or Threatened Significant Disruption to the Distribution of Fuel by Road, including because of Industrial Action by Fuel Tanker Drivers	Very High
RHL04	Accidents & System Failures	Major Pollution of Surface Waters and Groundwater	Very High
RHL11	Accidents & System Failures	Railway Accident	Very High
RHL17	Natural Hazards	Local Coastal/Tidal Flooding	Very High
RHL27	Accidents & System Failures	Localised Fire or Explosion at an Oil Refinery	Very High
RL01	Natural Hazards	Groundwater Flooding	Very High
RL10	Human & Animal Disease	COVID19 (adapted from COVID19 planning assumptions)	Very High
R072	Accidents & System Failures	Collapse of Major Contractor (Key Public Services / Construction of Infrastructure)	Very High
R073	Accidents & System Failures	Major Social Care Provider Business Failure	Very High
R099	Societal	National Industrial Action by Firefighters in England	Very High
R055	Accidents & System Failures	Fire or Explosion at a Fuel Distribution Site	High
R056	Accidents & System Failures	Fire or Explosion at a Gas Terminal or Storage Site	High
R057	Accidents & System Failures	Explosion at a High-Pressure Pipeline	High
R058	Accidents & System Failures	Fire or Explosion at an Onshore Oil Refinery	High
R061	Accidents & System Failures	Fire or Explosion at an Onshore Fuel Pipeline	High
R062	Accidents & System Failures	Accidental Release of a Biological Pathogen	High

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R063	Accidents & System Failures	Accidental Release of a Biological Substance	High
R075	Accidents & System Failures	Failure of Water Infrastructure or Loss of Drinking Water	High
R077	Accidents & System Failures	Failure of Gas Supply Infrastructure	High
R078	Accidents & System Failures	Disruption or Loss of Telecommunication Systems	High
R080	Accidents & System Failures	Systematic Financial Failure	High
R084	Natural Hazards	Drought	High
R087	Natural Hazards	Volcanic Eruption (overseas affecting air travel)	High
R094	Natural Hazards	Earthquake	High
R098	Human & Animal Disease	Outbreak of Exotic Notifiable Disease in Animals (including birds)	High
R101	Societal	Industrial Action - Public Transport	High
R104	Societal	Public Disorder	High
RHL10	Accidents & System Failures	Accident on Motorway / Major Trunk Roads	High
RHL21	Natural Hazards	Land Movement	High
RL04	Societal	Widespread Industrial Action or Disruptive Action Short of a Strike	High
RL08	Accidents & System Failures	Fire or Pollution at a Waste Site	High
RL09	Accidents & System Failures	Radioactive release	High
R071	Accidents & System Failures	Aircraft collision	High

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R079	Accidents & System Failures	Financial Services - a Technical Failure at a Critical National Infrastructure Retail Bank	High
R060	Accidents & System Failures	Fire or Explosion at an Onshore Ethylene Gas Pipeline	Medium
R067	Accidents & System Failures	Maritime Pollution	Medium
R070	Accidents & System Failures	Radiation Exposure from Stolen Goods.	Medium
R074	Accidents & System Failures	Reservoir or Dam Collapse	Medium
R100	Societal	Industrial Action by the Prison Officers Association	Medium
R103	Societal	Actual or Threatened Significant Disruption to Fuel Supplies as a Result of an Insolvency at a Key Refinery or Terminals	Medium
R105	Societal	Influx of British Nationals	Medium
RHL22	Accidents & System Failures	Building Collapse or Bridge Closure/Collapse	Medium
RHL34	Accidents & System Failures	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	Medium
RHL42	Societal	Industrial Action of Emergency Service Workers	Medium
RL03	Accidents & System Failures	Removal of Explosive Ordnance (EO)	Medium
RL05	Accidents & System Failures	Incidents Involving Piers and Similar Maritime Structures	Medium