

Iain Bell | Deputy National Statistician and Director
General for Population & Public Policy

Rt Hon Philip Dunne MP, Chair
Environmental Audit Committee
House of Commons
London
SW1A 0AA

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Dear Mr Dunne,

I write to follow up on the informal briefing delivered by my Sustainability & Inequalities colleagues on 8 October, focusing on our work on Sustainable Development Goals (SDG) and environment indicators.

Thank you for the opportunity to informally brief the Committee; we hope it was an insightful session.

Members expressed interest in our 'beyond GDP' work and requested further information on coverage of the indicators presented, including SDG indicator gaps and the reasons for them. The attached document provides additional detail.

The UK has very few SDG data indicator gaps compared with other countries. The majority of these are due to either not having or only recently identifying data sources. For some, we have not been able to identify official data sources. Additionally, methodologies laid out in the UN metadata can be quite technical: they require detailed discussion with experts on the topics concerned. For a small number of indicators, raw data are available, but these require significant processing before they can fulfil UN metadata requirements. This is particularly the case for geospatial indicators, such as 11.2.1, 'proportion of population that has convenient access to public transport, by sex, age, and persons with disabilities'. Additionally, there are a couple of indicators for which there may be differences between UK and UN definitions, which we are actively seeking guidance on then sign-off from the relevant departments before we can report them and close these gaps.

While SDG indicator gaps remain, we are making progress, and indeed since 5 November we are reporting indicator 17.18.1¹, 'proportion of sustainable development indicators produced at the national level with full disaggregation'. We also have four further indicators that are very close to being reported, and we are continuing our work to make progress on the remaining gaps.

During the meeting, you also asked my colleagues about potential to use a farm-based survey to address the gap for SDG indicator 2.4.1, 'the proportion of agricultural area under productive and sustainable agriculture':

The UN metadata, which comes from the Food and Agriculture Organisation as the custodian agency, specifies a farm survey as the data collection method. The questions are designed to assess farmer's awareness and behaviour, rather than outcomes or impact, as the Food and Agriculture Organisation (FAO) determined that for many countries this would be a more accessible form of data collection.

The Department for Environment, Food and Rural Affairs (DEFRA) have highlighted the level of ambition in this indicator, and they advise that suitable data should be able to be found but this may take time and may not exactly meet the specification, and in some cases may be 'proxy' measures.

¹ [Proportion of sustainable development indicators produced at the national level with full disaggregation when relevant to the target, in accordance with the Fundamental Principles of Official Statistics](#)

DEFRA favours environmental monitoring that assesses environmental impacts of farming, rather than farm practices that are drivers and pressures of these impacts. While DEFRA do already run several farm surveys, they do not collect the information required by FAO for this indicator. All of DEFRA's farm surveys have been carefully designed to meet their current data needs based on available budget and keeping the burden on respondents to a minimum. DEFRA have confirmed that they do not have the funds to add to their current data collection by incorporating the needs of this indicator. These would require significant increases in sample sizes and adaptations to survey design to fulfil the indicator requirements. The data requested by FAO are not considered to be a priority for their own needs and they would be reluctant to increase the burden on farmers by adding to the data collection.

Indicator 2.4.1 consists of several sub-indicators. We are working with DEFRA to identify appropriate data that can be used instead of a farm-based survey to measure these sub-indicators. In particular we are currently working with DEFRA on the sub-indicator relating to water availability and a way that we may be able to populate this sub indicator using existing collection methods.

DEFRA would be happy to provide further information on indicator 2.4.1 as is helpful.

Once again, thank you for the opportunity to brief the Committee. We would be happy to do so again in the future, and to continue to update the Committee on our work on these areas if helpful.

Yours sincerely,



Iain Bell

Summary of UK SDG indicator data for Environmental Audit Committee

Summary information is given for data presented on the UK SDG Data platform as of 6 October 2020: <https://sdgdata.gov.uk/>
Indicators used here are prior to very recent changes.

There are many overlaps between the indicators presented in the three tabs:
The majority of those with a 2020 deadline are related to the environment; and the causes, consequences and ability to adapt to and mitigate climate change are strongly associated with the environment.

1) Indicators not yet reported

This tab contains all 2020, environment-related, and climate change-related indicators that, as of 6 October 2020, were not reported on the UK's www.sdgdata.gov.uk platform.

2) 2020-target deadline indicators

This tab includes all 27 indicators for which the UN has set a target deadline of 2020. As of 6 October 2020, 24 (89%) of these are at least partially reported on the UK SDG data platform. Note: This differs from the chart presented which was for only environment-related indicators with a 2020 deadline. We currently expect that data for these indicators will continue to be reported beyond 2020.



3) Environment-related indicators

There are many interlinkages among the SDG goals and indicators. We therefore used the following definition of 'environment-related indicator' in order to systematically identify relevant indicators: *Measures of the natural environment, or measures of the processes that directly impact or are impacted by the environment. The direction of change can be said to be due to (or to lead to) an improvement or deterioration of the environment.*

Following this definition, there are 80 environment-related indicators. As of 6 October 2020, 63 (79%) of these are at least partially reported on the UK SDG data platform.



