

## Appendix 16

### Yacht racing at sea



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**Table A16.1: Summary of sample confidence levels**

Responses	Spatial data	Questionnaire data
<30	Very low sample – interpret spatial data with great care	<b>Very low sample – do not analyse questionnaire results</b>
30 – 60	Low sample –interpret spatial data with care	Low sample –analyse questionnaire results with caution
60 -100	Medium sample – good spatial data	Medium sample – analyse questionnaire results with care
>100	<b>Robust sample</b>	Robust sample

This table summarises the confidence that can be placed in spatial data and questionnaire data as a result of the corresponding sample sizes. This is described in more detail below.

#### Definition

1. This category focused solely on yacht racing, reflecting the specific characteristics of this activity.

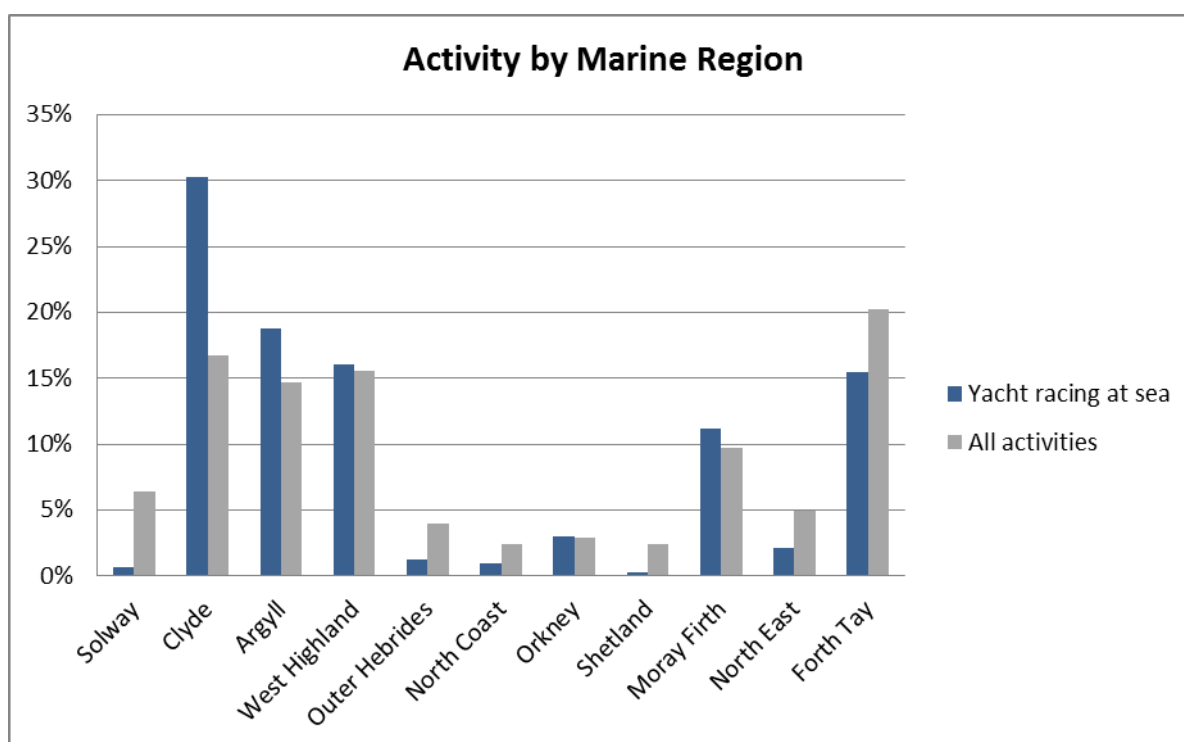
#### Sample sizes

2. The survey collected information on participation in recreation and tourism activities in two ways. Firstly, survey respondents were asked to list all the activities they had undertaken during the previous 12 months, completing a map for each. Secondly, they were asked to identify the one or two activities that they considered most import. They were asked a series of questions relating to their participation in these activities.
3. A total of **132** people provided spatial information on yacht racing, representing around 6% of the total sample. An additional 19 clubs provided spatial information on yacht racing. This is a relatively good sample, meaning that confidence in the analysis of spatial information is moderate to high. This does not mean the data are fully comprehensive, particularly in parts of Scotland where the host population and visitors are relatively low.
4. **25** people identified yacht racing as one of their most important activities, representing around 1% of the total sample. This is a very small sample, meaning that confidence in the analysis of responses is very low. Analysis of the responses would not produce statistically significant results. Reporting is, therefore, limited to presentation of spatial data.
5. Around 19% of those who provided spatial data on yacht racing identified it as one of their most important activities.
6. Based on the sample of people who provided spatial information, around 62% of respondents lived within a mile of the Scottish coastline, 12% between one and five

