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Radiological Habits Survey: Sizewell, 2025

Cefas contract C8490

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Glossary

ALARA	As Low As Reasonably Achievable
BSS	Basic Safety Standards
DoENI	Department of Energy Northern Ireland
EA	Environment Agency
EU	European Union
IAEA	International Atomic Energy Agency
ICRP	International Commission on Radiological Protection
IRR	Ionising Radiations Regulations
FSA	Food Standards Agency
FSS	Food Standards Scotland
MCZ	Marine Construction Zone
HPA	Health Protection Agency
MOD	Ministry of Defence
MFRZ	Marine Fishing and Recreation Zone
NDAWG	National Dose Assessment Working Group
NIA	Nuclear Installations Act
NIEA	Northern Ireland Environment Agency
NNR	National Nature Reserve
NRPB	National Radiological Protection Board
NRS	Nuclear Restoration Services

NT	National Trust
NRW	National Resources Wales
ONR	Office for Nuclear Regulation
RREMS	Radiological Response and Emergency Management System
RIFE	Radioactivity in Food and the Environment
RNLI	Royal National Lifeboat Institution
RSPB	Royal Society for the Protection of Birds
SEPA	Scottish Environment Protection Agency
UK	United Kingdom
UKHSA	United Kingdom Health and Security Agency

1. Highlights

- The last habits survey completed around the Sizewell A and B nuclear sites was in 2015. At the time of publishing, the 2015 Sizewell report could be accessed via www.cefas.co.uk/expertise/surveys/habits.
- Sizewell C was included in this survey to provide data and information for prospective dose assessments.
- In the aquatic survey area, commercial fishing consisted of potting for crab and lobster, trammel, gill, anchor and drift netting, longlining and trawling for mixed fish and farming Pacific oysters and mussels. Mussel farming was a new activity.
- There was an increase in the consumption of sea fish, crustaceans and marine plants/algae, and a decrease in the consumption of molluscs and wildfowl.
- Sizewell C Limited established a Marine Fishing and Recreation Zone (MFRZ) within Sizewell Harbour. The MFRZ was designated for use by leisure fishermen and other leisure users of the harbour waters.
- Vessel access to the waters around Sizewell was temporarily restricted in 2025 due to survey work being undertaken for the Sizewell C nuclear site and North Falls Offshore Wind Farm.
- Interviews were conducted at farms where beef, sheep and pigs were produced. Vegetables, oil seed rape and sugar beet were grown for human consumption. Fruit and vegetables were also grown commercially and were sold locally.
- For the consumption of terrestrial foods in 2025, there were increases in consumption rates of other vegetables and eggs, and decreases in the consumption rates of potato, sheep meat, honey and venison, compared with 2015. The consumption of pig meat and rabbits/hares was not identified in 2025. However, based on information obtained in the survey, it was assumed that pig meat was being consumed, so it has been included in Annex 4.
- Although the direct radiation area was sparsely populated, it was extremely popular for leisure activities.
- In 2025 compared with 2015, the maximum occupancy rates in the direct radiation area in all three zones were broadly similar. In 2015, employees (who were not site employees or contractors) were spending time within the nuclear licensed site boundary, but this was no longer the case in 2025.
- The Sizewell C construction area occupied a large area to the north-west of the direct radiation survey area and a small area to the south-west. These areas were previously woodland and farmland.

2. Summary

This report presents the results of a survey conducted in 2025 to determine the habits and consumption patterns of people living, working, and pursuing recreational activities in the vicinity of the Sizewell A, B and C nuclear sites on the Suffolk coast in England. The Sizewell A and B sites discharge liquid radioactive waste via pipelines into the North Sea, gaseous radioactive wastes via stacks to the atmosphere, and contain sources of direct radiation. Sizewell C has been included in this survey to provide data and information for prospective dose assessments. Gaseous and liquid discharges of radioactive waste from Sizewell C are not expected to begin until active commissioning of the station in the mid-2030s (EA, FSA, FSS, NRW, NIEA and SEPA, 2025). The 3 nuclear licensed sites are located adjacent to each other, and for the purposes of this survey, Sizewell A, B and C will be considered as one site.

Three areas were defined as most likely to be affected by discharges and radiation sources:

- The aquatic survey area (for liquid discharges)
- The terrestrial survey area (for deposition from gaseous discharges)
- The direct radiation survey area (for ionising radiation from the site itself)

The occupancy data collected from the direct radiation survey area are also applicable to inhalation and external exposure arising from gaseous releases from the site.

The following potential exposure pathways were investigated:

- The consumption of food from the aquatic survey area.
- Activities and occupancy over intertidal substrates.
- The handling of fishing gear and sediment.
- Activities and occupancy in and on water.
- The use of seaweed as fertiliser or animal feed.
- The consumption of food from the terrestrial survey area.
- The use and destination of produce originating from the survey areas.
- The consumption and use of groundwater and surface water in the terrestrial survey area.
- Activities and occupancy within the direct radiation survey area.
- Any new or unusual exposure pathways.

Information was collected from members of the public by means of interviews and the data obtained for 463 individuals are presented and discussed. High rates of consumption, occupancy over intertidal substrates and handling of sediment and fishing gear are identified using established methods comprising (a) a 'cut-off' to define the high-rate group and (b) 97.5th percentiles. The rates identified can be used in dose assessments. Additionally, profiles of integrated habits data are presented specifically for use in 'total dose' assessments.

The aquatic survey area

The aquatic survey area (Figure 6) covered the intertidal areas along the coast of Suffolk from the southern end of Southwold to North Weir Point (at the southern tip of Orford Ness shingle spit), and the adjacent sea area up to 10 km offshore. The tidal stretches of the rivers Blyth, Alde, Ore and Butley were also included.

The main commercial fisheries in the area were:

- Potting for crab and lobster with a by-catch of lesser spotted dogfish (shark).
- Trammel, gill, anchor and drift netting for bass, Dover sole, lesser spotted dogfish (shark), thornback ray and plaice.
- Long lining for thornback ray and spurdog (shark).
- Trawling for Dover sole, flounder and thornback ray.
- Farming of Pacific oysters and mussels.

Samphire was collected from the banks of the River Alde and sea kale was collected from the shore within the survey area. Seaweed was not being collected from the shore for use as fertiliser or animal feed.

Wildfowling took place on mud and salt marsh on the rivers Alde and Ore by individuals who were members of a local wildfowling association. A variety of wildfowl were shot and consumed including Canada goose, greater white-fronted goose, greylag goose, mallard, shoveler, teal and wigeon.

Other activities taking place on intertidal areas included angling, boat maintenance, attending beach school, crabbing, cycling, dog walking, fixing and checking moorings, fixing pots and nets, going to the oyster beds and a mussel farm, launching boats, rescue duties, painting, playing, sitting on the beach, water sports preparation, undertaking beach warden duties, wildfowling, working and yoga.

Activities taking place in and on water included boat angling, fixing moorings, living on a boat, pleasure cruising, potting, rescue duties, rowing, sailing, sub-aqua diving, swimming, undertaking watersports and working on a boat.

The terrestrial survey area

The terrestrial survey area (Figure 7) covered the land and watercourses within 5 km of the approximate Sizewell site centre (National Grid Reference: TM 473 637). The land in the terrestrial survey area is predominantly agricultural, alongside residential areas, woodland and freshwater marshland. Interviews were conducted at working farms, where beef, sheep and pigs were produced commercially. Beef cattle, lambs and pigs were sold to a meat wholesaler. In addition, lamb was sold locally. Barley, beans, grass (for haylage and silage), maize (for silage), oats, spring barley and wheat were grown for animal feed. Oil seed rape was produced and destined for human consumption. Sugar beet and peas were grown and sold to national distributors. Potatoes, onions and carrots were sold to national supermarkets. Wheat and barley were grown and sold to grain merchants in the UK and abroad. Farmers and their families were consuming their own beef and lamb produce. Fruits and vegetables were grown commercially, and the produce was sold locally.

Three allotment sites were identified within the terrestrial survey area where a wide variety of fruit and vegetables were grown. Beekeeping was identified within the terrestrial survey area, and the consumption of honey was recorded. Game shooting was identified taking place on farmland with venison, pheasant, pigeon and partridge being consumed. Wild foods including blackberries, damsons, hazel nuts, sloes and mushrooms were collected and consumed.

Foods from the terrestrial survey area were consumed from the following 13 food groups: green vegetables; other vegetables; root vegetables; potato; domestic fruit; cattle meat; sheep meat; poultry; eggs; wild/free foods; honey; wild fungi; venison. The mean consumption rates for the adult high-rate groups were above the national adult mean consumption rates that are used for comparison in habits surveys for the following 8 food groups: green vegetables; other vegetables; root vegetables; potato; domestic fruit; cattle meat; eggs; honey.

Human consumption of groundwater, including borehole and well water, was identified within the terrestrial survey area. Livestock were identified drinking mains water and had access to streams and rivers. Crops were irrigated with water from a borehole and surface abstraction.

The nuclear site operators were asked about the potential transfer of contamination off-site by wildlife since radionuclides could enter the food chain or contaminate the environment

through this pathway. The nuclear site operators reported that it was highly unlikely that wildlife could enter controlled areas, as all doors and openings remain closed when not in use, and did not consider this pathway to be a risk.

The direct radiation survey area

The direct radiation survey area (Figure 8) covered the land and sea within 1.0 km of the combined Sizewell nuclear licensed site boundary. The occupancy data collected from the direct radiation survey area are also applicable to inhalation and external exposure pathways arising from gaseous releases from the site.

The occupancy rates were analysed in zones according to the distance from the nuclear licensed site boundary. The zones were 0 – 0.25 km, >0.25 – 0.5 km and >0.5 – 1.0 km. There were residential properties located in each of these zones. In the 0 – 0.25 km zone, the highest indoor and total occupancy rates were for a resident. The highest outdoor occupancy rate was for another resident who also worked in this zone. For the >0.25 – 0.5 km zone, the highest indoor and total occupancy rates were for a resident. The highest outdoor occupancy rate was for another resident. For the >0.5 – 1.0 km zone, the highest indoor and total occupancy rates were for a resident. The highest outdoor occupancy rate was for another resident.

Gamma dose rates were measured indoors and outdoors at most of the residences and businesses where interviews were conducted in the direct radiation survey area. Background readings were taken over grass at distances beyond 5 km from the Sizewell nuclear site centre. Of the 11 measurements taken indoors at locations within the direct radiation survey area, 9 were higher than the maximum background reading. The measurements taken inside buildings are expected to be higher than those taken outdoors because building materials and ground type can increase the gamma dose rates. Of the 16 measurements taken outdoors at locations within the direct radiation survey area, 1 reading was higher than the maximum background reading. However, all readings taken at the time of the survey were below the range observed for the Radiological Response and Emergency Management System (RREMS) programme system.

Impacts on activities resulting from the construction of Sizewell C

The Sizewell C Main Construction Site is located adjacent to the northern boundary of Sizewell B. Part of the Sizewell B land was transferred to Sizewell C, however at the time of the survey the nuclear licensed site boundary at the northern end of the Sizewell B had not yet changed to cover this area. The Temporary Construction Area covered most of the north-western part of the direct radiation survey area and the Ancillary Construction Area covered a small part to the south-west. These areas were previously woodland and farmland.

Survey work was taking place in the waters around Sizewell for the C site ([Seabed Works - Surveys - Sizewell C Works Tracker](#)) and for the North Falls Offshore Wind Farm, which is an extension project to the Greater Gabbard Offshore Wind Farm ([Greater Gabbard | SSE Renewables](#)). Many of the commercial fishermen reported that the surveys had temporarily restricted access to vessels in this area. It was also reported that the surveys had displaced some of the sand on the seabed revealing debris, including old planes, boats and other items, which were causing a hazard to fishing nets, and further restricting fishing in this area.

Sizewell C Limited established a MFRZ (Figure 1) within Sizewell Harbour on 28th August 2025 for an initial 6-month period. The MFRZ was designated for use by leisure fishermen and other leisure users of the harbour waters. Commercial, service and construction vessels were excluded from the MFRZ unless they had permission from the Sizewell C Harbour Master. It was anticipated by fishermen that this will restrict fishing activities in this area in the future. Enforcement officers had observed recreational handlining taking place within the MFRZ area.



Figure 1. Map of Sizewell C MFRZ (limit is shown by the bold red line) ([NtM-10-of-2025-Marine-Recreation-and-Fishing-Zone.pdf](#))

From January 2026, marine construction works will take place in the Marine Construction Zone (Figure 1). A permanent Beach Landing Facility will be built to allow the delivery of materials and components by water. A temporary jetty is also proposed to allow large barges to berth close to the site to deliver aggregate. Various intake and outfall tunnels will

also be built in the harbour below the seabed. ([NtM-10-of-2025-Marine-Recreation-and-Fishing-Zone.pdf](#)) ([Marine Works - Sizewell C Harbour Authority](#))

Comparisons with the previous survey

Comparisons for adults were made with the results from the previous Sizewell habits survey in 2015. Reasons for changes in the consumption and occupancy rates were identified for certain pathways which are presented in Section 10 of the report.

For the consumption of foods from the aquatic survey area (Figure 2), the change of note in 2025 was an increase in the consumption of sea fish.

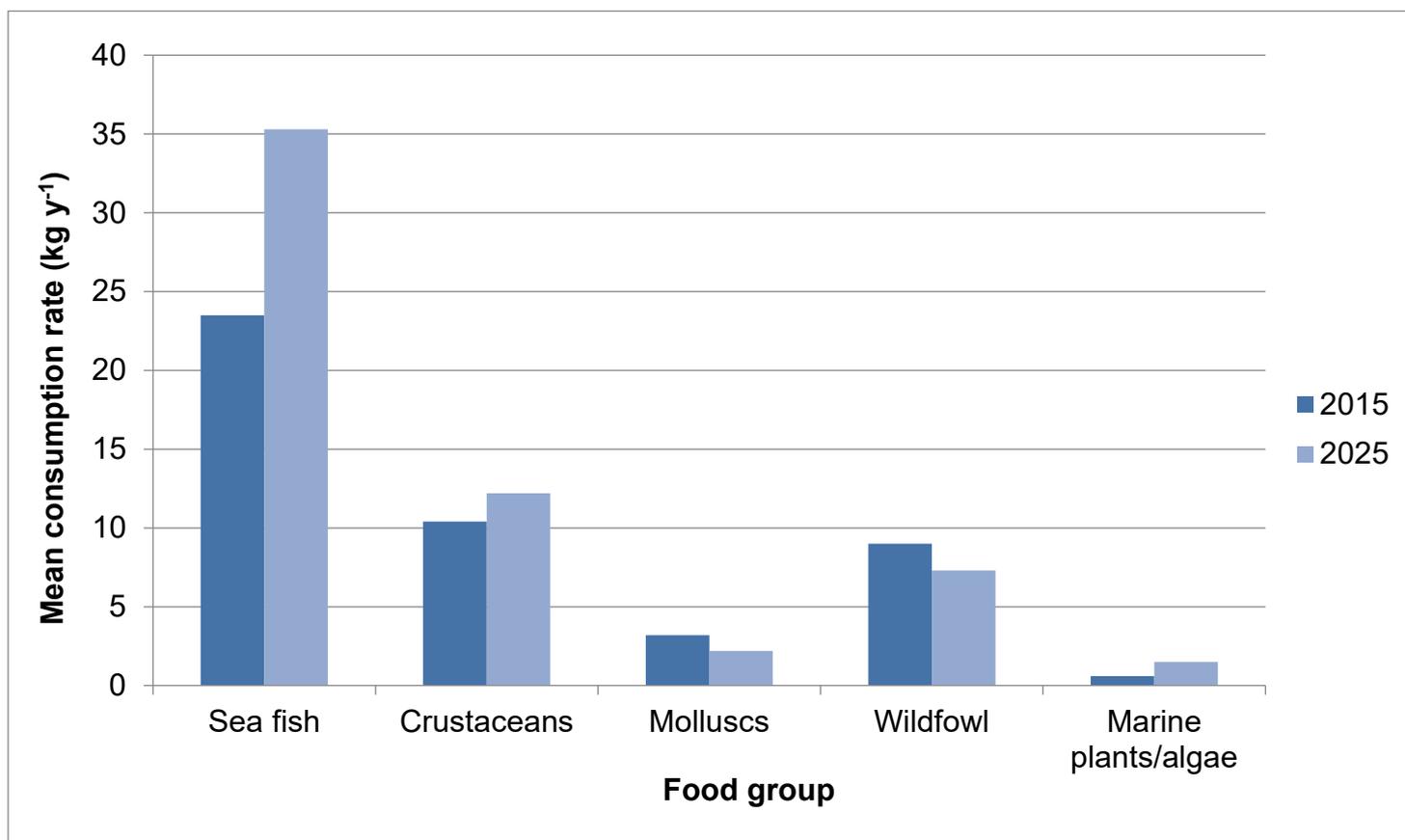


Figure 2. Comparison between 2015 and 2025 mean rates for the high-rate groups for aquatic foods

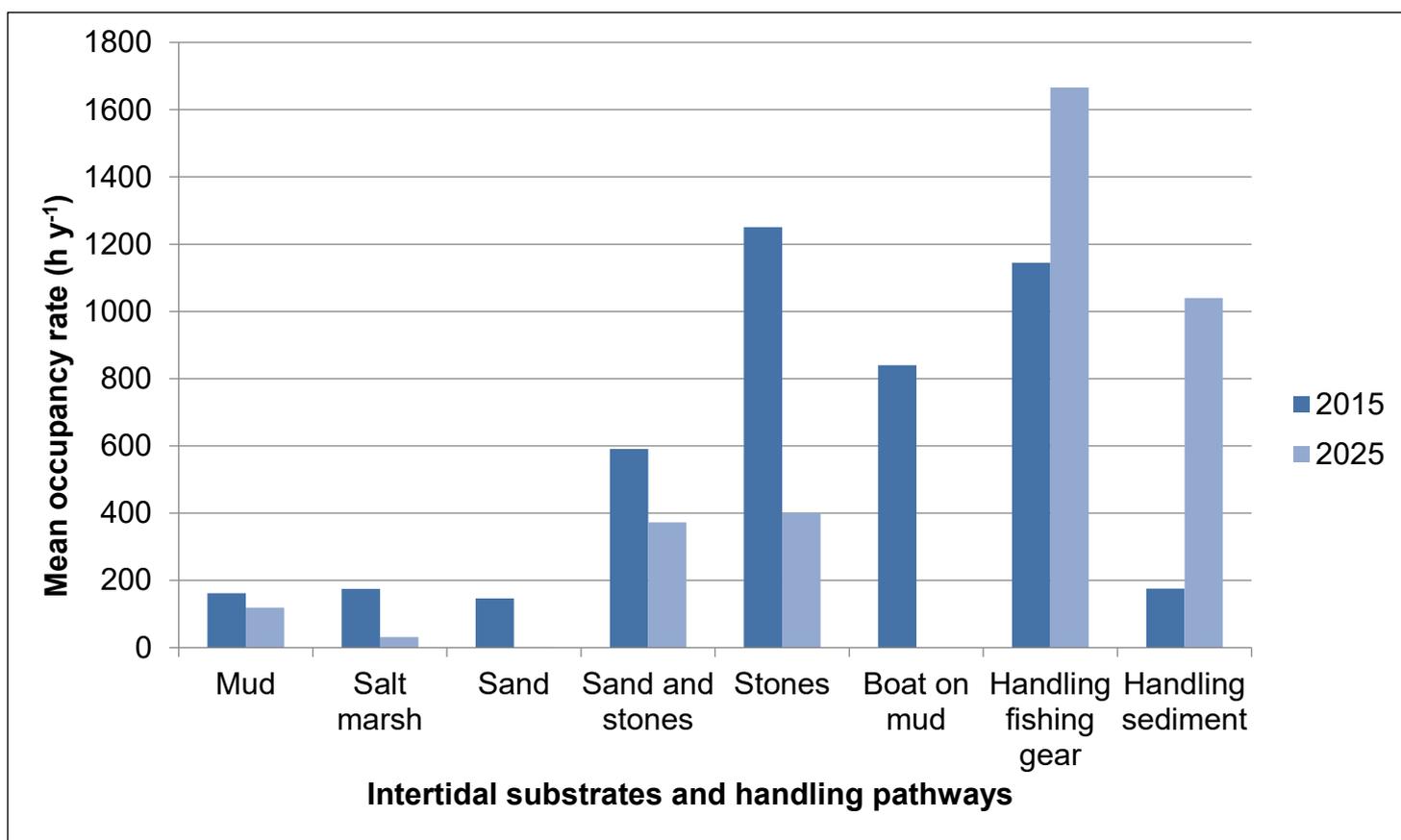


Figure 3. Comparison between 2015 and 2025 mean rates for the high-rate groups for occupancy over intertidal substrates, and handling pathways

The changes of note in 2025 for occupancy over intertidal substrates 2025 (Figure 3) were decreases in occupancy over salt marsh, over sand and over stones. In addition, an increase in handling sediment. Occupancy on a boat on mud was identified in 2015 but not in 2025.

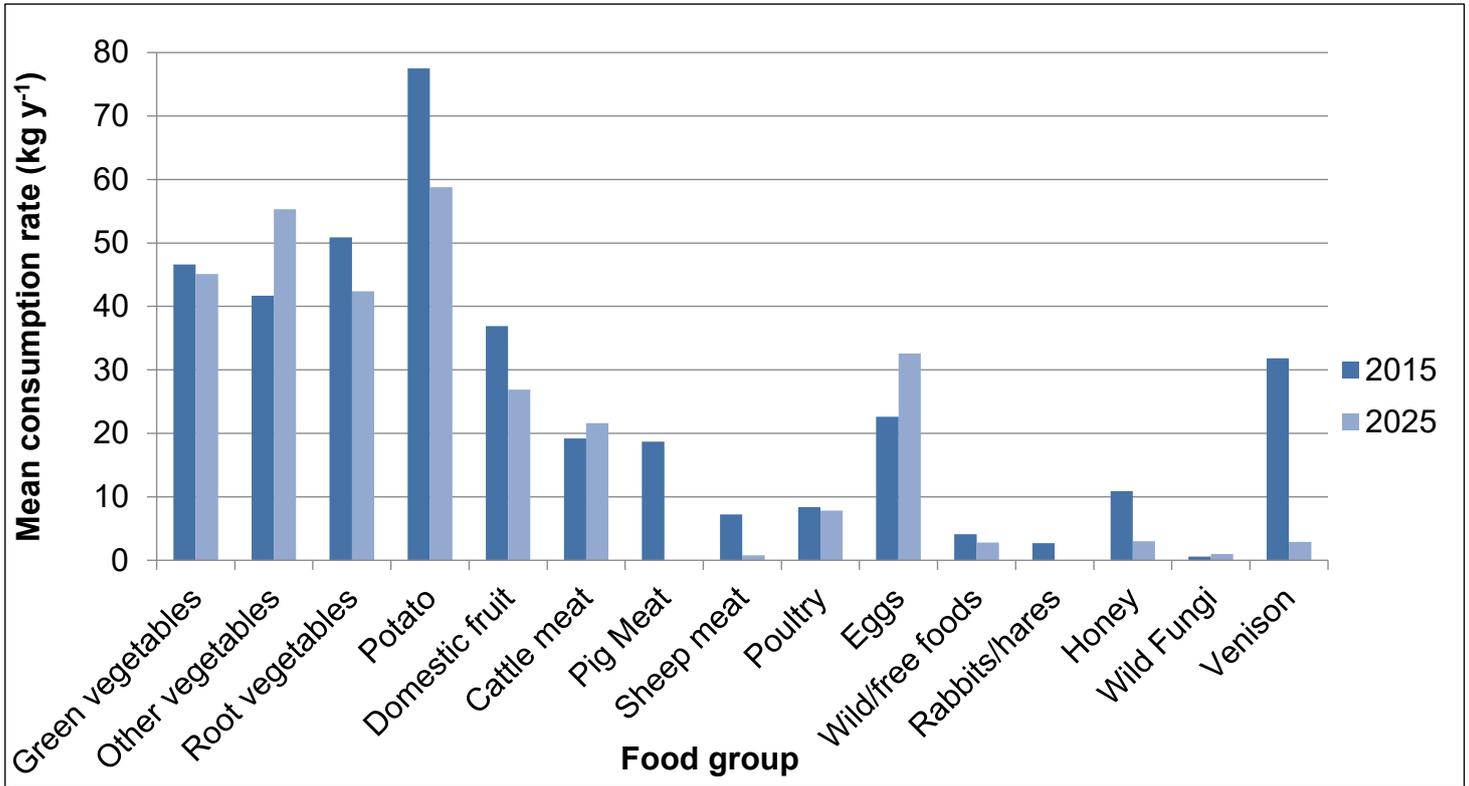


Figure 4. Comparison between 2015 and 2025 mean consumption rates for the high-rate groups for terrestrial foods

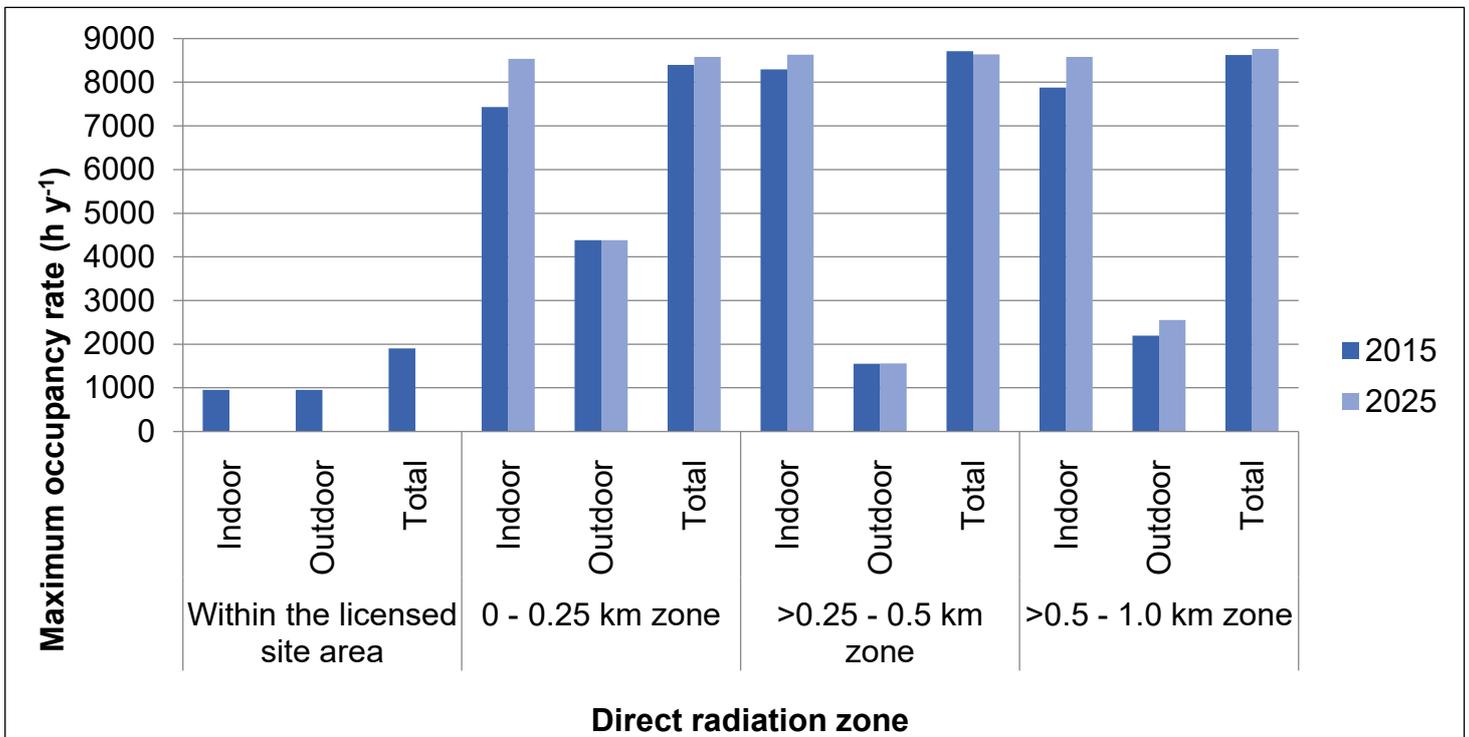


Figure 5. Comparison between 2015 and 2025 maximum direct radiation occupancy rates

For the consumption of terrestrial foods, the changes of note in 2025 were the decreases in the consumption rates of sheep meat, honey and venison, compared with 2015 (Figure 4). The consumption of pig meat and rabbits/hares was identified in 2015, but not in 2025.

The maximum occupancy rates in the three direct radiation area zones were broadly similar in 2015 and 2025. In 2025 there was a slight increase in the indoor rate in the 0 – 0.25 km zone and in the >0.5 – 1.0 km zone (Figure 5). In 2015, employees (who were not site employees or contractors) were working within the nuclear licensed site, but in 2025, they were no longer working in this area.

Habits survey information for consideration when selecting samples and measurements for the Environment Agency and Food Standards Agency monitoring programmes

The foods and intertidal locations identified in the 2025 Sizewell habits survey could be used to assist in the selection of samples and measurements for future monitoring programmes. The foods that were either consumed in the largest quantities in their food groups, or were the only food in their food group, are presented in Section 1.1. These foods could be considered for sample selection for the Food Standards Agency monitoring programme. The current environmental monitoring programme conducted for the Environment Agency adequately covers the Sizewell area and no changes are suggested.

3. Introduction

Members of the public might be exposed to radiation as a result of the operations of the Sizewell A and B nuclear licensed sites, either through the permitted discharges of liquid or gaseous radioactive wastes into the local environment, or from radiation emanating directly from the site. Sizewell C is currently under construction, and although it is not expected to begin discharging radioactive wastes until active commissioning of the station in the mid-2030s (EA, FSA, FSS, NRW, NIEA and SEPA, 2025), it has been included in this survey to provide data and information for prospective dose assessments. The Sizewell A, B and C nuclear sites are adjacent to each other, and for the purposes of this survey are considered together as a single site.

This report provides information on activities carried out by members of the public in the vicinity of the Sizewell combined nuclear licensed site, which may influence their radiation exposure. This study has been funded by the Environment Agency (EA), the Food Standards Agency (FSA) and the Office for Nuclear Regulation (ONR) in order to support their respective roles in protecting the public from exposure to radiation.

UK policy on the control of radiation exposure has long been based on the recommendations of the International Commission on Radiological Protection (ICRP), which embody the principles of justification of practices, optimisation of protection and dose limitation. Radiological protection of the public is based on the concept of a 'representative person'. ICRP (2007) recommendations use the term 'representative person' for assessing doses to members of the public. It is defined as 'an individual receiving a dose that is representative of the more highly exposed individuals in the population'. The 'representative person' concept is considered equivalent to the previously used 'critical group'.

3.1. Regulatory framework

In England, the EA regulates the discharges of radioactive waste under Environmental Permitting (England and Wales) Regulations 2016 (UK Parliament, 2016). These regulations transpose parts of the revised European Union (EU) Basic Safety Standards (BSS) Directive 2013/59/Euratom (European Commission, 2014) which embody the recommendations of the ICRP, particularly ICRP 103 (ICRP, 2007). The revised BSS Directive was adopted in 2013 to consolidate and update existing Euratom provisions for protection against the harmful effects of ionising radiation by replacing 5 existing Directives and a Commission Recommendation into one Directive covering occupational, medical and public exposure (European Commission, 2014). Installation and operation of certain

prescribed activities can only occur on sites if they are licensed under the Nuclear Installations Act 1965 (as amended) (NIA 65) (UK Parliament, 1965). The ONR has implemented this legislation and is also responsible for regulating, under the Ionising Radiations Regulations 2017 (IRR 17) (UK Parliament, 2017), the exposure of the public to direct radiation from the operations occurring on these sites.