4) Climate change-related indicators

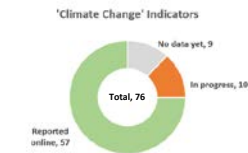
As with the selection of environmental indicators, it is difficult to select a comprehensive and definite set of climate change related indicators.

The selection presented may not be comprehensive as the causes, consequences and mitigating factors of climate change are wide-ranging. However, the following guidelines were used in the selection process:

Indicators that measure clear and direct causes, consequences, or mitigating factors of climate change, or where there is a good chance that there will be an impact of climate change on the measure.

Indicators that are less directly related to climate change have not been included. For example, it may be that the proportion of people living in poverty may increase as a consequence of climate change, but this is not a direct consequence so is not included in the list.

According to this selection, there are 76 climate change-related indicators. As of 6 October 2020, 57 (75%) of these are at least partially reported on the UK SDG data platform.



[For more detail on definitions used in each column](#)

NOTES

Some indicators are repeated in different Goals/targets. Each of these are shown on a separate lines, e.g. 13.1.1, 11.5.1 and 1.5.1 are listed separately but cover the same data. These indicators are those prior to very recent changes.

Selection of 2020-target indicators

This tab includes all indicators for which the UN has set a target deadline of 2020.

Selection of environment related indicators:

There are many interlinkages among the SDG goals and indicators. We have used a definition of 'environmental-related indicator' in order to systematically identify relevant indicators:

Measures of the natural environment, or measures of the processes that directly impact or are impacted by the environment. The direction of change can be said to be due to (or to lead to) an improvement or deterioration of the environment.

Selection of climate change related indicators:

Indicators that measure clear and *direct* causes, consequences, or mitigating factors of climate change, or where there is a good chance that there will be an impact of climate change on the measure.

Climate change has/will have wide-ranging impacts on the environment, society and the economy and is itself impacted by many things: Therefore this list may not include all indicators that may *indirectly* fulfil the above definition.

Indicators that are more distantly related to climate change have not been included e.g. It may be that the proportion of people living in poverty may increase as a consequence of climate change, but this is not a *direct* consequence so is not included in the list.

COLUMN DEFINITIONS

REPORTING STATUS

No data yet: data source has not yet been identified, or a potential source has been identified but no further work has yet been done.

In progress: data have been identified and work is ongoing but data are not yet reported. These are in a variety of states: some are close to being reported, others are still in the scoping phase or need validation, and may not result in being reported.

Reported online: Headline figures for at least one sub-indicator are reported on the platform.

STATISTICAL (S) / NON-STATISTICAL (N)

Statistical indicator: Indicator for which we have a data source that enables us to report a time series.

Non-statistical indicator: Indicator for which policy information is informative, and for which (in most cases) time series data is not relevant.

2020 INDICATOR

Where Y is entered, the indicator has a target deadline of 2020. We currently expect that data for these indicators will continue to be reported beyond 2020.

REPORTING PERIOD

The first and last dates for which we report any part of each indicator. For example if we report data from 2012-2018 for one sub-indicator, but from 2014-2020 for another, the period will be 2012-2020. In some cases earlier data is available from the source, and this is highlighted in the Other Information field on the platform.