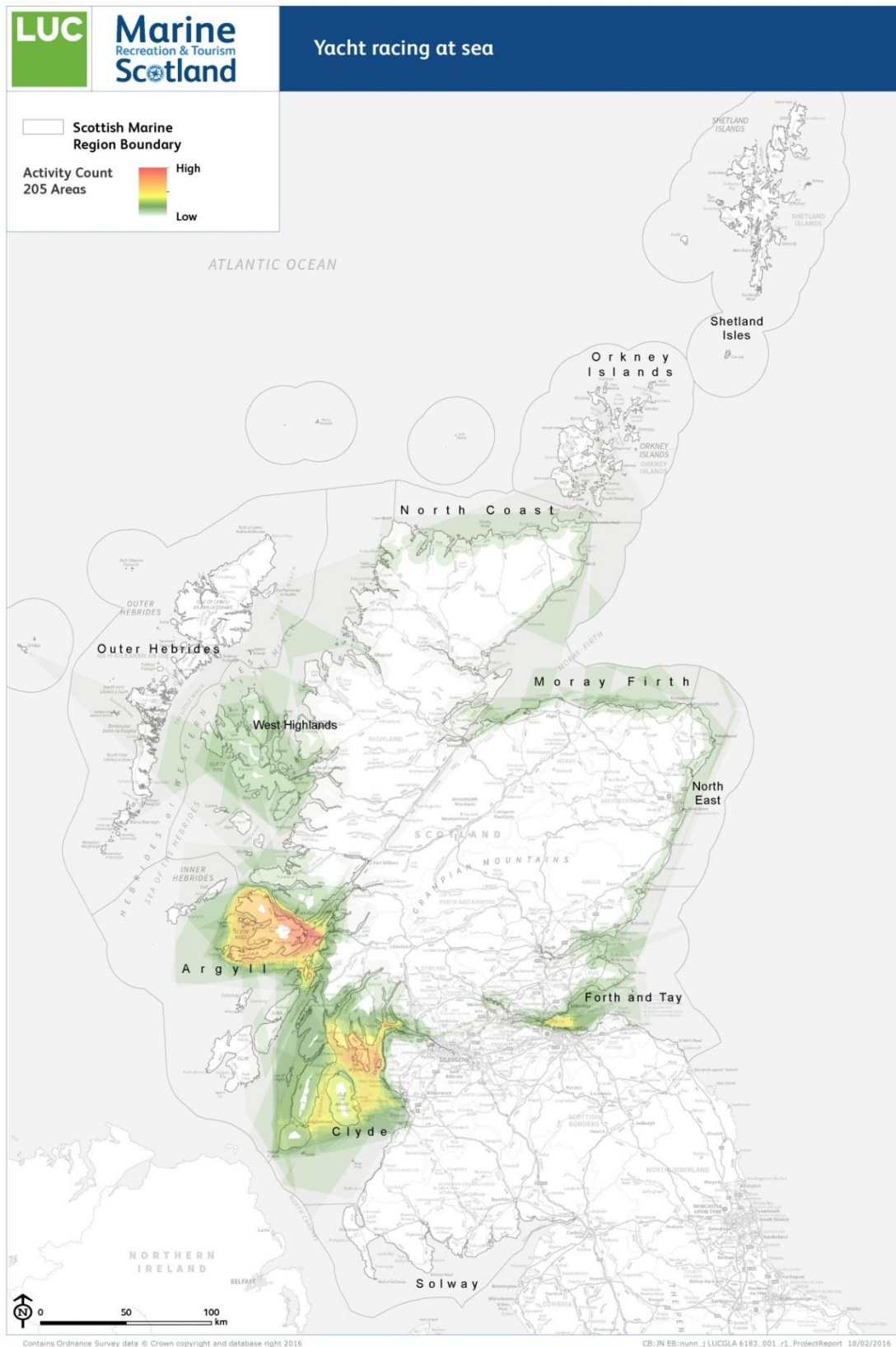
miles and 22% more than five miles. The remaining 4% of respondents came from outside Scotland.