Appropriate discharge limits are set by the EA, after wide-ranging consultations that include the FSA. The FSA is responsible for ensuring that any radioactivity present in food does not compromise food safety and that permitted discharges of radioactivity do not result in unacceptable doses to consumers via the food chain. The FSA also ensures that public radiation exposure via the food chain is within acceptable limits.

3.2. Radiological protection framework

Dose standards for the public are embodied in the national policy (UK Parliament, 2012; Business Energy Industrial Strategy, 2018), in guidance from the International Atomic Energy Agency (IAEA), in the Basic Safety Standards for Radiation Protection (IAEA, 1996) and in European Community legislation in the EU BSS Directive 2013/59/Euratom (EC, 2014). The public dose standards were incorporated into UK law under IRR 17. The requirement to observe the conditions laid down in the Basic Safety Standards (BSS) in England and Wales is incorporated in Environmental Permitting (England and Wales) Regulations 2016 (UK Parliament, 2016). These require that the environment agencies ensure, wherever applicable, that:

- All public radiation exposures from radioactive waste disposals are kept As Low As Reasonably Achievable (ALARA), with social and economic factors being taken into account.
- The sum of all exposures does not exceed the dose limit of 1 mSv a year.
- The dose received from any new source does not exceed 0.3 mSv a year.
- The dose received from any single site does not exceed 0.5 mSv a year.

The dose limit of 1 mSv per year to the public from all anthropogenic sources other than medical applications is also the recommendation made by the ICRP (ICRP, 2007).

The UK environment agencies are also required to ensure that the dose estimates are as realistic as possible for the population as a whole and for reference groups of the population. They are required to take all necessary steps to identify the reference groups of the population, considering the effective pathways of transmission of radioactive substances. Guidance on the principles underlying prospective radiological assessments (for assessments of potential future doses) were provided by the National Dose

Assessment Working Group (NDAWG), which consisted of representatives of UK Government Bodies and other organisations with responsibilities for dose assessments (EA, SEPA, DoENI, NRPB and FSA, 2002). NDAWG also published principles underlying retrospective radiological assessment (for assessments of doses already received from past discharges) (Allott, 2005) and possible methods of carrying out these assessments using the data from combined habits surveys (Camplin and others, 2005). NDAWG agreed that the optimal method for performing retrospective dose assessments would be to use habits profiles (profiling method) as described in Camplin and others (2005). This approach was adopted in Radioactivity in Food and the Environment (RIFE) publications, (for example: EA, FSA, FSS, NRW, NIEA and SEPA, 2025) [RIFE 30, Radioactivity in Food and the Environment, 2024 - GOV.UK](#). NDAWG published reports on the collection and use of habits survey data in retrospective and prospective dose assessments (NDAWG, 2005; NDAWG, 2012); the principles described in these reports are consistent with those used here. The UK environment agencies, the Health Protection Agency (HPA) (currently United Kingdom Health Security Agency (UKHSA)), and the FSA jointly produced an update of the 2002 interim guidance and principles for assessing prospective doses (EA, SEPA, NIEA, HPA and FSA, 2012). The UKHSA (2021- present) were previously known as the National Radiological Protection Board (NRPB, up to 2005), the HPA (2005-2013) and Public Health England (PHE, 2013-2021).

4. The survey

4.1. Site activity

The Sizewell nuclear sites are located on the Suffolk coast, approximately 3 km east of the town of Leiston (Figure 6). There are two nuclear power stations situated next to each other, Sizewell A and Sizewell B. Sizewell A has two Magnox reactors that ceased generating electricity in December 2006. The station was in decommissioning, and several facilities (including the turbine hall) have been dismantled and cleared. Sizewell B has the only operating pressurised water reactor in the UK. It started generating electricity in 1995 and is expected to continue generation until 2035.

Sizewell A was operated by Nuclear Restoration Services (NRS) and Sizewell B was operated by EDF Energy Nuclear Generation Ltd. Under the radioactive substances provisions of Environmental Permitting (England and Wales) Regulations 2016 (UK Parliament, 2016), NRS and EDF Energy Nuclear Generation Ltd are permitted to undertake radioactive substances activities at their respective nuclear sites. This includes permission to discharge gaseous radioactive wastes via approved outlets to the atmosphere and liquid radioactive wastes via outfalls into the North Sea. The sites are

licensed for the purposes of operating certain activities prescribed under the Nuclear Installations Act, 1965 (as amended). The Sizewell A and B sites contain sources of direct radiation. Details of the amounts of gaseous and liquid radioactive waste discharged are published in the RIFE reports (for example: EA, FSA, FSS, NRW, NIEA and SEPA, 2025) [RIFE 30, Radioactivity in Food and the Environment, 2024 - GOV.UK](#).

At the time of the survey the construction of Sizewell C was in the earth works phase. Two European Pressurised Reactors are planned for this site. The EA granted the radioactive substances permit to Sizewell C Limited in March 2023. In May 2024, the ONR granted Sizewell C Limited a nuclear licence. Gaseous and liquid discharges of radioactivity from Sizewell C are not expected to begin until active commissioning of the station in the mid-2030s. (EA, FSA, FSS, NRW, NIEA and SEPA, 2025) [RIFE 30, Radioactivity in Food and the Environment, 2024 - GOV.UK](#)

4.2. Survey objectives

The Centre for Environment, Fisheries & Aquaculture Science (Cefas) completed the Sizewell habits survey in 2025 under contract to the EA, the FSA, and the ONR. The aim of the survey was to obtain comprehensive information on the habits of the public that might lead to their exposure to radiation via gaseous discharges, liquid discharges and direct radiation from the Sizewell combined nuclear licensed site.

Specifically, investigations were conducted into the following:

- The consumption of food from the aquatic survey area.
- Activities and occupancy over intertidal substrates.
- The handling of fishing gear and sediment.
- Activities and occupancy in and on water.
- The use of seaweed as fertiliser or animal feed.
- The consumption of food from the terrestrial survey area.
- The use and destination of produce originating from the survey areas.
- The consumption and use of groundwater and surface water in the terrestrial survey area.
- Activities and occupancy within the direct radiation survey area.
- Any new or unusual exposure pathways.

Additionally, information on the potential transfer of contamination off-site by wildlife was obtained from the nuclear site operators.

4.3. Survey areas

The geographic extent of the potential effects of radioactivity varies depending on the pathway - liquid discharges, deposition from gaseous discharges, or direct radiation. Therefore, three separate survey areas were defined to cover each of these main sources of exposure. These were an aquatic survey area relating to liquid discharges, a terrestrial survey area relating to deposition from gaseous discharges, and a direct radiation survey area relating to ionising radiation emanating directly from the Sizewell A and B nuclear licensed sites.

The aquatic survey area (Figure 6) covered the intertidal areas along the coast of Suffolk from the southern end of Southwold to North Weir Point (at the southern tip of Orford Ness shingle spit), and the adjacent sea area up to 10 km offshore. The tidal stretches of the rivers Blyth, Alde, Ore and Butley were also included.

The terrestrial survey area (Figure 7) covered all land, watercourses and freshwater bodies within 5 km of the approximate site centre (National Grid Reference: TM 473 637), to encompass the main areas of potential deposition from gaseous discharges.

The direct radiation survey area (Figure 8) was defined as all land and sea within 1.0 km of the combined nuclear licensed site boundary, split into 3 zones, which were 0 – 0.25 km, >0.25 – 0.5 km and >0.5 – 1.0 km. The occupancy data collected from the direct radiation survey area is also applicable to inhalation and external exposure pathways arising from gaseous releases from the nuclear site.

There were changes to the survey areas in 2025 compared with those used in the 2015 survey (Garrod and others, 2016), which were:

- The aquatic survey area started at the southern end of Southwold instead of Southwold town. This was due to improved mapping technology used in 2025.
- The terrestrial survey area and the direct radiation survey areas were based on the Sizewell A, B and C sites in 2025, instead of Sizewell A and B in 2015. A new approximate site centre was used to determine the terrestrial survey area, and a combined Sizewell A, B and C nuclear licensed site boundary was used to determine the direct radiation survey area. The direct radiation survey area increased by approximately 25%.

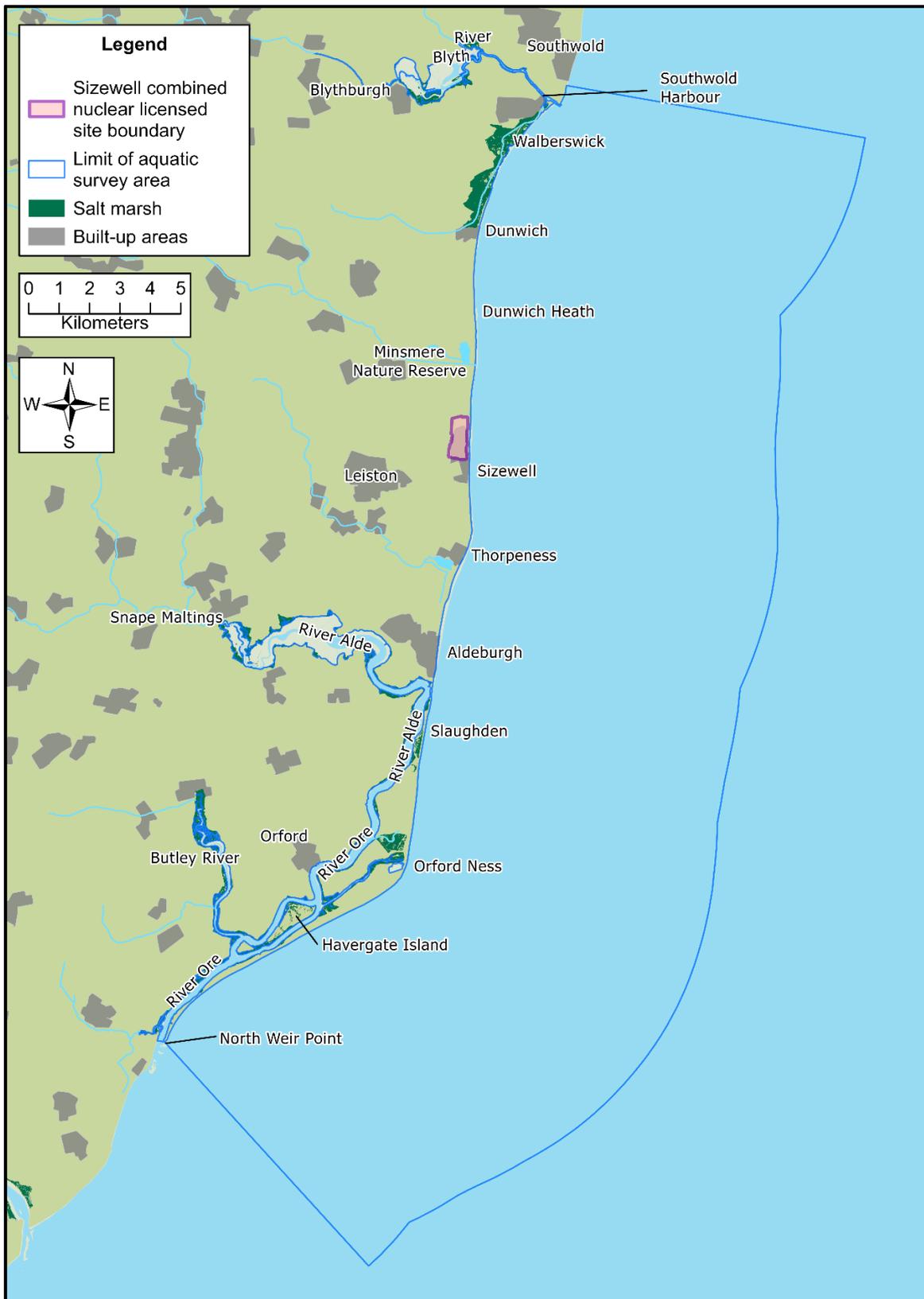


Figure 6. The Sizewell aquatic survey area

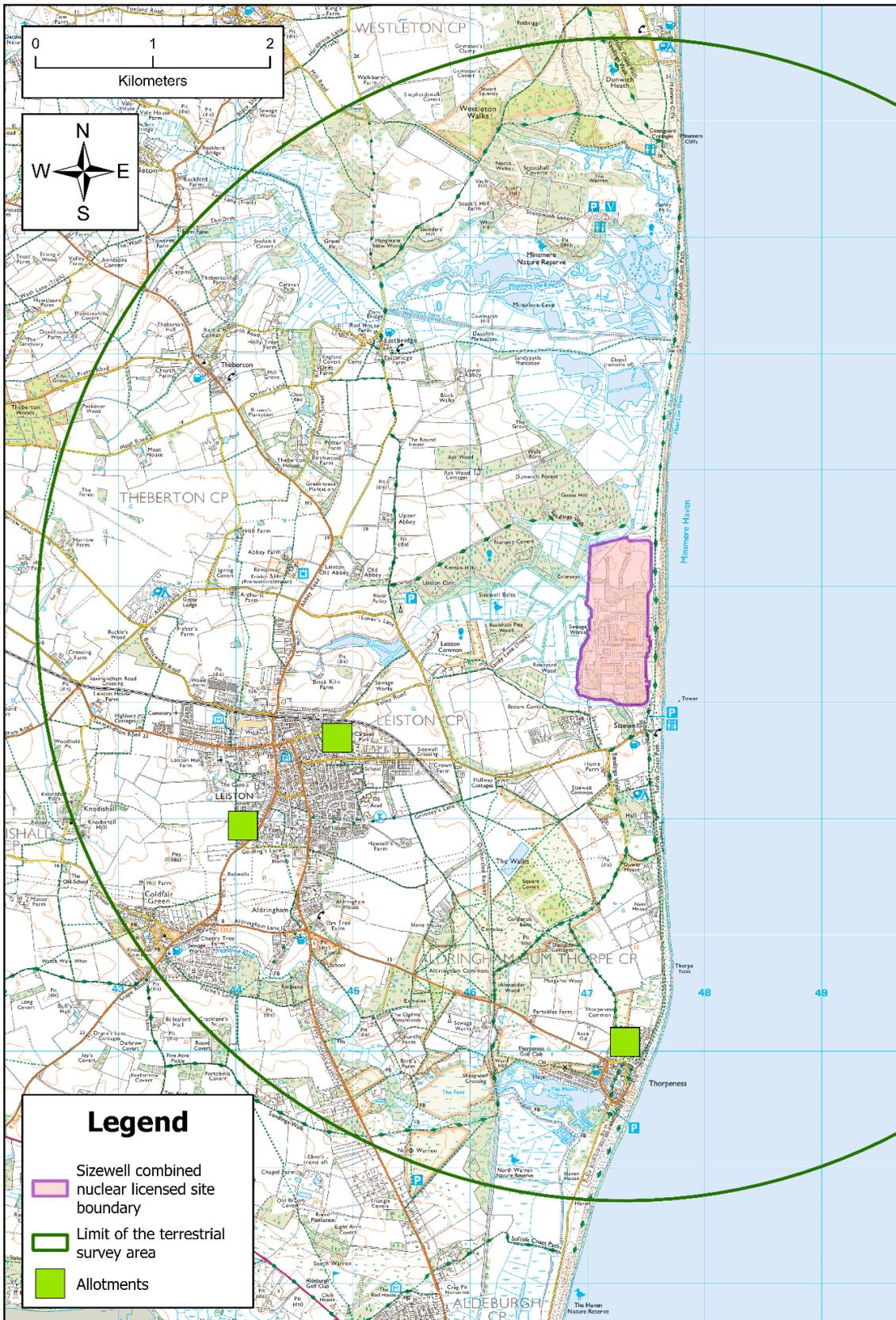


Figure 7. The Sizewell terrestrial survey area

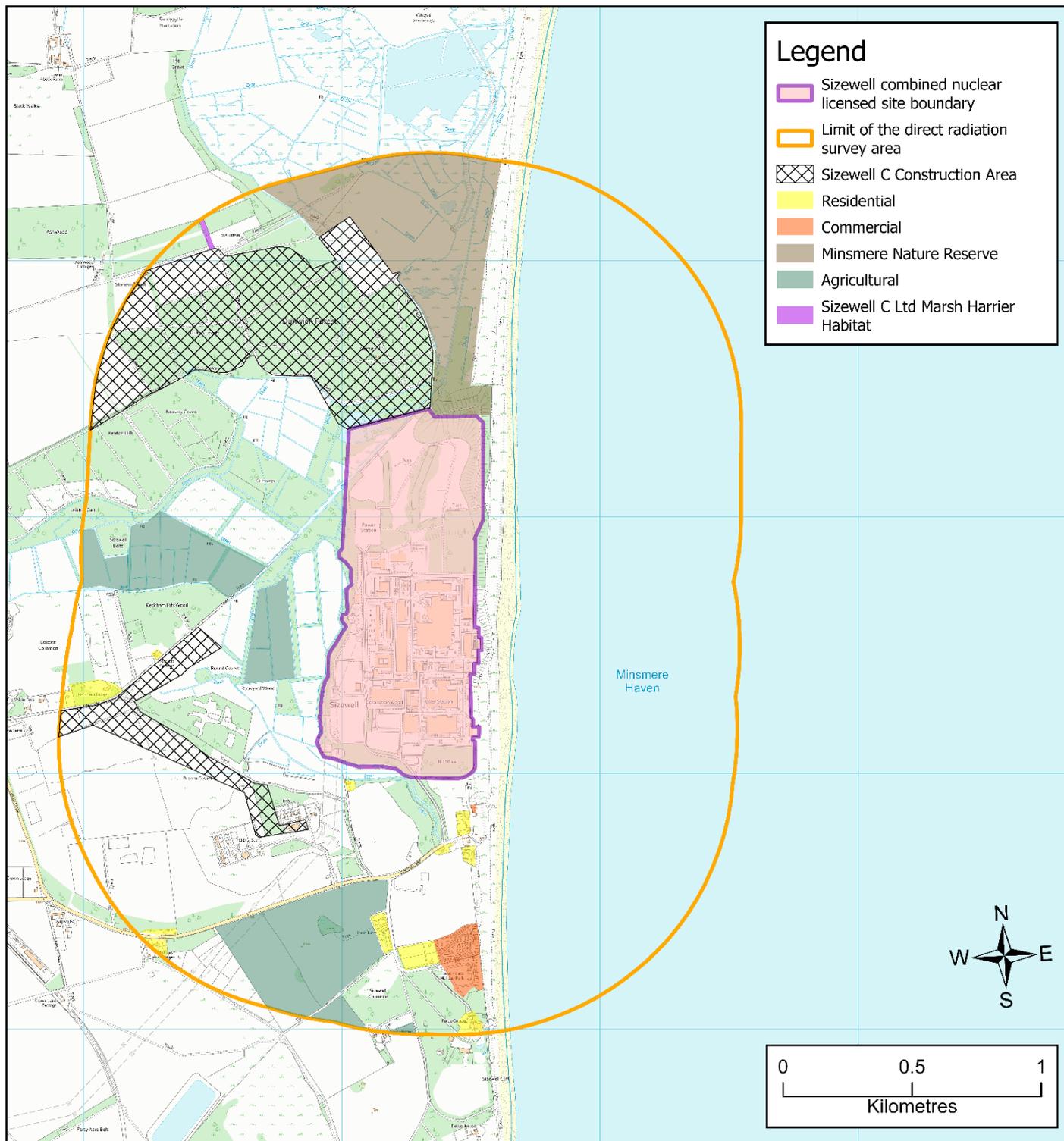


Figure 8. The Sizewell direct radiation survey area

4.4. Conduct of the survey

As part of the pre-survey preparation, the EA, FSA and ONR were contacted to identify any additional site-specific requirements. Information relating to the activities of people in the aquatic and the terrestrial survey areas was obtained from internet searches, Ordnance Survey maps and from previous habits surveys undertaken around the Sizewell nuclear licensed site. People with local knowledge of the survey area were contacted for information relevant to the various exposure pathways. These included Leiston Town Council, who provided access to the Leiston allotments.

The fieldwork was carried out from the 14th to the 22nd July 2025 using survey techniques and methodology consistent with the previous Sizewell habits survey report (Garrod and others, 2016). During the fieldwork, a meeting was held between members of the survey team and representatives from NRS, EDF Energy Nuclear Generation Ltd and Sizewell C Limited. The discussion provided details about current site activities, local information, potential exposure pathways and activities in the area, and the potential for transfer of contamination off-site by wildlife.

The following information was obtained during the meeting:

Sizewell A

- There was a change in the nuclear licensed site boundary since the last habits survey because an area of land in the Sizewell A nuclear licensed site was transferred to the Sizewell B site.
- The site is currently in the care and maintenance preparations phase of decommissioning, which is planned until 2041.
- The pond decommissioning is ongoing.
- The turbine hall has been demolished.
- There is a waste storage area to the north-east of Sizewell A which has resulted in elevated fence dose readings.
- The frequency of discharges has increased but at low volumes resulting in no overall change.
- Sizewell A and Sizewell B sites shared a monitoring programme.
- Wildlife were highly unlikely to enter controlled areas, as all doors and openings remain closed when not in use, and this was not considered by NRS to be a risk. Gull nests without eggs are removed.

Sizewell B

- The Sizewell B nuclear licensed site boundary had changed since the last habits survey because an area of land previously owned by Sizewell A was transferred to Sizewell B.
- A section of land currently within the Sizewell B site licence boundary is expected to be transferred to Sizewell C in 2026. At the time of the survey this area of land remained within the Sizewell B licensed site.
- Routine operations were being undertaken at the time of the survey.
- At the time of the survey there was a slightly elevated dose at the north-eastern side of the site due to waste storage located at least 15 metres from the site boundary fence. There was a plan to move this before Sizewell C building contractors began work in that area.
- It was highly unlikely that wildlife could enter controlled areas, as all doors and openings remain closed when not in use, and this was not considered by EDF Energy Nuclear Generation Ltd to be a risk.

Sizewell C

- Sizewell C is owned by the UK government, EDF and other investors and operated by Sizewell C Limited.
- The site holds a radioactive substances activity permit, but gaseous and liquid discharges of radioactivity are not expected to be released until active commissioning of the power station in the mid-2030s.
- At the time of the survey, the site was in the earth works construction phase. There was also construction of sea defences and contractor accommodation.
- A new post-16 education campus will be built on the edge of Leiston, which is intended for students, staff and apprentices.
- Radiological baseline testing has been conducted. A screening dose assessment has been produced for the proposed desalination plant.
- Licences have been obtained to relocate protected species from the construction site. Wildlife habitats and nature reserves, including the area called 'Wild Aldhurst', and an area of land to the north of the site created for Marsh Harriers, have been created for the animals to be relocated to.

After the meeting, it was confirmed that the accommodation block will be built near Leiston, which is not located within the direct radiation survey area.

The EA confirmed that during the application phase, Sizewell C provided a full dose assessment using default values in PC-Cream. The EA conducted an independent dose assessment using data from the 2015 habits report (Garrod and others, 2016).

Interviews were conducted with individuals who were identified in the pre-survey preparation and others that were identified during the fieldwork. These included, for example, people spending time on intertidal substrates, farmers, allotment holders, beekeepers and people spending time within the direct radiation survey area. Interviews were used to establish individuals' consumption, occupancy and handling rates relevant to the aquatic, terrestrial and direct radiation survey areas. Any other information of possible use to the survey was also obtained. Gamma dose rate measurements were taken over intertidal substrates in the aquatic survey area, and indoors and outdoors at most residences and businesses in the direct radiation survey area where interviews were conducted. Background gamma dose rates were taken at a distance beyond 5 km from the site centre. All gamma dose rate measurements were taken using multiple Thermo RadEye GX Survey Meters, each connected to a compensated Geiger-Müller tube.

For practical and resource reasons, the survey did not involve the entire population in the vicinity of the Sizewell nuclear site. Instead, it targeted subsets or groups chosen to identify those individuals potentially most exposed to radiation pathways. However, it is possible that even within a subset or group there may have been people not interviewed during the survey. Therefore, to aid interpretation, the number of people for whom data were obtained in each group has been calculated as a percentage of the estimated complete coverage for that group (where it was possible to make such an estimate). The results are summarised in Table 27. These 'groups' are described and quantified, and the numbers of people for whom data were obtained are given as percentages of the totals. For certain groups, such as anglers, it can be virtually impossible to calculate the total number of people who undertake the activity in the survey area because it is difficult to quantify visitors from outside the area or occasional visitors during the year. Based on the most recent UK Office of National Statistics residential data for electoral wards (www.ons.gov.uk) there were approximately 12,000 people living in the terrestrial survey area, although information was obtained from a significantly smaller number of residents. The survey did not include employees or contractors at the nuclear licensed sites while they were at work. This is because dose criteria applicable to these people whilst at work and the dose assessment methods (IRR 17) are different from those for members of the public. However, data were collected for employees and contractors while outside work if these people were encountered during the survey.

People were initially questioned about their habits relating to the survey area that their first identified activity occurred in and, where possible, they were also asked about their habits relating to the other 2 survey areas. For example, people in the terrestrial survey were initially questioned because it was known that they produced significant quantities of terrestrial foodstuffs. However, they were also asked about habits that might lead to exposure to liquid discharges or direct radiation. During interviews with representatives

from organisations such as local businesses, it was not possible to collect data for all pathways (for example consumption of local foods) for each person. In these cases, the data were limited to those relating to the primary reason for the interview. For example, in the case of a business within the direct radiation survey area, the occupancy rates for the employees.

5. Methods for data analysis

5.1. Data recording and presentation

Data collected during the fieldwork were recorded in logbooks. On return to the laboratory, the data were examined, and any notably high rates were double-checked, where possible, by way of a follow-up phone call. In cases where follow-up phone calls were not possible (for example: interviewees who wished to remain anonymous), the data were either checked for reasonableness or accepted at face value. The raw data were entered into a data capture application and then uploaded to a habits survey database where each individual for whom information was obtained was given a unique identifier (the Person ID number) to assist in maintaining data quality and traceability.

Where generalised data for groups of people were collected, such as occupancy rates in the direct radiation survey area for employees at businesses, only a limited number of representative individuals were included in the data.

The results of the individuals' consumption, occupancy and handling rates collected during the survey were grouped and presented in tables with the high-rate group members indicated in bold and with the calculated mean rates for the high-rate group and 97.5th percentile rates. The consumption rates, occupancy rates and handling rates for all groups are presented in Annex 1 for adults, Annex 2 for children and Annex 3 for infants, with the high-rate group members indicated in bold.

If accurate, quantifiable data cannot be obtained from interviews, but pathways are known or assumed to exist, it is sometimes necessary to provide estimated habits data for use in dose assessments. In this series of habits survey reports, such data is presented in Annex 4. Based on information obtained in the survey, it was assumed that pig meat was still being consumed in 2025. Therefore, the maximum consumption rate from 2015 (26.1 kg y⁻¹) is considered for radiological dose assessment purposes and has been included in Annex 4 and Annex 7.

5.2. Data conversion

During the interviews, people could not always provide consumption rates in kilograms per year for food or litres per year for milk. In these circumstances, interviewees were asked to provide the information in a different format. For example, some estimated the size and number of items (for example: eggs) consumed per year, whereas others gave the number of plants in a crop or the length and number of rows in which the crop was grown per year. The habits survey database converted these data into consumption rates (kg y^{-1} for food and l y^{-1} for milk) using a variety of conversion factors. These factors included produce weights (Hessayon, 1997 and 2015; Good Housekeeping, 1994), edible fraction data researched by Cefas, and information supplied by the Meat and Livestock Commission.

5.3. Rounding and grouping of data

The consumption and occupancy data in the text of this report are rounded to 2 significant figures, except for values less than 1.0, which are rounded to 1 decimal place. This method of presentation reflects the authors' expert judgement on the accuracy of the methods used. In the tables and annexes, the consumption rate data are presented to 1 decimal place. Occasionally, this rounding process causes the computed values (row totals, mean rates and 97.5th percentiles), which are based on un-rounded data, to appear slightly erroneous. Consumption rates less than 0.05 kg y^{-1} are presented to 2 decimal places in order to avoid the value of 0.0 kg y^{-1} . External exposure data are quoted as integer numbers of hours per year. Gamma dose rate measurements are presented to 2 significant figures.

For the purpose of data analysis, foodstuffs were aggregated into food groups as identified in Table 28. Specific food types relevant to this survey are presented in the subsequent tables. The data are structured into groups when it is reasonable to assume that consistent concentrations or dose rates would apply within the group. For example, when considering terrestrial food consumption, all types of root vegetables are grouped together in a food group called root vegetables. For external exposure over intertidal sediments, occupancy over the same substrate (for example: mud) are grouped together.

Data were structured into age groups because different dose coefficients (in other words, the factors which convert intakes of radioactivity into dose) can apply to different ages. The names used for the age groups, based on the recommendations in ICRP 103 (ICRP, 2007), are shown in Table 1.

Table 1. Names of age groups and range of ages within each age group

Name of age group	Age range in group
Infant	0 to 5 years old
Child	6 years old to 15 years old
Adult	16 years old and over

For direct radiation pathways, the data were grouped into distance zones from the nuclear site boundary as a coarse indication of the potential dose rate distribution due to this source of exposure. The bands used in this report were: 0 – 0.25 km; >0.25 – 0.5 km; >0.5 – 1.0 km. These distance bands are also useful when assessing exposure to gaseous discharges.

5.4. Approaches for the identification of high rates

The habits data have been analysed to identify high rates of consumption, occupancy and handling, which can be used in radiological assessments. Two approaches have been used.

Firstly, the ‘cut-off’ method described by Hunt and others (1982) was used. With the ‘cut-off’ method, the appropriate high rate was calculated by taking the arithmetic mean of the values between the maximum observed rate and one third of the maximum observed rate. In this report, the term ‘high-rate group’ is used to represent the individuals derived by the ‘cut-off’ method. The mean of the high-rate group was calculated for each food group, intertidal substrate and handling pathway identified in the survey.

Secondly, the 97.5th percentile rate was calculated for each group. The use of percentiles accords with precedents used in risk assessments of the safety of food consumption described in Ministry of Agriculture Farming and Food (1996). It should be noted that the interviewees in this study are often selected and, therefore, the calculated percentiles are not based on random data.

Mean and 97.5th percentile consumption rates for adults, based on national statistics, are provided as a baseline for comparison with the observed rates. The rates based on national statistics are referred to as generic rates in this report and have been taken from Byrom and others, 1995.

The mean rates for the high-rate groups for children’s and infants’ consumption, occupancy over intertidal substrates and handling pathways, have been calculated. However, if there are cases where few child or infant observations are identified, an

alternative approach can be used for assessments to estimate the mean rates for the high-rate groups for children and infants by applying scaling ratios to the mean rates for the high-rate groups for adults as described in Dewar (2013). Ratios for this purpose for the consumption and occupancy of intertidal substrates pathways, based on generic 97.5th percentile rates, are provided in Annex 5. The age ranges within the age groups in Annex 5 do not correspond exactly with the age ranges within the age groups used throughout the rest of this report, but these ratios are the best available data for estimating child rates and infant rates from adult rates. Adult to child and adult to infant ratios are not available for handling pathways.

For use in assessments of prenatal dose, consumption and occupancy rates are provided in Annex 6 for women of childbearing age. The age range used in this report for women of childbearing age is 15 to 44 years old, which is based on the classification used by the Office of National Statistics (www.ons.gov.uk).