Goal	Goal name	Indicator	Indicator name	Reporting status as of Oct 2020	2020 target indicators	Environment related indicators	Climate change related indicators	Reason for indicator gap (options are being considered to fill all data gaps)
1	No poverty	1.5.2	Direct economic loss attributed to disasters in relation to global GDP	No data yet			Y	Data source not yet identified.
2	Zero hunger	2.4.1	Proportion of agricultural area under productive and sustainable agriculture	In progress		Y	Y	Complex indicator. No data source for the UK that directly matches the UN metadata.
2	Zero hunger	2.c.1	Indicator of food price anomalies	In progress			Y	Very close to being reported: requires input from other teams to validate methodology.
6	Clean water and sanitation	6.3.1	Proportion of wastewater safely treated	No data yet		Y		No official data source available.
6	Clean water and sanitation	6.4.1	Change in water-use efficiency over time	In progress		Y	Y	Data sources have not been identified. Multiple sub-indicators and not all straightforward.
6	Clean water and sanitation	6.6.1	Change in the extent of water-related ecosystems over time	In progress	Y	Y	Y	Very close to being reported: Earth Observation data has now been validated for the UK. Other sub-indicators require discussion with external organisations.
10	Reduced inequalities	10.7.2	Number of countries that have implemented well-managed migration policies	In progress			Y	Requires Home Office sign-off. There are some areas where Home Office data do not fully align with the UN methodology.
11	Sustainable cities and communities	11.2.1	Proportion of population that has convenient access to public transport, by sex, age, and persons with disabilities	In progress			Y	Complex methodology. Requires significant data processing.
11	Sustainable cities and communities	11.3.2	Proportion of cities with a direct participation structure of civil society in urban planning and management that operate regularly and democratically	No data yet		Y		Data source not yet identified.
11	Sustainable cities and communities	11.5.2	Direct economic loss in relation to global GDP, damage to critical infrastructure and number of disruptions to basic services, attributed to disasters	No data yet		Y	Y	Data source not yet identified.
11	Sustainable cities and communities	11.a.1	Proportion of population living in cities that implement urban and regional development plans integrating population projections and resource needs, by size of city	No data yet		Y	Y	Data source not yet identified.
12	Responsible production and consumption	12.6.1	Number of companies publishing sustainability reports	In progress			Y	Data source had not been identified. May require work with other teams to process web-scraped data.
12	Responsible production and consumption	12.a.1	Amount of support to developing countries on research and development for sustainable consumption and production and environmentally sound technologies	No data yet		Y	Y	Requires input from FCDO.
12	Responsible production and consumption	12.c.1	Amount of fossil-fuel subsidies per unit of GDP (production and consumption) and as a proportion of total national expenditure on fossil fuels	No data yet		Y	Y	Looking at whether UK definition of 'subsidies' matches UN metadata definition.
14	Life below water	14.1.1	Index of coastal eutrophication and floating plastic debris density	In progress		Y	Y	Very close to being partially reported: Data sources have now been identified and discussions are in progress with external organisations.
14	Life below water	14.3.1	Average marine acidity (pH) measured at agreed suite of representative sampling stations	No data yet		Y	Y	Complex methodology. Requires discussion with external organisations.
14	Life below water	14.7.1	Sustainable fisheries as a proportion of GDP in small island developing States, least developed countries and all countries	No data yet		Y		Data source not yet identified.
14	Life below water	14.a.1	Proportion of total research budget allocated to research in the field of marine technology	No data yet		Y	Y	Data source not yet identified.
15	Life on land	15.1.2	Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type	In progress	Y	Y	Y	Very close to being reported: Requires data processing by another team.
15	Life on land	15.3.1	Proportion of land that is degraded over total land area	No data yet		Y	Y	Complex methodology.
15	Life on land	15.4.1	Coverage by protected areas of important sites for mountain biodiversity	In progress		Y	Y	Requires data processing by another team.
17	Partnerships for the goals	17.18.1	Proportion of sustainable development indicators produced at the national level with full disaggregation when relevant to the target, in accordance with the Fundamental Principles of Official Statistics	In progress	Y			Now listed a 'reported' since 5 Nov 2020.
17	Partnerships for the goals	17.7.1	Total amount of approved funding for developing countries to promote the development, transfer, dissemination and diffusion of environmentally sound technologies	No data yet		Y	Y	Requires input from FCDO.

Goal	Goal name	Indicator	2020 indicator	Indicator name	Reporting status as of Oct 2020	Statistical (S) / Non-statistical (N)	Reporting period as of Oct 2020	Highest level geography	Data provider
2	Zero hunger	2.5.1	Y	Number of plant and animal genetic resources for food and agriculture secured in either medium- or long-term conservation facilities	Reported online	S	1959-2018	UK	JNCC
2	Zero hunger	2.5.2	Y	Proportion of local breeds classified as being at risk, not at risk or at unknown level of risk of extinction	Reported online	S	2002-2018	UK	DEFRA
3	Good health and well-being	3.6.1	Y	Death rate due to road traffic injuries	Reported online	S	2011-2018	UK	DfT
4	Quality education	4.b.1	Y	Volume of official development assistance flows for scholarships by sector and type of study	Reported online	S	2009-2017	UK	DFID
6	Clean water and sanitation	6.6.1	Y	Change in the extent of water-related ecosystems over time	In progress	S	NA	NA	
8	Decent work and economic growth	8.6.1	Y	Proportion of youth (aged 15-24 years) not in education, employment or training	Reported online	S	2001-2019	UK	ONS
8	Decent work and economic growth	8.b.1	Y	Existence of a developed and operationalized national strategy for youth employment, as a distinct strategy or as part of a national employment strategy	Reported online	N		UK	
9	Industry, innovation, and infrastructure	9.c.1	Y	Proportion of population covered by a mobile network, by technology	Reported online	S	2000-2018	UK	UNSD
11	Sustainable cities and communities	11.b.1	Y	Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030	Reported online	N		UK	
11	Sustainable cities and communities	11.b.2	Y	Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies	Reported online	N		UK	
12	Responsible production and consumption	12.4.1	Y	Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required by each relevant agreement	Reported online	N		UK	
12	Responsible production and consumption	12.4.2	Y	Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment	Reported online	S	2010-2016	UK	DEFRA
13	Climate action	13.a.1	Y	Mobilised amount of United States dollars per year between 2020 and 2025 accountable towards the \$100 billion commitment	Reported online	N		UK	
14	Life below water	14.2.1	Y	Proportion of national exclusive economic zones managed using ecosystem-based approaches	Reported online	S	1950-2019	UK	JNCC
14	Life below water	14.4.1	Y	Percentage of marine fish (quota) stocks of UK interest; A) harvested sustainably; B) with biomass at levels that maintain full reproductive capacity	Reported online	S	1990-2017	UK	JNCC
14	Life below water	14.5.1	Y	Coverage of protected areas in relation to marine areas	Reported online	S	1950-2019	UK	JNCC
14	Life below water	14.6.1	Y	Progress by countries in the degree of implementation of international instruments aiming to combat illegal, unreported and unregulated fishing	Reported online	N		UK	
15	Life on land	15.1.1	Y	Forest area as a proportion of total land area	Reported online	S	2004-2020	UK	Forest Research
15	Life on land	15.1.2	Y	Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type	In progress	S	NA	NA	
15	Life on land	15.2.1	Y	Progress towards sustainable forest management	Reported online	S	2001-2019	UK	Forest Research
15	Life on land	15.5.1	Y	Red List Index	Reported online	S	2000-2020	UK	UNSD (IUCN & BirdLife International)
15	Life on land	15.8.1	Y	Proportion of countries adopting relevant national legislation and adequately resourcing the prevention or control of invasive alien species	Reported online	N		UK	
15	Life on land	15.9.1	Y	Progress towards national targets established in accordance with Aichi Biodiversity Target 2 of the Strategic Plan for Biodiversity 2011-2020	Reported online	N		UK	
17	Partnerships for the goals	17.11.1	Y	Developing countries' and least developed countries' share of global exports	Reported online	S	2015-2018	UK	ONS
17	Partnerships for the goals	17.18.1	Y	Proportion of sustainable development indicators produced at the national level with full disaggregation when relevant to the target, in accordance with the Fundamental Principles of Official Statistics	In progress	S	NA	NA	
17	Partnerships for the goals	17.18.2	Y	Number of countries that have national statistical legislation that complies with the Fundamental Principles of Official Statistics	Reported online	N		UK	
17	Partnerships for the goals	17.18.3	Y	Number of countries with a national statistical plan that is fully funded and under implementation, by source of funding	Reported online	N		UK	

