

Analysis of Significant Incidents Reported in 2016

Andrea & Stephen Worley

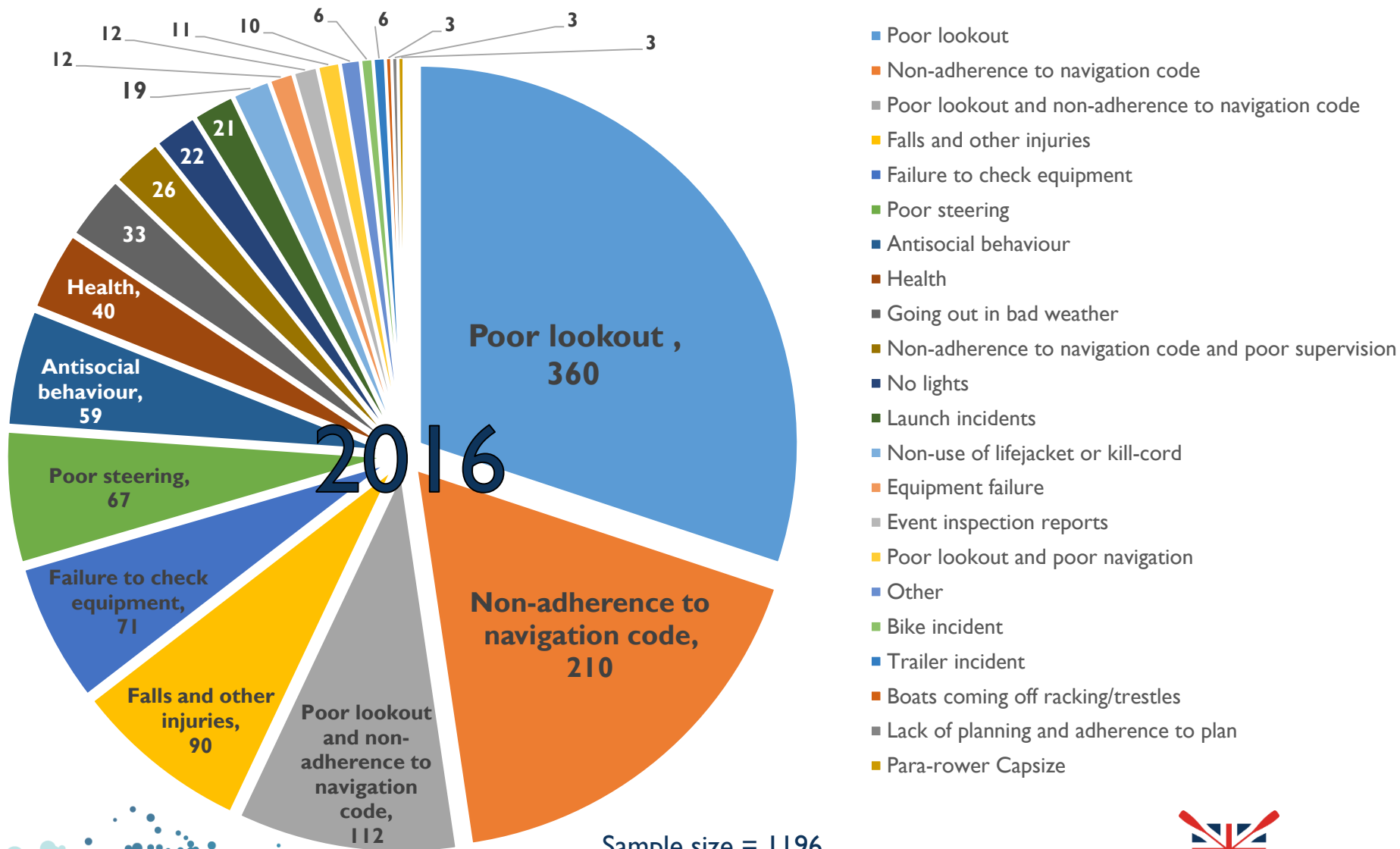
February 2017



All incidents

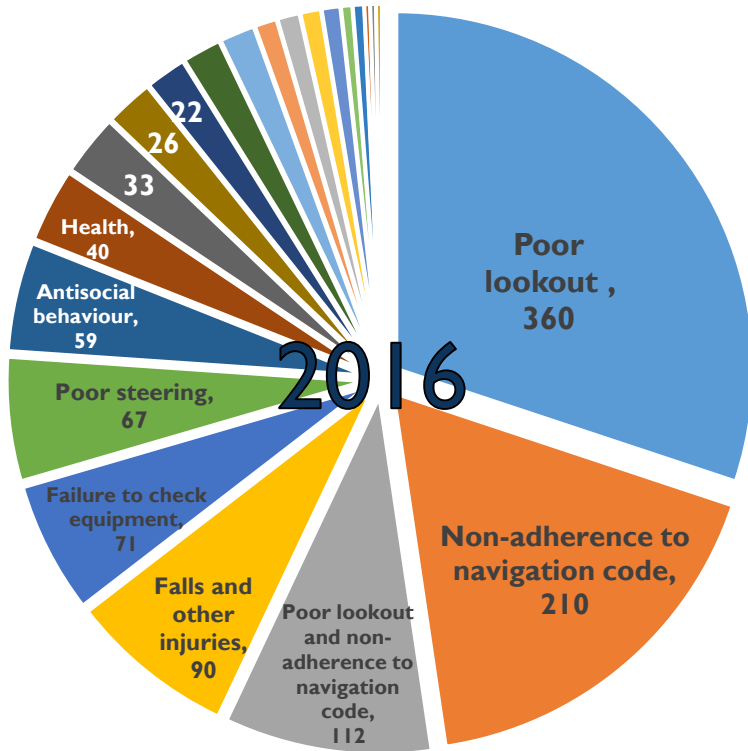
Analysis of Significant rowing incidents by cause - 2016

Significant accidents = all except simple capsizes (most result in collisions or near collisions)

