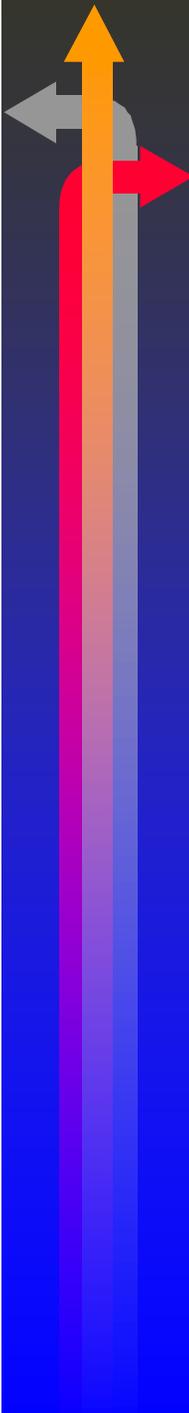




Workshop on Legislative Requirements for Oil Spill Response

**Astana, Kazakhstan
April 18 - 19, 2001**



Programme

- ← Realities of Oil Spill Response
- ← Contingency planning
- ← Strategies for Response
- ← Response Management
- ← Net Environmental Benefit
- ← Questions and Answers



Realities of Oil Spill Response









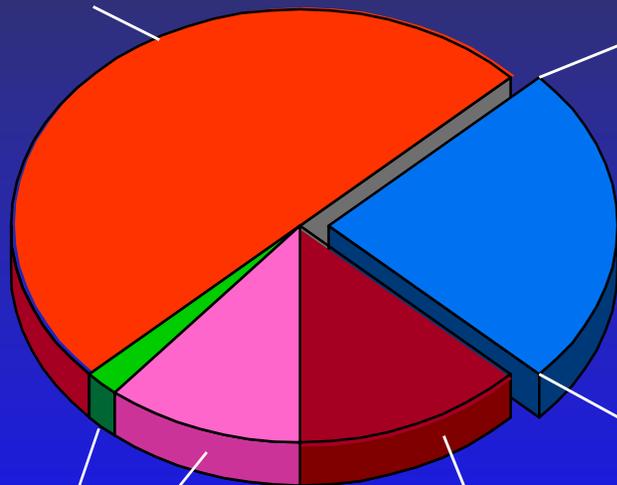
Oiled seal pup



Oil Inputs to the Marine Environment

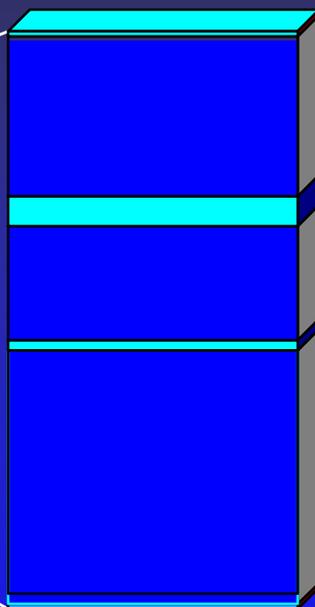
Total= 2.35 Mt

Land based



Natural Atmosphere

Offshore production



Scrapping ships

Tanker operations

Marine terminals

Tanker accidents

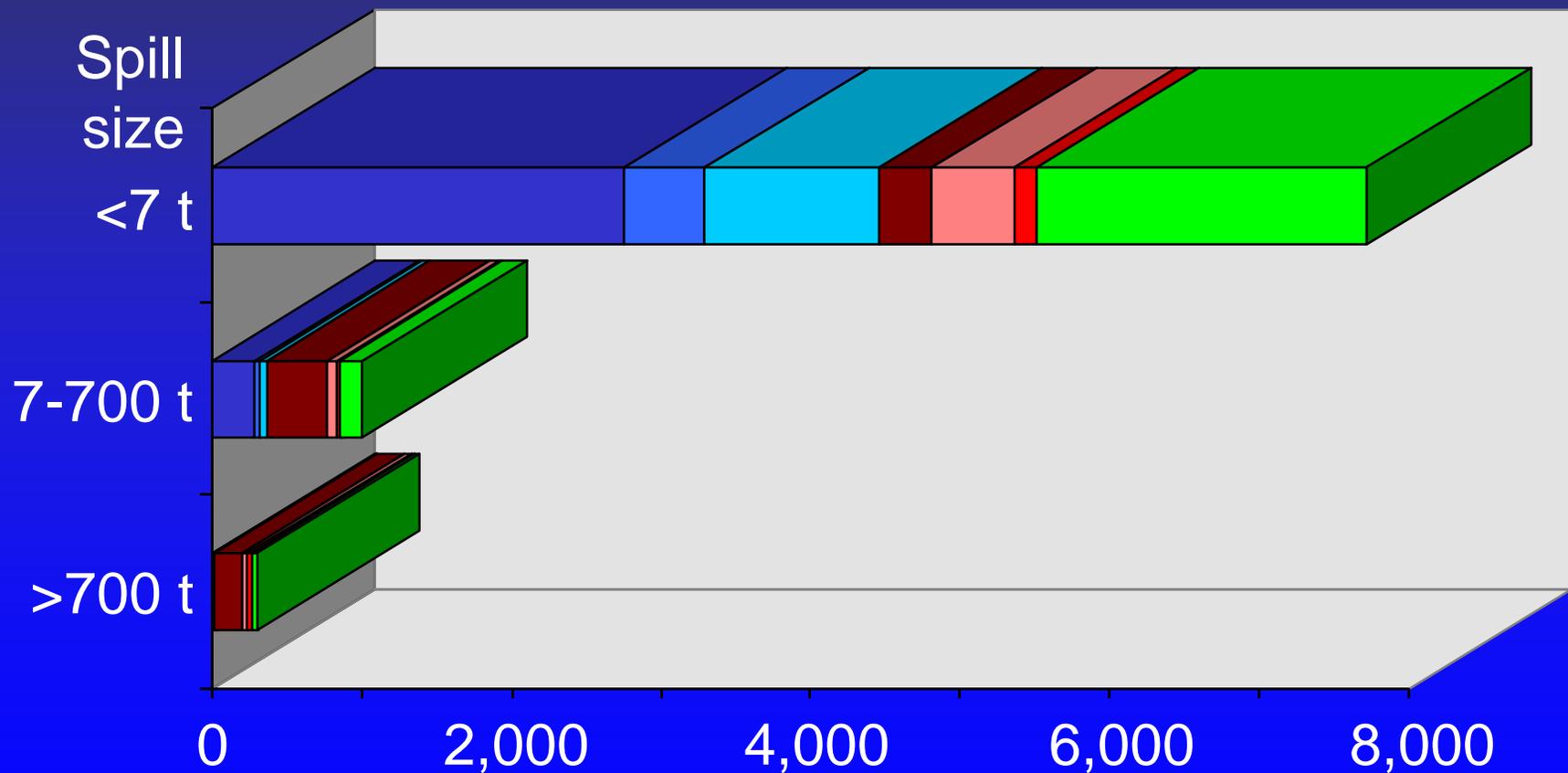
Non tanker accidents

Bilges & fuel oil

Dry docking

Transportation

Causes of Spills by Size



Number of spills

Source: ITOPF data over 23 years