For the direct radiation pathway, the maximum occupancy rates are used instead of calculating the mean occupancy rates and 97.5th percentile rates. This is due to the complex nature of the direct radiation dose rates, which are dependent on both the distance and direction from the primary sources of direct radiation on site (the spatial extent). Additional factors include the local geography and geology, as well as other structures, which can provide additional shielding between these sources on site and the local receptor points for direct radiation. For simple (cautious) dose assessment of direct radiation, it is appropriate to use the maximum dose and occupancy rates.

5.5. Profiles of habits survey data for use in ‘total dose’ assessments

The survey data have been analysed to produce profiles of consumption and occupancy rates according to the method described by Camplin and others, 2005. The profiles for adults are used to assess ‘total dose’ integrated across all pathways of exposure in the RIFE reports (for example: EA, FSA, FSS, NRW, NIEA, and SEPA, 2025) [RIFE 30, Radioactivity in Food and the Environment, 2024 - GOV.UK](#).

Matrices of profiles for adults, children, infants and women of childbearing age are presented in Annex 7, Annex 8, Annex 9 and Annex 10. Within each matrix, the means for the high-rate groups, as determined by the ‘cut-off’ method, are emboldened and presented on the diagonal. Except for the direct radiation pathway, the figures across the rows are the means of the consumption and occupancy rates for the other pathways for the individuals within that profile. For the direct radiation pathway, the figure denotes the

proportion of the individuals within that profile who spend time within the direct radiation survey area.

5.6. Data quality

To ensure the quality of the data collected during the survey fieldwork and presented in the report, the following procedures have been employed:

- Experienced scientific staff were used for the fieldwork and data analysis. They had been trained in the techniques of interviewing and obtaining data for all pathways that were relevant to the survey being conducted. Where individuals offered information during interview that was considered unusual, they were questioned further in order to double-check the validity of their claims.
- Where possible, interviewees were contacted again to confirm the results of the initial interview if, when final consumption or occupancy rates were calculated, observations were found to be high in relation to our experience of other surveys. Local factors were considered in these cases.
- Data were processed in a purpose-built habits survey database using a consistent set of conversion factors.
- Data were stored in a database in order to minimise transcription and other errors.
- Draft reports were reviewed by the EA, FSA and ONR.
- Final reports were only issued when the EA, FSA and ONR were entirely satisfied with the format and content of the draft report

6. Aquatic radiation pathways

6.1. Aquatic survey area

The aquatic survey area (Figure 6) covered the intertidal areas along the coast of Suffolk from the southern end of Southwold to North Weir Point (at the southern tip of Orford Ness shingle spit), and the adjacent sea area up to 10 km offshore. The tidal stretches of the rivers Blyth, Alde, Ore and Butley were also included.

In the north of the survey area, the beaches are predominantly sand and shingle, whereas further south, the shore is predominantly shingle and stones with patches of sand near the low water mark. The River Blyth enters the sea near the northern end of the survey area. The rivers Butley and Alde feed into the River Ore, which enters the sea near the southern end of the survey area. There are patches of salt marsh along the rivers and mud is exposed at low water along most of the tidal stretches. The aquatic survey area is described in detail below from north to south.

Southwold

The northern limit of the aquatic survey area was approximately 1.3 km south of Southwold Pier. Southwold is a busy seaside town which was popular with tourists who could easily access the beach in the survey area from the town. This stretch of beach was a mix of sand and stones, backed by sand dunes and individuals were walking and dog walking on this stretch of the beach.

Southwold Harbour and the River Blyth

At the southern limit of Southwold beach is the mouth of the River Blyth, which is also the entrance to Southwold Harbour. The harbour is located on both banks of the River Blyth up to a bailey bridge that crosses the river approximately 1.5 km upstream. On the northern bank, wooden walkways provided access to jetties and floating pontoons where boats were moored (Figure 9). The harbour did not dry out at low water, but it was reported that it would occasionally dry out on a very low tide when combined with strong winds. The harbour was the main port within the survey area and provided permanent moorings for commercial fishermen, hobby fishing boats, angling boats, yachts and pleasure cruisers. There were boatyards with slipways, a public slipway, a sailing club, a compound for sailing dinghies, a compound for fishermen to store their fishing gear and a Royal National Lifeboat Institution (RNLI) station.



Figure 9. Southwold Harbour

On the southern side of the river, Southwold Harbour provided short stay moorings which did not have electricity. There was a small creek on the southern side of the River Blyth close to its mouth where many families were crabbing with baited hand lines from the staved banks, mud and salt marsh.

The tidal stretches of the River Blyth extend upstream from the bailey bridge for approximately 8 km and include areas of mudflats. The riverbanks were grassy with small areas of salt marsh. Most of the people who walked along the river stayed on the path which ran along the flood embankment, but anglers fished for bass from the salt marsh next to the river.

Walberswick

Directly south of the mouth of the River Blyth, the beach at Walberswick had a stony upper shore and sand with patches of shingle on the lower shore (Figure 10). However, at the time of the 2015 survey, this beach was primarily sand with patches of shingle. There were 2 car parks located close to the beach, and the area was popular with walkers, dog walkers, people sitting on the beach and families playing.



Figure 10. Walberswick

Approximately 4 km further south, the shore between Walberswick and Dunwich was sand and shingle. The only people identified on this stretch of the beach were walking between Walberswick and Dunwich, which could both be accessed by road. A shingle bank separated the beach from primarily freshwater marshes. However, the lagoons and marsh close to the shingle bank were brackish because of seawater leaking through the shingle, sea spray, and the occasional breaching of the banks. No activities were identified taking place on these marshes.

Dunwich and Dunwich Heath

At Dunwich village there was easy access to the beach from a large car park located next to the shore. The beach had a shingle upper shore, sand and shingle lower shore (Figure 11), and was popular with anglers, dog walkers, walkers, families playing, and

people sitting on the beach. A few small angling and hobby fishing boats were kept on the beach above the high water mark. A swimming club met regularly at Dunwich and the club members swam throughout the year. In the summer months, a yoga class was held regularly on the beach.



Figure 11. Dunwich beach

Approximately 3 km further south, small cliffs prevented easy access to the shore between Dunwich and Dunwich Heath. A caravan park had step access down the cliffs to the beach. At Dunwich Heath (owned by the National Trust (NT)) there was a café, car parking close to the shore and footpaths to the sand and shingle beach where people were observed walking ([Visiting Dunwich with family | Suffolk | National Trust](#)). Minsmere Nature Reserve, which was managed by the Royal Society for the Protection of Birds (RSPB), was located nearby. The reserve was predominantly freshwater and attracted many bird watchers.

The sand and shingle beach continued from Minsmere towards Sizewell, approximately 3 km further south. There was no road access to this stretch of coastline, but the Suffolk Coast Path, which ran through the heath at the top of the shore, provided access to the beach by foot.

Sizewell and Thorpeness

The Suffolk Coast Path continued south to the north-eastern side of the combined nuclear licensed site boundary. Here, the path followed the site boundary towards the beach and continued between the site at the top of the sand dunes. ([Suffolk Coast Path - Discover Suffolk](#)).

The hamlet of Sizewell is located south of the combined nuclear licensed site. There is a large car park next to the beach, which at the time of the survey was free to use. There was a lockable gate which provided vehicular access to the beach from the car park. Commercial and hobby fishing boats were located on the sand and shingle upper shore (Figure 12), where the fishermen spent time maintaining their boats and mending fishing gear. At low tide, sand was exposed on the lower shore. The beach at Sizewell was popular with walkers, dog walkers, anglers, a swimming club, and families playing and swimming in the sea. At the time of the survey the car park was busy, and the beach was visited by many tourists.



Figure 12. Sizewell

The sand and shingle shore continued further south for another 2.5 km. As the shoreline slightly changes direction from southerly to south-westerly, the shore substrate becomes a higher proportion of stones towards Thorpeness.

At the northern end of Thorpeness beach, for many years there has been significant coastal erosion. Several sea defences have been installed, including: rocks in metal cages (gabions) on the upper shore in 1976; a bank of bags of sediment (geobags) above the gabions in 2012; sea defence boulders between the upper shore and the lower shore in 2021 ([Emergency sea defence work begins at Thorpeness - Suffolk Live](#)). This section of the beach could not be accessed due to the sea defences.

South of the sea defences, the shore substrate had changed from a mix of sand and stones in 2015, to stones with patches of sand at low tide in 2025. Thorpeness beach (Figure 13) was easy to access from the village, and a car park was located close to the beach. It was popular to walk from Thorpeness to either Sizewell along the shore and Suffolk Coast Path, or to Aldeburgh on a shingle bank above the high water mark. Individuals were angling, dog walking, sitting on the beach and swimming at Thorpeness.



Figure 13. Thorpeness

Aldeburgh

The coastal town of Aldeburgh was a popular holiday destination, and it was busy with tourists at the time of the survey. A road runs along the coast from Thorpeness to Aldeburgh which had areas of parking which allowed access to the shore. At the northern end of Aldeburgh beach there was a large car park with easy access to the shore. Near

this car park, a well-known sculpture called 'The Scallop' is located on the stone and shingle beach.

At Aldeburgh town, the beach was largely stones and shingle (Figure 14). There was parking nearby and there was easy access to the shore. Several commercial fishing boats operated from the beach. A RNLi lifeboat station based at Aldeburgh which housed inshore and offshore lifeboats that were launched from the beach. The rescue team responded to various call outs ranging from rescuing a stranded kite surfer, to rescuing a yacht with damaged sails. The beach was also used for walking, dog walking, angling, sitting on the beach after swimming, and yoga.



Figure 14. Aldeburgh

Slaughden and the River Alde

To the south of Aldeburgh town, Slaughden is located on a narrow isthmus between the River Alde (west) and the North Sea (east) (Figure 15 and Figure 16), which marks the northern limit of the Orford Ness spit. A boat yard, sailing club and yacht club were located on the River Alde side of Slaughden, which collectively have multiple slipways into the River Alde. Several commercial fishing boats and many sailing and pleasure boats were moored on the River Alde at Slaughden. Individuals at several boat yards spent time fixing moorings and launching boats on the muddy banks and on the waters of the River Alde at

Slaughden. On the seaward side of Slaughden is a stone and shingle beach where individuals were observed angling.



Figure 15. Map of Slaughden to the mouth of the River Ore (south)

The River Alde is tidal for approximately 8 km upstream from Slaughden to Snape Maltings. The River Alde turns into the River Ore approximately 2.5 km downstream south-west of Slaughden. A local wildfowling club had shooting rights on most of the tidal stretches of the River Alde and Ore. Members shot wildfowl, including shoveler, greater white-fronted geese and mallard, on mud and salt marsh along the rivers. Boat trips along the rivers were available in the summer months. It was reported that there was a Pacific oyster fishery in the river, but no individuals were identified collecting oysters in this location at the time of the survey.



Figure 16. Slaughden isthmus with River Alde and yacht club (left) and beach (right)

Orford Ness, River Ore, Orford, and Butley River

Orford Ness spit (the largest spit in Europe) extends approximately 15 km down the coast from Slaughden to the southern limit of the survey area at North Weir Point (Figure 15). The narrow spit is bordered by the sea to the east and the rivers Alde and Ore to the west. On the eastern shore, the beach was predominately single and stones. The NT purchased the land from the Ministry of Defence (MOD) in 1993, and it is a registered National Nature Reserve (NNR). Prior to this it was used as a military testing site: airfields were built there to receive aircraft; early radar experiments and firing trials took place; experimental armour plating was tested; and bombs were disposed of ([History of Orford Ness | Suffolk | National Trust](#)). The spit could be accessed by boat, using a NT operated passenger ferry from Orford, or by foot from Slaughden. There was also vehicular access via a track from Slaughden, but this was managed by a locked gate, so was not available for use by the public. Nature wardens were identified who spent time on the shore undertaking seal observations during their breeding season.

The River Ore becomes the River Alde from approximately 2.5 km downriver of Slaughden. The river flows south-west, past Orford, around Havergate Island, to North Weir Point where the river joins the sea.

Orford is a village located on the River Ore. There was a slipway, a busy sailing club and a small quay (Figure 17) where sightseeing boat trips collected their passengers. Many sailing yachts, powerboats (which were used for training courses), angling boats and pleasure boats were moored in the river. Orford was the main access point to Orford Ness, where the NT passenger ferry took visitors across the river to the spit. Several boat trips operated from Orford which took members of the public along the River Alde.

Havergate Island is located approximately 1.5 km downstream of Orford. It is part of the NNR and only accessible by boat.



Figure 17. Orford slipway and sailing club

The Butley River is a tributary of the River Ore which joins the river at the southern end of Havergate Island (Figure 15).

6.2. Commercial fisheries

Commercial fishing boats operated from Southwold Harbour, which was the only fishing port within the survey area. Other commercial fishing boats operated from the beaches at Aldeburgh and Sizewell, and from moorings in the River Ore at Orford and Slaughden.

A wide variety of fishing activities were identified in the survey area. These included using trammel nets, drift nets, anchor nets, long lining and trawling for mixed demersal fish species, and potting for crab, lobster with a by-catch of lesser spotted dogfish. A Pacific oyster and mussel farm was located within the aquatic survey area.

It was reported by commercial fishermen throughout the survey area that the seal population had increased significantly, which was negatively affecting their catch rate.

6.3. Destination of seafood originating from the aquatic survey area

Most of the commercial catches of fish and shellfish were sold directly to the public at Southwold, Aldeburgh and Orford. Others were sold at Brixham and Lowestoft fish markets, to a fish wholesalers, to a fishmonger in Suffolk, sold at local shops, restaurants and farm shops. The farmed oysters and mussels were sold from a local shop and restaurant, and to other local retail outlets in Suffolk.

6.4. Hobby fishing and angling

In this report, the term 'hobby fishing' is used to describe recreational fishing on a small scale with gear such as nets or pots. It is usually carried out by fishermen who do not have commercial fishing licences and therefore it is illegal to offer the catch for sale.

Many hobby fishermen operated boats from Southwold Harbour, Walberswick, Dunwich, Sizewell, Aldeburgh, Slaughden and Orford. They mainly used pots to fish for brown crabs and common lobsters. The catch was consumed by the fishermen and their families and friends.

Shore angling took place from beaches across the survey area including Aldeburgh, Dunwich, Sizewell and Thorpeness. One angling club held competitions at Sizewell beach. Angling also took place from salt marsh on the banks of the River Blyth. Boat angling was also popular, with private angling boats being kept at Southwold Harbour, Sizewell,

Aldeburgh, on the river Alde at Slaughden and at Orford. Anglers mainly targeted cod in the winter and bass in the summer but a wide range of other species were also caught.

No individuals were identified who collected shellfish from intertidal areas.

6.5. Wildfowling

Wildfowling was popular on the mud and salt marsh areas along the Rivers Alde and Ore. A variety of species, including Canada goose, greater white-fronted goose, greylag goose, mallard, shoveler, teal and wigeon were shot and consumed.

6.6. Other pathways

Samphire was identified being collected from the banks of the River Alde and sea kale from the shore within the survey area, both of which were consumed.

The collection of seaweed for use as a fertiliser or as livestock feed was investigated but it was not identified within the survey area.

6.7. Food consumption data

Consumption data for locally produced foodstuffs potentially affected by liquid discharges are presented from Table 29 to Table 33 for adults, Table 34 for children and Table 35 for infants. The mean consumption rates for the high-rate groups and the observed 97.5th percentile rates, calculated as described in Section 5.4 are given at the foot of each table.

Adults' consumption rates

The people consuming the greatest quantities of food from the aquatic survey area were anglers and their families. Table 2 presents a summary of the adults' consumption rates for the following food groups: sea fish; crustaceans; molluscs; wildfowl; marine plants/algae. The table includes the mean consumption rates for the high-rate groups and the observed 97.5th percentile rates. For comparison, the table also includes mean consumption rates and 97.5th percentile consumption rates for sea fish, crustaceans and molluscs based on national data, which are referred to as 'generic' data in this report. No generic consumption rates are available for wildfowl or marine plants/algae.

Table 2. Summary of adults' consumption rates of foods from the aquatic survey area

	Food group				
	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae
Number of observations	64	42	5	4	3
Number of high-rate consumers	22	1	4	4	3
Observed maximum for the high-rate group (kg y ⁻¹)	54.6	12.2	2.9	10.2	1.5
Observed minimum for the high-rate group (kg y ⁻¹)	18.2	12.2	1.2	4.3	1.5
Observed mean for the high-rate group (kg y ⁻¹)	35.3	12.2	2.2	7.3	1.5
Observed 97.5 th percentile (kg y ⁻¹)	54.6	3.6	2.9	10.2	1.5
Generic mean (kg y ⁻¹)	15.0	3.5	3.5	Not determined	Not determined
Generic 97.5 th percentile (kg y ⁻¹)	40.0	10.0	10.0	Not determined	Not determined

The species of sea fish consumed by adults were bass, cod, cuttlefish, dab, and Dover sole flounder, lemon sole, lesser spotted dogfish, mackerel, plaice, thornback ray and whiting. The sea fish were caught throughout the aquatic survey area. Of the sea fish consumed by the 22 people in the high-rate group, the percentage breakdown of species (rounded to the nearest 5%) was 35% bass, 30% Dover sole, and a 35% mix of cod, cuttlefish, dab, flounder, lemon sole, lesser spotted dogfish, mackerel, plaice, thornback ray and whiting.

The species of crustaceans consumed by adults was brown crab and common lobster. The brown crabs and common lobster were caught using pots throughout the survey area. Only brown crabs were consumed by the only individual in the high-rate group.

The species of molluscs consumed by adults were mussels and Pacific oysters which were farmed within the survey area. Of the molluscs consumed by the 4 people in the high rate-group, the percentage breakdown of species (rounded to the nearest 5%) was 60% mussel and 40% Pacific oyster.

The species of wildfowl consumed by adults was Canada goose, greater white-fronted goose, greylag goose, mallard, shoveler, teal and wigeon. The wildfowl were shot along the rivers Alde and Ore. Of the wildfowl consumed by the 4 people in the high-rate group, the percentage breakdown of species (rounded to the nearest 5%) was 60% greylag

goose, 15% wigeon, 10% mallard, 10% greater white-fronted goose, and a mix of 10% Canada goose, shoveler and teal (this does not total 100% due to rounding).

The species of marine plants/algae consumed by adults were samphire and sea kale. The samphire was collected from banks of the River Alde and the sea kale was collected from the shore within the aquatic survey area. Of the marine plants/algae that were consumed by the 3 people in the high rate-group, the percentage breakdown of species (rounded to the nearest 5%) was 90% samphire and 10% sea kale.

Children's and infants' consumption rates

Table 3 and Table 4 presents a summary of children's and infants' consumption rates of foods originating from the aquatic survey area. Children and infants were identified consuming sea fish only. The table includes the mean consumption rates for the high-rate groups and the observed 97.5th percentile rates. No generic rates have been determined for the child and infant age group.

Table 3. Summary of children's consumption rates of foods from the aquatic survey area

	Food group
	Sea fish
Number of observations	4
Number of high-rate consumers	2
Observed maximum for the high-rate group (kg y ⁻¹)	41.0
Observed minimum for the high-rate group (kg y ⁻¹)	41.0
Observed mean for the high-rate group (kg y ⁻¹)	41.0
Observed 97.5 th percentile (kg y ⁻¹)	41.0

Table 4. Summary of infants' consumption rates of foods from the aquatic survey area

	Food group
	Sea fish
Number of observations	6
Number of high-rate consumers	1
Observed maximum for the high-rate group (kg y ⁻¹)	10.9
Observed minimum for the high-rate group (kg y ⁻¹)	10.9
Observed mean for the high-rate group (kg y ⁻¹)	10.9
Observed 97.5 th percentile (kg y ⁻¹)	10.0

6.8. Occupancy over intertidal substrates

Occupancy rates over intertidal areas for adults, children and infants are presented in Table 36, Table 37 and Table 38, respectively. It should be noted that there is often more than 1 substrate at a named location and that substrates at a given location are prone to change over time. Activities were assigned to the predominant substrate over which they were taking place.

Table 5 presents a summary of the adults' occupancy rates over intertidal substrates in the aquatic survey area. The table includes the mean occupancy rates for the high-rate groups and the observed 97.5th percentile rates.

Table 5. Summary of adults' intertidal occupancy rates

	Intertidal substrate				
	Mud	Salt marsh	Sand	Sand and stones	Stones
Number of observations	16	10	1	150	76
Number of people in the high-rate group	5	6	1	24	7
Maximum of the high-rate group (h y ⁻¹)	190	52	1	730	704
Mean of the high-rate group (h y ⁻¹)	119	31	1	373	400
Observed 97.5 th percentile (h y ⁻¹)	183	49	1	521	468

The activities undertaken by people in the adult high-rate groups for occupancy over the following intertidal substrates included:

- For mud: fixing moorings, launching boats and wildfowling on the River Alde at Slaughden, and rescue duties, checking and fixing moorings at Orford and the River Ore.
- For salt marsh: angling on the banks of the River Blyth and wildfowling on the River Alde and River Ore.
- For sand: cycling within the aquatic survey area.
- For sand and stones:
 - dog walking, sitting on the beach, walking and yoga at Southwold;
 - walking at Walberswick;
 - dog walking, sitting on the beach, walking and yoga at Dunwich;
 - walking at Dunwich Heath;
 - angling, boat maintenance, dog walking, sitting on the beach and walking at Sizewell;
 - undertaking beach warden duties across the survey area.
- For stones: undertaking beach warden duties across the survey area.

Children's and infants' occupancy rates over intertidal substrates

Table 6 and Table 7 presents a summary of the children's and infants' occupancy rates over intertidal substrates in the aquatic survey area, respectively. The tables include the mean occupancy rates for the high-rate groups and the observed 97.5th percentile rates.

Table 6. Summary of children's intertidal occupancy rates

	Intertidal substrate			
	Mud	Salt marsh	Sand and stones	Stones
Number of observations	4	4	9	3
Number of people in the high-rate group	4	4	1	2
Maximum of the high-rate group (h y ⁻¹)	3	3	183	52
Mean of the high-rate group (h y ⁻¹)	3	3	183	38
Observed 97.5 th percentile (h y ⁻¹)	3	3	157	51

The activities undertaken in the child age group high-rate groups for occupancy over each of the intertidal substrates were:

- For mud: crabbing at Walberswick.
- For salt marsh: crabbing at Walberswick.
- For sand and stones: dog walking at Sizewell.
- For stones: dog walking at Thorpeness and playing at Aldeburgh.

Table 7. Summary of infants' intertidal occupancy rates

	Intertidal substrate	
	Sand and stones	Stones
Number of observations	8	4
Number of people in the high-rate group	2	4
Maximum of the high-rate group (h y ⁻¹)	229	24
Mean of the high-rate group (h y ⁻¹)	183	20
Observed 97.5 th percentile (h y ⁻¹)	212	24

The activities undertaken in the infant age group high-rate groups for occupancy over each of the intertidal substrates were:

- For sand and stones: playing at Sizewell.
- For stones: playing at Thorpeness and Aldeburgh.

6.9. Gamma dose rate measurements

Gamma dose rate measurements were taken over 6 intertidal substrates. All measurements were taken at a height of 1 metre above the substrate. The results are presented in Table 39 and are summarised in Table 8.

Table 8. Summary of gamma dose rate measurements taken over intertidal substrates

	Substrate					
	Mud	Mud and stones	Salt marsh	Sand	Sand and stones	Stones
Number of measurements taken	1	1	1	1	3	5
Minimum gamma dose rate at 1 metre ^a ($\mu\text{Gy h}^{-1}$)	0.075	0.064	0.069	0.048	0.053	0.047
Maximum gamma dose rate at 1 metre ^a ($\mu\text{Gy h}^{-1}$)	0.075	0.064	0.069	0.048	0.064	0.053
Estimated natural background rates across the UK ^b ($\mu\text{Gy h}^{-1}$)	0.070	0.060	0.070	0.050	0.050	0.060

Notes

^a These measurements have not been adjusted for background dose rates.

^b These measurements have been taken from RIFE 30 (EA, FSA, FSS, NRW, NIEA and SEPA, 2025).

For comparison, natural background rates across the UK have been estimated at $0.05 \mu\text{Gy h}^{-1}$ over sandy substrates, $0.07 \mu\text{Gy h}^{-1}$ over mud and over salt marsh, and $0.06 \mu\text{Gy h}^{-1}$ over other substrates (EA, FSA, FSS, NRW, NIEA and SEPA, 2025).

6.10. Handling of fishing gear and sediment

Handling fishing gear (nets and pots) that has become entrained with fine sediment particles, or handling sediment while undertaking activities such as bait digging or mollusc collecting, can potentially give rise to skin exposure from beta radiation. Doses to the skin are considered within the dose limitation system (ICRP, 1992).

Fishing gear can also be a source of gamma exposure due to occupancy in the vicinity of the gear. However, this pathway is minor compared with the exposure received during occupancy over intertidal areas and it has therefore been omitted from the report.

Handling of angling equipment (rod and line) was not considered to be a significant pathway. Therefore, as in previous surveys, data were not collected for this pathway. Handling of crabbing lines has been included due to the fibrous nature of this equipment.

Handling rates of fishing gear and sediment for adults, children and infants are presented in Table 40, Table 41 and Table 42, respectively. Children and infants were not identified handling sediment.

Adults' handling rates of fishing gear and sediment

Table 9 presents a summary of the handling rates of fishing gear and sediment for adults. The table includes the mean handling rates for the high-rate groups and the observed 97.5th percentile rates.

Table 9. Summary of adults' handling rates

	Handling activity	
	Handling fishing gear	Handling sediment
Number of observations	21	13
Number of people in the high-rate group	10	4
Maximum of the high-rate group (h y ⁻¹)	2427	1511
Mean of the high-rate group (h y ⁻¹)	1666	1040
Observed 97.5 th percentile (h y ⁻¹)	2288	1500

The activities undertaken by people in the high-rate groups for handling included:

- For handling fishing gear: handling pots, nets and lines across the survey area; handling oyster dredges and mussel ropes within the survey area.
- For handling sediment: fixing moorings and launching boats in the River Alde at Slaughden; wildfowling on the River Alde and River Ore.

Children's handling rates of fishing gear

Table 10 presents a summary of the handling rates of fishing gear for children. The table includes the mean handling rate for the high-rate group and the observed 97.5th percentile rate. No children were identified handling sediment.

Table 10. Summary of children's handling rates

	Handling fishing gear
Number of observations	5
Number of people in the high-rate group	1
Maximum of the high-rate group (h y ⁻¹)	16
Mean of the high-rate group (h y ⁻¹)	16
Observed 97.5 th percentile (h y ⁻¹)	15

The only activity undertaken by the child in the high-rate group for handling fishing gear was handling crab lines at Orford.

Infants' handling rates of fishing gear

Table 11 presents a summary of the handling rates of fishing gear for infants. The table includes the mean handling rates for the high-rate group and the observed 97.5th percentile rate. No infants were identified handling sediment.

Table 11. Summary of infants' handling rates

	Handling fishing gear
Number of observations	2
Number of people in the high-rate group	2
Maximum of the high-rate group (h y ⁻¹)	16
Mean of the high-rate group (h y ⁻¹)	16
Observed 97.5 th percentile (h y ⁻¹)	16

The only activity undertaken by the infants in the high-rate group for handling fishing gear was handling crab lines at Orford.

6.11. Water based activities

Activities taking place in or on water can lead to ingestion of water and/or inhalation of spray. These pathways are generally considered to be of minor radiological importance in comparison with other exposure pathways such as the consumption of foods produced in the vicinity of a nuclear site. However, relevant data have been collected for consideration in dose assessments.

For habits surveys, activities involving a high likelihood of an individual's face submerging under water are classified as activities 'in water', as they are more likely to lead to ingestion of water. All other water-based activities are classified as activities 'on water'.

Occupancy rates for on water activities in the aquatic survey area are presented in Table 43 for adults, Table 44 for children and Table 45 for infants. Where generic data for groups of people were collected, for example, members of sailing clubs, only representative examples have been included in the data presented.

Activities in water

The activities identified taking place in water in the aquatic survey area included rescue duties, sub-aqua diving, swimming and undertaking watersports. Kayaking, paddleboarding and jet-skiing are classified as 'in water' activities since they are likely to lead to the ingestion of seawater. Sixty-four observations were recorded for adults and 2 were recorded for the child age group. No observations were recorded for the infant age group. The highest occupancy rate for adults was 190 h y⁻¹ for an individual who undertook watersports within the aquatic survey area. The highest occupancy rate for the child age group was 30 h y⁻¹ for a child who was swimming at Sizewell.

Activities on water

The activities taking place on water in the aquatic survey area were boat angling, commercial fishing (including gill netting, trammel netting, drift netting, anchor netting, potting, long lining, fixing pots and nets, oyster and mussel farming, and boat maintenance), checking moorings, fixing moorings, launching boats, living on a boat, paddling, pleasure cruising, rowing, rescue duties, sailing, teaching sailing, teaching powerboating and working on a boat. One-hundred-and-nineteen observations were recorded for adults, 10 were recorded for the child age group and 4 were recorded for the infant age group. The highest occupancy rate for adults was 7700 h y⁻¹ for an individual who was living on a boat within the aquatic survey area and went pleasure cruising within the aquatic survey area. The highest occupancy rate for the child age group was 710 h y⁻¹ for a child who was sailing on the rivers Alde and Ore around Orford and Orford Ness. The highest occupancy rate for the infant age group was 26 h y⁻¹ for an infant who was paddling at Sizewell.

7. Terrestrial radiation pathways

7.1. Terrestrial survey area

The terrestrial survey area (Figure 7) covered the land and watercourses within 5 km of the approximate Sizewell site centre (National Grid Reference: TM 473 637).

The land in the terrestrial survey area is predominantly agricultural with scattered patches of woodland, heath and freshwater marshes. The town of Leiston is located approximately 3 km west of the nuclear site. The villages of Theberton and East Bridge are located to the north-west of the survey area and the villages of Aldringham and Coldfair Green are located to the south-west. The hamlet of Sizewell is located close to the southern boundary of the nuclear site and the village of Thorpeness including a man-made lake (Thorpeness Meare), is further south along the coast. Minsmere Nature Reserve (RSPB) and Dunwich Heath (NT) are located to the north of the nuclear site.

Interviews were conducted at working farms, where beef, sheep and pigs were produced commercially. Beef cattle, lambs and pigs were sold to a meat wholesaler. In addition, lamb was sold locally. In 2025, 1 farm that was previously working had ceased operating since the previous survey in 2015.

Barley, beans, grass (for haylage and silage), maize (for silage), oats, spring barley and wheat were grown for animal feed. Arable crops were grown in the survey area for human consumption which included oil seed rape, sugar beet, potatoes, onions, carrots, peas, wheat and barley. Farmers and their families were consuming their own beef and lamb produce.

Three allotment sites were identified within the terrestrial survey area where a wide variety of fruit and vegetables were grown and consumed.

One beekeeper was identified with 11 hives in the survey area. The average production per hive was 10.7 kg y⁻¹. The honey was consumed by the beekeeper, their family and friends, and was sold to the public from the property of the beekeeper.

Wild foods that were collected from within the survey area and consumed included blackberries, damsons, hazel nuts, sloes and mushrooms (field mushrooms, bay bolete and horse mushrooms). Game shooting was identified taking place on farmland in the terrestrial survey area, where pheasant, partridge, pigeon and venison were shot and consumed.

Human consumption of groundwater, including borehole and well water, was identified within the terrestrial survey area. Livestock were identified drinking mains water and had access to streams and rivers. Crops were irrigated with water from a borehole and surface abstraction.

Based on information obtained in the survey, it was assumed that pig meat was being consumed, so it has been included in Annex 4.