Goal	Goal name	Indicator	2020 indicator	Indicator name	Reporting status as of Oct 2020	Statistical (S)/ non-statistical (N)	Reporting period as of Oct 2020	Highest level geography	Data provider
1	No poverty	1.5.1	Y	Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population	Reported online	S	2001-2018	England & Wales	ONS
1	No poverty	1.5.3	Y	Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030	Reported online	N		UK	
1	No poverty	1.5.2	Y	Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies	Reported online	N		UK	
2	Zero hunger	2.4.1	Y	Proportion of agricultural area under productive and sustainable agriculture	In progress	S	NA	NA	
2	Zero hunger	2.5.1	Y	Number of plant and animal genetic resources for food and agriculture secured in either medium or long-term conservation facilities	Reported online	S	1959-2018	UK	JNCC
2	Zero hunger	2.5.2	Y	Proportion of local breeds classified as being at risk, not-at-risk or at unknown level of risk of extinction	Reported online	S	2002-2018	UK	DEFRA
3	Good health and well-being	3.9.1	Y	Mortality rate attributed to household and ambient air pollution	Reported online	S	2010-2017	England	DEFRA & Climate Change Group PHE
3	Good health and well-being	3.9.2	Y	Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene (exposure to unsafe Water, Sanitation and Hygiene for All (WASH) services)	Reported online	S	2013-2017	UK	ONS, NISRA & National Records of Scotland
6	Clean water and sanitation	6.3.1	Y	Proportion of wastewater safely treated	No data yet	S	NA	NA	
6	Clean water and sanitation	6.3.2	Y	Proportion of bodies of water with good ambient water quality	Reported online	S	2009-2018	UK	JNCC
6	Clean water and sanitation	6.4.1	Y	Change in water-use efficiency over time	In progress	S	NA	NA	
6	Clean water and sanitation	6.4.2	Y	Level of water stress: freshwater withdrawal as a proportion of available freshwater resources	Reported online	S	2005-2014	UK	Eurostat
6	Clean water and sanitation	6.5.1	Y	Degree of integrated water resources management implementation (0-100)	Reported online	S	2016	UK	IWRM
6	Clean water and sanitation	6.5.2	Y	Proportion of transboundary basin areas with an operational arrangement for water cooperation	Reported online	S	2016	UK	DEFRA
6	Clean water and sanitation	6.6.1	Y	Change in the extent of water-related ecosystems over time	In progress	S	NA	NA	
6	Clean water and sanitation	6.6.1	Y	Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan	Reported online	S	2010-2016	UK	DIID
7	Affordable and clean energy	7.1.2	Y	Proportion of population with primary reliance on clean fuels and technology	Reported online	S	2000-2016	UK	World Bank
7	Affordable and clean energy	7.2.1	Y	Renewable energy share in the total final energy consumption	Reported online	S	1990-2018	UK	ONS
7	Affordable and clean energy	7.3.1	Y	Energy intensity measured in terms of primary energy and GDP	Reported online	S	1990-2018	UK	ONS
7	Affordable and clean energy	7.8.1	Y	International financial flows to developing countries in support of clean energy research and development and renewable energy production, including in hybrid systems	Reported online	S	2015-2017	UK	DIID
7	Affordable and clean energy	7.8.1	Y	Investments in energy efficiency as a proportion of GDP and the amount of foreign direct investment in financial transfer for infrastructure and technology to sustainable development services	Reported online	S	2014-2016	UK	ONS
8	Decent work and economic growth	8.4.1	Y	Material footprint, material footprint per capita, and material footprint per GDP	Reported online	S	2008-2017	UK	ONS
8	Decent work and economic growth	8.4.2	Y	Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP	Reported online	S	2000-2018	UK	ONS
9	Industry, innovation, and infrastructure	9.4.1	Y	CO2 emissions per unit of value added	Reported online	S	1997-2017	UK	ONS
11	Sustainable cities and communities	11.3.1	Y	Ratio of land consumption rate to population growth rate	Reported online	S	2013-2016	Great Britain	Ordnance Survey
11	Sustainable cities and communities	11.3.2	Y	Proportion of cities with a direct participation structure of civil society in urban planning and management that operate regularly and democratically	No data yet	S	NA	NA	
11	Sustainable cities and communities	11.4.1	Y	Total expenditure (public and private) per capita spent on the preservation, protection and conservation of all cultural and natural heritage, by type of heritage (cultural, natural, mixed and World Heritage Centre designation), level of government (national, regional and local/municipal), type of expenditure (operating expenditure/investment) and type of private funding (donations in kind, private non-profit sector and sponsorship)	Reported online	S	2000-2017	UK	ONS
11	Sustainable cities and communities	11.5.2	Y	Direct economic loss in relation to global GDP, damage to critical infrastructure and number of disruptions to basic services, attributed to disasters	No data yet	S	NA	NA	
11	Sustainable cities and communities	11.6.1	Y	Proportion of urban solid waste regularly collected and with adequate final discharge out of total urban solid waste generated, by cities	Reported online	S	2000-2019	England	DEFRA
11	Sustainable cities and communities	11.6.2	Y	Annual mean levels of fine particulate matter (e.g. PM2.5 and PM10) in cities (population weighted)	Reported online	S	2008-2016	UK	WHO
11	Sustainable cities and communities	11.7.1	Y	Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities	Reported online	S	2019	Great Britain	ONS & Ordnance Survey
11	Sustainable cities and communities	11.8.1	Y	Proportion of population living in cities that implement urban and regional development plans integrating population projections and resource needs, by size of city	No data yet	S	NA	NA	
11	Sustainable cities and communities	11.8.1	Y	Proportion of financial support to the least developed countries that is allocated to the construction and retrofitting of sustainable, efficient and resource-efficient buildings utilizing local materials	Reported online	S	2009-2017	UK	DIID
11	Sustainable cities and communities	11.5.1	Y	Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population	Reported online	S	2001-2018	England & Wales	ONS
11	Sustainable cities and communities	11.1.1	Y	Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030	Reported online	N		UK	
11	Sustainable cities and communities	11.1.2	Y	Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies	Reported online	N		UK	
12	Responsible production and consumption	12.1.1	Y	Number of countries with sustainable consumption and production (SCP) national action plans or SCP mainstreamed as a priority or a target into national policies	Reported online	N		UK	
12	Responsible production and consumption	12.2.1	Y	Material footprint, material footprint per capita, and material footprint per GDP	Reported online	S	2008-2017	UK	ONS
12	Responsible production and consumption	12.2.2	Y	Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP	Reported online	S	2000-2018	UK	ONS
