



Presentation to **Scotland's Water Safety Reference Group**



national
water safety
forum

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The Forum



Around 300 organisations

100's millions visits (risk) annually

Regulators, managers and risk creators

Swim
Sea
Watersports
Inland
Beach

} Coordinating Group

Communications
Evidence
Co-optee's

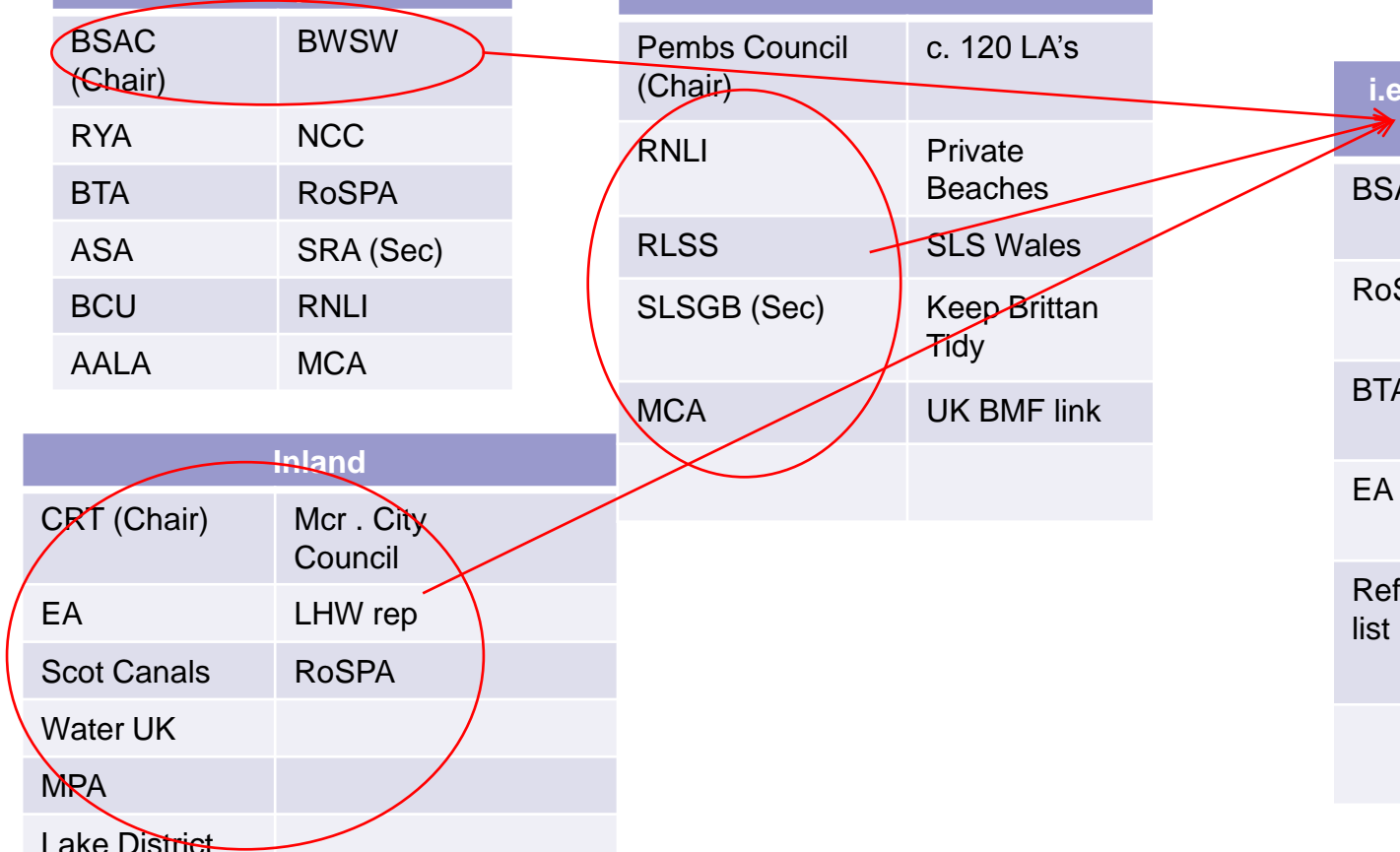
Advisory/Work groups

Watersports	
BSAC (Chair)	BWSW
RYA	NCC
BTA	RoSPA
ASA	SRA (Sec)
BCU	RNLI
AALA	MCA

Beach	
Pembs Council (Chair)	c. 120 LA's
RNLI	Private Beaches
RLSS	SLS Wales
SLSGB (Sec)	Keep Brittan Tidy
MCA	UK BMF link