7.2. Destination of commercially produced food originating from the terrestrial survey area

The destination of foods produced in the survey area included the following:

- Beef cattle and pigs were sold to a meat wholesaler.
- Lambs were sold to a meat wholesaler and sold locally.
- Vegetables were sold to national supermarkets.
- Fruits and vegetables were sold locally.
- Peas were sold to a national distributor.
- Wheat was sold to national grain merchants, for cattle feed in the UK, and abroad.
- Barley was sold for malting, and to national grain merchants.
- Oil seed rape was sold to a company with a processing factory.
- Winter beans were sold to a company which exports pulses.
- Sugar beet was sold to a national processing company.
- Spring barley was sold to a national grain merchant.

7.3. The potential transfer of contamination off-site by wildlife

The nuclear site operators were asked for information about the potential transfer of contamination off-site by wildlife, since radionuclides could enter the food chain or contaminate the environment through this pathway. The nuclear site operators reported that it was highly unlikely that wildlife could enter controlled areas, as all doors and openings remain closed when not in use, and did not consider this pathway to be a risk.

7.4. Food consumption data

Consumption data for locally produced foodstuffs potentially affected by deposition of gaseous discharges are presented from Table 46 to Table 58 for adults and Table 59 to Table 78 for children and infants. The mean consumption rates for the high-rate groups and the observed 97.5th percentile rates, calculated as described in Section 5.4 are given at the foot of each table.

In order to provide information relevant to monitoring and assessments studies, the consumption rate data collected during the survey were analysed to indicate the percentage that each food type contributed to each food group. The data are summarised in Table 79.

Adults' consumption rates

Consumption of locally produced foods was identified in the following 13 food groups: green vegetables; other vegetables; root vegetables; potato; domestic fruit; cattle meat; sheep meat; poultry; eggs; wild/free foods; honey; wild fungi; venison. No consumption of the following food groups was identified: milk; pig meat; rabbits/hares.

Table 12 presents a summary of the adults' consumption rates for the foods consumed from the terrestrial survey area. The table includes the mean consumption rates for the high-rate groups and the observed 97.5th percentile rates. For comparison, the table also includes mean consumption rates and 97.5th percentile consumption rates based on national data, which are referred to as 'generic' data in this report.

Table 12. Summary of adults' consumption rates of foods from the terrestrial survey area

	Food group												
	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/ free foods	Honey	Wild fungi	Venison
Number of observations	75	74	72	68	66	6	4	9	35	18	10	1	2
Number of high-rate consumers	7	12	13	19	5	6	4	7	8	7	9	1	2
Observed maximum for the high-rate group (kg y ⁻¹)	75.6	90.0	72.3	115.2	45.9	21.6	0.8	8.6	44.6	4.7	4.5	1.0	2.9
Observed minimum for the high-rate group (kg y ⁻¹)	28.6	38.0	32.2	40.0	18.5	21.6	0.8	6.7	17.8	1.6	2.2	1.0	2.9
Observed mean for the high-rate group (kg y ⁻¹)	45.1	55.3	42.4	58.8	26.9	21.6	0.8	7.8	32.6	2.8	3.0	1.0	2.9
Observed 97.5 th percentile (kg y ⁻¹)	42.3	69.5	54.2	90.9	25.7	21.6	0.8	8.6	44.6	4.7	4.5	Not applicable	2.9
Generic mean* (kg y ⁻¹)	15.0	20.0	10.0	50.0	20.0	15.0	8.0	10.0	8.5	7.0	2.5	3.0	Not determined
Generic 97.5 th percentile* (kg y ⁻¹)	45.0	50.0	40.0	120.0	75.0	45.0	25.0	30.0	25.0	25.0	9.5	10.0	Not determined

Notes

*Generic rates based on data from Byrom and others, 1995.

The observed mean consumption rate for the high-rate group was greater than the generic 97.5th percentile consumption rate for green vegetables, other vegetables, root vegetables and eggs. Eight of the observed mean consumption rates for the high-rate groups exceeded the generic mean consumption rates. These were for green vegetables, other vegetables, root vegetables, potato, domestic fruit, cattle meat, eggs and honey. Three of the observed 97.5th percentile consumption rates exceeded the generic 97.5th percentile consumption rates, which were for other vegetables, root vegetables and eggs.

Based on information obtained in the survey, it was assumed that pig meat was being consumed. The maximum consumption rate from 2015 (26.1 kg y⁻¹) has been included in Annex 4 and Annex 7.

Children's and infants' consumption rates

Nine individuals in the child age group and 8 individuals in the infant age group were identified consuming foods from the terrestrial survey area. Table 13 presents a summary of children's consumption rates and Table 14 presents a summary of infants' consumption rates. The tables include the mean consumption rates for the high-rate groups and the observed 97.5th percentile rates. No generic data have been determined for the child and infant group. In the child age group, no consumption of foods from the following food groups was identified: milk; pig meat; sheep meat; eggs; rabbits/hares; honey; wild fungi. In the infant age group, no consumption of foods from the following food groups was identified: milk; pig meat; sheep meat; rabbits/hares; wild fungi.

Table 13. Summary of children's consumption rates of foods from the terrestrial survey area

	Food group								
	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Poultry	Wild/free foods	Venison
Number of observations	4	4	7	6	6	2	3	4	3
Number of high-rate consumers	3	4	3	3	6	2	3	3	3
Observed maximum for the high-rate group (kg y ⁻¹)	4.6	3.9	12.9	55.6	1.3	16.2	2.1	0.4	2.9
Observed minimum for the high-rate group (kg y ⁻¹)	1.9	1.7	12.9	55.6	0.8	16.2	2.1	0.4	2.9
Observed mean for the high-rate group (kg y ⁻¹)	2.8	3.2	12.9	55.6	1.1	16.2	2.1	0.4	2.9
Observed 97.5 th percentile (kg y ⁻¹)	4.4	3.9	12.9	55.6	1.3	16.2	2.1	0.4	2.9

Table 14. Summary of infants' consumption rates of foods from the terrestrial survey area

	Food group										
	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Poultry	Eggs	Wild/free foods	Honey	Venison
Number of observations	4	4	7	5	5	2	1	2	3	1	1
Number of high-rate consumers	4	4	2	2	2	2	1	2	1	1	1
Observed maximum for the high-rate group (kg y ⁻¹)	1.5	2.6	3.2	13.9	3.4	10.8	0.5	4.5	0.1	1.1	0.7
Observed minimum for the high-rate group (kg y ⁻¹)	0.6	1.2	1.4	5.3	2.3	7.1	0.5	2.9	0.1	1.1	0.7
Observed mean for the high-rate group (kg y ⁻¹)	1.0	1.5	2.3	9.6	2.8	9.0	0.5	3.7	0.1	1.1	0.7
Observed 97.5 th percentile (kg y ⁻¹)	1.5	2.5	3.0	13.0	3.3	10.7	Not applicable	4.4	0.1	Not applicable	Not applicable

8. Direct radiation pathways

8.1. Direct radiation survey area

The direct radiation survey area (Figure 8) covered the land and water within 1.0 km of the combined Sizewell A, B and C nuclear licensed site boundary. The survey area was split into 3 zones, which were 0 – 0.25 km, >0.25 – 0.5 km and >0.5 – 1.0 km from the combined Sizewell nuclear licensed site boundary.

The land within the direct radiation survey area was predominately rural and consisted mainly of woodland, heathland and wet grassland. However, at the time of the survey a large area to the north-west of the combined nuclear licensed site was being used as the Sizewell C Temporary Construction Area. Areas in the north and south of the survey area were used for grazing livestock and growing arable crops. A road from Leiston provided access to the hamlet of Sizewell, where there were residential properties, and businesses. A large free car park was located next to the beach and was very popular with local residents and tourists. Further south from the hamlet there were further businesses and a few scattered residential properties. Several residential properties were situated to the west and south-west of the site and on the road from Leiston to Sizewell. The eastern side of the combined nuclear licensed site was situated directly adjacent to a band of scrub covered sand dunes, beyond which was a shingle bank, then the sand and shingle beach and sea. The Suffolk Coast Path and other smaller footpaths ran through these sand dunes [Suffolk Coast Path - Discover Suffolk](#).

8.2. Residential activities

The direct radiation survey area was sparsely populated with only 30 properties located in the area, some of which were holiday homes. Interviews were conducted at 17 residential properties, some of these were also businesses where people were living and working. Interviews were conducted at 5 residences in the 0 – 0.25 km zone, 3 residences in the >0.25 – 0.5 km zone and 9 residences in the >0.5 – 1.0 km zone.

The temporary workers accommodation for the Sizewell C nuclear site was not located within the direct radiation survey area.

8.3. Leisure activities

The direct radiation survey area was popular for leisure activities, with many individuals using the free car park to access the beach. People were using the beach for walking, dog walking, angling and playing. A sea swimming club met regularly at Sizewell beach whose

members swam and spent time socialising on the beach after swimming. A 'parkrun' event was held weekly along the Suffolk Coast Path, from the south of the combined nuclear licensed site boundary, heading up to a point approximately 950 m north of the licensed site boundary, and returning south again to the finish line ([course | Sizewell parkrun](#)). It is expected that due to the Sizewell C construction works, the Suffolk Coast Path will possibly be diverted for a short period of time, which would affect activities taking place in this area, such as parkrun. It is expected that the parkrun course may take place elsewhere during this time. Near the hamlet of Sizewell, there were a small number of sheds located on the sand dunes at the top of the beach, which were used for storing fishing equipment, and some hobby fishermen met here regularly to socialise. Commercial and hobby fishing boats were kept on the beach and the boat owners spent time attending to their boats, launching them and fishing within the direct radiation survey area.

Several residents spent time walking and dog walking around Sizewell Common which was located south of the survey area.

8.4. Commercial activities

Interviews were obtained at all 5 of the working businesses within the survey area. The number of employees at the businesses ranged from 1 to 12.

Data were also obtained for individuals working within the direct radiation survey area whose businesses were located outside of the survey area.

The activities of employees of the nuclear site and their contractors while at work were not considered in the direct radiation survey.

8.5. Impacts of Sizewell C construction on the direct radiation survey area

At the time of the survey, the Sizewell C Temporary Construction Area occupied a large area of land to the north-west of the direct radiation survey area and the Ancillary Construction Area covered a small part to the south-west. These areas were previously woodland and farmland. It is anticipated the farmland will be returned to its former use once Sizewell C construction has been completed.

From January 2026, Sizewell C marine construction works will take place in the Marine Construction Zone (MCZ) (Figure 18). A permanent Beach Landing Facility will be built to allow the delivery of materials and components by water. A temporary jetty is also proposed to allow large barges to berth close to the site to deliver aggregate. Various intake and outfall tunnels will also be built in the harbour below the seabed. The MFRZ is

located within Sizewell C Harbour and is designated for use by leisure fishermen and other leisure users of the harbour waters. Commercial, service and construction vessels are excluded from the MFRZ unless they have permission from the Sizewell C Harbour Master. The MFRZ was established on 28th August 2025 for an initial 6-month period which may be extended at the discretion of the Sizewell C Harbour Master. It was anticipated by fishermen that this will restrict fishing activities in this area in the future. ([NtM-10-of-2025-Marine-Recreation-and-Fishing-Zone.pdf](#)) ([Marine Works - Sizewell C Harbour Authority](#))

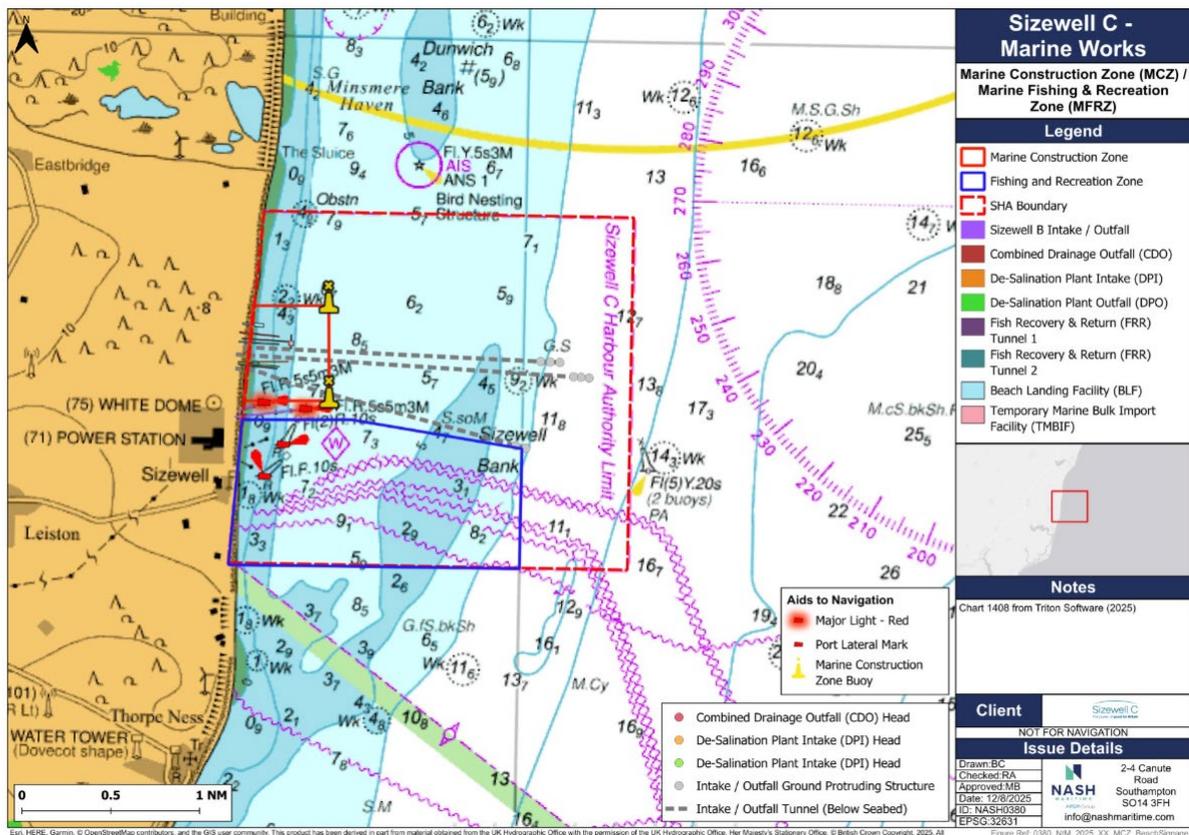


Figure 18. Sizewell C Marine Works showing MCZ and MFRZ

Survey work has been taking place in the waters around Sizewell for Sizewell C ([Seabed Works - Surveys - Sizewell C Works Tracker](#)) and for North Falls Offshore Wind Farm which is an extension project to the Greater Gabbard Offshore Wind Farm ([Greater Gabbard | SSE Renewables](#)). Many commercial fishermen reported that the surveys had temporarily restricted access to vessels in this area. It was also reported that the surveys had displaced some of the sand on the seabed revealing debris from old planes and boats etc, which were causing a hazard to fishing nets, and further restricting fishing in this area.

8.6. Occupancy rates

Table 80 presents indoor, outdoor and total occupancy data for adults, children and infants. An analysis of the data by distance zones and occupancy rates is shown in Table 81. A summary of occupancy rates in the direct radiation survey area is presented in Table 15. Where generic data for groups of people were collected, for example, employees of businesses, only representative examples have been included in the presented data.

Table 15. Summary of direct radiation occupancy rates

	Zone		
	0 - 0.25 km	>0.25 - 0.5 km	>0.5 - 1.0 km
Number of observations	126	16	38
Highest indoor occupancy (h y ⁻¹)	8538	8628	8577
Highest outdoor occupancy (h y ⁻¹)	4380	1556	2556
Highest total occupancy (h y ⁻¹)	8578	8640	8760

0 – 0.25 km from the combined nuclear licensed site boundary

Occupancy data for 126 individuals in the 0 - 0.25 km zone were included in the analysis. The observations were for 9 residents, 6 people working, 95 people undertaking leisure activities, 10 individuals attending beach school, 4 individuals hobby fishing and socialising, and 2 individuals visiting residents. Leisure activities included: angling, attending or volunteering at parkrun, dog walking, playing on the beach, sub-aqua diving, socialising, swimming (including attending a swimming club) and walking. The highest indoor and total occupancy rates were for a resident. The highest outdoor occupancy rate was for another resident who was also working within the direct radiation survey area.

>0.25 – 0.5 km from the combined nuclear licensed site boundary

Occupancy data for 16 individuals in the >0.25 - 0.5 km zone were included in the analysis. The observations were for 4 residents, 5 individuals working, 3 individuals angling and socialising, 3 individuals angling and 1 individual dog walking. The highest indoor and total occupancy rates were for a resident. The highest outdoor occupancy rate was for another resident.

>0.5 – 1.0 km from the combined nuclear licensed site boundary

Occupancy data for 38 individuals in the >0.5 - 1.0 km zone were included in the analysis. The observations were for 21 residents and 17 individuals working. The highest indoor and total occupancy rates were for a resident. The highest outdoor occupancy rate was for another resident.

8.7. Gamma dose rate measurements

Gamma dose rates were measured indoors and outdoors at most properties where interviews were conducted in the Sizewell direct radiation survey area. Where possible, outdoor measurements were taken approximately 5 to 10 metres from the nearest building and over grass. Gamma dose rate measurements over grass were taken at locations further than 5 km from the site centre to obtain background dose rates. All measurements were taken at a height of 1 metre above the substrate using multiple Thermo RadEye GX Survey Meters, each connected to a compensated Geiger-Müller tube. The indoor and outdoor measurements have not been adjusted for background dose rates. The results are presented in Table 82 and are summarised in Table 16.

Table 16. Summary of gamma dose rate measurements taken in the direct radiation survey area

Substrate	Number of measurements taken	Minimum gamma dose rate at 1 metre ($\mu\text{Gy h}^{-1}$)	Maximum gamma dose rate at 1 metre ($\mu\text{Gy h}^{-1}$)
Indoor measurements^a			
Concrete	7	0.063	0.090
Wood	4	0.078	0.085
Outdoor measurements^a			
Grass	13	0.059	0.071
Stones	2	0.074	0.080
Wood	1	0.053	0.053
Background measurements			
Grass	3	0.051	0.074

Note

^a These measurements have not been adjusted for background dose rates.

Of the 11 measurements taken indoors at locations within the direct radiation survey area, 9 readings were higher than the maximum background reading. Of the 16 measurements taken outdoors at locations within the direct radiation survey area, 1 reading was higher than the maximum background reading. Since gamma dose rate measurements are influenced by the nature of building materials, the substrate over which they are taken, and many other factors, the measurements taken in residential areas are expected to be higher than those taken in rural areas.

The gamma dose rates can be compared with readings taken by the RREMS programme, which continuously monitors radiation levels at a network of 89 fixed monitors and a number of mobile monitors distributed throughout the UK (www.gov.uk). The nearest RREMS station to Sizewell was at Wattisham, which was approximately 46 km away. The ambient (background) gamma dose rates at former Royal Air Force (RAF) Wattisham during the survey period ranged from 0.11 $\mu\text{Gy h}^{-1}$ to 0.12 $\mu\text{Gy h}^{-1}$. All of the readings taken at the time of the survey were below the range observed for the RREMS system.

9. Uses of habits data for dose assessments

9.1. Combined pathways

In determining habits data for the purposes of assessing radiological doses to the public, it may be necessary to consider a combination of pathways. Data are provided in Annex 1, Annex 2 and Annex 3 so that the full effect of combining pathways can be assessed for individual observations, given the concentrations and dose rates for a particular assessment. The rates for individuals in the high-rate groups are emboldened. In some circumstances, it will be possible to make simplifying assumptions and define the consumption and external exposure rates appropriate to a series of potential high-rate groups.

The most extensive combinations of pathways for adult dose assessment are shown in Table 84. Each of the 32 combinations shown in Table 84 represents an actual individual (or individuals) from Annex 1 who has positive data (irrespective of the magnitude), for each pathway marked with a cross. Other individuals from Annex 1 have combinations that are not listed in Table 84 because they have fewer pathways and a dose assessment for them would be adequately covered by 1 of the 32 listed combinations.

9.2. Prenatal dose assessment

Dose assessment of prenatal children was introduced routinely for the first time in the Radioactivity in Food and the Environment report for 2005 (EA, EHS, FSA and SEPA, 2006), following the publication of recommendations by the NRPB (2005). The adopted approach is to use the consumption and occupancy data for women of childbearing age in order to calculate the potential dose to prenatal children. Therefore, consumption and occupancy data collected during the 2025 Sizewell habits survey for females of childbearing age are presented in Annex 6. The Office of National Statistics classifies women to be of childbearing age if they are between 15 and 44 years old (www.ons.gov.uk); this age range has been used in Annex 6. It was not possible to collect ages for all female observations during the habits survey. However, these females with unknown ages have been included in Annex 6 as they might be women of childbearing age.

9.3. 'Total dose' assessment

The UK environment agencies and the FSA have considered ways of using habits data to estimate 'total dose' retrospectively. The adopted approach is to use the adult consumption and occupancy data collected in each habits survey to create a matrix with a

series of habits profiles for each site. The National Dose Assessment Working Group (NDAWG) considered this approach for assessing retrospective total doses (Camplin and others, 2005) and agreed that using habits profiles is an appropriate approach. The method used to estimate total dose integrated across pathways is provided in the RIFE reports (for example: EA, FSA, FSS, NRW, NIEA and SEPA, 2025) [RIFE 30, Radioactivity in Food and the Environment, 2024 - GOV.UK](#).

The relevant matrix for the adults' profiled habits data is shown in Annex 7. Additionally, profiles have been created for the child and infant age groups, and for women of childbearing age. These are shown in Annex 8, Annex 9 and Annex 10 respectively. Most of the groups used for the pathways in the matrices are exactly analogous to the groups used throughout this habits survey report, although the names used are slightly different, for example 'Fruit – Domestic' rather than 'Domestic fruit'. However, in order to increase the robustness of the 'total dose' assessments, some of the groups that are used throughout the rest of this report have been amalgamated together for use in the matrices. These are indicated in the notes at the foot of each matrix, where applicable. The 'Plume pathways' are related to inhalation and external exposure arising from gaseous discharges and use the total of the individuals' indoor and outdoor occupancy rates for each of the direct radiation zones. The 'Direct' pathway is expressed as the proportion of the profile members who are exposed to direct radiation.

10. Comparisons with the previous survey

The results from this 2025 survey are compared below with results from the last habits survey undertaken at Sizewell in 2015. There were changes to the survey areas compared with those used in the 2015 survey (Garrod and others, 2016), which were:

- The aquatic survey area started at the southern end of Southwold instead of Southwold town. This was due to improved mapping technology used in 2025.
- The terrestrial survey area and the direct radiation survey areas were based on the Sizewell A, B and C sites in 2025, instead of Sizewell A and B in 2015. A new approximate site centre was used to determine the terrestrial survey area, and a combined Sizewell A, B and C nuclear licensed site boundary was used to determine the direct radiation survey area. The direct radiation survey area increased by approximately 25%.

Occupancy rates in the direct radiation area are compared for all age groups combined, while all other comparisons are for adults only.

10.1. Aquatic survey area

The fishing activities identified in the aquatic survey area in 2025 were broadly similar to those identified in 2015. Changes identified were an increase in the landings of cuttlefish, and a newly identified mussel farm. Survey work had been taking place in the waters around Sizewell for Sizewell C and the North Falls Offshore Wind Farm, which temporarily restricted access to vessels in this area. It was reported that the survey works had displaced sand on the seabed revealing debris, which were causing a hazard to fishing nets.

There was a change in access to the sea area around Sizewell. Due to the introduction of the MFRZ, an area around Sizewell Harbour could no longer be used for commercial fishing without permission from the Sizewell C Harbour Master. Also, due to the introduction of the MCZ, an area previously used for fishing commercially, this zone is designated for building of the permanent BLF and temporary jetty.

A comparison between the main species consumed by the adult high-rate group for each food group in 2015 and 2025 is presented in Table 17.

Table 17. Comparison between 2015 and 2025 main aquatic species consumed by the adult high-rate group

Food Group	2015	2025
Sea fish	Bass, cod, Dover sole and thornback ray	Bass and Dover sole
Crustaceans	Brown crab and common lobster	Brown crab
Molluscs	Whelks	Mussel and Pacific oyster
Wildfowl	Canada goose, greylag goose, mallard, pink-footed goose and widgeon	Greater white-fronted goose, greylag goose, mallard and wigeon
Marine plants/algae	Samphire and sea beet	Samphire and sea kale

A comparison between the consumption of aquatic foods in 2015 and 2025 is presented in Table 18.

Table 18. Comparison between 2015 and 2025 consumption rates of aquatic food groups for adults

Food group	2015			2025		
	Number in high-rate group	Maximum consumption rate (kg y ⁻¹)	Mean consumption rate for the high-rate group (kg y ⁻¹)	Number in high-rate group	Maximum consumption rate (kg y ⁻¹)	Mean consumption rate for the high-rate group (kg y ⁻¹)
Sea fish	37	47.2	23.5	22	54.6	35.3
Crustaceans	5	15.5	10.4	1	12.2	12.2
Molluscs	1	3.2	3.2	4	2.9	2.2
Wildfowl	4	12.1	9.0	4	10.2	7.3
Marine plants/algae	2	0.6	0.6	3	1.5	1.5

There were 2 changes of note in the consumption of sea fish in 2025 compared with 2015. The consumption rates of sea fish had increased in 2025 and the variety of sea fish species being consumed had changed. Brill, herring, red gurnard and sprat were no longer being eaten by individuals, and a new species, cuttlefish, was being consumed. The increase in cuttlefish landings in recent years was believed to be due to increased sea water temperatures.

For the crustacean food group, the number of people in the high-rate group decreased in 2025. Three of the previous high-rate crustacean consumers could not be contacted, however it was reported that the previous supplier of their crab and lobster had since retired.

The total consumption of molluscs remained similar in 2025. However, for the main species consumption, whelks were no longer consumed in 2025, and mussels and Pacific oysters were consumed in 2025. The commercial fisherman consuming whelks in 2015 was no longer consuming them in 2025.

In 2025, the consumption rates of wildfowl decreased slightly, and the variety of species consumed changed. In 2025, pink-footed goose and pintail were no longer consumed and greater white-fronted goose and shoveler were newly identified species being consumed.

For the marine plants/algae food group, the maximum and mean consumption rate increased due to the identification of an individual who collected samphire and sea kale and shared them with their family.

For intertidal occupancy in both 2015 and 2025, occupancy over the following intertidal substrates for adults was recorded: mud; salt marsh; sand; sand and stones; stones. Occupancy over boat on mud was identified in 2015, but not in 2025.

The following activities were undertaken by the individuals in the adult high-rate groups for occupancy over intertidal substrates:

- In 2015: angling, attending to boat and fishing gear, collecting marine plants, dog walking, fixing moorings, jogging, living on a boat (part-time), playing, sitting on the beach and water sports preparation.
- In 2025: angling, boat maintenance (including fixing pots and nets), checking moorings, cycling, dog walking, fixing moorings, launching boats, rescue duties, sitting on the beach, undertaking beach warden duties, walking, wildfowling and yoga.

The following activities were undertaken by individuals in the adult high-rate groups for handling fishing gear:

- In 2015: handling pots, nets, and oyster dredges.

- In 2025: handling pots, nets, lines, oyster dredges and mussel ropes.

The following activities were undertaken by individuals in the adult high-rate groups for handling sediment:

- In 2015: fixing moorings.
- In 2025: fixing moorings, launching boats and wildfowling.

A comparison between the 2015 and 2025 data for adult occupancy over intertidal substrates and handling pathways is shown in Table 19.

Table 19. Comparison between 2015 and 2025 intertidal occupancy rates and handling rates of fishing gear and sediment for adults

Intertidal substrate or handling pathway	2015			2025		
	Number in high-rate group	Maximum occupancy or handling rate (h y ⁻¹)	Mean occupancy or handling rate for the high-rate group (h y ⁻¹)	Number in high-rate group	Maximum occupancy or handling rate (h y ⁻¹)	Mean occupancy or handling rate for the high-rate group (h y ⁻¹)
Mud	5	169	162	5	190	119
Salt marsh	6	240	175	6	52	31
Sand	4	248	146	1	1	1
Sand and stones	16	1017	591	24	730	373
Stones	1	1251	1251	7	704	400
Boat on mud	1	840	840	Not identified	Not identified	Not identified
Handling fishing gear	17	1925	1145	10	2427	1666
Handling sediment	5	188	176	4	1511	1040

In 2025 there were changes of note in intertidal occupancy rates compared with 2015. These were mean occupancy rate decreases in the adult high-rate group in 2025 which were over: salt marsh; sand; and over stones. Additionally, the mean handling rate of sediment for the adult high-rate group increased in 2025 in comparison to 2015. Occupancy over boat on mud was identified in 2015, but not in 2025.

The changes in occupancy rates were primarily due to changes in activities being undertaken but also resulting from intertidal substrates at the same location varying between 2015 and 2025. The reasons identified for these changes over each substrate are as follows:

- For mud, launching boats, wildfowling and rescue duty activities were identified in 2025 but not in 2015. There were 2 people in the high-rate group with lower occupancy rates which reduced the mean compared to 2015.
- For salt marsh, in 2015 several anglers were identified angling from salt marsh on the River Blyth, which was also recorded in 2025, but at a much-reduced rate. Wildfowling was a new activity on salt marsh in 2025.
- For sand, in 2025 high-rate activities were recorded at Southwold and Walberswick, whereas in 2015 the substrate at these locations had changed from sand to a higher proportion of sand and stones. Angling was a high-rate activity over sand in 2015 but not in 2025.
- In 2015, several keen anglers were identified who spent considerable time on sand and stones at Dunwich, Sizewell and Thorpeness. Since the installation of sea defences, the substrate of the beach at Thorpeness had changed from sand and stones in 2015 to stones in 2025.
- For stones, one high-rate angler was identified in 2015, but not in 2025.

10.2. Terrestrial survey area

Activities in the terrestrial survey area in 2025 were broadly similar to those in 2015. The principal types of farm produce within the area continued to be beef, sheep, pigs and arable crops. A working farm in 2015, was no longer operating in 2025. The growing of fruit and vegetables and the collection of wild/free foods and game shooting on farmland were identified in both surveys.

The mean consumption rates for the adult high-rate groups for terrestrial food groups from the 2015 and 2025 surveys are shown in Table 20.

Table 20. Comparison between 2015 and 2025 mean consumption rates (kg y⁻¹) for the adult high-rate groups for terrestrial food groups

Food group	2015	2025
Green vegetables	46.6	45.1
Other vegetables	41.7	55.3
Root vegetables	50.9	42.4
Potato	77.5	58.8
Domestic fruit	36.9	26.9
Cattle meat	19.2	21.6
Pig meat	18.7	Not identified
Sheep meat	7.2	0.8
Poultry	8.4	7.8
Eggs	22.6	32.6
Wild/free foods	4.1	2.8
Rabbits/hares	2.7	Not identified
Honey	10.9	3.0
Wild fungi	0.6	1.0
Venison	31.8	2.9

In 2025, compared to 2015, the mean consumption rates for the adult high-rate group increased in the following food groups: other vegetables; cattle meat; eggs; wild fungi. In 2025 the mean consumption rates for the adult high-rate groups decreased in the following food groups: green vegetables; root vegetables; potato; domestic fruit; sheep meat; poultry; wild/free foods; honey; venison. Changes of note in consumption rates included decreases of sheep meat, honey and venison. The consumption of pig meat and rabbits/hares was identified in 2015 but not in 2025.