12	Responsible production and consumption	12.3.1	Y	Global food loss index	Reported online	S	2007-2018	UK	Waste and Resource Action Programme
12	Responsible production and consumption	12.4.1	Y	Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required by each relevant agreement	Reported online	N		UK	
12	Responsible production and consumption	12.4.2	Y	Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment	Reported online	S	2010-2016	UK	DEFRA
12	Responsible production and consumption	12.5.1	Y	National recycling rate, tons of material recycled	Reported online	S	2010-2017	UK	DEFRA
12	Responsible production and consumption	12.7.1	Y	Number of countries implementing sustainable public procurement policies and action plans	Reported online	N		UK	
12	Responsible production and consumption	12.8.1	Y	Extent to which (i) global citizenship education and (ii) education for sustainable development (including climate change education) are mainstreamed in (a) national education policies; (b) curricula; (c) teacher education; and (d) student assessment	Reported online	N		UK	
12	Responsible production and consumption	12.8.1	Y	Amount of support to developing countries on research and development for sustainable consumption and production and environmentally sound technologies	No data yet	S	NA	NA	
12	Responsible production and consumption	12.6.1	Y	Amount of fossil-fuel subsidies per unit of GDP (production and consumption) and as a proportion of total national expenditure on fossil fuels	No data yet	S	NA	NA	
13	Climate action	13.1.1	Y	Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population	Reported online	S	2001-2018	UK	ONS
13	Climate action	13.1.2	Y	Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030	Reported online	N		UK	
13	Climate action	13.1.3	Y	Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies	Reported online	N		UK	
13	Climate action	13.2.1	Y	Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other)	Reported online	N		UK	
13	Climate action	13.3.1	Y	Number of countries that have integrated mitigation, adaptation, impact reduction and early warning into primary, secondary and tertiary curricula	Reported online	N		UK	
13	Climate action	13.3.2	Y	Number of countries that have communicated the strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer, and development actions	Reported online	N		UK	
13	Climate action	13.8.1	Y	Mobilized amount of United States dollars per year between 2020 and 2025 accountable towards the \$100 billion commitment	Reported online	N		UK	
13	Climate action	13.8.1	Y	Number of least developed countries and small island developing States that are receiving specialized support, and amount of support, including finance, technology and capacity-building, for mechanisms for raising capacities for effective climate change-related planning and management, including focusing on women, youth and local and marginalized communities	Reported online	N		UK	
14	Life below water	14.4.1	Y	Index of coastal eutrophication and floating plastic debris density	In progress	S	NA	NA	
14	Life below water	14.2.1	Y	Proportion of national exclusive economic zones managed using ecosystem-based approaches	Reported online	S	1950-2019	UK	JNCC
14	Life below water	14.3.1	Y	Average marine acidity (pH) measured at agreed suite of representative sampling stations	No data yet	S	NA	NA	
14	Life below water	14.4.1	Y	Proportion of fish stocks within biologically sustainable levels	Reported online	S	1990-2017	UK	JNCC
14	Life below water	14.5.1	Y	Coverage of protected areas in relation to marine areas	Reported online	S	1950-2019	UK	JNCC
14	Life below water	14.6.1	Y	Progress by countries in the degree of implementation of international instruments aiming to combat illegal, unreported and unregulated fishing	Reported online	N		UK	
14	Life below water	14.7.1	Y	Sustainable fisheries as a proportion of GDP in small island developing States, least developed countries and all countries	No data yet	S	NA	NA	
14	Life below water	14.8.1	Y	Proportion of total research budget allocated to research in the field of marine technology	No data yet	S	NA	NA	
14	Life below water	14.8.1	Y	Progress by countries in the degree of application of a legal/regulatory/policy/institutional framework which recognizes and protects access rights for small-scale fisheries	Reported online	N		UK	
14	Life below water	14.6.1	Y	Number of countries making progress in ratifying, accepting and implementing through legal, policy and institutional frameworks, ocean-related instruments that implement international law, as reflected in the United Nations Convention on the Law of the Sea, for the conservation and sustainable use of the oceans and their resources	Reported online	N		UK	
15	Life on land	15.1.1	Y	Forest area as a proportion of total land area	Reported online	S	2004-2020	UK	Forest Research
15	Life on land	15.1.2	Y	Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type	In progress	S	NA	NA	
15	Life on land	15.2.1	Y	Progress towards sustainable forest management	Reported online	S	2001-2019	UK	Forest Research
15	Life on land	15.3.1	Y	Proportion of land that is degraded over total land area	No data yet	S	NA	NA	
15	Life on land	15.4.1	Y	Coverage by protected areas of important sites for mountain biodiversity	In progress	S	NA	NA	
15	Life on land	15.4.2	Y	Mountain Green Cover Index	Reported online	S	2017	UK	FAO
15	Life on land	15.5.1	Y	Red List Index	Reported online	S	2000-2020	UK	UNSD (IUCN & BirdLife International)
15	Life on land	15.6.1	Y	Number of countries that have adopted legislative, administrative and policy frameworks to ensure fair and equitable sharing of benefits	Reported online	N		UK	
15	Life on land	15.7.1	Y	Proportion of traded wildlife that was poached or illicitly trafficked	Reported online	S	2013-2018	UK	UK Border Force
15	Life on land	15.8.1	Y	Proportion of traded wildlife that was poached or illicitly trafficked	Reported online	S	2013-2018	UK	UK Border Force
15	Life on land	15.8.1	Y	Proportion of countries adopting relevant national legislation and adequately resourcing the prevention or control of invasive alien species	Reported online	N		UK	
15	Life on land	15.9.1	Y	Progress towards national targets established in accordance with Aichi Biodiversity Target 2 of the Strategic Plan for Biodiversity 2011-2020	Reported online	N		UK	
15	Life on land	15.9.1	Y	Official development assistance and public expenditure on conservation and sustainable use of biodiversity and ecosystems	Reported online	S	2010-2016	UK	DIID
15	Life on land	15.9.1	Y	Official development assistance and public expenditure on conservation and sustainable use of biodiversity and ecosystems	Reported online	S	2010-2016	UK	DIID
17	Partnerships for the goals	17.7.1	Y	Total amount of approved funding for developing countries to promote the development, transfer, dissemination and diffusion of environmentally sound technologies	No data yet	S	NA	NA	