### Spatial data

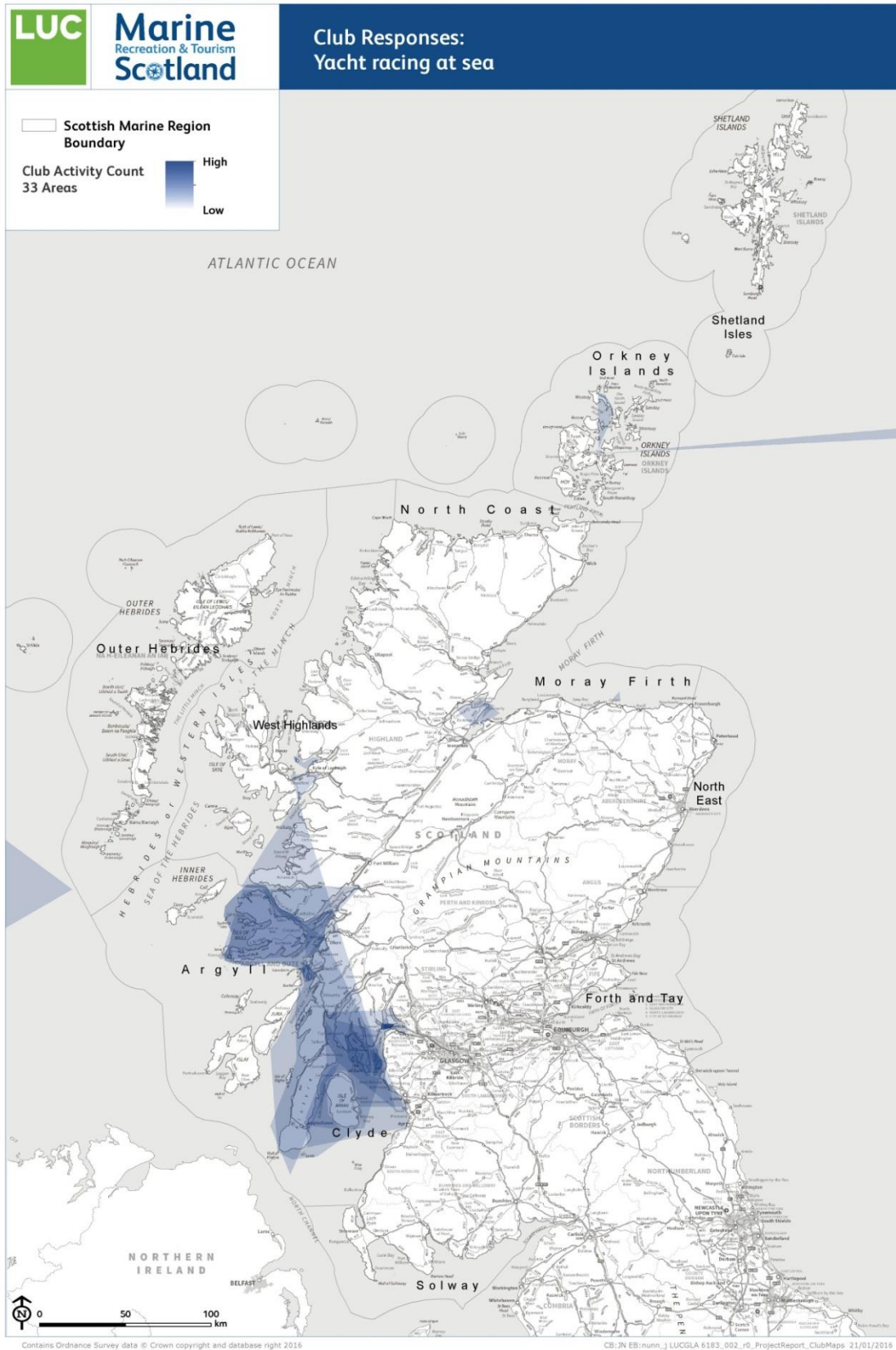
7. People completing the survey identified 205 areas they had been yacht racing. This information has been used to generate a heat map showing the concentration of activity around the Scottish coast (see **Map A16.1**). **Map A16.2** shows the spatial information provided by club survey responses. The map shows particular concentrations of activity around Mull and in the Firth of Clyde around Cumbrae and Bute. These maps are available on Marine Scotland's National Marine Plan Interactive (NMPI) website (<https://marinescotland.atkinsgeospatial.com/nmpi/>).
8. **Figure A16.1** shows the percentage distribution of yacht racing across Marine Regions. It shows that activity was concentrated in the Clyde, Argyll, West Highland and Forth Tay Marine Regions.