The increased consumption rate of other vegetables in 2025 was due to the identification of 2 individuals who consumed large quantities of produce from their allotment. The increased consumption rate of eggs was due to two individuals, who were not interviewed in 2015, who were consuming locally produced eggs. The consumption of pig meat was not identified in 2025 because a previous high-rate consumer's source of pork could no longer guarantee that the pigs were reared in the terrestrial survey area. Based on information obtained in the survey, it was assumed that pork was consumed, therefore, pig meat has been added to Annex 4 as a missing pathway. The previous high-rate consumers of rabbits/hares, honey and sheep meat could not be contacted in 2025. No specific reasons were identified for the other changes in consumption rates.

The consumption of groundwater by humans and livestock was identified in both 2015 and 2025. In both surveys, human consumption of groundwater, including borehole and well water, was identified within the terrestrial survey area. Livestock were identified drinking mains water and had access to streams and rivers in both 2015 and 2025.

10.3. Direct radiation survey area

Activities identified in the direct radiation survey area in 2015 and 2025 were generally similar and included people residing, working and undertaking recreational activities. Due to the addition of Sizewell C nuclear site in the 2025 survey, the direct radiation survey area has increased by approximately 25% since the last habits survey conducted in 2015. There were no residences identified in this additional area. A comparison between the 2015 and 2025 direct radiation occupancy rates for all age groups combined, by zone, is presented in Table 21.

Table 21. Comparison between 2015 and 2025 direct radiation occupancy rates (h y⁻¹) for all age groups combined

	2015	2025
<u>Within the licensed site area</u>		
Highest indoor occupancy	950	Not recorded
Highest outdoor occupancy	950	Not recorded
Highest total occupancy	1900	Not recorded
<u>0 - 0.25 km</u>		
Highest indoor occupancy	7430	8538
Highest outdoor occupancy	4380	4380
Highest total occupancy	8395	8578
<u>>0.25 - 0.5 km</u>		
Highest indoor occupancy	8292	8628
Highest outdoor occupancy	1554	1556
Highest total occupancy	8709	8640
<u>>0.5 - 1.0 km</u>		
Highest indoor occupancy	7876	8577
Highest outdoor occupancy	2192	2556
Highest total occupancy	8620	8760

Compared with 2015, there were minimal changes to occupancy rates in the direct radiation survey area in 2025.

In 2015, employees (who were not site employees or contractors) were spending time within the nuclear licensed site boundary, but this was no longer the case in 2025.

In the 0 – 0.25 km zone, the highest indoor occupancy rate increased, the highest outdoor occupancy rate remained the same, and the highest total occupancy rate increased slightly. In 2015 and 2025, the highest indoor occupancy rates in the 0 – 0.25 km zone were for different residents, and the highest total occupancy rate was for the same resident in both years. The highest outdoor occupancy rates were for the same resident in both 2015 and 2025.

In the >0.25 – 0.5 km zone, the highest outdoor, indoor and total occupancy rates remained similar. In 2015 and 2025, the highest indoor and total occupancy rates were for

the same resident. In both years, another resident had the highest outdoor occupancy rates.

In the >0.5 – 1.0 km zone, the highest indoor, outdoor and total occupancy rates increased in 2025. In 2015 and 2025, the highest indoor and total occupancy rates were for the same resident. In both years, another resident had the highest outdoor occupancy rates.

In the direct radiation survey area, 10 sets of gamma dose measurements taken in residences in 2025 can be compared with those taken at the same properties in 2015. These data are shown in Table 22.

Table 22. Comparison between 2015 and 2025 gamma dose rates ($\mu\text{Gy h}^{-1}$)

Location	Indoor		Outdoor	
	2015	2025	2015	2025
Residence 1	0.077	0.082	0.055	0.064
Residence 2	0.085	0.090	0.057	0.061
Residence 3	0.078	0.085	0.048	0.063
Residence 4	0.065	0.083	0.063	0.080
Residence 5	0.069	0.081	0.064	0.060
Residence 6	0.079	Not recorded	0.057	0.059
Residence 7	0.066	0.078	0.053	0.069
Residence 8	0.073	0.089	0.051	0.066
Residence 9	0.091	Not recorded	0.049	0.068
Residence 10	Not recorded	0.063	0.050	0.064

Notes

These measurements have not been adjusted for background dose rates.

The locations correspond to those in Table 82.

When compared with 2015, most of the indoor and outdoor readings taken were slightly higher in 2025. Three of the readings taken in 2025 were lower compared with the 2015 readings.

11. Main findings

The survey investigated 3 potential sources of public radiation exposure from the Sizewell A and B nuclear licensed sites (Sizewell C was included for prospective dose assessments), which were:

- Discharges of liquid radioactive waste via outfalls into the North Sea
- Discharges of gaseous radioactive waste to the atmosphere
- Emissions of direct radiation

Information was obtained by conducting interviews with members of the public including, for example, anglers, people spending time on intertidal substrates, farmers, allotment holders, beekeepers and people spending time within the direct radiation survey area. These people were targeted because their diet and habits may cause them to be exposed to radioactivity from the site. However, it should be noted that the most exposed people can only be defined with the outcome of a dose assessment. Data for 463 individuals are presented in this report. All consumption rates recorded are only for foods produced, collected or caught from within the aquatic and terrestrial survey areas as defined in Section 4.3. The consumption and occupancy rates in this section are presented to 2 significant figures.

11.1. Aquatic survey area

The mean consumption rates for the adult high-rate groups (as defined in Section 5.4) for the separate aquatic consumption pathways for foods potentially affected by liquid discharges were:

- 35 kg y⁻¹ for sea fish
- 12 kg y⁻¹ for crustaceans
- 2.2 kg y⁻¹ for molluscs
- 7.3 kg y⁻¹ for wildfowl
- 1.5 kg y⁻¹ for marine plants/algae

The predominant foods consumed by the people in the adult high-rate groups were:

- For sea fish: bass and Dover sole with smaller quantities of cod, cuttlefish, dab, flounder, lemon sole, lesser spotted dogfish, mackerel, plaice, thornback ray and whiting
- For crustaceans: brown crab
- For molluscs: mussel and Pacific oyster

- For wildfowl: greylag goose, wigeon, greater white-fronted goose and mallard with smaller quantities of Canada goose, shoveler and teal
- For marine plants/algae: samphire and sea kale

There were no individuals identified collecting seaweed from the survey area for use as fertiliser on allotment plots and vegetable gardens for the production of fruit and vegetables. The use of seaweed as animal feed was not identified.

The mean occupancy rates for the adult high-rate groups over the separate intertidal substrates were:

- 120 h y⁻¹ for mud
- 31 h y⁻¹ for salt marsh
- 1 h y⁻¹ for sand
- 370 h y⁻¹ for sand and stones
- 400 h y⁻¹ for stones

The mean rates for the adult high-rate groups for handling were:

- 1700 h y⁻¹ for handling fishing gear (pots, nets, lines, oyster dredges and mussel ropes)
- 1000 h y⁻¹ for handling sediment (fixing moorings, launching boats and wildfowling)

The maximum adult occupancy rates for water-based activities were:

- 190 h y⁻¹ for 'in water'
- 7700 h y⁻¹ for 'on water'

Individuals in both the child and infant age group were recorded consuming aquatic foods and undertaking activities in the aquatic survey area.

11.2. Terrestrial survey area

The mean consumption rates for the adult high-rate groups for the separate consumption pathways for foods potentially affected by gaseous discharges were:

- 45 kg y⁻¹ for green vegetables
- 55 kg y⁻¹ for other vegetables
- 42 kg y⁻¹ for root vegetables
- 59 kg y⁻¹ for potato

- 27 kg y⁻¹ for domestic fruit
- 22 kg y⁻¹ for cattle meat
- 0.8 kg y⁻¹ for sheep meat
- 7.8 kg y⁻¹ for poultry
- 33 kg y⁻¹ for eggs
- 2.8 kg y⁻¹ for wild/free foods
- 3.0 kg y⁻¹ for honey
- 1.0 kg y⁻¹ for wild fungi
- 2.9 kg y⁻¹ for venison

No consumption of milk, pig meat or rabbits/hares was identified.

The consumption of terrestrial foodstuffs was also recorded for individuals in the child and infant age groups.

Human consumption of groundwater, including borehole and well water, was identified within the terrestrial survey area. Livestock were identified drinking mains water and had access to streams and rivers. Crops were irrigated with water from a borehole and surface abstraction.

11.3. Direct radiation survey area

The highest indoor, outdoor and total occupancy rates recorded for each zone were:

0 – 0.25 km zone

- 8500 h y⁻¹ for the indoor occupancy rate
- 4400 h y⁻¹ for the outdoor occupancy rate
- 8600 h y⁻¹ for the total occupancy rate

>0.25 – 0.5 km zone

- 8600 h y⁻¹ for the indoor occupancy rate
- 1600 h y⁻¹ for the outdoor occupancy rate
- 8600 h y⁻¹ for the total occupancy rate

>0.5 – 1.0 km zone

- 8600 h y⁻¹ for the indoor occupancy rate
- 2600 h y⁻¹ for the outdoor occupancy rate

- 8760 h y⁻¹ for the total occupancy rate

In the 0 – 0.25 km zone, the highest indoor and total occupancy rates were for a resident. The highest outdoor occupancy rate was for another resident.

For the >0.25 – 0.5 km zone, the highest indoor and total occupancy rates were for a resident. The highest outdoor occupancy rate was for another resident.

For the >0.5 – 1.0 km zone, the highest indoor and total occupancy rates were for a resident. The highest outdoor occupancy rate was for another resident.

12. Habits survey information for consideration in the selection of samples and measurements for monitoring programmes

Habits surveys provide site-specific information on the consumption of locally produced foods and the location and types of activities which may affect the public's exposure to radiation. This information can be used to help in the selection of samples and measurements for the monitoring programmes by identifying foods that are consumed at high rates and the locations where people spend significant amounts of time.

In England and Wales, the monitoring programme for radioactivity in food is undertaken by the FSA, and the monitoring programme for radioactivity in the environment is conducted by the EA. The results of these programmes are published annually in the RIFE reports (for example: EA, FSA, FSS, NRW, NIEA and SEPA, 2025) [RIFE 30, Radioactivity in Food and the Environment, 2024 - GOV.UK](#).

12.1. Summary of the monitoring programmes for Sizewell

The 2024 monitoring programmes conducted by the EA and FSA relevant to the Sizewell area included the samples and measurements listed in Table 23, Table 24 and Table 25. The location names, foods and substrate classifications are taken directly from RIFE 30 (EA, FSA, FSS, NRW, NIEA and SEPA, 2025) [RIFE 30, Radioactivity in Food and the Environment, 2024 - GOV.UK](#). Some of the samples and measurements taken for the monitoring programmes may be from outside the survey areas used for the 2025 Sizewell habits survey.

Table 23. Aquatic food and environmental samples used in the 2024 EA and FSA monitoring programmes

Sample	Location
Seabass	Sizewell
Dover sole	Sizewell
Oysters	Butley Creek
Sediment	Aldeburgh
Sediment	Southwold Harbour
Sediment	Minsmere river outfall
Seawater	Sizewell Beach

Table 24. Gamma dose rate measurements over intertidal substrates used in the 2024 EA environmental monitoring programme

Location	Substrate
Sizewell Beach	Sand
Sizewell Beach	Sand and shingle
Dunwich	Sand and shingle
Aldeburgh	Sand and shingle
Southwold Harbour	Grass and mud
Southwold Harbour	Mud

Table 25. Terrestrial samples used in the 2024 EA and FSA monitoring programmes

Sample	Location
Milk	-
Milk	-
Potatoes	-
Grass	-
Grass	Sizewell Belts
Grass	Sizewell Common
Freshwater	Minsmere Nature Reserve
Freshwater	The Meare
Freshwater	Leisure Park
Freshwater	Farm Reservoir

12.2. Information from the 2025 Sizewell habits survey for use in the selection of samples and measurements for monitoring programmes

Food Standards Agency monitoring

The following foods presented in Table 26 were either consumed in the largest quantities in their food groups or were the only food in their food group and could be considered for potentially selecting samples for the FSA monitoring programme.

Table 26. Foods considered for potentially selecting samples for the FSA monitoring programme

Food	Food Group
Bass	Sea fish
Brown crab	Crustaceans
Mussel	Molluscs
Greylag goose	Wildfowl
Samphire	Marine plants/algae
Cucumber	Green vegetables
Tomato	Other vegetables
Carrot	Root vegetables
Potato	Potato
Apple	Domestic fruit
Beef	Cattle meat
Lamb	Sheep meat
Pigeon	Poultry
Chicken egg	Egg
Blackberry	Wild/free foods
Honey	Honey
Mixed fungi	Wild fungi
Venison	Venison

Environment Agency monitoring

The current environmental monitoring programme adequately covers the Sizewell area, and no changes are suggested.

13. Acknowledgements

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Table 27. Survey coverage

Group	Criteria	Estimate of complete coverage	Number for whom positive data was obtained	Coverage for positive observations	Notes
Summary of all pathways					
All potential interviewees in the Sizewell aquatic, terrestrial and direct radiation survey areas.	Number of people residing in the direct radiation survey area (See (C) Direct radiation pathways)	60	34 ^b	57%	17 properties were interviewed within the direct radiation survey area out of an estimated 30 properties
	Number of people working, visiting and undertaking recreational activities in the direct radiation survey area (See (C) Direct radiation pathways)	Unknown	146 ^b	Unknown	Excluding employees and contractors at the nuclear licensed site. Where generalised data for groups of people were obtained, for example employees at some businesses, only a limited number of representative individuals have been included.
	Number of people residing in the terrestrial survey area (excluding residents and visitors in the direct radiation survey area) (See (B) Terrestrial pathways)	12,321	94 ^b	0.8%	The survey targeted individuals who were potentially the most exposed, mostly producers of local foods such as farmers and allotment holders.
	Number of people affected by liquid discharges (excluding those assigned to (B) and (C) categories above) (See (A) Aquatic pathways)	Unknown	189 ^b	Unknown	Where generalised data for groups of people were obtained, for example members of clubs, only a limited number of representative individuals have been included.
	Total for aquatic, terrestrial and direct radiation survey areas	Unknown	463 ^b	Unknown	

Group	Criteria	Estimate of complete coverage	Number for whom positive data was obtained	Coverage for positive observations	Notes
(A) Aquatic pathways					
Commercial and hobby fishermen	Number of commercial and hobby fishermen fishing in the aquatic survey area	Unknown	18	Unknown	
Wildfowlers	Number of wildfowlers	Unknown	3	Unknown	One wildfowling club had rights to shoot within the aquatic survey area.
People using the intertidal areas (for example: dog walkers, people playing, etc.)	Number of people undertaking activities on the intertidal areas in the aquatic survey area	Unknown	201	Unknown	
People undertaking activities in or on water (for example: swimming, rowing and kayaking etc.)	Number of people undertaking activities in or on water in the aquatic survey area	Unknown	185	Unknown	Includes data from 2 swimming clubs and a rowing club.
Sea fish consumers	Number of people consuming sea fish from the aquatic survey area	Unknown	74	Unknown	These were typically commercial fishermen, anglers and their families.
Crustacean consumers	Number of people consuming crustaceans from the aquatic survey area	Unknown	42	Unknown	
Mollusc consumers	Number of people consuming molluscs from the aquatic survey area	Unknown	5	Unknown	
Wildfowl consumers	Number of people consuming wildfowl from the aquatic survey area	Unknown	4	Unknown	
Marine plants/algae consumers	Number of people consuming marine plants/algae from the aquatic survey area	Unknown	3	Unknown	

Group	Criteria	Estimate of complete coverage	Number for whom positive data was obtained	Coverage for positive observations	Notes
(B) Terrestrial pathways					
Farmers and market gardeners	Number of farmers, market gardeners and their family members consuming food from the terrestrial survey area	35	20	57%	
Allotment holders and gardeners	Number of allotment holders, gardeners and their family members consuming food from the terrestrial survey area	Unknown	103	Unknown	Interviews were conducted at 3 allotment sites.
(B) Direct radiation pathways					
Residents	Number of people resident within the direct radiation survey area	48	34	71%	When an individual was both residing and working in the area, they have been allocated as residing. Further details can be seen in Table 80. There was an estimated total of 30 residences located within the direct radiation survey area, some of which were reported to be holiday homes. Seventeen residences were interviewed during the survey.
Employees	Number of people working in the direct radiation survey area	27	27	100%	Excluding employees and contractors at the nuclear licensed site. All known businesses in the direct radiation survey area were interviewed during the survey.

Group	Criteria	Estimate of complete coverage	Number for whom positive data was obtained	Coverage for positive observations	Notes
Visitors (people undertaking recreational activities)	Number of people visiting the survey area	Unknown	118	Unknown	Including people visiting Sizewell beach and attending Sizewell parkrun.
Breakdown of age groups for people residing in the 5 km terrestrial survey area ((B) and (C))					
Adult	16 years old and over	10,674 ^a	246	2.3%	
Child	6 years old to 15 years old	1,027 ^a	13	1.3%	
Infant	0 to 5 years old	620 ^a	15	2.4%	

Notes

^a Estimate of the number of people residing in the 5 km terrestrial survey area based on data from www.ons.gov.uk.

^b The number of people for whom positive data was obtained for pathways (A) and (B) and (C) will usually not equal the relevant totals in the summary of all pathways. This is because in sections (A), (B) and (C) some individuals may be counted 2 or more times, for example someone who goes angling and consumes foods from the terrestrial area.

Table 28. Typical food groups used in habits surveys

Food group	Examples of foods within the group
Green vegetables	Asparagus, broccoli, Brussels sprouts, cabbage, calabrese, cauliflower, chard, courgette, cucumber, gherkin, globe artichoke, herbs, kale, leaf beet, lettuce, marrow, spinach
Other vegetables	Aubergine, broad bean, chili pepper, French bean, kohlrabi, mangetout, pea, pepper, pumpkin, runner bean, sweetcorn, tomato
Root vegetables	Beetroot, carrot, celeriac, celery, chicory, fennel, garlic, Jerusalem artichoke, leek, onion, parsnip, radish, shallot, spring onion, swede, turnip
Potato	Potato
Domestic fruit	Apple, apricot, blackberry, blackcurrant, boysenberry, cherry, damson, fig, gooseberry, grape, greengage, huckleberry, loganberry, melon, nectarine, peach, pear, plum, raspberry, redcurrant, rhubarb, rowanberry, strawberry, tayberry, white currant
Milk	Cows' milk, cream, goats' milk, yoghurt
Cattle meat^a	Beef
Pig meat^a	Pork
Sheep meat^a	Lamb, mutton
Poultry^b	Chicken, duck, goose, grouse, guinea fowl, partridge, pheasant, pigeon, turkey, woodcock
Eggs	Chicken egg, duck egg, goose egg
Wild/free foods	Blackberry, chestnut, crab apple, damson, dandelion root, elderberry, nettle, rowanberry, sloe
Honey	Honey
Wild fungi	Mushrooms, other edible fungi

Food group	Examples of foods within the group
Rabbits/hares	Hare, rabbit
Venison^a	Venison
Sea fish	Bass, brill, cod, ling, dab, Dover sole, flounder, gurnard, haddock, hake, herring, lemon sole, mackerel, monkfish, mullet, plaice, pollack, rays, saithe, salmon, sea trout, sprat, turbot, whitebait, whiting, witch, cuttlefish ^c , squid ^c
Fish (freshwater)	Brown trout, eel (river), perch, pike, rainbow trout, salmon (river)
Crustaceans	Brown crab, common lobster, crawfish, Nephrops, prawn, shrimp, spider crab, squat lobster, velvet swimming crab
Molluscs	Cockles, limpets, mussels, oysters, razor clam, scallops, whelks, winkles
Wildfowl^b	Canada goose, greylag goose, mallard, pink-footed goose, pintail, shoveler, teal, wigeon

Notes

^a Including offal.

^b Domesticated ducks and geese are classified as poultry. Wild ducks and geese are classified as wildfowl.

^c Although squid and cuttlefish are molluscs, radiologically they are more akin to fish due to their mobility and physiology.

Table 29. Adults' consumption rates of sea fish from the Sizewell aquatic survey area (kg y⁻¹)

Person ID number	Bass	Cod	Cuttlefish	Dab	Dover sole	Flounder	Lemon sole	Lesser spotted dogfish	Mackerel	Plaice	Thornback ray	Whiting	Total
5114/1/1	22.3	-	-	-	29.4	-	-	-	-	3.0	-	-	54.6
5114/2/1	22.3	-	-	-	29.4	-	-	-	-	3.0	-	-	54.6
5114/6/1	22.3	-	-	-	29.4	-	-	-	-	3.0	-	-	54.6
5114/7/1	22.3	-	-	-	29.4	-	-	-	-	3.0	-	-	54.6
5114/8/1	22.3	-	-	-	29.4	-	-	-	-	3.0	-	-	54.6
5114/9/1	22.3	-	-	-	29.4	-	-	-	-	3.0	-	-	54.6
4821/1/1	9.0	12.5	-	5.4	-	-	13.5	-	-	-	-	4.8	45.3
4821/4/1	9.0	12.5	-	5.4	-	-	13.5	-	-	-	-	4.8	45.3
4844/1/1	6.5	-	9.1	-	6.5	-	-	-	-	-	12.0	-	34.2
4962/1/1	31.3	-	-	-	-	-	-	-	-	-	-	-	31.3
4962/2/1	31.3	-	-	-	-	-	-	-	-	-	-	-	31.3
4912/1/1	-	-	-	-	3.0	-	-	26.1	-	-	-	-	29.1
4930/1/1	6.5	-	-	3.3	3.3	-	-	-	-	-	13.0	-	26.1
4883/1/1	-	-	-	6.5	6.5	-	-	6.5	-	6.5	-	-	26.1
4883/3/1	-	-	-	6.5	6.5	-	-	6.5	-	6.5	-	-	26.1
5117/2/1	6.5	-	-	-	6.5	6.5	-	-	-	-	6.5	-	26.1
5117/3/1	6.5	-	-	-	6.5	6.5	-	-	-	-	6.5	-	26.1
4844/2/1	6.5	-	9.1	-	6.5	-	-	-	-	-	-	-	22.2
4844/3/1	6.5	-	9.1	-	6.5	-	-	-	-	-	-	-	22.2
4844/4/1	6.5	-	9.1	-	6.5	-	-	-	-	-	-	-	22.2
4931/1/1	10.4	-	-	-	-	-	-	-	7.8	-	-	-	18.2
4931/2/1	10.4	-	-	-	-	-	-	-	7.8	-	-	-	18.2
4950/1/1	-	5.2	-	-	6.3	-	-	6.3	-	-	-	-	17.7
4950/2/1	-	5.2	-	-	6.3	-	-	6.3	-	-	-	-	17.7
4787/1/1	9.0	-	-	-	-	-	-	-	-	4.8	-	-	13.7

Radiological Habits Surveys: Sizewell 2025

Person ID number	Bass	Cod	Cuttlefish	Dab	Dover sole	Flounder	Lemon sole	Lesser spotted dogfish	Mackerel	Plaice	Thornback ray	Whiting	Total
4959/1/1	0.9	-	-	-	-	-	-	10.4	-	-	-	-	11.4
5135/3/1	1.5	-	-	-	-	-	-	-	-	-	5.3	4.5	11.3
5135/4/1	1.5	-	-	-	-	-	-	-	-	-	5.3	4.5	11.3
4803/1/1	2.1	2.1	-	-	-	-	-	2.1	-	-	2.1	-	8.4
4803/2/1	2.1	2.1	-	-	-	-	-	2.1	-	-	2.1	-	8.4
4803/3/1	2.1	2.1	-	-	-	-	-	2.1	-	-	2.1	-	8.4
4783/1/1	2.4	-	-	-	-	-	-	-	-	5.2	-	-	7.6
4783/2/1	2.4	-	-	-	-	-	-	-	-	5.2	-	-	7.6
4818/1/1	4.5	-	-	-	-	-	-	-	-	2.4	-	-	6.9
4831/7/1	3.7	-	-	-	2.8	-	-	-	-	-	-	-	6.5
4952/1/1	3.0	-	-	-	-	-	-	-	-	-	3.0	-	6.0
4952/9/1	3.0	-	-	-	-	-	-	-	-	-	3.0	-	6.0
5126/1/1	-	-	-	-	5.4	-	-	-	-	-	-	-	5.4
5132/1/1	0.8	-	-	-	0.9	-	-	-	-	-	2.3	-	4.1
5132/2/1	0.8	-	-	-	0.9	-	-	-	-	-	2.3	-	4.1
4799/1/1	2.2	-	-	-	-	-	1.7	-	-	-	-	-	3.9
4799/2/1	2.2	-	-	-	-	-	1.7	-	-	-	-	-	3.9
4843/1/1	-	-	-	-	3.6	-	-	-	-	-	-	-	3.6
4843/2/1	-	-	-	-	3.6	-	-	-	-	-	-	-	3.6
5133/1/1	-	-	-	-	2.0	-	-	-	-	-	1.5	-	3.5
4838/1/1	3.2	-	-	-	-	-	-	-	-	-	-	-	3.2
4838/2/1	3.2	-	-	-	-	-	-	-	-	-	-	-	3.2
4911/1/1	0.3	-	-	-	2.4	-	-	-	-	-	0.3	-	3.0
4911/2/1	0.3	-	-	-	2.4	-	-	-	-	-	0.3	-	3.0
4935/1/1	3.0	-	-	-	-	-	-	-	-	-	-	-	3.0
4935/2/1	3.0	-	-	-	-	-	-	-	-	-	-	-	3.0
4837/1/1	-	-	-	-	2.8	-	-	-	-	-	-	-	2.8

Person ID number	Bass	Cod	Cuttlefish	Dab	Dover sole	Flounder	Lemon sole	Lesser spotted dogfish	Mackerel	Plaice	Thornback ray	Whiting	Total
4824/1/1	-	1.4	-	-	-	-	-	-	-	1.4	-	-	2.7
4824/2/1	-	1.4	-	-	-	-	-	-	-	1.4	-	-	2.7
4786/1/1	1.5	-	-	0.5	-	-	-	-	-	-	-	-	1.9
4966/1/1	1.9	-	-	-	-	-	-	-	-	-	-	-	1.9
4831/3/1	1.1	-	-	-	0.8	-	-	-	-	-	-	-	1.9
4831/4/1	1.1	-	-	-	0.8	-	-	-	-	-	-	-	1.9
4905/1/1	1.5	-	-	-	-	-	-	-	-	-	-	-	1.5
4845/1/1	0.4	-	-	-	0.8	-	-	-	-	-	-	-	1.2
4893/2/1	-	-	-	-	-	-	-	1.2	-	-	-	-	1.2
5115/3/1	1.0	-	-	-	-	-	-	-	-	-	-	-	1.0
5129/1/1	-	-	-	-	-	-	-	-	-	-	0.8	-	0.8
5129/2/1	-	-	-	-	-	-	-	-	-	-	0.8	-	0.8

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of sea fish for adults based on the 22 high-rate consumers is 35.3 kg y⁻¹

The observed 97.5th percentile rate based on 64 observations is 54.6 kg y⁻¹

Table 30. Adults' consumption rates of crustaceans from the Sizewell aquatic survey area (kg y⁻¹)

Person ID number	Brown crab	Common lobster	Total
4930/1/1	12.2	-	12.2
4837/1/1	3.6	-	3.6
4799/1/1	0.8	2.2	3.0
4799/2/1	0.8	2.2	3.0
5133/1/1	2.1	0.9	3.0
4962/1/1	-	2.6	2.6
4962/2/1	-	2.6	2.6
4912/1/1	1.1	1.3	2.4
4958/1/1	-	2.2	2.2
4803/1/1	2.1	-	2.1
4803/2/1	2.1	-	2.1
4803/3/1	2.1	-	2.1
4783/1/1	1.8	-	1.8
4783/2/1	1.8	-	1.8
4787/1/1	1.6	-	1.6
4817/1/1	1.6	-	1.6
4919/4/1	1.6	-	1.6
5131/1/1	1.6	-	1.6
5114/6/1	-	1.6	1.6
5114/7/1	-	1.6	1.6
5114/8/1	-	1.6	1.6
5114/9/1	-	1.6	1.6
4935/1/1	-	1.5	1.5
4935/2/1	-	1.5	1.5
4883/1/1	1.4	-	1.4
4819/1/1	-	1.3	1.3
4819/4/1	-	1.3	1.3
4931/1/1	1.0	-	1.0
4931/2/1	1.0	-	1.0
5129/1/1	0.5	0.2	0.8
5129/2/1	0.5	0.2	0.8
4845/1/1	0.3	0.4	0.7
4893/2/1	0.7	-	0.7
4959/1/1	-	0.6	0.6
5115/2/1	-	0.6	0.6
4954/1/1	0.3	0.2	0.5
4954/2/1	0.3	0.2	0.5
4905/1/1	0.1	0.2	0.4
4820/1/1	-	0.2	0.2

Person ID number	Brown crab	Common lobster	Total
4820/3/1	-	0.2	0.2
4816/1/1	0.1	-	0.1
4816/2/1	0.1	-	0.1

Notes

The emboldened observation is the high-rate consumer

The mean consumption rate of crustaceans for adults based on the high-rate consumer is 12.2 kg y⁻¹

The observed 97.5th percentile rate based on 42 observations is 3.6 kg y⁻¹

Table 31. Adults' consumption rates of molluscs from the Sizewell aquatic survey area (kg y⁻¹)

Person ID number	Mussel	Pacific oyster	Total
4838/1/1	1.2	1.7	2.9
4838/2/1	1.2	1.7	2.9
4958/1/1	1.9	-	1.9
4817/1/1	1.2	-	1.2
5115/2/1	-	0.1	0.1

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of molluscs for adults based on the 4 high-rate consumers is 2.2 kg y⁻¹

The observed 97.5th percentile rate based on 5 observations is 2.9 kg y⁻¹

Table 32. Adults' consumption of wildfowl from the Sizewell aquatic survey area (kg y⁻¹)

Person ID number	Canada goose	Greater white-fronted goose	Greylag goose	Mallard	Shoveler	Teal	Wigeon	Total
5135/1/1	-	1.4	6.6	0.9	-	0.2	1.0	10.2
5135/2/1	-	1.4	6.6	0.9	-	0.2	1.0	10.2
4897/1/1	0.7	-	2.2	0.2	0.2	-	1.0	4.3
4897/2/1	0.7	-	2.2	0.2	0.2	-	1.0	4.3

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of wildfowl for adults based on the 4 high-rate consumers is 7.3 kg y⁻¹

The observed 97.5th percentile rate based on 4 observations is 10.2 kg y⁻¹

Table 33. Adults' consumption rates of marine plants/algae from the Sizewell aquatic survey area (kg y⁻¹)

Person ID number	Samphire	Sea kale	Total
5133/1/1	1.3	0.2	1.5
5133/3/1	1.3	0.2	1.5
5133/4/1	1.3	0.2	1.5

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of marine plants/algae for adults based on the 3 high-rate consumers is 1.5 kg y⁻¹

The observed 97.5th percentile rate based on 3 observations is 1.5 kg y⁻¹

Table 34. Children's consumption rates of sea fish from the Sizewell aquatic survey area (kg y⁻¹)

Person ID number	Bass	Dover sole	Plaice	Thornback ray	Total
5114/3/1	16.7	22.0	2.2	-	41.0
5114/4/1	16.7	22.0	2.2	-	41.0
5132/3/1	0.8	0.9	-	2.3	4.1
4831/5/1	1.1	0.8	-	-	1.9

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of sea fish for the child age group based on the 2 high-rate consumers is 41.0 kg y⁻¹