Inland	
CRT (Chair)	Mcr . City Council
EA	LHW rep
Scot Canals	RoSPA
Water UK	
MPA	
Lake District NPA	

i.e. Open Water Swim advice	
BSAC	CRT
RoSPA	ASA
BTA	CG
EA	Water UK
Reference list	x300 orgs



Policy drivers

- DfT & Transport Select Committee inquiry programme following incidents such as Swan capsized, from c.2000-06.
- Latterly, flood programme re-looked at SAR capacity and coordination (DeFra, Scottish Gov).

Considered:

- Responsibility and coordination
- Evidence base
- Capacity for self-regulation
- Need/desire for state regulation
- Conflicting views of 'risk'

All identified the need for **agreed, independent evidence on levels of harm and risk.**

Water safety is increasingly framed as a public health (and rights) issue.

Good evidence and coordination of effort is critical within this approach

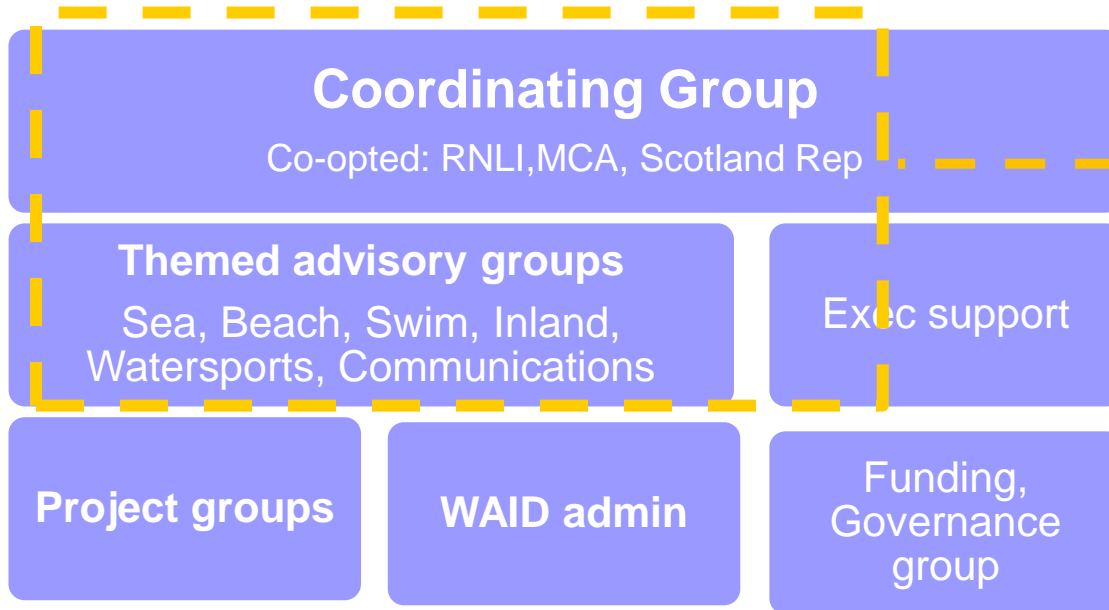


<http://www.parliament.uk/pa/cm/cmselect/transport/022/022.pdf>
<http://www.acofand.gov.uk/ResponseDoc224624/0001072.pdf>
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https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/211599/ib_130702.pdf
<https://www.gov.uk/government/publications/reclaiming-health-and-safety-for-all-lofstedt-report>
<http://www.nedspchallenge.cabinetoffice.gov.uk/themes/home.htm#me>

A potted history...