Goal	Goal name	Indicator	2020 indicator	Indicator name	Reporting status as of Oct 2020	Statistical (S)/ non-statistical (N)	Reporting period as of Oct 2020	Highest level geography	Data provider
1	No poverty	1.5.2		Direct economic loss attributed to disasters in relation to global GDP	No data yet	S	NA	NA	
1	No poverty	1.5.1		Number of deaths, missing persons and directly affected persons attributed to disasters per 100,00 population	Reported online	S	2001-2018	England & Wales	ONS
1	No poverty	1.5.3	Y	13.1.2 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030	Reported online	N		UK	
1	No poverty	1.5.4	Y	13.1.3 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies	Reported online	N		UK	
2	Zero hunger	2.4.1		Proportion of agricultural area under productive and sustainable agriculture	In progress	S	NA	NA	
2	Zero hunger	2.5.1	Y	Number of plant and animal genetic resources for food and agriculture secured in either medium or long-term conservation facilities	Reported online	S	1959-2018	UK	JNCC
2	Zero hunger	2.5.2	Y	Proportion of local breeds classified as being at risk, not at risk or at unknown level of risk of extinction	Reported online	S	2002-2018	UK	DEFRA
2	Zero hunger	2.4.1		Indicator of food price anomalies	In progress	S	NA	NA	
3	Good health and well-being	3.3.3		Malaria incidence per 1,000 population	Reported online	S	2000-2017	UK	PHE
6	Clean water and sanitation	6.3.2		Proportion of bodies of water with good ambient water quality	Reported online	S	2009-2018	UK	JNCC
6	Clean water and sanitation	6.4.1		Change in water-use efficiency over time	In progress	S	NA	NA	
6	Clean water and sanitation	6.4.2		Level of water stress - freshwater withdrawal as a proportion of available freshwater resources	Reported online	S	2005-2014	UK	Eurostat
6	Clean water and sanitation	6.5.2		Proportion of transboundary basin area with an operational arrangement for water cooperation	Reported online	N	2016	UK	DEFRA
6	Clean water and sanitation	6.6.1		Change in the extent of water-related ecosystems over time	In progress	S	NA	NA	
6	Clean water and sanitation	6.6.1		Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan	Reported online	S	2010-2016	UK	DFID
6	Clean water and sanitation	6.8.1		Proportion of local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management	Reported online	N		UK	
7	Affordable and clean energy	7.1.2		Proportion of population with primary reliance on clean fuels and technology	Reported online	S	2000-2016	UK	World Bank
7	Affordable and clean energy	7.2.1		Renewable energy share in the total final energy consumption	Reported online	S	1990-2018	UK	ONS
7	Affordable and clean energy	7.3.1		Energy intensity measured in terms of primary energy and GDP	Reported online	S	1990-2018	UK	ONS
7	Affordable and clean energy	7.a.1		International financial flows to developing countries in support of clean energy research and development and renewable energy production, including in hybrid systems	Reported online	S	2015-2017	UK	DFID
7	Affordable and clean energy	7.b.1		Investments in energy efficiency as a proportion of GDP and the amount of foreign direct investment in financial transfer for infrastructure and technology to sustainable development services	Reported online	S	2014-2016	UK	ONS
8	Decent work and economic growth	8.4.1		Material footprint, material footprint per capita, and material footprint per GDP	Reported online	S	2008-2017	UK	ONS
8	Decent work and economic growth	8.4.2		Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP	Reported online	S	2000-2018	UK	ONS
9	Industry, innovation, and infrastructure	9.1.2		Passenger and freight volumes, by mode of transport	Reported online	S	2008-2018	UK	DfT & Civil Aviation Authority
9	Industry, innovation, and infrastructure	9.4.1		CO2 emission per unit of value added	Reported online	S	1997-2017	UK	ONS
9	Industry, innovation, and infrastructure	9.5.1		Research and development expenditure as a proportion of GDP	Reported online	S	2006-2017	UK	ONS
9	Industry, innovation, and infrastructure	9.5.2		Researchers (in full-time equivalent) per million inhabitants	Reported online	S	2000-2016	UK	ONS & World Bank
10	Reduced inequalities	10.7.2		Number of countries that have implemented well-managed migration policies	In progress	N	NA	NA	
11	Sustainable cities and communities	11.1.1		Proportion of urban population living in slums, informal settlements or inadequate housing	Reported online	S	2008-2018	England	MHCLG
11	Sustainable cities and communities	11.2.1		Proportion of population that has convenient access to public transport, by sex, age, and persons with disabilities	In progress	S	NA	NA	
11	Sustainable cities and communities	11.3.1		Ratio of land consumption rate to population growth rate	Reported online	S	2013-2016	Great Britain	Ordnance Survey