The observed 97.5th percentile rate based on 4 observations is 41.0 kg y⁻¹

Table 35. Infants' consumption rates of sea fish from the Sizewell aquatic survey area (kg y⁻¹)

Person ID number	Bass	Dover sole	Lesser spotted dogfish	Plaice	Thornback ray	Total
5114/5/1	4.5	5.9	-	0.6	-	10.9
4959/2/1	0.5	-	3.1	-	-	3.6
4959/3/1	0.3	-	2.1	-	-	2.4
5132/4/1	0.4	0.4	-	-	1.2	2.0
5132/5/1	0.3	0.3	-	-	0.8	1.3
4831/6/1	0.5	0.4	-	-	-	0.9

Notes

The emboldened observation is the high-rate consumer

The mean consumption rate of sea fish for the infant age group based on the high-rate consumer is 10.9 kg y⁻¹

The observed 97.5th percentile rate based on 6 observations is 10.0 kg y⁻¹

Table 36. Adults' intertidal occupancy rates in the Sizewell aquatic survey area (h y⁻¹)

Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
5135/1/1	River Alde at Slaughden	Fixing moorings, launching boats and wildfowling	190	-	-	-	-
	River Alde and River Ore	Wildfowling	-	19	-	-	-
5135/6/1	River Alde at Slaughden	Fixing moorings and launching boats	171	-	-	-	-
4958/1/1	Orford and River Ore	Rescue duties, checking and fixing moorings	104	-	-	-	-
5117/1/1	River Alde at Slaughden	Fixing moorings	65	-	-	-	-
5117/2/1	River Alde at Slaughden	Fixing moorings	65	-	-	-	-
5115/1/1	Within the survey area	Going to oyster beds and mussel farm	28	-	-	-	-
5135/3/1	River Alde and River Ore	Wildfowling	19	-	-	-	-
		Wildfowling	-	19	-	-	-
5135/5/1	River Alde and River Ore	Wildfowling	19	-	-	-	-
		Wildfowling	-	19	-	-	-
4952/10/1	Walberswick	Crabbing	3	-	-	-	-
		Crabbing	-	3	-	-	-
		Dog walking, playing and sitting on the beach	-	-	-	183	-
4952/11/1	Walberswick	Crabbing	3	-	-	-	-
		Crabbing	-	3	-	-	-
		Playing and sitting on the beach	-	-	-	57	-
4952/13/1	Walberswick	Crabbing	3	-	-	-	-
		Crabbing	-	3	-	-	-
		Playing	-	-	-	52	-
5115/2/1	Within the survey area	Going to oyster beds and mussel farm	3	-	-	-	-

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Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
5134/1/1	Across the survey area	Rescue duties	1	-	-	-	-
	Sizewell	Dog walking	-	-	-	36	-
	Thorpeness and Aldeburgh		-	-	-	-	68
5134/5/1	Across the survey area	Rescue duties	1	-	-	-	-
5134/5/2	Across the survey area	Rescue duties	1	-	-	-	-
5134/5/3	Across the survey area	Rescue duties	1	-	-	-	-
4821/1/1	River Blyth	Angling	-	52	-	-	-
	Sizewell		-	-	-	42	-
	Aldeburgh		-	-	-	-	21
4821/2/1	River Blyth	Angling	-	39	-	-	-
	Sizewell		-	-	-	12	-
	Aldeburgh		-	-	-	-	6
4821/3/1	River Blyth	Angling	-	39	-	-	-
	Sizewell		-	-	-	12	-
	Aldeburgh		-	-	-	-	6
5133/1/1	River Alde	Collecting samphire	-	2	-	-	-
	Across the survey area	Collecting sea kale	-	-	-	-	1
5123/2/1	Within the survey area	Cycling	-	-	1	-	-
		Dog walking	-	-	-	42	-
	Thorpeness		-	-	-	-	73
4845/1/1	Sizewell	Boat maintenance and dog walking	-	-	-	730	-
4820/1/1	Dunwich and Southwold	Walking, yoga and sitting on the beach	-	-	-	583	-
4968/1/1	Across the survey area	Undertaking beach warden duties	-	-	-	521	-
			-	-	-	-	261
4968/2/1	Across the survey area	Undertaking beach warden duties	-	-	-	521	-
			-	-	-	-	261

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Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
4968/3/1	Across the survey area	Undertaking beach warden duties	-	-	-	521	-
			-	-	-	-	261
4968/4/1	Across the survey area	Undertaking beach warden duties	-	-	-	521	-
			-	-	-	-	261
4928/1/1	Sizewell	Walking	-	-	-	417	-
4819/1/1	Southwold, Dunwich and Sizewell	Dog walking and sitting on the beach	-	-	-	374	-
4912/1/1	Dunwich and Sizewell	Dog walking	-	-	-	371	-
4828/1/1	Southwold, Dunwich and Sizewell	Dog walking	-	-	-	365	-
	Aldeburgh		-	-	-	-	12
4845/2/1	Sizewell	Dog walking	-	-	-	365	-
4895/1/1	Sizewell	Dog walking	-	-	-	365	-
4819/4/1	Southwold and Sizewell	Dog walking	-	-	-	313	-
5122/4/1	Sizewell	Dog walking	-	-	-	305	-
	Thorpeness		-	-	-	-	52
5123/1/1	Sizewell	Dog walking	-	-	-	292	-
	Thorpeness		-	-	-	-	73
4919/2/1	Sizewell	Dog walking and sitting on the beach	-	-	-	270	-
4919/3/1	Sizewell	Dog walking and sitting on the beach	-	-	-	270	-
4919/4/1	Sizewell	Dog walking and sitting on the beach	-	-	-	270	-
4919/5/1	Sizewell	Dog walking and sitting on the beach	-	-	-	270	-
4919/6/1	Sizewell	Dog walking and sitting on the beach	-	-	-	270	-
4962/1/1	Southwold	Dog walking	-	-	-	261	-
	Orford Ness		-	-	-	-	52
5122/3/1	Sizewell	Angling and dog walking	-	-	-	261	-
	Thorpeness	Dog walking	-	-	-	-	52

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Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
4805/1/1	Walberswick, Dunwich, Dunwich Heath and Sizewell	Walking	-	-	-	261	-
4818/1/1	Dunwich	Walking	-	-	-	261	-
4959/1/1	Sizewell	Playing	-	-	-	229	-
5124/1/1	Dunwich and Sizewell	Angling	-	-	-	209	-
	Thorpeness		-	-	-	-	104
5124/2/1	Dunwich and Sizewell	Angling	-	-	-	209	-
	Thorpeness		-	-	-	-	104
5124/3/1	Dunwich and Sizewell	Angling	-	-	-	209	-
	Thorpeness		-	-	-	-	104
4952/1/1	Walberswick and Dunwich	Walking and sitting on the beach	-	-	-	204	-
4952/9/1	Walberswick and Dunwich	Walking and sitting on the beach	-	-	-	204	-
5122/6/1	Sizewell	Dog walking	-	-	-	183	-
	Thorpeness		-	-	-	-	52
5122/7/1	Sizewell	Dog walking	-	-	-	183	-
	Thorpeness		-	-	-	-	52
4817/1/1	Dunwich	Walking and yoga	-	-	-	183	-
5125/1/1	Southwold, Walberswick and Sizewell	Dog walking	-	-	-	180	-
	Thorpeness		-	-	-	-	60
5125/2/1	Southwold, Walberswick and Sizewell	Dog walking	-	-	-	180	-
	Thorpeness		-	-	-	-	60
4929/1/1	Walberswick	Water sports preparation	-	-	-	180	-
	Walberswick, Dunwich and Sizewell	Dog walking	-	-	-		-
4939/2/1	Sizewell	Sitting on the beach	-	-	-	180	-
4783/1/1	Walberswick and Dunwich	Walking and sitting on the beach	-	-	-	176	-
4783/2/1	Walberswick and Dunwich	Walking and sitting on the beach	-	-	-	176	-

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Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
4838/1/1	Sizewell and Dunwich	Sitting on the beach	-	-	-	165	-
	Aldeburgh		-	-	-	-	9
4838/2/1	Sizewell and Dunwich	Sitting on the beach	-	-	-	165	-
	Aldeburgh		-	-	-	-	9
4831/3/1	Sizewell	Angling and playing	-	-	-	133	-
	Aldeburgh	Angling	-	-	-	-	108
4784/1/1	Walberswick	Sitting on the beach	-	-	-	124	-
4926/2/1	Sizewell	Playing	-	-	-	104	-
4826/1/1	Southwold and Sizewell	Dog walking	-	-	-	104	-
	Aldeburgh		-	-	-	-	52
4826/2/1	Southwold and Sizewell	Dog walking	-	-	-	105	-
	Aldeburgh	Dog walking	-	-	-	-	52
4797/1/1	Sizewell	Walking and sitting on the beach	-	-	-	104	-
4949/1/1	Sizewell	Dog walking	-	-	-	104	-
4949/2/1	Sizewell	Dog walking	-	-	-	104	-
5126/1/1	Dunwich and Sizewell	Angling	-	-	-	100	-
	Thorpeness and Aldeburgh	Angling	-	-	-	-	100
4945/1/1	Sizewell	Dog walking	-	-	-	98	-
4911/1/1	Sizewell	Dog walking and playing	-	-	-	96	-
4911/2/1	Sizewell	Dog walking and playing	-	-	-	96	-
4919/1/1	Sizewell	Sitting on the beach	-	-	-	87	-
4919/1/2	Sizewell	Sitting on the beach	-	-	-	87	-
4919/1/3	Sizewell	Sitting on the beach	-	-	-	87	-
4919/1/4	Sizewell	Sitting on the beach	-	-	-	87	-
4919/1/5	Sizewell	Sitting on the beach	-	-	-	87	-
4919/1/6	Sizewell	Sitting on the beach	-	-	-	87	-

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Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
4919/1/7	Sizewell	Sitting on the beach	-	-	-	87	-
4919/1/8	Sizewell	Sitting on the beach	-	-	-	87	-
4919/1/9	Sizewell	Sitting on the beach	-	-	-	87	-
4919/1/10	Sizewell	Sitting on the beach	-	-	-	87	-
5127/2/1	Sizewell	Dog walking and sitting on the beach	-	-	-	81	-
	Thorpeness and Aldeburgh		-	-	-	-	22
5128/1/1	Sizewell	Sitting on the beach	-	-	-	78	-
	Thorpeness and Aldeburgh		-	-	-	-	6
4830/1/1	Sizewell	Boat maintenance	-	-	-	78	-
4830/2/1	Sizewell	Boat maintenance	-	-	-	78	-
4830/3/1	Sizewell	Boat maintenance	-	-	-	78	-
4893/1/1	Sizewell	Boat maintenance	-	-	-	78	-
5127/1/1	Sizewell	Dog walking and sitting on the beach	-	-	-	75	-
	Thorpeness	Dog walking	-	-	-	-	16
4787/1/1	Across the survey area	Painting	-	-	-	72	-
4816/1/1	Southwold and Dunwich	Dog walking	-	-	-	72	-
4816/2/1	Southwold and Dunwich	Dog walking	-	-	-	72	-
4885/2/1	Orford Ness	Undertaking nature warden duties	-	-	-	70	-
4885/2/2	Orford Ness	Undertaking nature warden duties	-	-	-	70	-
4885/2/3	Orford Ness	Undertaking nature warden duties	-	-	-	70	-
4885/2/4	Orford Ness	Undertaking nature warden duties	-	-	-	70	-
4885/2/5	Orford Ness	Undertaking nature warden duties	-	-	-	70	-
4819/3/1	Dunwich	Sitting on the beach	-	-	-	61	-
5130/1/1	Sizewell	Dog walking	-	-	-	52	-
	Thorpeness and Aldeburgh		-	-	-	-	52
4790/1/1	Sizewell	Walking	-	-	-	52	-

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Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
4966/1/1	Sizewell	Angling	-	-	-	52	-
5126/2/1	Dunwich and Sizewell	Angling	-	-	-	50	-
	Thorpeness and Aldeburgh		-	-	-	-	50
5126/2/2	Dunwich and Sizewell	Angling	-	-	-	50	-
	Thorpeness and Aldeburgh		-	-	-	-	50
4831/1/1	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4831/1/2	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4831/1/3	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4831/1/4	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4831/1/5	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4831/1/6	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4831/1/7	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4831/2/1	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4831/2/2	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4831/2/3	Sizewell	Angling	-	-	-	48	-
	Aldeburgh		-	-	-	-	48
4786/1/1	Southwold and Dunwich	Angling	-	-	-	44	-

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Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
5131/1/1	Minsmere and Sizewell	Dog walking	-	-	-	43	-
	Thorpeness and Aldeburgh		-	-	-	-	72
4963/1/1	Southwold and Sizewell	Sitting on the beach	-	-	-	42	-
	Aldeburgh		-	-	-	-	6
4939/3/1	Sizewell	Dog walking	-	-	-	42	-
4910/1/1	Sizewell	Dog walking	-	-	-	39	-
4910/2/1	Sizewell	Dog walking	-	-	-	39	-
4944/1/1	Sizewell	Playing	-	-	-	30	-
	Aldeburgh	Angling	-	-	-	-	72
4944/5/1	Sizewell	Playing	-	-	-	30	-
4792/1/1	Sizewell	Walking	-	-	-	26	-
4795/1/1	Sizewell	Dog walking	-	-	-	26	-
4914/1/1	Sizewell	Walking	-	-	-	26	-
4831/4/1	Sizewell	Playing	-	-	-	25	-
4820/3/1	Southwold	Walking	-	-	-	24	-
5119/1/1	Sizewell	Working	-	-	-	21	-
5119/2/1	Sizewell	Attending beach school	-	-	-	21	-
5119/2/2	Sizewell	Attending beach school	-	-	-	21	-
5119/2/3	Sizewell	Attending beach school	-	-	-	21	-
5119/2/4	Sizewell	Attending beach school	-	-	-	21	-
5119/2/5	Sizewell	Attending beach school	-	-	-	21	-
5119/2/6	Sizewell	Attending beach school	-	-	-	21	-
5119/2/7	Sizewell	Attending beach school	-	-	-	21	-
5119/2/8	Sizewell	Attending beach school	-	-	-	21	-
5119/2/9	Sizewell	Attending beach school	-	-	-	21	-
5119/2/10	Sizewell	Attending beach school	-	-	-	21	-

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Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
4967/1/1	Dunwich and Sizewell	Dog walking	-	-	-	20	-
	Aldeburgh		-	-	-	-	8
4967/2/1	Dunwich and Sizewell	Dog walking	-	-	-	20	-
	Aldeburgh		-	-	-	-	8
4798/1/1	Dunwich	Angling	-	-	-	18	-
4798/2/1	Dunwich	Angling	-	-	-	18	-
4939/1/1	Sizewell	Sitting on the beach	-	-	-	17	-
4824/1/1	Sizewell	Walking	-	-	-	15	-
	Aldeburgh		-	-	-	-	15
4824/2/1	Sizewell	Walking	-	-	-	15	-
	Aldeburgh		-	-	-	-	15
5132/1/1	Dunwich and Sizewell	Playing	-	-	-	15	-
	Thorpeness and Aldeburgh		-	-	-	-	15
5132/2/1	Dunwich and Sizewell	Playing	-	-	-	15	-
	Thorpeness and Aldeburgh		-	-	-	-	15
4819/2/1	Dunwich	Sitting on the beach	-	-	-	10	-
4819/2/1	Dunwich	Yoga	-	-	-	10	-
4820/2/2	Dunwich	Yoga	-	-	-	10	-
4820/2/3	Dunwich	Yoga	-	-	-	10	-
4820/2/4	Dunwich	Yoga	-	-	-	10	-
4820/2/5	Dunwich	Yoga	-	-	-	10	-
4820/2/6	Dunwich	Yoga	-	-	-	10	-
4820/2/7	Dunwich	Yoga	-	-	-	10	-
4820/2/8	Dunwich	Yoga	-	-	-	10	-
4820/2/9	Dunwich	Yoga	-	-	-	10	-
4820/2/10	Dunwich	Yoga	-	-	-	10	-

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Person ID number	Location	Activity	Mud	Salt marsh	Sand	Sand and stones	Stones
4924/1/1	Sizewell	Walking	-	-	-	6	-
4924/2/1	Sizewell	Walking	-	-	-	6	-
4962/2/1	Orford Ness	Dog walking	-	-	-	-	704
	Aldeburgh	Yoga and sitting on the beach	-	-	-	-	
4883/1/1	Aldeburgh	Boat maintenance including fixing pots and nets	-	-	-	-	605
4883/2/1	Aldeburgh	Boat maintenance	-	-	-	-	448
5129/1/1	Thorpeness and Aldeburgh	Dog walking	-	-	-	-	130
5129/2/1	Thorpeness and Aldeburgh	Dog walking	-	-	-	-	130
4843/1/1	Aldeburgh	Sitting on the beach	-	-	-	-	122
4889/1/1	Aldeburgh	Dog walking	-	-	-	-	78
4889/2/1	Aldeburgh	Dog walking	-	-	-	-	78
4891/1/1	Aldeburgh	Walking	-	-	-	-	78
4944/2/1	Aldeburgh	Angling	-	-	-	-	72
5130/2/1	Thorpeness and Aldeburgh	Dog walking	-	-	-	-	52
4927/1/1	Aldeburgh	Sitting on the beach	-	-	-	-	26
4927/2/1	Aldeburgh	Sitting on the beach	-	-	-	-	26
4927/3/1	Aldeburgh	Sitting on the beach	-	-	-	-	26
4927/4/1	Aldeburgh	Sitting on the beach	-	-	-	-	26
4927/5/1	Aldeburgh	Sitting on the beach	-	-	-	-	26
4927/6/1	Aldeburgh	Sitting on the beach	-	-	-	-	26
4927/7/1	Aldeburgh	Sitting on the beach	-	-	-	-	26
4890/1/1	Aldeburgh	Playing	-	-	-	-	24
4890/2/1	Aldeburgh	Playing	-	-	-	-	24

Notes for Table 36

Emboldened observations are the high-rate individuals

The mean intertidal occupancy rate over mud for adults based on 5 high-rate observations is 119 h y⁻¹

The observed 97.5th percentile rate based on 16 observations is 183 h y⁻¹

The mean intertidal occupancy rate over salt marsh for adults based on 6 high-rate observations is 31 h y⁻¹

The observed 97.5th percentile rate based on 10 observations is 49 h y⁻¹

The mean intertidal occupancy rate over sand for adults based on the high-rate observation is 1 h y⁻¹

The observed 97.5th percentile is not applicable for 1 observation

The mean intertidal occupancy rate over sand and stones for adults based on 24 high-rate observations is 373 h y⁻¹

The observed 97.5th percentile rate based on 150 observations is 521 h y⁻¹

The mean intertidal occupancy rate over stones for adults based on 7 high-rate observations is 400 h y⁻¹

The observed 97.5th percentile rate based on 76 observations is 468 h y⁻¹

Table 37. Children's intertidal occupancy rates in the Sizewell aquatic survey area (h y⁻¹)

Person ID number	Location	Activity	Mud	Salt marsh	Sand and stones	Stones
4952/14/1	Walberswick	Crabbing	3	-	-	-
			-	3	-	-
		Playing	-	-	52	-
4952/15/1	Walberswick	Crabbing	3	-	-	-
			-	3	-	-
		Playing	-	-	52	-
4952/16/1	Walberswick	Crabbing	3	-	-	-
			-	3	-	-
		Playing	-	-	39	-
4952/17/1	Walberswick	Crabbing	3	-	-	-
			-	3	-	-
		Playing	-	-	39	-
5122/5/1	Sizewell	Dog walking	-	-	183	-
	Thorpeness		-	-	-	52
4926/5/1	Sizewell	Playing	-	-	39	-
4944/3/1	Sizewell	Playing	-	-	30	-
4831/5/1	Sizewell	Playing	-	-	25	-
5132/3/1	Dunwich, Sizewell and Thorpeness	Playing	-	-	15	-
	Thorpeness and Aldeburgh		-	-	-	15
4890/5/1	Aldeburgh	Playing	-	-	-	24

Notes

Emboldened observations are the high-rate individuals

The mean intertidal occupancy rate over mud for the child age group based on 4 high-rate observations is 3 h y⁻¹

The observed 97.5th percentile rate based on 4 observations is 3 h y⁻¹

The mean intertidal occupancy rate over salt marsh for the child age group based on 4 high-rate observations is 3 h y⁻¹

The observed 97.5th percentile rate based on 4 observations is 3 h y⁻¹

The mean intertidal occupancy rate over sand and stones for the child age group based on the high-rate observation is 183 h y⁻¹

The observed 97.5th percentile rate based on 9 observations is 157 h y⁻¹

The mean intertidal occupancy rate over stones for the child age group based on 2 high-rate observations is 38 h y⁻¹

The observed 97.5th percentile rate based on 3 observations is 51 h y⁻¹

Table 38. Infants' intertidal occupancy rates in the Sizewell aquatic survey area (h y⁻¹)

Person ID number	Location	Activity	Sand and stones	Stones
4959/3/1	Sizewell	Playing	229	-
4959/2/1	Sizewell	Playing	137	-
4831/6/1	Sizewell	Playing	25	-
4926/3/1	Sizewell	Playing	39	-
4926/4/1	Sizewell	Playing	39	-
4944/4/1	Sizewell	Playing	30	-
5132/4/1	Dunwich and Sizewell	Playing	15	-
	Thorpeness and Aldeburgh		-	15
5132/5/1	Dunwich and Sizewell	Playing	15	-
	Thorpeness and Aldeburgh		-	15
4890/3/1	Aldeburgh	Playing	-	24
4890/4/1	Aldeburgh	Playing	-	24

Notes

Emboldened observations are the high-rate individuals

The mean intertidal occupancy rate over sand and stones for the infant age group based on 2 high-rate observations is 183 h y⁻¹

The observed 97.5th percentile rate based on 8 observations is 212 h y⁻¹

The mean intertidal occupancy rate over stones for the infant age group based on 4 high-rate observations is 20 h y⁻¹

The observed 97.5th percentile rate based on 4 observations is 24 h y⁻¹

Table 39. Gamma dose rate measurements over intertidal substrates in the Sizewell aquatic survey area ($\mu\text{Gy h}^{-1}$)

Location	National Grid Reference	Substrate	Gamma dose rate at 1 metre ^a
Southwold Beach	TM 506 747	Sand and stones	0.064
Walberswick Beach	TM 502 747	Sand and stones	0.053
Walberswick side of Southwold Harbour	TM 498 751	Mud	0.075
Walberswick	TM 501 747	Salt marsh	0.069
Dunwich Beach	TM 480 708	Stones	0.052
Sizewell Beach	TM 476 629	Stones	0.052
Sizewell Beach	TM 476 627	Sand	0.048
Thorpeness Beach	TM 473 594	Stones	0.047
Aldeburgh North Beach	TM 466 569	Stones	0.052
Aldeburgh Beach	TM 467 574	Sand and stones	0.054
Orford	TM 425 495	Mud and stones	0.064
Slaughden	TM 464 554	Stones	0.053

Notes

^a These measurements have not been adjusted for background dose rates

Table 40. Adults' handling rates of fishing gear and sediment in the Sizewell aquatic survey area (h y⁻¹)

Person ID number	Location	Activity	Fishing gear	Sediment
5115/1/1	Between Aldeburgh and North Weir	Handling pots, nets and lines	2427	-
	Within the survey area	Handling oyster dredges and mussel ropes		
5114/1/1	Across the survey area	Handling nets and lines	2150	-
5115/2/1	Within the survey area	Handling oyster dredges and mussel ropes	1825	-
5132/1/1	Dunwich To Orford Ness	Handling pots, nets and lines	1724	-
4822/1/1	Across the survey area	Handling nets	1680	-
4930/1/1	Off Sizewell and Southwold Harbour	Handling pots, nets and lines	1616	-
4930/2/1	Off Sizewell and Southwold Harbour	Handling pots and nets	1616	-
4883/1/1	Off Aldeburgh and Aldeburgh Beach	Handling pots and nets	1296	-
4883/2/1	Off Aldeburgh	Handling pots and nets	1177	-
4957/1/1	Off Orford Ness	Handling pots and nets	1151	-
5117/2/1	Off Southwold	Handling nets	300	-
	River Alde at Slaughden	Fixing moorings	-	587
4830/1/1	Off Sizewell	Handling pots and lines	235	-
4830/2/1	Off Sizewell	Handling pots and lines	235	-
4830/3/1	Off Sizewell	Handling pots and lines	235	-
4958/1/1	Around Havergate Island	Handling pots	39	-
	Orford and River Ore	Rescue duties, checking moorings and fixing moorings	-	52
4893/1/1	Sizewell	Handling pots	20	-
4890/1/1	Orford	Handling crab lines	16	-
4890/2/1	Orford	Handling crab lines	16	-
4952/10/1	Walberswick	Handling crab lines	3	-
4952/11/1	Walberswick	Handling crab lines	3	-
4952/13/1	Walberswick	Handling crab lines	3	-
5135/1/1	River Alde at Slaughden, River Alde and River Ore	Fixing moorings, launching boats and wildfowling	-	1511
	River Alde and River Ore	Wildfowling		
5135/6/1	River Alde at Slaughden	Fixing moorings and launching boats	-	1474
5117/1/1	River Alde at Slaughden	Fixing moorings	-	587
5135/7/1	River Alde at Slaughden	Fixing moorings	-	434
5135/8/1	River Alde at Slaughden	Fixing moorings	-	434

Person ID number	Location	Activity	Fishing gear	Sediment
5135/9/1	River Alde at Slaughden	Fixing moorings	-	434
5134/1/1	River Alde at Slaughden	Fixing moorings	-	365
5134/2/1	River Alde at Slaughden	Fixing moorings	-	365
5134/3/1	River Alde at Slaughden	Fixing moorings	-	365
5135/3/1	River Alde	Wildfowling	-	37
5135/5/1	River Alde	Wildfowling	-	37

Notes

The emboldened observations are the high-rate individuals

The mean handling rate of fishing gear for adults based on 10 high-rate observations is 1666 h y⁻¹

The observed 97.5th percentile rate based on 21 observations is 2288 h y⁻¹

The mean handling rate of sediments for adults based on 4 high-rate observations is 1040 h y⁻¹

The observed 97.5th percentile rate based on 13 observations is 1500 h y⁻¹

Table 41. Children's handling rates of fishing gear in the Sizewell aquatic survey area (h y⁻¹)

Person ID number	Location	Activity	Fishing gear
4890/5/1	Orford	Handling crab lines	16
4952/14/1	Walberswick	Handling crab lines	3
4952/15/1	Walberswick	Handling crab lines	3
4952/16/1	Walberswick	Handling crab lines	3
4952/17/1	Walberswick	Handling crab lines	3

Notes

The emboldened observation is the high-rate individual

The mean handling rate of fishing gear for the child age group based on the high-rate observation is 16 h y⁻¹

The observed 97.5th percentile rate based on 5 observations is 15 h y⁻¹

Table 42. Infants' handling rates of fishing gear in the Sizewell aquatic survey area (h y⁻¹)

Person ID number	Location	Activity	Fishing gear
4890/3/1	Orford	Handling crab lines	16
4890/4/1	Orford	Handling crab lines	16

Notes

The emboldened observations are the high-rate individuals

The mean handling rate of fishing gear for the child age group based on 2 high-rate observations is 16 h y⁻¹

The observed 97.5th percentile rate based on 2 observations is 16 h y⁻¹

Table 43. Adults' occupancy rates in and on water in the Sizewell aquatic survey area (h y⁻¹)

Person ID number	Location	Activity	In water	On water
4929/1/1	Within the survey area	Undertaking watersports	192	-
4805/1/1	Dunwich	Swimming	99	-
4818/1/1	Dunwich and River Blyth	Swimming and undertaking watersports	85	-
4819/1/1	Dunwich	Swimming	75	-
	River Alde	Sailing	-	30
4819/3/1	Dunwich	Swimming	75	-
4817/1/1	Dunwich	Swimming	73	-
4952/11/1	Walberswick	Swimming	70	-
	River Blyth	Rowing	-	156
4843/1/1	Aldeburgh	Swimming	67	-
4820/1/1	Dunwich	Swimming	63	-
4914/1/1	Sizewell	Swimming	61	-
5128/1/1	Sizewell, Thorpeness and Aldeburgh	Sub-aqua diving and swimming	54	-
4939/2/1	Sizewell	Swimming	39	-
4838/1/1	Dunwich Sizewell and Aldeburgh	Swimming	36	-
4838/2/1	Dunwich Sizewell and Aldeburgh	Swimming	36	-
4952/10/1	Walberswick	Swimming	35	-
	River Blyth	Rowing	-	156
4797/1/1	Sizewell	Swimming	35	-
4923/1/1	Sizewell	Swimming	33	-
4784/1/1	Walberswick	Swimming	31	-
4919/1/1	Sizewell	Swimming	28	-
4919/1/2	Sizewell	Swimming	28	-

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Person ID number	Location	Activity	In water	On water
4919/1/3	Sizewell	Swimming	28	-
4919/1/4	Sizewell	Swimming	28	-
4919/1/5	Sizewell	Swimming	28	-
4919/1/6	Sizewell	Swimming	28	-
4919/1/7	Sizewell	Swimming	28	-
4919/1/8	Sizewell	Swimming	28	-
4919/1/9	Sizewell	Swimming	28	-
4919/1/10	Sizewell	Swimming	28	-
4919/2/1	Sizewell	Swimming	28	-
4919/3/1	Sizewell	Swimming	28	-
4919/4/1	Sizewell	Swimming	28	-
4919/5/1	Sizewell	Swimming	28	-
4919/6/1	Sizewell	Swimming	28	-
4926/2/1	Sizewell	Swimming	26	-
4927/1/1	Aldeburgh	Swimming	26	-
4927/2/1	Aldeburgh	Swimming	26	-
4927/3/1	Aldeburgh	Swimming	26	-
4927/4/1	Aldeburgh	Swimming	26	-
4927/5/1	Aldeburgh	Swimming	26	-
4927/6/1	Aldeburgh	Swimming	26	-
4927/7/1	Aldeburgh	Swimming	26	-
4831/3/1	Sizewell	Swimming	25	-
	River Alde	Boat angling	-	110
4831/4/1	Sizewell	Swimming	25	-
4783/1/1	Walberswick	Swimming	20	-
4783/2/1	Walberswick	Swimming	20	-
4963/1/1	Southwold, Sizewell and Aldeburgh	Swimming	16	-
4826/1/1	Southwold and Sizewell	Swimming	13	-
4826/2/1	Southwold and Sizewell	Swimming	13	-
4952/1/1	Walberswick	Swimming	12	-
	Southwold Harbour and River Blyth	Working on a boat and rowing	-	1199
4952/9/1	Walberswick	Swimming	12	-
	Southwold Harbour	Working on a boat	-	209
5127/2/1	Sizewell and Aldeburgh	Swimming	11	-
5129/1/1	Havergate Island (River Ore)	Swimming	11	-
5129/2/1	Havergate Island (River Ore)	Swimming	11	-
4939/1/1	Sizewell	Swimming	4	-
4910/1/1	Sizewell	Swimming	3	-
4910/2/1	Sizewell	Swimming	3	-