- Uncoordinated data. Multiple reports and views on level of harm ect
- Lack of clarity as to whom actually is responsible (Transport SC / MAIB)
- Specify and build WAID
- Develop consensus on values, drivers, benefits and tolerability of risks (core members)
- Leaver network and Government relationships
- Increasingly use network/information to influence
- Move towards a more outward/public facing strategy
- Reshape to reflect above

Structure and opportunities



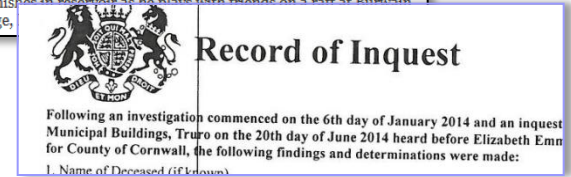
Reporting/ collaboration links to aligned networks:

- UK SAR CC & Regions
- APPG accident prevention
- ILSF/E

Emerging networks:

- Region/Local prev. groups (c.30)
 - CFOA water safety prevention
- National risk management groups
 - APPG water safety
 - ILSF/E
 - WHO

Water Incident Database (WAID)



115,000 SAR reports

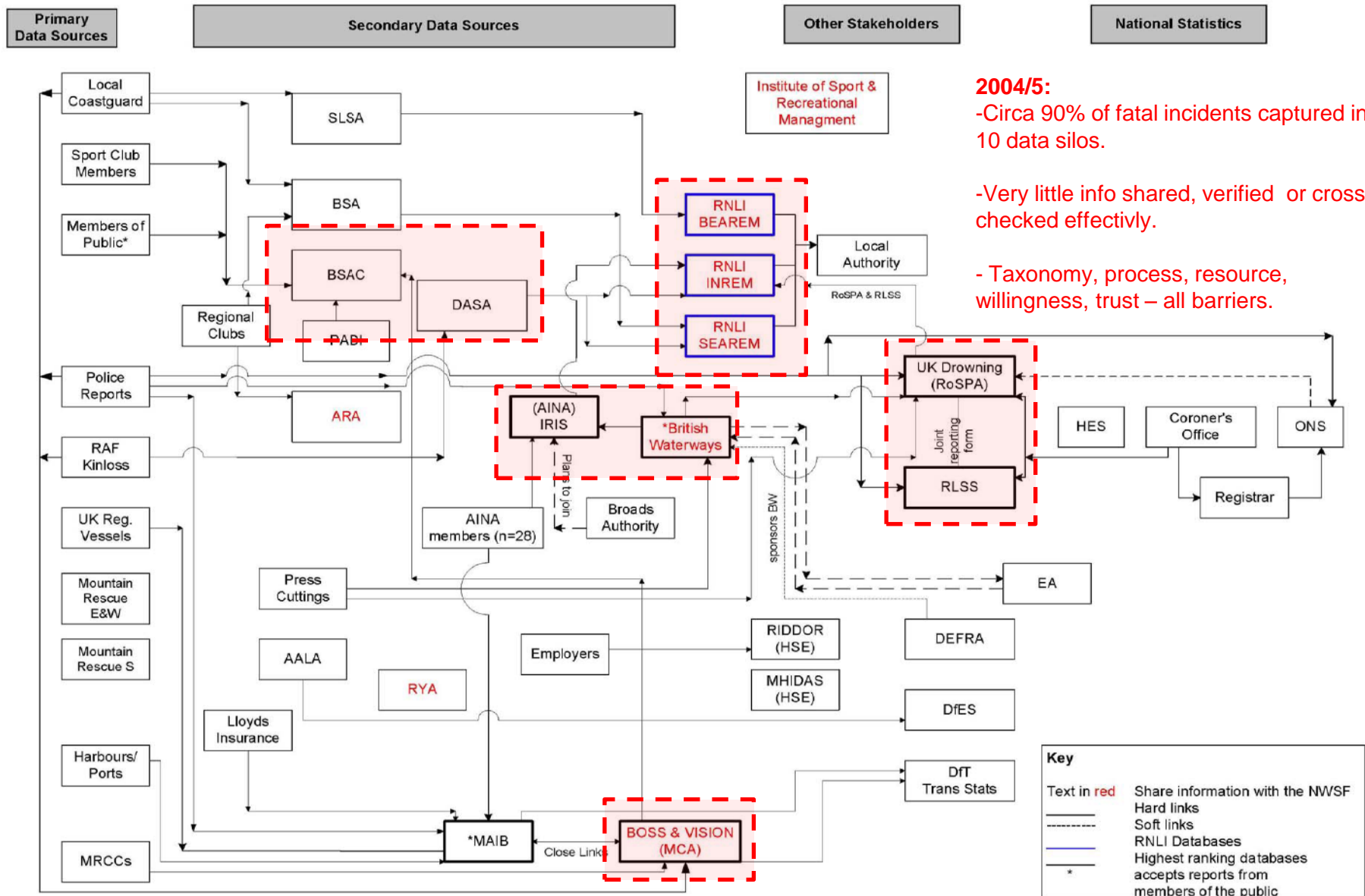
1000 press reports

300 Inquests/Investigations

= **650** annual records of death in water (**400** accidents)

= 100,000+ known other severity events

In one common and detailed format.



2004/5:
 -Circa 90% of fatal incidents captured in 10 data silos.

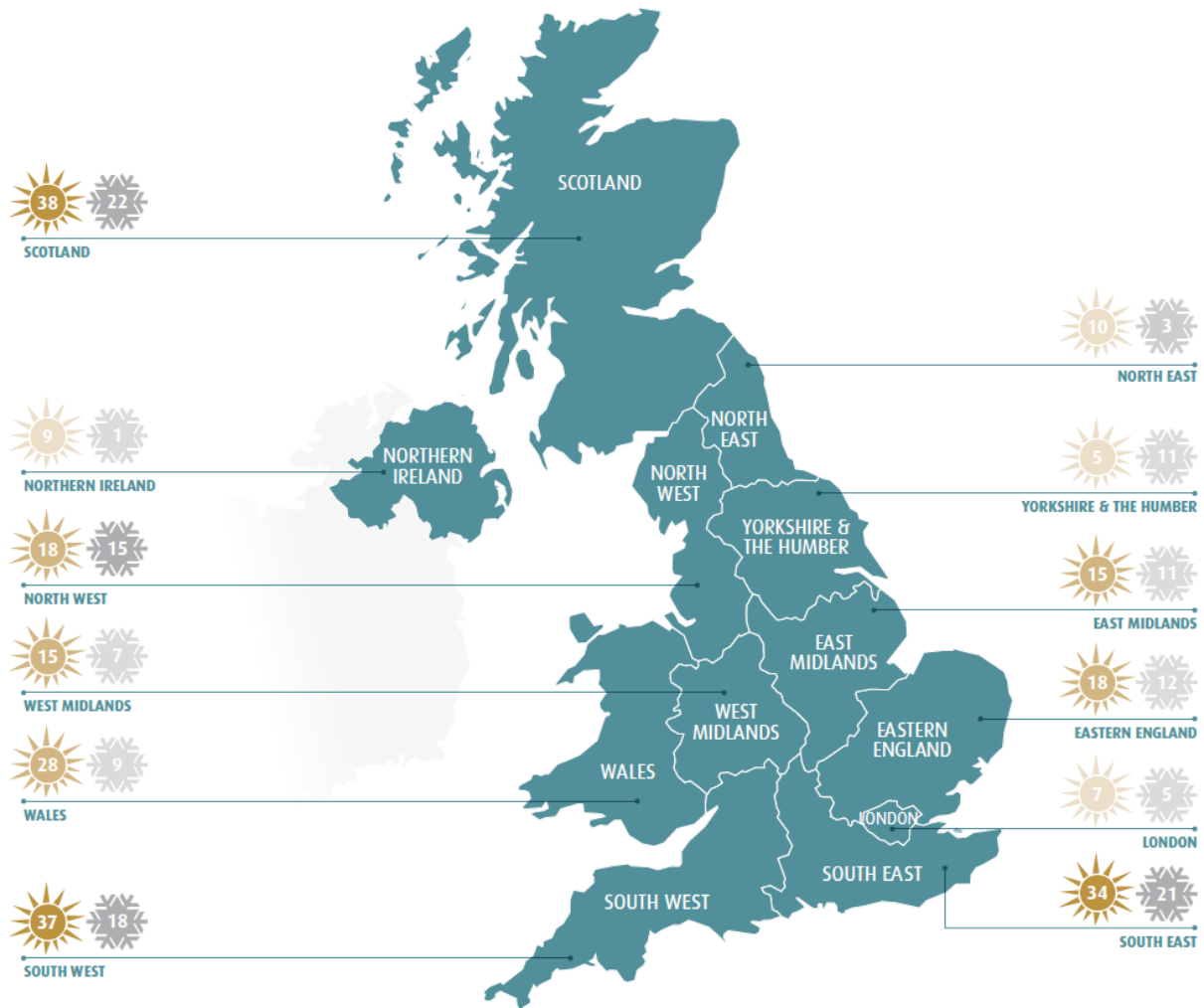
-Very little info shared, verified or cross checked effectively.