11	Sustainable cities and communities	11.4.1		Total expenditure (public and private) per capita spent on the preservation, protection and conservation of all cultural and natural heritage, by type of heritage (cultural, natural, mixed and World Heritage Centre designation), level of government (national, regional and local/municipal), type of expenditure (operating expenditure/investment) and type of private funding (donations in kind, private non-profit sector and sponsorship)	Reported online	S	2000-2017	UK	ONS
11	Sustainable cities and communities	11.5.2		Direct economic loss in relation to global GDP, damage to critical infrastructure and number of disruptions to basic services, attributed to disasters	No data yet	S	NA	NA	
11	Sustainable cities and communities	11.6.1		Proportion of urban solid waste regularly collected and with adequate final discharge out of total urban solid waste generated, by cities	Reported online	S	2000-2019	England	DEFRA
11	Sustainable cities and communities	11.6.2		Annual mean levels of fine particulate matter (e.g. PM2.5 and PM10) in cities (population weighted)	Reported online	S	2008-2016	UK	WHO
11	Sustainable cities and communities	11.7.1		Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities	Reported online	S	2019	Great Britain	ONS & Ordnance Survey
11	Sustainable cities and communities	11.a.1		Proportion of population living in cities that implement urban and regional development plans integrating population projections and resource needs, by size of city	No data yet	S	NA	NA	
11	Sustainable cities and communities	11.c.1		Proportion of financial support to the least developed countries that is allocated to the construction and retrofitting of sustainable, resilient and resource-efficient buildings utilizing local materials	Reported online	S	2009-2017	UK	DFID
11	Sustainable cities and communities	11.5.1		Number of deaths, missing persons and directly affected persons attributed to disasters per 100,00 population	Reported online	S	2001-2018	England & Wales	ONS
11	Sustainable cities and communities	11.b.1	Y	13.1.2 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030	Reported online	N		UK	
11	Sustainable cities and communities	11.b.2	Y	13.1.3 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies	Reported online	N		UK	
12	Responsible production and consumption	12.1.1		Number of countries with sustainable consumption and production (SCP) national action plans or SCP mainstreamed as a priority or a target into national policies	Reported online	N		UK	
12	Responsible production and consumption	12.2.1		Material footprint, material footprint per capita, and material footprint per GDP	Reported online	S	2008-2017	UK	
12	Responsible production and consumption	12.2.2		Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP	Reported online	S	2000-2018	UK	ONS
12	Responsible production and consumption	12.3.1		Global food loss index	Reported online	S	2007-2018	UK	Waste and Resource Action Programme
12	Responsible production and consumption	12.4.1	Y	Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required by each relevant agreement	Reported online	N		UK	
12	Responsible production and consumption	12.4.2	Y	Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment	Reported online	S	2010-2016	UK	DEFRA
12	Responsible production and consumption	12.5.1		National recycling rate, tons of material recycled	Reported online	S	2010-2017	UK	DEFRA
12	Responsible production and consumption	12.6.1		Number of companies publishing sustainability reports	In progress	S	NA	NA	
12	Responsible production and consumption	12.8.1		Extent to which (i) global citizenship education and (ii) education for sustainable development (including climate change education) are mainstreamed in (a) national education policies; (b) curricula; (c) teacher education; and (d) student assessment	Reported online	N		UK	
12	Responsible production and consumption	12.a.1		Amount of support to developing countries on research and development for sustainable consumption and production and environmentally sound technologies	No data yet	S	NA	NA	
12	Responsible production and consumption	12.c.1		Amount of fossil-fuel subsidies per unit of GDP (production and consumption) and as a proportion of total national expenditure on fossil fuels	No data yet	S	NA	NA	
13	Climate action	13.1.1		Number of deaths, missing persons and directly affected persons attributed to disasters per 100,00 population	Reported online	S	2001-2018	UK	ONS
13	Climate action	13.1.2	Y	13.1.2 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030	Reported online	N		UK	
13	Climate action	13.1.3	Y	13.1.3 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies	Reported online	N		UK	