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Person ID number	Location	Activity	In water	On water
5134/1/1	Across the survey area	Rescue duties	1	-
	River Alde at Slaughden and across the survey area	Fixing moorings, launching boats and rescue duties	-	622
5134/4/1	Across the survey area	Rescue duties	1	-
			-	257
5134/4/2	Across the survey area	Rescue duties	1	-
			-	257
5134/4/3	Across the survey area	Rescue duties	1	-
			-	257
5134/4/4	Across the survey area	Rescue duties	1	-
			-	257
5134/5/1	Across the survey area	Rescue duties	1	-
			-	257
5134/5/2	Across the survey area	Rescue duties	1	-
			-	257
5134/5/3	Across the survey area	Rescue duties	1	-
			-	257
4955/1/1	Within the survey area	Living on a boat and pleasure cruising	-	7662
5114/1/1	Across the survey area	Netting, long lining and boat maintenance	-	4013
5132/1/1	Dunwich To Orford Ness and Southwold Harbour	Potting, netting, long lining and boat maintenance	-	3472
5115/1/1	Between Aldeburgh and North Weir, and within the aquatic survey area	Potting, netting, long lining, oyster farming and mussel farming	-	2788
4930/1/1	Offshore of Sizewell and Southwold Harbour	Potting, netting, boat maintenance and fixing pots and nets	-	2346
4930/2/1	Offshore of Sizewell and Southwold Harbour	Potting, netting, boat maintenance and fixing pots and nets	-	2346
4885/1/1	River Ore, Orford Ness and River Alde	Working on a boat, sailing and boat angling	-	2286
4822/1/1	Across the survey area	Netting and boat maintenance	-	2160
5115/2/1	Within the survey area	Oyster and mussel farming	-	2086
5117/2/1	River Alde at Slaughden, Off Southwold and Southwold Harbour	Fixing moorings, netting and boat maintenance	-	2055
4957/1/1	Offshore of Orford Ness and River Alde at Slaughden	Potting, netting and boat maintenance	-	1989

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Person ID number	Location	Activity	In water	On water
4891/1/1	Orford, Offshore of Orford Ness, River Alde and River Ore	Working on a boat	-	1786
4958/1/1	Around Havergate Island, Orford, River Alde, River Alde at Slaughden and River Ore	Potting, checking and fixing moorings	-	1330
5135/1/1	River Alde at Slaughden	Fixing moorings	-	1303
5135/6/1	River Alde at Slaughden	Fixing moorings	-	1303
4883/1/1	Offshore of Aldeburgh	Potting and netting	-	1303
4883/2/1	Offshore of Aldeburgh	Potting and netting	-	1303
5129/3/1	River Alde between Orford and Snape Maltings, from Orford around Havergate Island on River Alde	Working on a boat	-	1050
5129/3/2	River Alde between Orford and Snape Maltings, from Orford around Havergate Island on River Alde	Working on a boat	-	1050
5129/3/3	River Alde between Orford and Snape Maltings, from Orford around Havergate Island on River Alde	Working on a boat	-	1050
5129/3/4	River Alde between Orford and Snape Maltings, from Orford around Havergate Island on River Alde	Working on a boat	-	1050
4952/2/1	Southwold Harbour	Working on a boat	-	1043
4941/1/1	River Alde at Slaughden, River Alde and Off Orford Ness	Working on a boat and sailing	-	942
4941/1/2	River Alde at Slaughden, River Alde and Off Orford Ness	Working on a boat and sailing	-	942
4941/1/3	River Alde at Slaughden, River Alde and Off Orford Ness	Working on a boat and sailing	-	942
4969/1/1	Across the survey area, River Ore, Orford, Orford Ness and River Alde	Teaching sailing and teaching powerboating	-	924
4969/3/1	Across the survey area, River Ore, Orford, Orford Ness and River Alde	Teaching sailing and teaching powerboating	-	924
4969/2/1	Across the survey area, River Ore, Orford, Orford Ness and River Alde	Teaching sailing and teaching powerboating	-	924
4891/2/1	Orford, Orford Ness, River Alde and River Ore	Working on a boat	-	893
4891/2/2	Orford, Orford Ness, River Alde and River Ore	Working on a boat	-	893
4891/3/1	Orford, Orford Ness, River Alde and River Ore	Working on a boat	-	893

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Person ID number	Location	Activity	In water	On water
4891/3/2	Orford, Orford Ness, River Alde and River Ore	Working on a boat	-	893
4969/4/1	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/4/2	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/4/3	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/4/4	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/4/5	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/4/6	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/4/7	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/5/1	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/5/2	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/5/3	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/5/4	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/5/5	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/5/6	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4969/5/7	River Ore, River Alde, Orford Ness and Orford	Sailing	-	714
4952/3/1	Southwold Harbour	Working on a boat	-	626
4952/4/1	Southwold Harbour	Working on a boat	-	626
5117/1/1	River Alde at Slaughden	Fixing moorings	-	522
5135/7/1	River Alde at Slaughden	Fixing moorings	-	434
5135/8/1	River Alde at Slaughden	Fixing moorings	-	434
5135/9/1	River Alde at Slaughden	Fixing moorings	-	434
5134/2/1	River Alde at Slaughden	Fixing moorings	-	365
5134/3/1	River Alde at Slaughden	Fixing moorings	-	365
4952/6/1	Southwold Harbour	Working on a boat	-	250
4952/7/1	Southwold Harbour	Working on a boat	-	250

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Person ID number	Location	Activity	In water	On water
4952/8/1	Southwold Harbour	Working on a boat	-	250
4830/1/1	Offshore of Sizewell	Potting and long lining	-	235
4830/2/1	Offshore of Sizewell	Potting and long lining	-	235
4830/3/1	Offshore of Sizewell	Potting and long lining	-	235
4952/5/1	Southwold Harbour	Working on a boat	-	209
4968/1/1	Across the survey area	Working on a boat	-	209
4968/2/1	Across the survey area	Working on a boat	-	209
4968/3/1	Across the survey area	Working on a boat	-	209
4968/4/1	Across the survey area	Working on a boat	-	209
4947/4/1	River Blyth	Working on a boat	-	176
4947/4/2	River Blyth	Working on a boat	-	176
4947/5/1	River Blyth	Working on a boat	-	176
4947/5/2	River Blyth	Working on a boat	-	176
4947/6/1	River Blyth	Working on a boat	-	176
4947/6/2	River Blyth	Working on a boat	-	176
4952/12/1	River Blyth	Rowing	-	156
4952/12/2	River Blyth	Rowing	-	156
4952/12/3	River Blyth	Rowing	-	156
4952/12/4	River Blyth	Rowing	-	156
4947/3/1	River Blyth	Working on a boat	-	141
4941/3/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/4/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/5/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/6/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/7/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/8/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/9/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/10/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/11/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/12/1	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131

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Person ID number	Location	Activity	In water	On water
4941/12/2	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/12/3	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/12/4	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/12/5	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/12/6	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/12/7	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/12/8	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/12/9	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
4941/12/10	Offshore of Orford Ness, River Alde and River Alde at Slaughden	Sailing	-	131
5133/1/1	River Alde	Boat angling	-	105
5133/2/1	River Alde	Boat angling	-	105
5135/3/1	River Alde	Boat angling	-	104
4947/1/1	River Blyth	Working on a boat	-	65
4956/1/1	Southwold Harbour and across the survey area	Boat maintenance and pleasure cruising	-	52
4893/1/1	Sizewell	Potting	-	39
4819/4/1	River Alde	Sailing	-	30
4947/2/1	River Blyth	Working on a boat	-	11
4944/1/1	Sizewell	Paddling	-	10
4944/5/1	Sizewell	Paddling	-	10

Table 44. Children's occupancy rates in and on water in the Sizewell aquatic survey area (h y⁻¹)

Person ID number	Location	Activity	In water	On water
4926/5/1	Sizewell	Swimming	26	-
4831/5/1	Sizewell	Swimming	25	-
4969/6/1	River Ore, River Alde, Orford and Orford Ness	Sailing	-	714
4969/7/1	River Ore, River Alde, Orford and Orford Ness	Sailing	-	714
4969/9/1	River Ore, River Alde, Orford and Orford Ness	Sailing	-	714
4969/10/1	River Ore, River Alde, Orford and Orford Ness	Sailing	-	714
4969/11/1	River Ore, River Alde, Orford and Orford Ness	Sailing	-	714
4969/12/1	River Ore, River Alde, Orford and Orford Ness	Sailing	-	714
4969/13/1	River Ore, River Alde, Orford and Orford Ness	Sailing	-	714
4969/8/1	River Ore, River Alde, Orford and Orford Ness	Sailing	-	714
4941/2/1	River Alde at Slaughden, River Alde, River Ore and Off Orford Ness	Sailing	-	131
4944/3/1	Sizewell	Paddling	-	10

Table 45. Infants' occupancy rates on water in the Sizewell aquatic survey area (h y⁻¹)

Person ID number	Location	Activity	On water
4926/3/1	Sizewell	Paddling	26
4926/4/1	Sizewell	Paddling	26
4831/6/1	Sizewell	Paddling	25
4944/4/1	Sizewell	Paddling	10

Table 46. Adults' consumption rates of green vegetables from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Asparagus	Broccoli	Brussels sprout	Cabbage	Calabrese	Cauliflower	Chard	Courgette	Cucumber	Herbs	Kale	Lettuce	Marrow	Spinach	Total
4834/1/1	-	-	34.1	8.5	13.6	10.2	-	9.2	-	-	-	-	-	-	75.6
4834/2/1	-	-	34.1	8.5	13.6	10.2	-	9.2	-	-	-	-	-	-	75.6
4924/1/1	-	10.2	6.8	10.0	-	-	-	3.0	6.4	-	-	-	-	-	36.4
4924/2/1	-	10.2	6.8	10.0	-	-	-	3.0	6.4	-	-	-	-	-	36.4
4837/1/1	-	5.4	7.3	10.2	-	2.7	-	-	8.0	-	-	-	-	-	33.6
4927/1/1	1.9	-	-	5.6	-	1.7	-	-	20.0	-	-	-	-	-	29.2
4948/1/1	-	20.7	-	3.4	-	-	-	4.4	-	-	-	0.1	-	-	28.6
4928/1/1	-	-	-	-	-	-	-	11.0	10.0	-	-	-	3.6	-	24.6
4928/2/1	-	-	-	-	-	-	-	11.0	10.0	-	-	-	3.6	-	24.6
4950/1/1	1.1	2.2	-	4.1	6.5	-	3.1	5.9	1.0	-	-	-	-	0.5	24.3
4950/2/1	1.1	2.2	-	4.1	6.5	-	3.1	5.9	1.0	-	-	-	-	0.5	24.3
5127/1/1	-	-	-	-	-	-	-	3.7	3.4	-	6.8	2.0	-	-	15.9
5127/2/1	-	-	-	-	-	-	-	3.7	3.4	-	6.8	2.0	-	-	15.9
4926/1/1	-	-	3.5	-	-	-	-	7.2	2.6	-	-	-	-	-	13.3
4926/2/1	-	-	3.5	-	-	-	-	7.2	2.6	-	-	-	-	-	13.3
4954/1/1	-	4.1	-	-	-	-	-	-	2.7	-	5.5	-	-	-	12.2
4954/2/1	-	4.1	-	-	-	-	-	-	2.7	-	5.5	-	-	-	12.2
5123/1/1	-	3.4	4.6	-	-	1.7	-	-	-	-	-	2.0	-	-	11.7
5123/2/1	-	3.4	4.6	-	-	1.7	-	-	-	-	-	2.0	-	-	11.7
4814/1/1	-	-	-	-	-	-	-	9.6	-	-	-	1.6	-	-	11.2
4814/2/1	-	-	-	-	-	-	-	9.6	-	-	-	1.6	-	-	11.2
4803/1/1	-	3.6	-	1.8	-	-	-	2.7	2.1	0.05	-	0.8	-	-	11.1
4803/2/1	-	3.6	-	1.8	-	-	-	2.7	2.1	0.05	-	0.8	-	-	11.1
4803/3/1	-	3.6	-	1.8	-	-	-	2.7	2.1	0.05	-	0.8	-	-	11.1
4961/1/1	1.7	-	-	1.1	-	0.9	-	2.1	1.7	-	-	0.5	-	2.9	10.9
4961/2/1	1.7	-	-	1.1	-	0.9	-	2.1	1.7	-	-	0.5	-	2.9	10.9
4961/3/1	1.7	-	-	1.1	-	0.9	-	2.1	1.7	-	-	0.5	-	2.9	10.9
4961/4/1	1.7	-	-	1.1	-	0.9	-	2.1	1.7	-	-	0.5	-	2.9	10.9
4804/1/1	-	2.0	-	2.6	-	2.0	-	-	3.6	-	-	0.6	-	-	10.8
4804/2/1	-	2.0	-	2.6	-	2.0	-	-	3.6	-	-	0.6	-	-	10.8
4939/1/1	-	-	-	-	-	-	-	5.0	5.3	-	-	0.2	-	-	10.5
4939/2/1	-	-	-	-	-	-	-	5.0	5.3	-	-	0.2	-	-	10.5
4939/3/1	-	-	-	-	-	-	-	5.0	5.3	-	-	0.2	-	-	10.5
4949/1/1	0.3	-	3.4	-	2.6	2.6	-	1.5	-	-	-	-	-	-	10.3
4949/2/1	0.3	-	3.4	-	2.6	2.6	-	1.5	-	-	-	-	-	-	10.3
4788/1/1	-	5.2	-	-	-	-	-	-	-	-	-	2.4	-	-	7.6
4927/2/1	0.5	-	-	1.4	-	0.4	-	-	5.0	-	-	-	-	-	7.3

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Person ID number	Asparagus	Broccoli	Brussels sprout	Cabbage	Calabrese	Cauliflower	Chard	Courgette	Cucumber	Herbs	Kale	Lettuce	Marrow	Spinach	Total
4927/3/1	0.5	-	-	1.4	-	0.4	-	-	5.0	-	-	-	-	-	7.3
4927/4/1	0.5	-	-	1.4	-	0.4	-	-	5.0	-	-	-	-	-	7.3
4927/5/1	0.5	-	-	1.4	-	0.4	-	-	5.0	-	-	-	-	-	7.3
4927/6/1	0.5	-	-	1.4	-	0.4	-	-	5.0	-	-	-	-	-	7.3
4927/7/1	0.5	-	-	1.4	-	0.4	-	-	5.0	-	-	-	-	-	7.3
4810/1/1	-	-	-	0.9	-	-	-	-	5.0	-	-	-	-	-	5.9
4810/2/1	-	-	-	0.9	-	-	-	-	5.0	-	-	-	-	-	5.9
4799/1/1	1.1	1.8	-	-	-	-	-	1.4	-	-	-	-	1.3	-	5.5
4799/2/1	1.1	1.8	-	-	-	-	-	1.4	-	-	-	-	1.3	-	5.5
4799/3/1	1.1	1.8	-	-	-	-	-	1.4	-	-	-	-	1.3	-	5.5
4799/4/1	1.1	1.8	-	-	-	-	-	1.4	-	-	-	-	1.3	-	5.5
4925/1/1	-	-	-	2.5	-	-	-	-	-	-	-	2.5	-	-	5.0
4925/2/1	-	-	-	2.5	-	-	-	-	-	-	-	2.5	-	-	5.0
4925/3/1	-	-	-	2.5	-	-	-	-	-	-	-	2.5	-	-	5.0
4925/4/1	-	-	-	2.5	-	-	-	-	-	-	-	2.5	-	-	5.0
4924/3/1	-	1.3	0.9	1.3	-	-	-	0.4	0.8	-	-	-	-	-	4.6
4924/4/1	-	1.3	0.9	1.3	-	-	-	0.4	0.8	-	-	-	-	-	4.6
4924/5/1	-	1.3	0.9	1.3	-	-	-	0.4	0.8	-	-	-	-	-	4.6
4924/6/1	-	1.3	0.9	1.3	-	-	-	0.4	0.8	-	-	-	-	-	4.6
4924/7/1	-	1.3	0.9	1.3	-	-	-	0.4	0.8	-	-	-	-	-	4.6
4800/1/1	0.8	1.9	-	-	-	-	-	-	-	-	-	0.6	-	-	3.3
4800/2/1	0.8	1.9	-	-	-	-	-	-	-	-	-	0.6	-	-	3.3
4950/3/1	0.1	0.3	-	0.5	0.8	-	0.4	0.7	0.1	-	-	-	-	0.1	3.0
4950/4/1	0.1	0.3	-	0.5	0.8	-	0.4	0.7	0.1	-	-	-	-	0.1	3.0
4914/1/1	-	-	-	-	-	-	-	-	-	-	-	1.8	-	1.0	2.8
4914/2/1	-	-	-	-	-	-	-	-	-	-	-	1.8	-	1.0	2.8
4900/1/1	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7
4900/2/1	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7
4900/3/1	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7
4954/3/1	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	2.7
4954/4/1	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	2.7
4954/5/1	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	2.7
4954/6/1	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	2.7
4949/3/1	0.1	-	0.9	-	0.6	0.6	-	0.4	-	-	-	-	-	-	2.6
4949/4/1	0.1	-	0.9	-	0.6	0.6	-	0.4	-	-	-	-	-	-	2.6
4801/1/1	-	1.7	-	-	-	0.7	-	-	-	-	-	-	-	-	2.4
4829/1/1	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	2.0
4828/1/1	-	-	-	-	-	-	-	-	-	-	-	1.3	-	-	1.3

Notes for Table 46

The emboldened observations are the high-rate consumers

The mean consumption rate of green vegetables for adults based on the 7 high-rate consumers is 45.1 kg y⁻¹

The observed 97.5th percentile rate based on 75 observations is 42.3 kg⁻¹

Table 47. Adults' consumption rates of other vegetables from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Aubergine	Broad bean	Chilli pepper	French bean	Mangetout	Pea	Pepper	Pumpkin	Runner bean	Squash	Sweetcorn	Tomato	Total
4814/1/1	-	-	-	-	-	-	-	-	-	-	-	90.0	90.0
4814/2/1	-	-	-	-	-	-	-	-	-	-	-	90.0	90.0
4810/1/1	-	-	-	-	-	-	-	-	1.1	30.0	-	34.0	65.2
4810/2/1	-	-	-	-	-	-	-	-	1.1	30.0	-	34.0	65.2
4950/1/1	-	-	0.4	21.8	-	-	7.2	-	4.1	1.5	6.4	10.8	52.1
4950/2/1	-	-	0.4	21.8	-	-	7.2	-	4.1	1.5	6.4	10.8	52.1
4928/1/1	-	-	-	-	-	3.5	4.9	-	17.8	-	-	20.0	46.2
4928/2/1	-	-	-	-	-	3.5	4.9	-	17.8	-	-	20.0	46.2
4833/1/1	-	3.5	-	20.4	-	-	-	-	6.9	-	-	9.7	40.5
4833/2/1	-	3.5	-	20.4	-	-	-	-	6.9	-	-	9.7	40.5
5123/1/1	-	-	-	-	-	-	-	-	3.8	-	-	34.2	38.0
5123/2/1	-	-	-	-	-	-	-	-	3.8	-	-	34.2	38.0
4961/1/1	-	9.3	0.4	-	-	-	0.6	3.8	2.9	8.5	0.4	3.1	29.0
4961/2/1	-	9.3	0.4	-	-	-	0.6	3.8	2.9	8.5	0.4	3.1	29.0
4961/3/1	-	9.3	0.4	-	-	-	0.6	3.8	2.9	8.5	0.4	3.1	29.0
4961/4/1	-	9.3	0.4	-	-	-	0.6	3.8	2.9	8.5	0.4	3.1	29.0
4804/1/1	-	1.4	-	2.7	-	-	-	-	4.1	18.0	-	2.0	28.2
4804/2/1	-	1.4	-	2.7	-	-	-	-	4.1	18.0	-	2.0	28.2
4926/1/1	-	-	-	1.0	-	-	-	-	1.0	19.5	2.4	2.4	26.2
4926/2/1	-	-	-	1.0	-	-	-	-	1.0	19.5	2.4	2.4	26.2
4924/1/1	-	-	-	-	-	-	-	-	10.3	15.0	-	-	25.3
4924/2/1	-	-	-	-	-	-	-	-	10.3	15.0	-	-	25.3
4948/1/1	-	-	-	3.9	-	-	-	-	12.5	8.0	0.5	-	24.8
4927/1/1	-	-	-	-	-	-	-	-	1.6	-	-	20.0	21.6
4949/1/1	-	5.0	-	5.0	-	4.5	-	-	5.0	-	1.0	-	20.5
4949/2/1	-	5.0	-	5.0	-	4.5	-	-	5.0	-	1.0	-	20.5
4799/1/1	-	8.8	-	0.8	-	-	-	-	3.1	3.2	1.2	-	17.1

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Person ID number	Aubergine	Broad bean	Chilli pepper	French bean	Mangetout	Pea	Pepper	Pumpkin	Runner bean	Squash	Sweetcorn	Tomato	Total
4799/2/1	-	8.8	-	0.8	-	-	-	-	3.1	3.2	1.2	-	17.1
4799/3/1	-	8.8	-	0.8	-	-	-	-	3.1	3.2	1.2	-	17.1
4799/4/1	-	8.8	-	0.8	-	-	-	-	3.1	3.2	1.2	-	17.1
4834/1/1	-	-	-	2.2	-	-	-	-	7.7	-	-	7.2	17.0
4834/2/1	-	-	-	2.2	-	-	-	-	7.7	-	-	7.2	17.0
4828/1/1	-	-	-	-	-	-	-	-	16.3	-	-	-	16.3
4837/1/1	-	4.8	-	0.7	-	-	-	-	1.3	-	2.8	5.7	15.3
4954/1/1	-	-	-	-	-	-	-	-	-	-	3.5	7.2	10.6
4954/2/1	-	-	-	-	-	-	-	-	-	-	3.5	7.2	10.6
4939/1/1	-	-	-	-	0.8	-	-	-	2.0	-	-	7.2	10.0
4939/2/1	-	-	-	-	0.8	-	-	-	2.0	-	-	7.2	10.0
4939/3/1	-	-	-	-	0.8	-	-	-	2.0	-	-	7.2	10.0
4839/1/1	-	-	-	-	-	-	-	-	-	-	-	9.0	9.0
4839/2/1	-	-	-	-	-	-	-	-	-	-	-	9.0	9.0
4954/3/1	-	-	-	-	-	-	-	-	-	-	-	7.2	7.2
4954/4/1	-	-	-	-	-	-	-	-	-	-	-	7.2	7.2
4954/5/1	-	-	-	-	-	-	-	-	-	-	-	7.2	7.2
4954/6/1	-	-	-	-	-	-	-	-	-	-	-	7.2	7.2
4800/1/1	-	3.6	-	-	-	3.5	-	-	-	-	-	-	7.2
4800/2/1	-	3.6	-	-	-	3.5	-	-	-	-	-	-	7.2
5127/1/1	1.0	-	0.05	-	-	-	0.5	-	1.5	0.9	-	2.7	6.7
5127/2/1	1.0	-	0.05	-	-	-	0.5	-	1.5	0.9	-	2.7	6.7
4950/3/1	-	-	0.05	2.7	-	-	0.9	-	0.5	0.2	0.8	1.4	6.5
4950/4/1	-	-	0.05	2.7	-	-	0.9	-	0.5	0.2	0.8	1.4	6.5
4925/1/1	-	-	-	1.1	0.1	-	-	-	3.8	-	1.2	-	6.2
4925/2/1	-	-	-	1.1	0.1	-	-	-	3.8	-	1.2	-	6.2
4925/3/1	-	-	-	1.1	0.1	-	-	-	3.8	-	1.2	-	6.2
4925/4/1	-	-	-	1.1	0.1	-	-	-	3.8	-	1.2	-	6.2
4803/1/1	-	0.5	-	1.2	-	-	-	-	1.2	-	0.2	3.0	6.2
4803/2/1	-	0.5	-	1.2	-	-	-	-	1.2	-	0.2	3.0	6.2
4803/3/1	-	0.5	-	1.2	-	-	-	-	1.2	-	0.2	3.0	6.2
4927/2/1	-	-	-	-	-	-	-	-	0.4	-	-	5.0	5.4
4927/3/1	-	-	-	-	-	-	-	-	0.4	-	-	5.0	5.4
4927/4/1	-	-	-	-	-	-	-	-	0.4	-	-	5.0	5.4
4927/5/1	-	-	-	-	-	-	-	-	0.4	-	-	5.0	5.4
4927/6/1	-	-	-	-	-	-	-	-	0.4	-	-	5.0	5.4

Person ID number	Aubergine	Broad bean	Chilli pepper	French bean	Mangetout	Pea	Pepper	Pumpkin	Runner bean	Squash	Sweetcorn	Tomato	Total
4927/7/1	-	-	-	-	-	-	-	-	0.4	-	-	5.0	5.4
4949/3/1	-	1.3	-	1.3	-	1.1	-	-	1.3	-	0.3	-	5.1
4949/4/1	-	1.3	-	1.3	-	1.1	-	-	1.3	-	0.3	-	5.1
4937/1/1	-	-	-	-	-	-	-	-	-	-	-	4.0	4.0
4924/6/1	-	-	-	-	-	-	-	-	1.3	1.9	0.3	-	3.5
4924/7/1	-	-	-	-	-	-	-	-	1.3	1.9	0.3	-	3.5
4924/3/1	-	-	-	-	-	-	-	-	1.3	1.9	-	-	3.2
4924/4/1	-	-	-	-	-	-	-	-	1.3	1.9	-	-	3.2
4924/5/1	-	-	-	-	-	-	-	-	1.3	1.9	-	-	3.2
4801/1/1	-	-	-	2.4	-	-	-	-	-	-	-	-	2.4
4788/1/1	-	-	-	-	-	-	-	-	2.0	-	-	-	2.0

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of other vegetables for adults based on the 12 high-rate consumers is 55.3 kg y⁻¹

The observed 97.5th percentile rate based on 74 observations is 69.5 kg y⁻¹

Table 48. Adults' consumption rates of root vegetables from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Beetroot	Carrot	Celeriac	Celery	Garlic	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Turnip	Total
4834/1/1	6.8	40.5	-	-	-	25.0	-	-	-	-	-	-	-	72.3
4834/2/1	6.8	40.5	-	-	-	25.0	-	-	-	-	-	-	-	72.3
4788/1/1	15.3	13.0	-	-	-	-	11.4	2.2	-	8.4	-	-	-	50.3
4950/1/1	5.4	10.8	-	-	-	16.0	8.8	4.3	-	-	-	-	-	45.3
4950/2/1	5.4	10.8	-	-	-	16.0	8.8	4.3	-	-	-	-	-	45.3
4961/1/1	2.6	5.4	-	-	0.8	2.6	2.8	1.7	-	1.3	1.3	3.5	12.0	34.0
4961/2/1	2.6	5.4	-	-	0.8	2.6	2.8	1.7	-	1.3	1.3	3.5	12.0	34.0
4961/3/1	2.6	5.4	-	-	0.8	2.6	2.8	1.7	-	1.3	1.3	3.5	12.0	34.0
4961/4/1	2.6	5.4	-	-	0.8	2.6	2.8	1.7	-	1.3	1.3	3.5	12.0	34.0
4924/1/1	7.4	7.4	-	-	-	12.0	-	5.9	-	-	-	-	-	32.7
4924/2/1	7.4	7.4	-	-	-	12.0	-	5.9	-	-	-	-	-	32.7

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Person ID number	Beetroot	Carrot	Celeriac	Celery	Garlic	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Turnip	Total
4814/1/1	6.0	8.0	-	-	-	-	17.6	-	0.6	-	-	-	-	32.2
4814/2/1	6.0	8.0	-	-	-	-	17.6	-	0.6	-	-	-	-	32.2
4800/1/1	3.5	7.1	-	-	-	5.8	2.8	2.8	0.4	1.0	-	-	-	23.4
4800/2/1	3.5	7.1	-	-	-	5.8	2.8	2.8	0.4	1.0	-	-	-	23.4
4948/1/1	-	0.6	-	-	-	12.4	2.2	6.5	-	-	-	-	-	21.7
4803/1/1	12.2	2.2	-	-	-	2.7	-	0.5	0.4	-	-	-	-	17.9
4803/2/1	12.2	2.2	-	-	-	2.7	-	0.5	0.4	-	-	-	-	17.9
4803/3/1	12.2	2.2	-	-	-	2.7	-	0.5	0.4	-	-	-	-	17.9
4799/1/1	0.5	2.1	-	-	-	4.2	3.1	0.8	0.5	0.8	-	3.2	-	15.1
4799/2/1	0.5	2.1	-	-	-	4.2	3.1	0.8	0.5	0.8	-	3.2	-	15.1
4799/3/1	0.5	2.1	-	-	-	4.2	3.1	0.8	0.5	0.8	-	3.2	-	15.1
4799/4/1	0.5	2.1	-	-	-	4.2	3.1	0.8	0.5	0.8	-	3.2	-	15.1
4804/1/1	1.1	5.3	-	-	-	5.0	-	2.7	-	-	-	-	-	14.2
4804/2/1	1.1	5.3	-	-	-	5.0	-	2.7	-	-	-	-	-	14.2
4939/1/1	-	0.1	-	-	-	-	13.3	-	-	-	-	-	-	13.4
4939/2/1	-	0.1	-	-	-	-	13.3	-	-	-	-	-	-	13.4
4939/3/1	-	0.1	-	-	-	-	13.3	-	-	-	-	-	-	13.4
5121/1/1	-	3.0	-	-	-	-	9.9	-	-	-	-	-	-	12.9
5121/2/1	-	3.0	-	-	-	-	9.9	-	-	-	-	-	-	12.9
4828/1/1	3.6	1.4	-	-	-	-	7.0	-	0.5	-	-	-	-	12.5
4928/1/1	-	11.8	-	-	-	-	-	-	-	-	-	-	-	11.8
4928/2/1	-	11.8	-	-	-	-	-	-	-	-	-	-	-	11.8
4927/1/1	4.1	4.1	-	1.2	-	-	-	-	0.8	-	-	-	-	10.3
5123/1/1	2.3	2.1	-	-	-	-	5.5	-	-	-	-	-	-	9.9
5123/2/1	2.3	2.1	-	-	-	-	5.5	-	-	-	-	-	-	9.9
4833/1/1	6.8	1.1	-	-	-	-	-	-	-	-	-	-	-	7.9
4833/2/1	6.8	1.1	-	-	-	-	-	-	-	-	-	-	-	7.9
4925/1/1	1.9	0.9	0.5	-	-	1.5	-	2.2	-	-	-	-	-	7.0
4925/2/1	1.9	0.9	0.5	-	-	1.5	-	2.2	-	-	-	-	-	7.0
4925/3/1	1.9	0.9	0.5	-	-	1.5	-	2.2	-	-	-	-	-	7.0
4925/4/1	1.9	0.9	0.5	-	-	1.5	-	2.2	-	-	-	-	-	7.0
4954/1/1	-	6.8	-	-	-	-	-	-	-	-	-	-	-	6.8
4954/2/1	-	6.8	-	-	-	-	-	-	-	-	-	-	-	6.8
4950/3/1	0.7	1.4	-	-	-	2.0	1.1	0.5	-	-	-	-	-	5.7
4950/4/1	0.7	1.4	-	-	-	2.0	1.1	0.5	-	-	-	-	-	5.7
4914/1/1	-	-	-	-	-	2.7	1.1	-	0.5	-	0.8	-	-	5.1
4914/2/1	-	-	-	-	-	2.7	1.1	-	0.5	-	0.8	-	-	5.1
4949/1/1	-	3.0	-	-	-	-	-	-	1.0	-	1.0	-	-	5.0