- Taxonomy, process, resource, willingness, trust – all barriers.

Figure 1 Relational diagram to show current commonalities and data linkage

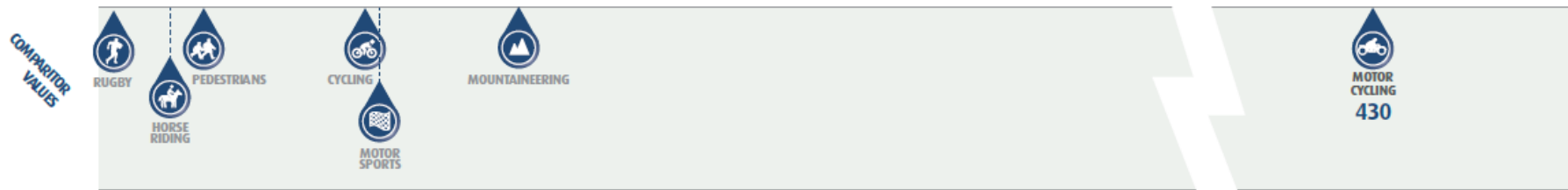
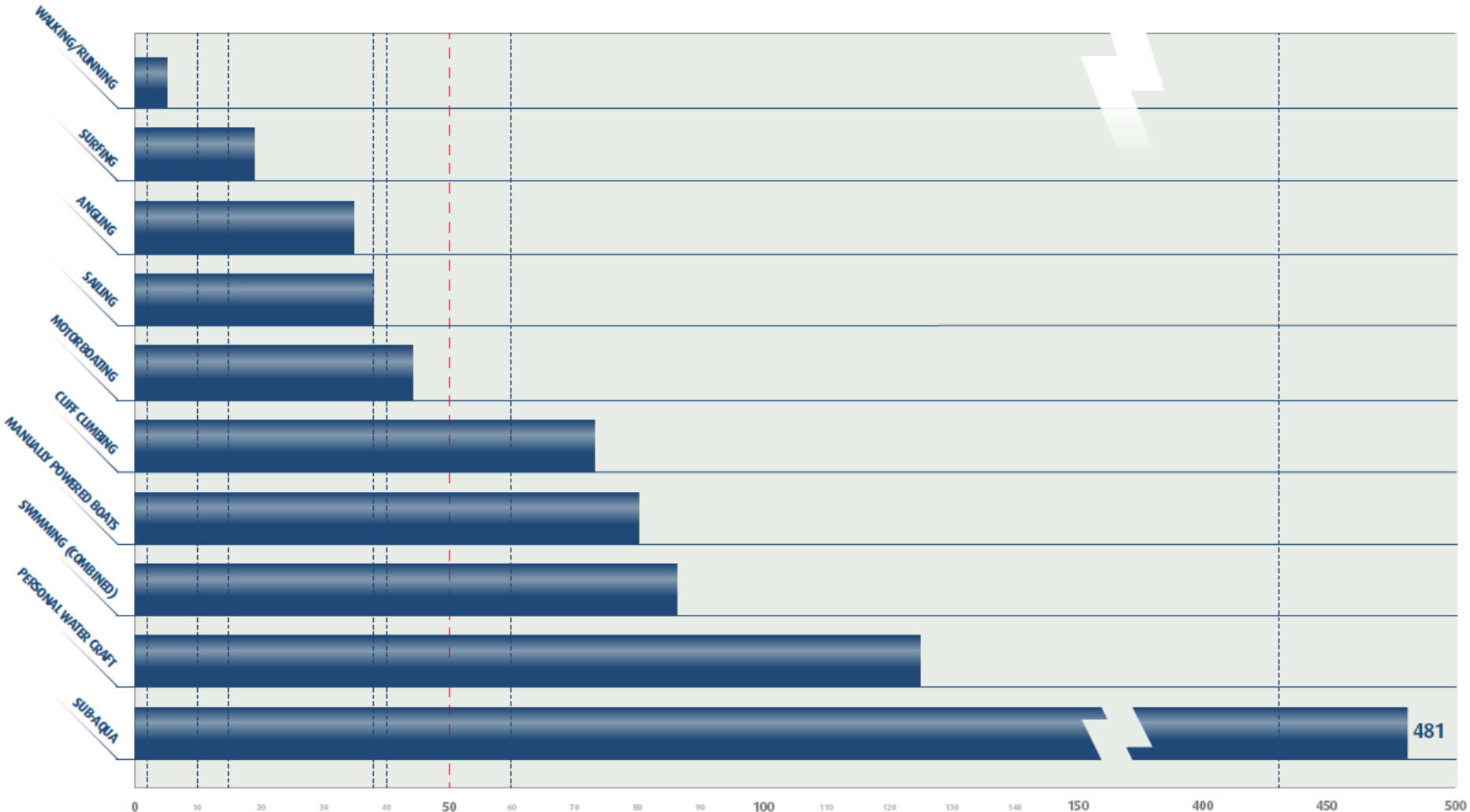
WAID development

