



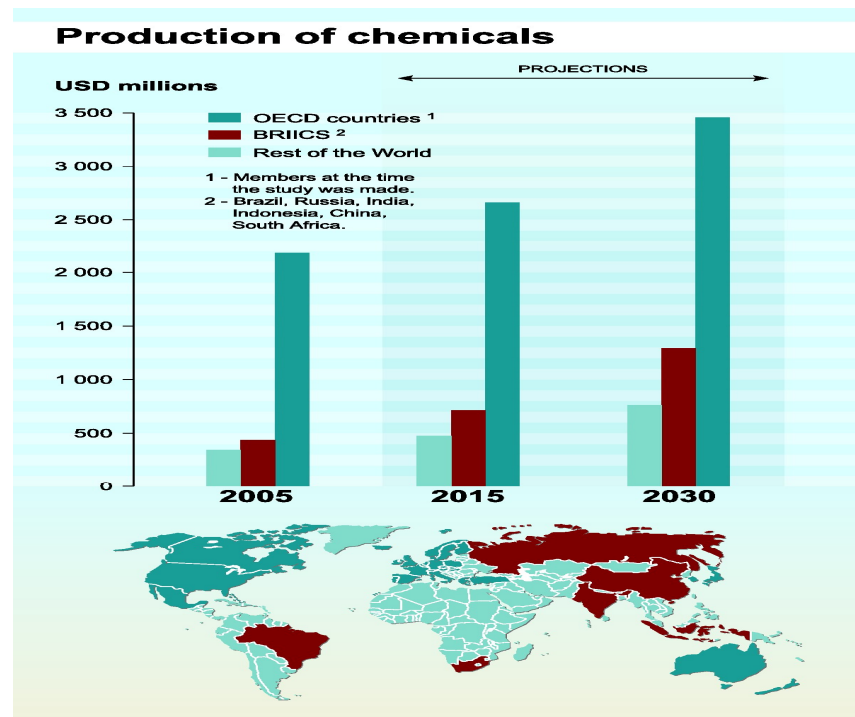
Public Health
England

The Public Health Management of Chemical Incidents : Key Points

***Professor David Russell, Co-Head, The WHO Collaborating Centre for Chemical Incidents,
Public Health England***



Trends in Chemical Production



Source: OECD (2008); *Environmental Outlook to 2030*



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Types of Chemical Incident

- Technological
- Complex
- Deliberate
- Natural
- Disease Outbreaks



Emergency preparedness

Emergency Response

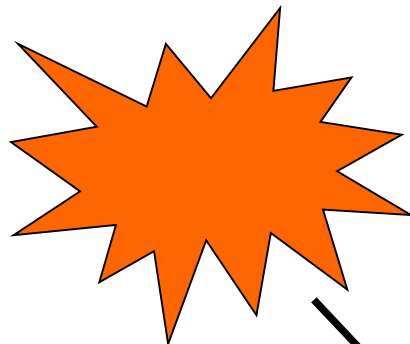
Research , surveillance

Strategic Planning

Professional development

Alert and Response systems

Training



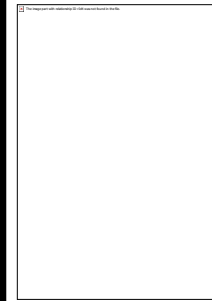
Casualties

Toxicological effects

Psycho-social effects

Reproductive effects

Cancers



Acute

Chronic



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Key Roles of Public Health

- To identify hazards pertaining to communities.
- To prioritise risks and contribute to mitigating risks e.g. land use planning, development of community scenarios.
- To plan and prepare accordingly.
- To contribute to unified command and control structures as part of integrated emergency management.
- To promote recovery post incident by means of integrating clinical, laboratory and epidemiological investigation.
- To empower communities through engagement, risk and crisis communication.