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| **Indicator 45 :** | **Biodiversity**  Terrestrial protected sites under favourable management;  Marine protected sites under favourable management |

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| **Responsible Statistician:** | Máire Brolly, Department of Agriculture, Environment and Rural Affairs | |
| **Web Link to Statistical Publication:** | Supplementary Environmental Statistics Report produced with revised Biodiversity metric <https://www.daera-ni.gov.uk/articles/northern-ireland-environmental-statistics-report>.  Subsequent updates will be published in annual Environmental Statistics Report. | |
| **Frequency of update:** | Annual | |
| **Time lag:** | 9 months | |
| **Data Source:** | Administrative system within DAERA | |
| **National Statistics Status** | Official Statistics | |
| **Quality Report:** | None available | |
| **Historic Data available from:** | 2009/10 | |
| **Time-series trend:** | Data available from administration of terrestrial and marine management schemes and measures to support favourable management of these protected areas:  **Terrestrial protected sites1 under favourable management**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | | Area under favourable management (km2)\* | 33.99 | 20.15 | 21.31 | 20.00 | 9.45 | 8.98 | 2.63 | 2.63 | 2.63 | 145.00 |   \*Area under favourable management: based on clearly defined and verified application of conservation measures designed to meet specific ecological requirements of a particular site.  **Marine protected sites1 under favourable management**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | | Area under favourable management  (km2)\* | 71.22 | 71.22 | 71.22 | 83.62 | 83.62 | 83.62 | 83.62 | 115.00 | 115.00 | 115.00 |   \*Area under favourable management: based on clearly defined and verified application of conservation measures designed to meet specific ecological requirements of a particular site.  **1** Protected terrestrial and marine sites are defined as the range of Special Areas of Conservation (SAC) and Special Protection Areas (SPA) designated under the EU Habitats and Birds Directive; Areas of Special Scientific Interest and sites designated under the Ramsar Convention (includes designated waterbodies).  During the majority of the time period, the Department has been working towards the creation of an ecologically coherent network of terrestrial and marine protected areas and efforts were focused on completing a programme of designations. With the designation of protected sites largely complete, attention is now more focused on improving the sites overall condition towards “favourable conservation status” (FCS). FCS is being achieved through favourable management interventions which are deemed necessary to support the recovery of the site’s special features, based on a detailed assessment of ecological requirements of a particular site. The terrestrial figure for 2018/19 shows large increases due to the roll out of environmental management agreements including the Environmental Farming Scheme. | |
| **For Survey Data**  **Sample size and confidence interval for the latest available year:** | Sample size: N/A  Confidence interval: N/A | |
| **Please indicate whether UK/RoI/International Comparisons are available:** | UK: No direct comparison available  UK Regional: England (% of sites) Scotland (% of features)  RoI: No direct comparison available  International (please specify countries): No direct comparison available | |
| **Please specify any issues in relation to this data. For example, data limitations, future data availability, any changes to methodology** | None. Terrestrial data will continue to be derived from the management schemes agreed with landowners, together with the Environmental farming scheme. For marine, data will be available from existing management measures affecting marine users together with proposed new measures as required. | |
| **Is this measure being used to monitor performance against your current/latest Departmental/ Agency Plan** | | No |
| **If yes, please specify any particular baseline point/year for the measure which is being for performance monitoring purposes** | |  |

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| **Technical Assessment Panel** |  |
| **Baseline Year** | 2015/16 |
| **Criteria for reporting change from the baseline** | Any change based on square kilometres rounded to 2 decimal places represents a real change both up and down. |

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| **Available groupings\*** | **Yes/No** | **Notes** |
| **NI Level** | Yes |  |
| **Parliamentary Constituency level** | No |  |
| **Local Government District (2014) level** | No |  |
| **Deprivation Quintile** | No |  |
| **NISRA Geography Urban/Rural Measure** | No |  |
| **Gender** | No |  |
| **Age** | No |  |
| **Marital Status** | No |  |
| **Religion** | No |  |
| **Political Opinion** | No |  |
| **Disability** | No |  |
| **Dependants** | No |  |
| **Sexual Orientation** | No |  |
| **Racial Group** | No |  |
| **Lowest level geography at which the measure is available:** | Northern Ireland | |

\* Due to confidentiality constraints, in some instances breakdowns may not be available due to small numbers