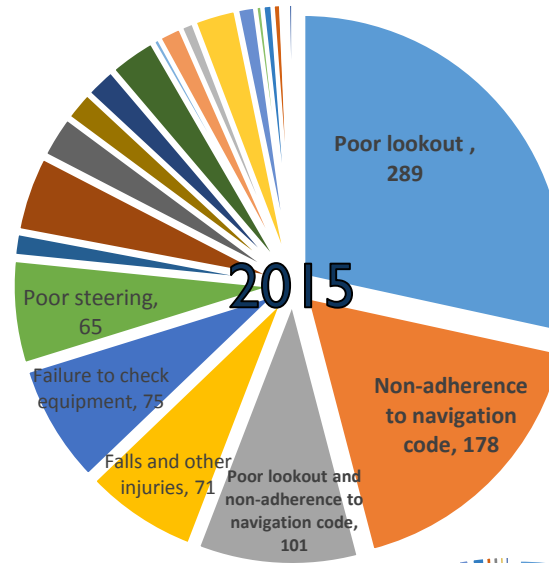


Sample size = 1196

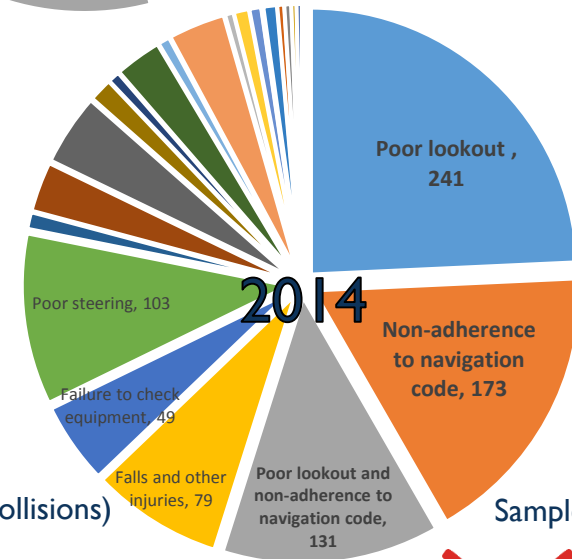
Comparison with previous years



Sample size = 1196



Sample size = 1017



Sample size = 993

Significant accidents = all except simple capsizes (most result in collisions or near collisions)