- Underpin evidence based approach. **Driven by its stakeholders**
 - Remain independent of any one organisation or interest
 - Focus on risk based approaches
 - Broaden, improve service and self-service basis
-
- Flexible approach to technical changes
 - Greater public facing aspect
 - Taxonomy aspect could be used as db, research hub?



Fatal Accident Rate per 100 million hours exposure

Blue bars use WAID incident data and WSLP participation and exposure data



WAID Data Analysis & Reporting

[Home](#) > [Reports & Queries](#) > [Query Incident Casualties Reports](#)

Select Incident Record Date Range

Start Date: End Date:

Click a column header here to group by that column

Incident Id	Date	What Happened	Activity	Post Code	Latitude	Longitude	OS Reference	Location Name	Location Type	Location Feature	Wind	Visibility	Wa
20237	01/01/2012 00:00:00	Person Fell/Swept/Overboard into the water	Manually powered boats	LA105NE	54.350000	-2.481000	368832,495045	River Rawthey, Cumbria	River	Flowing water	Not Recorded	Not Recorded	Not
20238	01/01/2012 00:00:00	Body Recovered	Person/object in water, person of uncertain status	CO124DU	51.931200	1.266200	624642,230892	lake, Essex	Lake/Loch/Lough	Open water	Not Recorded	Not Recorded	Not
20239	01/01/2012 00:01:00	Body Recovered	Person/object in water, person of uncertain status	IV304AW	57.652694	-3.295926	322758,863273	East nbank of River lossie nr Lossiemouth	River	Path/Embankment/Cutting	Not Recorded	Not Recorded	Not
21210	01/01/2012 09:50:00	Person Tired/Overwhelmed by water	Jumping/diving in	PO188XA	50.838032	-0.903373	477314,104852	Hayling Island	Coast/Shore/Beach	Inshore/Breakwater	Not Recorded	Not Recorded	Not
21211	01/01/2012 15:24:00	Person Fell/Swept/Overboard into the water	Manually powered boats	PL146RU	50.490624	-4.507255	222252,68651	River Fowey	River	Flowing water	Not Recorded	Not Recorded	1.5
21212	02/01/2012 00:00:00	Person Fell/Swept/Overboard into the water	Manually powered boats	SY84DX	52.342052	-2.725067	350699,271801	River Teme	River	Flowing water	Not Recorded	Not Recorded	Not
21213	04/01/2012 16:00:00	Body Recovered	Person/object in water, person of uncertain status	TS182QW	54.563500	-1.287800	446151,518928	River Tees	River	Bridge - all types	Not Recorded	Good	Not
21214	06/01/2012 00:00:00	Person Tired/Overwhelmed by water	Jumping/diving in	NE13RT	54.966030	-1.612020	424938,563560	Blaydon, Newcastle	River	Flowing water	Not Recorded	Not Recorded	Not
21216	08/01/2012 11:41:00	Person Fell/Swept/Overboard into the water	Waterside activity/in water play	TR72RZ	50.419799	-5.070218	182001,62278	Newquay	Coast/Shore/Beach	Cliff/High ground/Precipice	Not Recorded	Not Recorded	Not
21217	08/01/2012 19:23:00	Ill/Injured/Person Fell, not in the water	Jumping/diving in	DG98PL	54.877771	-4.879290	215374,557465	Dunragit	Coast/Shore/Beach	Cliff/High ground/Precipice	Not Recorded	Not Recorded	Not

