

# Chapter 1 Introduction

## Revision to *Emergency Preparedness*

Type of risk	Risk categories (and sub-categories)	Outcome description	Likelihood assessment, lead department and assumptions	Variation and further information	Likelihood rationale
	<b>Industrial accidents and environmental pollution</b>				
e.g. H1	Fire or explosion at a gas terminal as well as LPG, LNG and other has onshore feedstock pipeline and flammable gas storage sites	e.g. Up to 3km around site causing up to 500 fatalities and 1,500 hospitalisations. Gas terminal event likely to be of short duration once feed lines are isolated; event at a storage site could last for days if explosion damaged control equipment	<b>Likelihood rating:</b> <b>Lead:</b> Fire and Rescue Service (F&R)/Health and Safety Executive (HSE) <b>Assumptions:</b>		
e.g. H2	Fire or explosion at an onshore ethylene gas pipeline	e.g. Up to 3km around site causing up to 500 fatalities and 1,500 hospitalisations and serious downstream impact on oil and chemical production	<b>Likelihood rating:</b> <b>Lead:</b> HSE <b>Assumptions:</b>		
e.g. HL1	Fire or explosion at a gas terminal, or involving a gas pipeline	e.g. Up to 3km around site causing up to 10 fatalities and 100 hospitalisations	<b>Likelihood rating:</b> <b>Lead:</b> HSE <b>Assumptions:</b>		
	Fire or explosion at an oil refinery		<b>Likelihood rating:</b> <b>Lead:</b> HSE <b>Assumptions:</b>		

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	<b>Structural hazards</b>				
	Land movement (tremors and landslides)		Likelihood rating: Lead: Fire		
	Building collapse		Likelihood rating: Lead: Fire/HSE		
	<b>Human health</b>				
	Influenza-type disease (epidemic)		Likelihood rating: Lead: Department of Health (DH)		
	Influenza-type disease (pandemic)		Likelihood rating: Lead: DH		
	SARS-type disease		Likelihood rating: Lead: DH		
	<b>Animal health</b>				
	Non-zoonotic notifiable animal disease (e.g. FMD, Classical Swine Fever, Blue Tongue and Newcastle disease of birds)		Likelihood rating: Lead: Defra		
	Zoonotic notifiable animal diseases (e.g. Highly Pathogenic Avian Influenza (HPAI), rabies and West Nile Virus)		Likelihood rating: Lead: Defra		