BRITISHROWING

Description	2014		2015		2016	
	No.	%	No.	%	No.	%
Poor lookout	241	24%	289	28%	360	30%
Non-adherence to navigation code	173	17%	178	18%	210	18%
Poor lookout and non-adherence to navigation code	131	13%	101	10%	112	9%
Falls and other injuries	79	8%	71	7%	90	8%
Failure to check equipment	49	5%	75	7%	71	6%
Poor steering	103	10%	65	6%	67	6%
Antisocial behaviour	10	1%	14	1%	59	5%
Health	30	3%	47	5%	40	3%
Going out in bad weather	43	4%	26	3%	33	3%
Non-adherence to navigation code and poor supervision	14	1%	18	2%	26	2%
No lights	7	1%	19	2%	22	2%
Launch incidents	28	3%	29	3%	21	2%
Non-use of lifejacket or kill-cord	7	1%	4	0%	19	2%
Equipment failure	34	3%	14	1%	12	1%
Event inspection reports	5	1%	8	1%	12	1%
Poor lookout and poor navigation	9	1%	26	3%	11	1%
Other	7	1%	11	1%	10	1%
Bike incident	1		4		6	1%
Trailer incident	8	1%	6	1%	6	1%
Boats coming off racking/trestles	4		5		3	
Lack of planning and adherence to plan	4		2		3	
Para-rower Capsize	3		2		3	
Clothing	3		3			
Total	993	100%	1017	100%	1196	100%

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Red = Cause is Behaviour related

Is it getting better?

In the last 3 years over 55% of incidents could have been avoided by:

- Keeping a good lookout
- Adhering to the navigation plan

2014	2015	2016
55%	56%	57%

and over 92% could have been avoided by safer behaviour.

2014	2015	2016
92%	92%	94%

The most common behaviour related causes are:

- Not keeping a good lookout on land as well as on the water
- Not adhering to the navigation plan
- Failing to check equipment
- Poor steering
- Antisocial behaviour (see below)

Near misses

There was a large increase in reports of unsafe behaviour which did not result in contact or harm.

2014	2015	2016
155 (16%)	174 (17%)	272 (23%)

These reports include:

- near collisions
- not wearing a lifejacket or not using a kill-cord
- excessive noise
- verbal abuse
- creating wash
- event inspections
- poor lookout
- not adhering to navigation code
- poor steering

Normalising the data

It is impossible to normalise the data as there is no measure of the level of activity in each year.

- Significant incidents reported - up 17.6%
- Total BR membership – up 1.6%
- Gold BR membership – up 1.7%

The increase in the number of incidents reported may be due to an increase in the :-

- number of incidents that occurred
- familiarity with the Incident Reporting system
- willingness to report incidents
- number of competitive rowers in training
- increase in the number of near miss reports

Harm resulting from Incidents



Harm caused to People

Harm caused to people	2014		2015		2016	
	No.	%	No.	%	No.	%
No harm	821	83%	823	81%	989	83%
Minor injuries such as cuts and bruises	75	8%	82	8%	104	9%
Significant injuries - few days off rowing	64	6%	60	6%	57	5%
Serious injuries - week or more off rowing including concussion & broken bones	33	3%	51	5%	42	4%
Fatalities			1		4	
Total	993	100%	1017	100%	1196	100%

On average, every week there is:

- One significant injury resulting in a few days off work and
- One serious injury resulting in one then one week off work

The fatalities in 2016 were all tragic health related incidents.

Damage caused to Property

Damage caused to property	2014		2015		2016	
	No.	%	No.	%	No.	%
No damage	691	69%	754	74%	830	69%
Repairs costing less than £100	119	13%	89	8%	86	7%
Repairs costing between £100 and £1000	114	11%	124	12%	233	19%
Repairs costing over £1000	63	6%	42	4%	40	3%
Loss of boat	6	1%	7	1%	6	1%
Total	993	100%	1017	100%	1196	100%

Total cost in the region of:

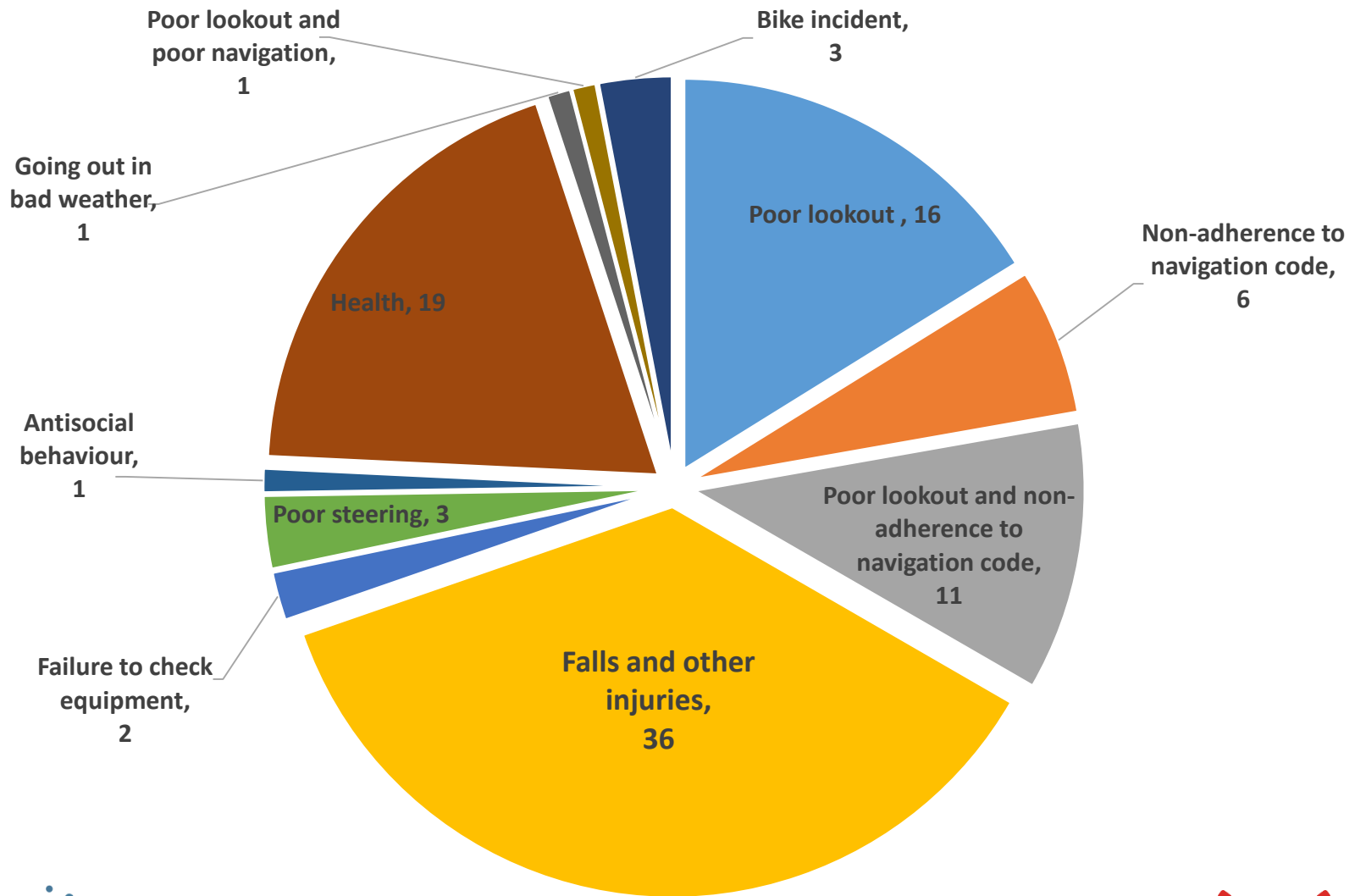
£290,000 in 2014

£230,000 in 2015

£270,000 in 2016