[Create Filter](#)

Records per page: Showing 1-10 of 724 << < Page of 73 > >>

csv



Data entry

Add Stakeholder Records

Select a Specific Stakeholder

Select Stakeholder to enter data for

Stakeholder Records

Event Date and Time: ⓘ ⓘ Stakeholder's Reference: ⓘ

Please enter at least one Location Field. Preferably Latitude and Longitude.

Latitude: ⓘ Longitude: ⓘ

OS Reference: ⓘ Postcode: ⓘ

Location Name: ⓘ

Location Type: ⓘ Location Feature:

Wind: Visibility:

Water Depth:

Activity: ⓘ ⓘ

What Happened? ⓘ ⓘ

Select the option which best describes the reason the incident occurred.

What Caused Incident: Adverse Environmental Conditions.
 Human Factor
 Machine/Equipment Problems

Narrative
Enter brief factual account of record but bear in mind that the information entered will be accessible to others and so must comply with data protection rules and regulations. If unsure, contact data manager for more information.

Data entry cont..

Add another Casualty



Casualty 1

Casualty Location Information the same as Accident

Date of Birth:



Age:



Age Category:

Gender:

Intoxication:
 Suspected Alcohol
 Suspected Drugs

Causal Factors:

Injury:



Injury Details:

Select all that apply

- | | |
|---|--|
| <input type="checkbox"/> Amputation of hand/fingers/toe | <input type="checkbox"/> Dislocations |
| <input type="checkbox"/> Asphyxiation - due to lack of oxygen in enclosed space | <input type="checkbox"/> Eye injuries |
| <input type="checkbox"/> Bruising | <input type="checkbox"/> Fracture - of the skull/spine/pelvis/major bone in arm or leg |
| <input type="checkbox"/> Burn/shock electrical | <input type="checkbox"/> Fracture - other |
| <input type="checkbox"/> Burns/scalds - other | <input type="checkbox"/> Further medical attention required [beyond basic on-site first aid] |
| <input type="checkbox"/> Chemical poisoning/burns from contact or inhalation | <input type="checkbox"/> Hypothermia - body temperature too cold |
| <input type="checkbox"/> Concussion/unconsciousness due to head injury | <input type="checkbox"/> Immersion |
| <input type="checkbox"/> Crush injury | <input type="checkbox"/> Other <input type="text"/> |
| <input type="checkbox"/> Cuts/wound/lacerations [inc accidental hypodermic punctures] | <input type="checkbox"/> Strains - other strains/sprains/torn muscles/ligaments |
| <input type="checkbox"/> Death - confirmed | <input type="checkbox"/> Strains - strained back |
| <input type="checkbox"/> Death - presumed | <input type="checkbox"/> Unknown |

Awaiting Coroners Report:
 Yes
 No

Outcome:



Save