13	Climate action	13.2.1		13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other)	Reported online	N		UK	
13	Climate action	13.3.1		13.3.1 Number of countries that have integrated mitigation, adaptation, impact reduction and early warning into primary, secondary and tertiary curricula	Reported online	N		UK	
13	Climate action	13.3.2		13.3.2 Number of countries that have communicated the strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer, and development actions	Reported online	N		UK	
13	Climate action	13.a.1	Y	13.a.1 Mobilized amount of United States dollars per year between 2020 and 2025 accountable towards the \$100 billion commitment	Reported online	N		UK	
13	Climate action	13.b.1		13.b.1 Number of least developed countries and small island developing States that are receiving specialized support, and amount of support, including finance, technology and capacity-building, for mechanisms for raising capacities for effective climate change-related planning and management, including focusing on women, youth and local and marginalized communities	Reported online	N		UK	
14	Life below water	14.1.1		Index of coastal eutrophication and floating plastic debris density	In progress	S	NA	NA	
14	Life below water	14.2.1	Y	Proportion of national exclusive economic zones managed using ecosystem-based approaches	Reported online	S	1950-2019	UK	JNCC
14	Life below water	14.3.1		Average marine acidity (pH) measured at agreed suite of representative sampling stations	No data yet	S	NA	NA	
14	Life below water	14.4.1	Y	Proportion of fish stocks within biologically sustainable levels	Reported online	S	1990-2017	UK	JNCC
14	Life below water	14.5.1	Y	Coverage of protected areas in relation to marine areas	Reported online	S	1950-2019	UK	JNCC
14	Life below water	14.a.1		Proportion of total research budget allocated to research in the field of marine technology	No data yet	S	NA	NA	
14	Life below water	14.c.1		Number of countries making progress in ratifying, accepting and implementing through legal, policy and institutional frameworks, ocean-related instruments that implement international law, as reflected in the United Nation Convention on the Law of the Sea, for the conservation and sustainable use of the oceans and their resources	Reported online	N		UK	
15	Life on land	15.1.1	Y	Forest area as a proportion of total land area	Reported online	S	2004-2020	UK	Forest Research
15	Life on land	15.1.2	Y	Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type	In progress	S	NA	NA	
15	Life on land	15.2.1	Y	Progress towards sustainable forest management	Reported online	S	2001-2019	UK	Forest Research
15	Life on land	15.3.1		Proportion of land that is degraded over total land area	No data yet	S	NA	NA	
15	Life on land	15.4.1		Coverage by protected areas of important sites for mountain biodiversity	In progress	S	NA	NA	
15	Life on land	15.4.2		Mountain Green Cover Index	Reported online	S	2017	UK	FAO
15	Life on land	15.5.1		Red List Index	Reported online	S	2000-2020	UK	UN (IUCN & BirdLife International)
15	Life on land	15.a.1		Official development assistance and public expenditure on conservation and sustainable use of biodiversity and ecosystems	Reported online	S	2010-2016	UK	DFID
17	Partnerships for the goals	17.7.1		Total amount of approved funding for developing countries to promote the development, transfer, dissemination and diffusion of environmentally sound technologies	No data yet	S	NA	NA	