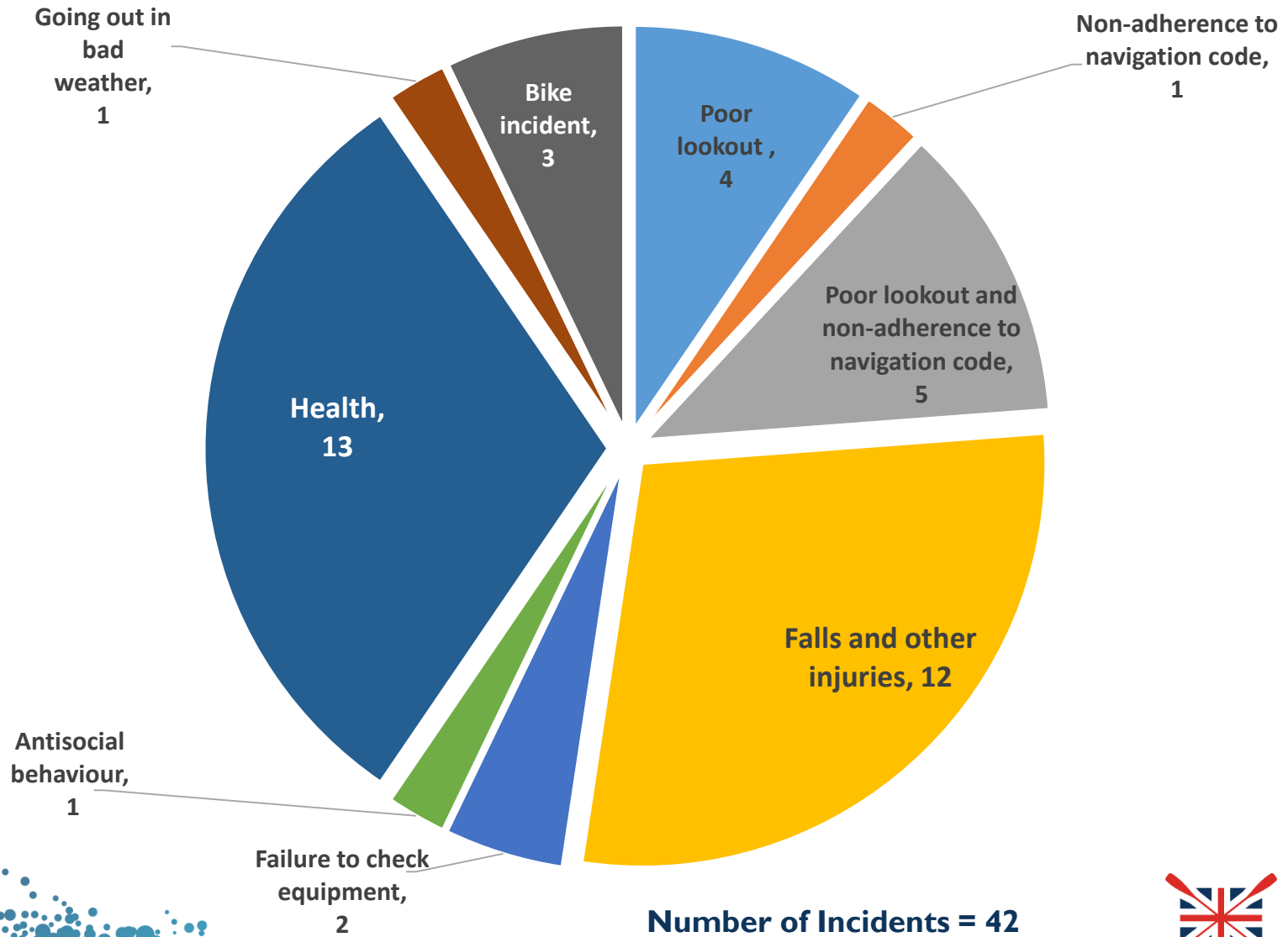
In 2016 there was, on average, around £5,200 of damage to boats and equipment each week.