**Figure A16.1: Yacht racing – spread of activity across Marine Regions (%)**



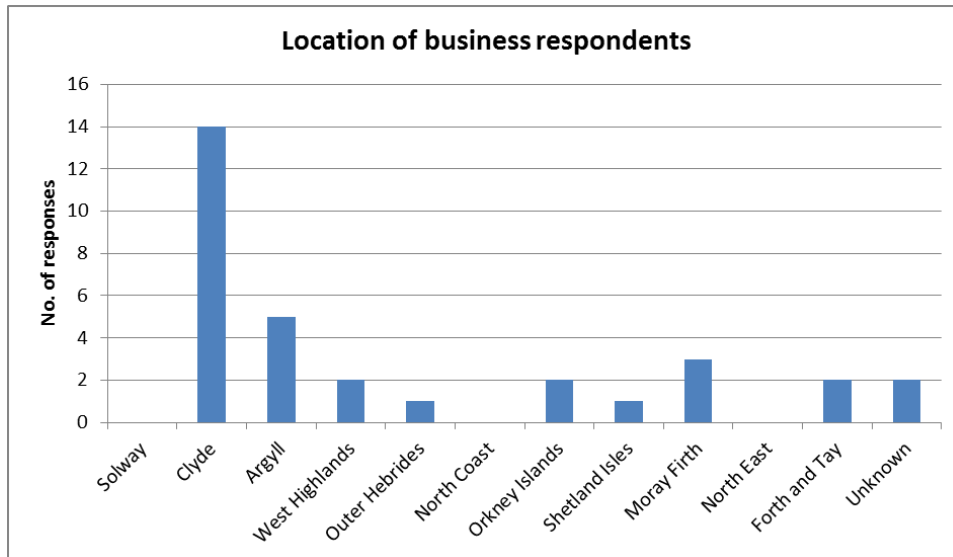
**Map A16. 1: Yacht racing (132 individual responses)**



**Map A16.2: Yacht racing (19 club responses)**

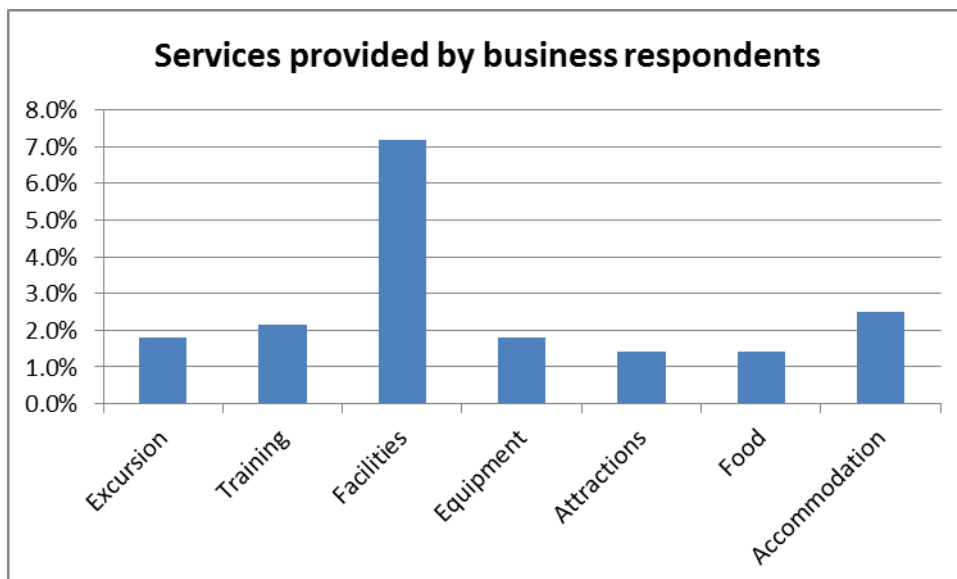
Business survey findings

- 32 of the 279 respondents in the business survey stated that their business serves yacht racing. **Figure A16.2** shows the distribution of the businesses across Marine Regions. This survey is based on a small sample and the results should, therefore, be treated with caution.



**Figure A16.2: Distribution of the businesses across Marine Regions**

- Business respondents were asked to indicate the kinds of services they provide. **Figure A16.3** shows the services provided by businesses serving yacht racing.



**Figure A16.3: Services provided by businesses serving yacht racing**