Causes of 2016 Incidents resulting in time off rowing



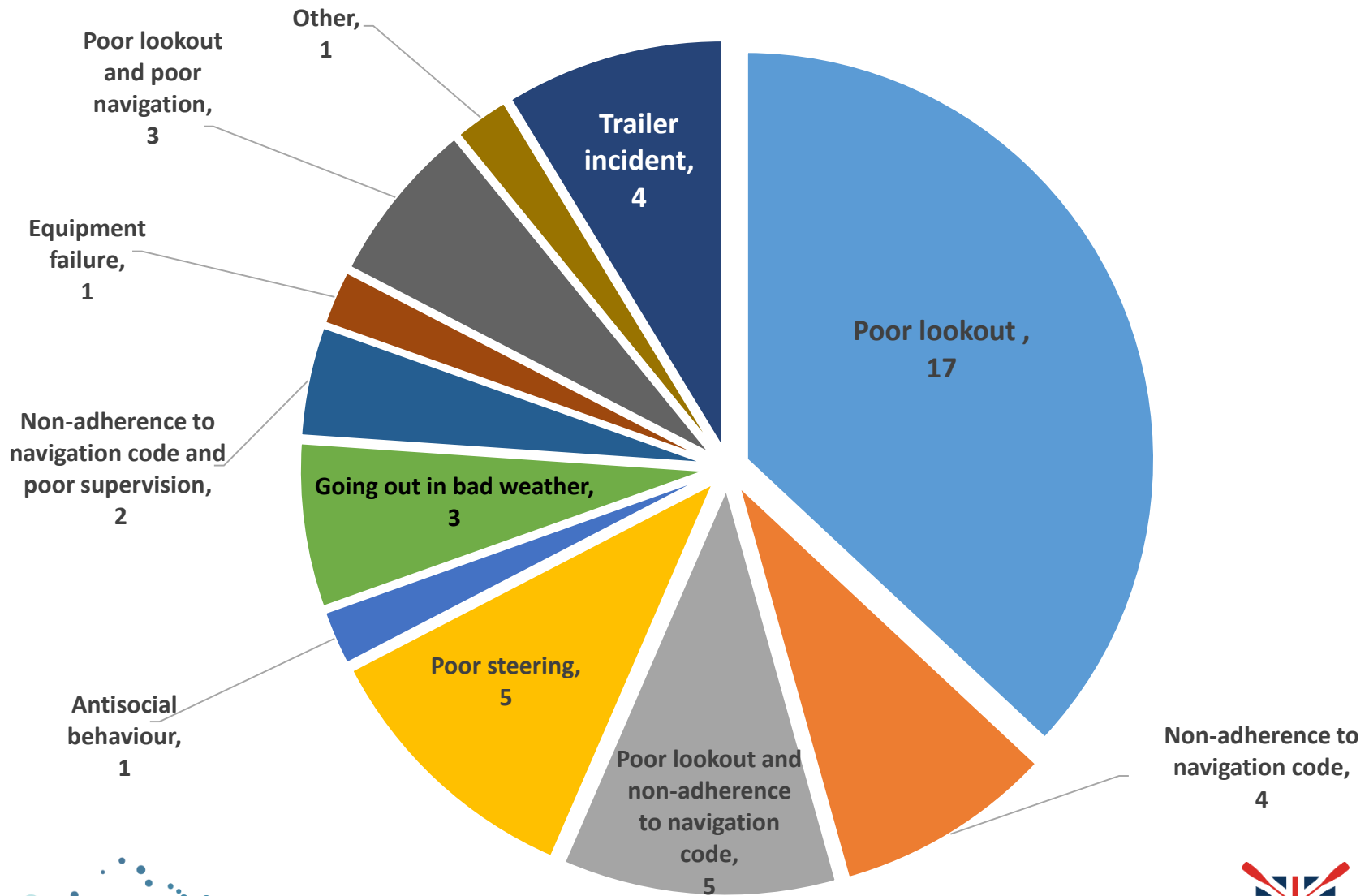
Number of Incidents = 99
Does not include fatalities

Causes of 2016 Incidents resulting in a week or more off rowing



Number of Incidents = 42
Does not include fatalities

Causes of 2016 Incidents resulting in more than £1000 damage



Number of Incidents = 46

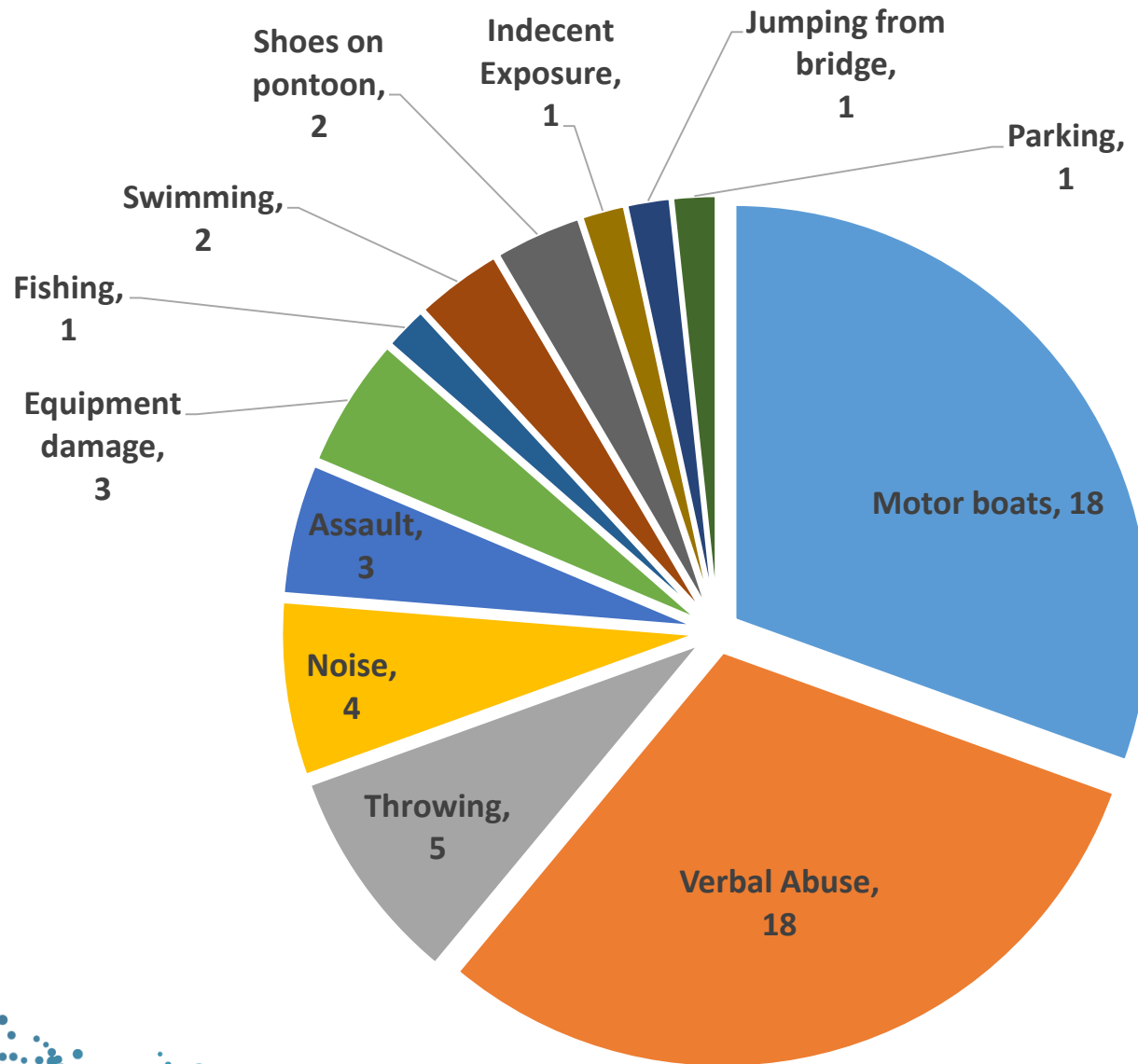
Antisocial Behaviour

Antisocial Behaviour

In 2016 there was a significant increase in the number of Incidents caused by Antisocial Behaviour. 59 Incidents compared with 14 in 2015 and 10 in 2014.

Antisocial behaviour	No. of Incidents
Motor boats – including reckless driving, causing excess wash	18
Verbal Abuse – to and between rowing boats	18
Throwing stones and other missiles	5
Excessive noise	4
Assault	3
Equipment damage – malicious damage to boats or equipment	3
Fishing	1
Swimming near rowing boats or on regatta course	2
Shoes on pontoon	2
Indecent Exposure	1
Jumping from bridge	1
Parking	1
Total	59

2016 Incidents caused by Antisocial Behaviour



Number of Incidents = 59

Simple Capsizes

Analysis of Simple Capsizes

604 capsizes due to simple technique mistakes or competence issues were reported in 2016 (610 in 2015, 430 in 2014).

Of these:-

- 71 (12%) involved drills
- 50 (8%) occurred when getting into or out of the boat, or arriving at or leaving the landing area
- 31 (5%) occurred because a sculler let go of the blades
- 30 (5%) occurred when turning the boat

If you have any questions or would like more information,
please contact Andrea and Stephen Worley at:

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or phone 07775 897084