Person ID number	Beetroot	Carrot	Celeriac	Celery	Garlic	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Turnip	Total
4949/2/1	-	3.0	-	-	-	-	-	-	1.0	-	1.0	-	-	5.0
4810/1/1	-	4.5	-	-	-	-	-	-	-	-	-	-	-	4.5
4810/2/1	-	4.5	-	-	-	-	-	-	-	-	-	-	-	4.5
4924/3/1	0.9	0.9	-	-	-	1.5	-	0.7	-	-	-	-	-	4.1
4924/4/1	0.9	0.9	-	-	-	1.5	-	0.7	-	-	-	-	-	4.1
4924/5/1	0.9	0.9	-	-	-	1.5	-	0.7	-	-	-	-	-	4.1
4924/6/1	0.9	0.9	-	-	-	1.5	-	0.7	-	-	-	-	-	4.1
4924/7/1	0.9	0.9	-	-	-	1.5	-	0.7	-	-	-	-	-	4.1
4837/1/1	1.5	-	-	-	-	1.4	-	-	-	-	-	-	-	2.9
4927/2/1	1.0	1.0	-	0.3	-	-	-	-	0.2	-	-	-	-	2.6
4927/3/1	1.0	1.0	-	0.3	-	-	-	-	0.2	-	-	-	-	2.6
4927/4/1	1.0	1.0	-	0.3	-	-	-	-	0.2	-	-	-	-	2.6
4927/5/1	1.0	1.0	-	0.3	-	-	-	-	0.2	-	-	-	-	2.6
4927/6/1	1.0	1.0	-	0.3	-	-	-	-	0.2	-	-	-	-	2.6
4927/7/1	1.0	1.0	-	0.3	-	-	-	-	0.2	-	-	-	-	2.6
4926/1/1	0.7	-	-	-	-	0.7	-	-	-	-	-	-	-	1.3
4926/2/1	0.7	-	-	-	-	0.7	-	-	-	-	-	-	-	1.3
4949/3/1	-	0.8	-	-	-	-	-	-	0.3	-	0.3	-	-	1.3
4949/4/1	-	0.8	-	-	-	-	-	-	0.3	-	0.3	-	-	1.3
5127/1/1	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1
5127/2/1	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1
4959/1/1	-	0.7	-	-	-	-	-	-	-	-	-	-	-	0.7
4801/1/1	-	0.2	-	-	-	-	-	-	-	-	-	-	-	0.2

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of root vegetables for adults based on the 13 high-rate consumers is 42.4 kg y⁻¹

The observed 97.5th percentile rate based on 72 observations is 54.2 kg y⁻¹

Table 49. Adults' consumption rates of potato from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Potato
4927/1/1	115.2
4834/1/1	90.9
4834/2/1	90.9
4788/1/1	62.5
4814/1/1	60.0
4814/2/1	60.0
4950/1/1	60.0
4950/2/1	60.0
5121/1/1	55.6
5121/2/1	55.6
4928/1/1	50.5
4928/2/1	50.5
4954/1/1	50.0
4954/2/1	50.0
4949/1/1	42.5
4949/2/1	42.5
4803/1/1	40.0
4803/2/1	40.0
4803/3/1	40.0
4800/1/1	35.8
4800/2/1	35.8
4828/1/1	32.3
5123/1/1	30.3
5123/2/1	30.3
4927/2/1	28.8
4927/3/1	28.8
4927/4/1	28.8
4927/5/1	28.8
4927/6/1	28.8
4927/7/1	28.8
4903/1/1	25.0
4903/2/1	25.0
4837/1/1	23.9
4833/1/1	22.7
4833/2/1	22.7
4829/1/1	20.0
4804/1/1	17.0
4804/2/1	17.0
4939/1/1	13.3
4939/2/1	13.3
4939/3/1	13.3

Person ID number	Potato
4801/1/1	11.9
4949/3/1	10.6
4949/4/1	10.6
4924/1/1	10.0
4924/2/1	10.0
5127/1/1	7.6
5127/2/1	7.6
4950/3/1	7.5
4950/4/1	7.5
4799/1/1	7.0
4799/2/1	7.0
4799/3/1	7.0
4799/4/1	7.0
4961/1/1	6.4
4961/2/1	6.4
4961/3/1	6.4
4961/4/1	6.4
4925/1/1	2.2
4925/2/1	2.2
4925/3/1	2.2
4925/4/1	2.2
4959/1/1	2.2
4924/3/1	1.3
4924/4/1	1.3
4924/5/1	1.3
4924/6/1	1.3
4924/7/1	1.3

Notes for Table 49

The emboldened observations are the high-rate consumers

The mean consumption rate of potato for adults based on the 19 high-rate consumers is 58.8 kg y⁻¹

The observed 97.5th percentile rate based on 68 observations is 90.9 kg y⁻¹

Table 50. Adults' consumption rates of domestic fruit from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Apple	Blackberry	Blackcurrant	Blueberry	Cherry	Fig	Gooseberry	Loganberry	Melon	Pear	Plum	Raspberry	Redcurrant	Rhubarb	Strawberry	Tayberry	White currant	Total
4927/1/1	36.0	-	-	-	-	-	-	-	-	-	3.2	1.9	-	4.8	-	-	-	45.9
4833/1/1	20.4	-	1.0	-	-	-	1.6	-	-	-	-	1.6	0.6	-	-	-	0.4	25.7
4833/2/1	20.4	-	1.0	-	-	-	1.6	-	-	-	-	1.6	0.6	-	-	-	0.4	25.7
4950/1/1	12.7	-	-	0.4	-	-	-	-	-	-	-	5.4	-	-	-	-	-	18.5
4950/2/1	12.7	-	-	0.4	-	-	-	-	-	-	-	5.4	-	-	-	-	-	18.5
4954/1/1	10.0	-	-	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	15.0
4954/2/1	10.0	-	-	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	15.0
4927/2/1	9.0	-	-	-	-	-	-	-	-	-	0.8	0.5	-	1.2	-	-	-	11.5
4927/3/1	9.0	-	-	-	-	-	-	-	-	-	0.8	0.5	-	1.2	-	-	-	11.5
4927/4/1	9.0	-	-	-	-	-	-	-	-	-	0.8	0.5	-	1.2	-	-	-	11.5
4927/5/1	9.0	-	-	-	-	-	-	-	-	-	0.8	0.5	-	1.2	-	-	-	11.5
4927/6/1	9.0	-	-	-	-	-	-	-	-	-	0.8	0.5	-	1.2	-	-	-	11.5
4927/7/1	9.0	-	-	-	-	-	-	-	-	-	0.8	0.5	-	1.2	-	-	-	11.5
5123/1/1	5.0	-	-	-	-	-	-	-	-	1.0	-	4.2	-	-	-	-	-	10.2
5123/2/1	5.0	-	-	-	-	-	-	-	-	1.0	-	4.2	-	-	-	-	-	10.2
4788/1/1	-	-	-	-	-	-	9.1	-	-	-	-	-	-	0.7	-	-	-	9.8
4804/1/1	-	-	-	0.7	-	-	2.7	-	-	-	-	4.1	-	0.7	0.8	-	-	9.0
4804/2/1	-	-	-	0.7	-	-	2.7	-	-	-	-	4.1	-	0.7	0.8	-	-	9.0
5127/1/1	5.0	-	-	-	0.5	-	-	-	-	1.5	-	-	-	-	-	-	-	7.0
5127/2/1	5.0	-	-	-	0.5	-	-	-	-	1.5	-	-	-	-	-	-	-	7.0

Person ID number	Apple	Blackberry	Blackcurrant	Blueberry	Cherry	Fig	Gooseberry	Loganberry	Melon	Pear	Plum	Raspberry	Redcurrant	Rhubarb	Strawberry	Tayberry	White currant	Total
4949/1/1	1.5	-	-	-	-	-	1.5	-	-	-	-	1.5	-	-	2.3	-	-	6.8
4949/2/1	1.5	-	-	-	-	-	1.5	-	-	-	-	1.5	-	-	2.3	-	-	6.8
4924/1/1	-	-	-	-	-	-	-	-	-	-	-	5.1	-	1.3	-	-	-	6.4
4924/2/1	-	-	-	-	-	-	-	-	-	-	-	5.1	-	1.3	-	-	-	6.4
4959/1/1	2.7	-	-	-	1.0	0.5	-	-	-	1.6	-	-	-	-	-	-	-	5.9
4837/1/1	3.0	-	-	-	-	-	-	-	-	1.6	1.0	-	-	-	-	-	-	5.6
4810/1/1	-	-	-	-	-	0.5	-	-	-	-	0.5	2.3	-	-	2.3	-	-	5.4
4810/2/1	-	-	-	-	-	0.5	-	-	-	-	0.5	2.3	-	-	2.3	-	-	5.4
4939/1/1	3.3	1.0	-	-	-	-	-	0.3	-	-	-	-	-	-	0.3	-	-	4.9
4939/2/1	3.3	1.0	-	-	-	-	-	0.3	-	-	-	-	-	-	0.3	-	-	4.9
4939/3/1	3.3	1.0	-	-	-	-	-	0.3	-	-	-	-	-	-	0.3	-	-	4.9
4814/1/1	-	-	0.9	-	-	-	0.9	-	-	-	-	1.8	-	1.1	-	-	-	4.8
4814/2/1	-	-	0.9	-	-	-	0.9	-	-	-	-	1.8	-	1.1	-	-	-	4.8
4914/1/1	-	-	0.1	-	-	-	-	-	-	-	-	3.1	0.1	0.5	0.2	-	0.2	4.2
4914/2/1	-	-	0.1	-	-	-	-	-	-	-	-	3.1	0.1	0.5	0.2	-	0.2	4.2
4961/1/1	-	0.2	-	0.2	-	-	-	-	2.1	-	-	0.2	-	0.4	0.5	0.04	-	3.6
4961/2/1	-	0.2	-	0.2	-	-	-	-	2.1	-	-	0.2	-	0.4	0.5	0.04	-	3.6
4961/3/1	-	0.2	-	0.2	-	-	-	-	2.1	-	-	0.2	-	0.4	0.5	0.04	-	3.6
4961/4/1	-	0.2	-	0.2	-	-	-	-	2.1	-	-	0.2	-	0.4	0.5	0.04	-	3.6
4803/1/1	-	-	-	-	-	-	-	-	-	-	-	1.2	-	0.6	1.2	-	-	3.0
4803/2/1	-	-	-	-	-	-	-	-	-	-	-	1.2	-	0.6	1.2	-	-	3.0

Person ID number	Apple	Blackberry	Blackcurrant	Blueberry	Cherry	Fig	Gooseberry	Loganberry	Melon	Pear	Plum	Raspberry	Redcurrant	Rhubarb	Strawberry	Tayberry	White currant	Total
4803/3/1	-	-	-	-	-	-	-	-	-	-	-	1.2	-	0.6	1.2	-	-	3.0
4950/3/1	1.6	-	-	0.05	-	-	-	-	-	-	-	0.7	-	-	-	-	-	2.3
4950/4/1	1.6	-	-	0.05	-	-	-	-	-	-	-	0.7	-	-	-	-	-	2.3
4935/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	2.0
4935/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	2.0
4949/3/1	0.4	-	-	-	-	-	0.4	-	-	-	-	0.4	-	-	0.6	-	-	1.7
4949/4/1	0.4	-	-	-	-	-	0.4	-	-	-	-	0.4	-	-	0.6	-	-	1.7
4834/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	1.4
4834/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	1.4
5121/1/1	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1
5121/2/1	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1
4845/1/1	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0
4845/2/1	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0
4924/3/1	-	-	-	-	-	-	-	-	-	-	-	0.6	-	0.2	-	-	-	0.8
4924/4/1	-	-	-	-	-	-	-	-	-	-	-	0.6	-	0.2	-	-	-	0.8
4924/5/1	-	-	-	-	-	-	-	-	-	-	-	0.6	-	0.2	-	-	-	0.8
4924/6/1	-	-	-	-	-	-	-	-	-	-	-	0.6	-	0.2	-	-	-	0.8
4924/7/1	-	-	-	-	-	-	-	-	-	-	-	0.6	-	0.2	-	-	-	0.8
4799/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-	-	-	0.7
4799/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-	-	-	0.7
4799/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-	-	-	0.7

Person ID number	Apple	Blackberry	Blackcurrant	Blueberry	Cherry	Fig	Gooseberry	Loganberry	Melon	Pear	Plum	Raspberry	Redcurrant	Rhubarb	Strawberry	Tayberry	White currant	Total
4799/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-	-	-	0.7
4938/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	0.4
4938/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	0.4
4801/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of domestic fruit for adults based on the 5 high-rate consumers is 26.9 kg y⁻¹

The observed 97.5th percentile rate based on 66 observations is 25.7 kg y⁻¹

Table 51. Adults' consumption rates of cattle meat from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Beef
4835/1/1	21.6
4835/2/1	21.6
4835/3/1	21.6
4835/4/1	21.6
4835/5/1	21.6
4835/6/1	21.6

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of cattle meat for adults based on the 6 high-rate consumers is 21.6 kg y⁻¹

The observed 97.5th percentile rate based on 6 observations is 21.6 kg y⁻¹

Table 52. Adults' consumption of sheep meat in the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Lamb
4840/1/1	0.8
4840/2/1	0.8
4840/3/1	0.8
4840/4/1	0.8

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of sheep meat for adults based on the 4 high-rate consumers is 0.8 kg y⁻¹

The observed 97.5th percentile rate based on 4 observations is 0.8 kg y⁻¹

Table 53. Adults' consumption rates of poultry from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Partridge	Pheasant	Pigeon	Total
4961/1/1	1.3	-	7.3	8.6
4961/2/1	1.3	-	7.3	8.6
4961/3/1	1.3	-	7.3	8.6
4961/4/1	1.3	-	7.3	8.6
4937/1/1	3.4	3.4	-	6.8
4810/1/1	-	6.7	-	6.7
4810/2/1	-	6.7	-	6.7
5121/1/1	-	2.1	-	2.1
5121/2/1	-	2.1	-	2.1

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of poultry for adults based on the 7 high-rate consumers is 7.8 kg y⁻¹

The observed 97.5th percentile rate based on 9 observations is 8.6 kg y⁻¹

Table 54. Adults' consumption rates of eggs from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Chicken egg	Quail egg	Total
4962/1/1	44.6	-	44.6
4962/2/1	44.6	-	44.6
4839/1/1	35.7	-	35.7
4839/2/1	35.7	-	35.7
4951/1/1	26.0	1.9	27.9
4951/2/1	26.0	1.9	27.9
4845/1/1	26.7	-	26.7
4845/2/1	17.8	-	17.8
4845/3/1	11.9	-	11.9
4845/4/1	11.9	-	11.9
4845/5/1	11.9	-	11.9
4935/1/1	10.4	-	10.4
4935/2/1	10.4	-	10.4
4900/1/1	9.9	-	9.9
4900/2/1	9.9	-	9.9
4900/3/1	9.9	-	9.9
4834/1/1	8.9	-	8.9
4834/2/1	8.9	-	8.9
4924/1/1	8.9	-	8.9
4924/2/1	8.9	-	8.9

Person ID number	Chicken egg	Quail egg	Total
4959/1/1	8.9	-	8.9
4938/1/1	3.0	-	3.0
4938/2/1	3.0	-	3.0
4840/1/1	1.0	-	1.0
4840/2/1	1.0	-	1.0
4840/3/1	1.0	-	1.0
4840/4/1	1.0	-	1.0
4925/1/1	1.0	-	1.0
4925/2/1	1.0	-	1.0
4925/3/1	1.0	-	1.0
4925/4/1	1.0	-	1.0
4961/1/1	0.1	-	0.1
4961/2/1	0.1	-	0.1
4961/3/1	0.1	-	0.1
4961/4/1	0.1	-	0.1

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of eggs for adults based on the 8 high-rate consumers is 32.6 kg y⁻¹

The observed 97.5th percentile rate based on 35 observations is 44.6 kg y⁻¹

Table 55. Adults' consumption rates of wild/free foods from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Blackberry	Damson	Hazel nut	Sloe	Total
4833/1/1	0.6	4.1	-	-	4.7
4833/2/1	0.6	4.1	-	-	4.7
5127/1/1	1.0	-	1.3	-	2.3
5127/2/1	1.0	-	1.3	-	2.3
4845/1/1	2.0	-	-	-	2.0
4845/2/1	2.0	-	-	-	2.0
4927/1/1	1.6	-	-	-	1.6
4935/1/1	0.5	-	-	1.0	1.5
4935/2/1	0.5	-	-	1.0	1.5
4895/1/1	1.0	-	-	-	1.0
4895/2/1	1.0	-	-	-	1.0
4926/1/1	0.4	-	-	-	0.4
4926/2/1	0.4	-	-	-	0.4
5121/1/1	0.4	-	-	-	0.4
5121/2/1	0.4	-	-	-	0.4
4803/1/1	-	-	0.4	-	0.4
4803/2/1	-	-	0.4	-	0.4
4803/3/1	-	-	0.4	-	0.4

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of wild/free foods for adults based on the 7 high-rate consumers is 2.8 kg y⁻¹

The observed 97.5th percentile rate based on 18 observations is 4.7 kg y⁻¹

Table 56. Adults' consumption rates of honey from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Honey
4951/8/1	4.5
4951/9/1	4.5
4927/1/1	2.7
4951/1/1	2.7
4951/2/1	2.7
4951/6/1	2.7
4951/7/1	2.7
4951/4/1	2.2
4951/5/1	2.2
4949/2/1	0.2

Notes

The emboldened observation are the high-rate consumers

The mean consumption rate of honey for adults based on the 9 high-rate consumers is 3.0 kg y⁻¹

The observed 97.5th percentile rate based on 10 observations is 4.5 kg y⁻¹

Table 57. Adults' consumption rates of wild fungi from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Mixed fungi (field mushroom, Bay Boltes and horse mushroom)
5133/1/1	1.0

Notes

The emboldened observation is the high-rate consumer

The mean consumption rate of wild fungi for adults based on the high-rate consumer is 1.0 kg y⁻¹

The observed 97.5th percentile is not applicable for 1 observation

Table 58. Adults' consumption rates of venison from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Venison
5121/1/1	2.9
5121/2/1	2.9

Notes

The emboldened observation are the high-rate consumers

The mean consumption rate of venison for adults based on the 2 high-rate consumers is 2.9 kg y⁻¹

The observed 97.5th percentile rate based on 2 observations is 2.9 kg y⁻¹

Table 59. Children's consumption rates of green vegetables from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Asparagus	Broccoli	Brussels sprout	Cabbage	Calabrese	Cauliflower	Courgette	Cucumber	Total
4924/8/1	-	1.3	0.9	1.3	-	-	0.4	0.8	4.6
4949/5/1	0.05	-	0.6	-	0.5	0.5	0.3	-	1.9
4949/6/1	0.05	-	0.6	-	0.5	0.5	0.3	-	1.9
4926/5/1	-	-	0.2	-	-	-	0.5	0.2	0.9

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of green vegetables for the child age group based on the 3 high-rate consumers is 2.8 kg y⁻¹

The observed 97.5th percentile rate based on 4 observations is 4.4 kg y⁻¹

Table 60. Infants' consumption rates of green vegetables from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Asparagus	Broccoli	Brussels sprout	Cabbage	Calabrese	Cauliflower	Courgette	Cucumber	Total
4924/9/1	-	0.4	0.3	0.4	-	-	0.1	0.3	1.5
4949/7/1	0.03	-	0.4	-	0.3	0.3	0.2	-	1.3
4926/3/1	-	-	0.2	-	-	-	0.3	0.1	0.6
4926/4/1	-	-	0.2	-	-	-	0.3	0.1	0.6

Notes

The emboldened observation are the high-rate consumers

The mean consumption rate of green vegetables for the infant age group based on the 4 high-rate consumers is 1.0 kg y⁻¹

The observed 97.5th percentile rate based on 4 observations is 1.5 kg y⁻¹

Table 61. Children's consumption rates of other vegetables from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Broad bean	French bean	Pea	Runner bean	Squash	Sweetcorn	Tomato	Total
4949/5/1	0.9	0.9	0.8	0.9	-	0.2	-	3.9
4949/6/1	0.9	0.9	0.8	0.9	-	0.2	-	3.9
4924/8/1	-	-	-	1.3	1.9	0.3	-	3.5
4926/5/1	-	0.1	-	0.1	1.3	0.2	0.2	1.7

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of other vegetables for the child age group based on the 4 high-rate consumers is 3.2 kg y⁻¹

The observed 97.5th percentile rate based on 4 observations is 3.9 kg y⁻¹

Table 62. Infants' consumption rates of other vegetables from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Broad bean	French bean	Pea	Runner bean	Squash	Sweetcorn	Tomato	Total
4949/7/1	0.6	0.6	0.6	0.6	-	0.1	-	2.6
4924/9/1	-	-	-	0.4	0.6	0.1	-	1.2
4926/3/1	-	0.04	-	0.04	0.9	0.1	0.1	1.2
4926/4/1	-	0.04	-	0.04	0.9	0.1	0.1	1.2

Notes

The emboldened observation are the high-rate consumers

The mean consumption rate of other vegetables for the infant age group based on the 4 high-rate consumers is 1.5 kg y⁻¹

The observed 97.5th percentile rate based on 4 observations is 2.5 kg y⁻¹

Table 63. Children's consumption rates of root vegetables from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Beetroot	Carrot	Leek	Onion	Parsnip	Radish	Spring onion	Total
5121/3/1	-	3.0	-	9.9	-	-	-	12.9
5121/4/1	-	3.0	-	9.9	-	-	-	12.9
5121/5/1	-	3.0	-	9.9	-	-	-	12.9
4924/8/1	0.9	0.9	1.5	-	0.7	-	-	4.1
4949/5/1	-	0.6	-	-	-	0.2	0.2	0.9
4949/6/1	-	0.6	-	-	-	0.2	0.2	0.9
4926/5/1	0.04	-	0.04	-	-	-	-	0.1

Notes

The emboldened observation are the high-rate consumers

The mean consumption rate of root vegetables for the child age group based on the 3 high-rate consumers is 12.9 kg y⁻¹

The observed 97.5th percentile rate based on 7 observations is 12.9 kg y⁻¹

Table 64. Infants' consumption rates of root vegetables from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Beetroot	Carrot	Leek	Onion	Parsnip	Radish	Spring onion	Total
5121/6/1	-	0.8	-	2.5	-	-	-	3.2
4924/9/1	0.3	0.3	0.5	-	0.2	-	-	1.4
4949/7/1	-	0.4	-	-	-	0.1	0.1	0.6
4959/2/1	-	0.3	-	-	-	-	-	0.3
4959/3/1	-	0.2	-	-	-	-	-	0.2
4926/3/1	0.02	-	0.02	-	-	-	-	0.1
4926/4/1	0.02	-	0.02	-	-	-	-	0.1
5121/6/1	-	0.8	-	2.5	-	-	-	3.2

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of root vegetables for the infant age group based on the 2 high-rate consumers is 2.3 kg y⁻¹

The observed 97.5th percentile rate based on 7 observations is 3.0 kg y⁻¹

Table 65. Children's consumption rates of potato from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Potato
5121/3/1	55.6
5121/4/1	55.6
5121/5/1	55.6
4949/5/1	8.0
4949/6/1	8.0
4924/8/1	1.3

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of potato for the child age group based on the 3 high-rate consumers is 55.6 kg y⁻¹

The observed 97.5th percentile rate based on 6 observations is 55.6 kg y⁻¹

Table 66. Infants' consumption rates of potato from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Potato
5121/6/1	13.9
4949/7/1	5.3
4959/2/1	1.1
4959/3/1	0.7
4924/9/1	0.4

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of potato for the infant age group based on the 2 high-rate consumers is 9.6 kg y⁻¹

The observed 97.5th percentile rate based on 5 observations is 13.0 kg y⁻¹

Table 67. Children's consumption rates of domestic fruit from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Apple	Fig	Gooseberry	Plum	Raspberry	Rhubarb	Strawberry	Total
4949/5/1	0.3	-	0.3	-	0.3	-	0.4	1.3
4949/6/1	0.3	-	0.3	-	0.3	-	0.4	1.3
5121/3/1	-	-	-	1.1	-	-	-	1.1
5121/4/1	-	-	-	1.1	-	-	-	1.1
5121/5/1	-	-	-	1.1	-	-	-	1.1
4924/8/1	-	-	-	-	0.6	0.2	-	0.8

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of domestic fruit for the child age group based on the 6 high-rate consumers is 1.1 kg y⁻¹

The observed 97.5th percentile rate based on 6 observations is 1.3 kg y⁻¹

Table 68. Infants' consumption rates of domestic fruit from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Apple	Fig	Gooseberry	Pear	Plum	Raspberry	Rhubarb	Strawberry	Total
4959/2/1	1.4	0.3	-	0.8	-	1.0	-	-	3.4
4959/3/1	0.9	0.2	-	0.5	-	0.6	-	-	2.3
4949/7/1	0.2	-	0.2	-	-	0.2	-	0.3	0.8
5121/6/1	-	-	-	-	0.3	-	-	-	0.3
4924/9/1	-	-	-	-	-	0.2	0.05	-	0.3

Notes

The emboldened observation are the high-rate consumers

The mean consumption rate of domestic fruit for the infant age group based on the 2 high-rate consumers is 2.8 kg y⁻¹

The observed 97.5th percentile rate based on 5 observations is 3.3 kg y⁻¹

Table 69. Children's consumption rates of cattle meat from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Beef
4633/2/1	16.2
4633/3/1	16.2

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of cattle meat for the child age group based on the 2 high-rate consumers is 16.2 kg y⁻¹

The observed 97.5th percentile rate based on 2 observations is 16.2 kg y⁻¹

Table 70. Infants' consumption rates of cattle meat from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Beef
4835/8/1	10.8
4835/9/1	7.1

Notes

The emboldened observation are the high-rate consumers

The mean consumption rate of cattle meat for the infant age group based on the 2 high-rate consumers is 9.0 kg y⁻¹

The observed 97.5th percentile rate based on 2 observations is 10.7 kg y⁻¹

Table 71. Children's consumption rates of poultry from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Pheasant
5121/3/1	2.1
5121/4/1	2.1
5121/5/1	2.1

Notes

The emboldened observation are the high-rate consumers

The mean consumption rate of poultry for the child age group based on the 3 high-rate consumers is 2.1 kg y⁻¹

The observed 97.5th percentile rate based on 3 observations is 2.1 kg y⁻¹

Table 72. Infants' consumption rates of poultry from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Pheasant
5121/6/1	0.5

Notes

The emboldened observation is the high-rate consumer

The mean consumption rate of poultry for the infant age group based on the high-rate consumer is 0.5 kg y⁻¹

The observed 97.5th percentile is not applicable for 1 observation

Table 73. Infants' consumption rates of eggs from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Chicken egg
4959/2/1	4.5
4959/3/1	2.9

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of eggs for the infant age group based on the 2 high-rate consumers is 3.7 kg y⁻¹

The observed 97.5th percentile rate based on 2 observations is 4.4 kg y⁻¹

Table 74. Children's consumption rates of wild/free foods from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Blackberry
5121/3/1	0.4
5121/4/1	0.4
5121/5/1	0.4
4926/5/1	0.03

Notes

The emboldened observations are the high-rate consumers

The mean consumption rate of wild/free foods for the child age group based on the 3 high-rate consumers is 0.4 kg y⁻¹

The observed 97.5th percentile rate based on 4 observations is 0.4 kg y⁻¹

Table 75. Infants' consumption rates of wild/free from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Blackberry
5121/6/1	0.1
4926/3/1	0.02
4926/4/1	0.02

Notes

The emboldened observation is the high-rate consumer

The mean consumption rate of wild/free foods for the infant age group based on the high-rate consumer is 0.1 kg y⁻¹

The observed 97.5th percentile rate based on 3 observations is 0.1 kg y⁻¹

Table 76. Infants' consumption rates of honey from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Honey
4951/3/1	1.1

Notes

The emboldened observation is the high-rate consumer

The mean consumption rate of honey for the infant age group based on the high-rate consumer is 1.1 kg y⁻¹

The observed 97.5th percentile is not applicable for 1 observation

Table 77. Children's consumption rates of venison from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Venison
5121/3/1	2.9
5121/4/1	2.9
5121/5/1	2.9

Notes

The emboldened observation are the high-rate consumers

The mean consumption rate of venison for the child age group based on the 3 high-rate consumers is 2.9 kg y⁻¹

The observed 97.5th percentile rate based on 3 observations is 2.9 kg y⁻¹

Table 78. Infants' consumption rates of venison from the Sizewell terrestrial survey area (kg y⁻¹)

Person ID number	Venison
5121/6/1	0.7

Notes

The emboldened observation is the high-rate consumer

The mean consumption rate of venison for the infant age group based on the high-rate consumer is 0.7 kg y⁻¹

The observed 97.5th percentile is not applicable for 1 observation

Table 79. Percentage contribution each food type makes to its terrestrial food group for adults

Food group	Food	Percentage
Green vegetables	Cucumber	19.7%
	Courgette	17.0%
	Brussels sprout	13.6%
	Broccoli	12.4%
	Cabbage	12.3%
	Calabrese	5.6%
	Cauliflower	5.2%
	Lettuce	4.1%
	Asparagus	3.3%
	Kale	2.8%
	Spinach	1.7%
	Marrow	1.4%
	Chard	0.8%
	Herbs	0.02%
Other vegetables	Tomato	42.0%
	Squash	16.6%
	Runner bean	15.7%
	French bean	9.4%
	Broad bean	7.6%
	Sweetcorn	3.1%
	Pepper	2.1%
	Pea	1.8%
	Pumpkin	1.1%
	Mangetout	0.2%
	Chilli pepper	0.2%
	Aubergine	0.1%
Root vegetables	Carrot	28.7%
	Leek	19.3%
	Onion	17.3%
	Beetroot	16.6%
	Parsnip	6.3%
	Turnip	4.6%
	Swede	2.6%
	Shallot	1.8%
	Radish	1.1%
	Spring onion	0.9%
	Garlic	0.3%
	Celery	0.3%
	Celeriac	0.2%
Potato	Potato	100.0%

Food group	Food	Percentage
Domestic fruit	Apple	51.7%
	Raspberry	17.0%
	Rhubarb	7.0%
	Strawberry	5.5%
	Gooseberry	5.5%
	Pear	4.3%
	Plum	2.9%
	Melon	2.0%
	Blackcurrant	1.0%
	Blackberry	0.9%
	Blueberry	0.7%
	Cherry	0.5%
	Redcurrant	0.3%
	Fig	0.3%
	White currant	0.3%
	Loganberry	0.2%
Tayberry	0.04%	
Cattle meat	Beef	100.0%
Sheep meat	Lamb	100.0%
Poultry	Pigeon	49.7%
	Pheasant	35.9%
	Partridge	14.4%
Eggs	Chicken egg	100.0%
	Quail egg	100.0%
Wild/free foods	Blackberry	49.5%
	Damson	30.0%
	Hazel nut	13.2%
	Sloe	7.3%
Honey	Honey	100.0%
Wild fungi	Mixed fungi	100.0%
Venison	Venison	100.0%

Notes

Percentages are based on the consumption of all adults in the survey consuming that particular food group.

Table 80. Direct radiation occupancy rates for adults, children and infants in the Sizewell area (h y⁻¹)

Person ID number	Main activities	Indoor occupancy	Outdoor occupancy	Total occupancy
0 – 0.25 km zone				
4839/2/1	Residing	8538	39	8578
4914/2/1	Residing	7610	732	8342
4914/1/1	Residing	7420	352	7772
4845/1/1	Residing and working	3129	4380	7509
4845/2/1	Residing	5658	1825	7483
4839/1/1	Residing	5066	2011	7077
4905/1/1	Residing	5998	671	6669
4962/1/1	Residing	4205	755	4960
4962/2/1	Residing	2725	1864	4589
4933/1/1	Working	1635	35	1670
4933/2/1	Working	1635	35	1670
4893/1/1	Hobby fishing and socialising	-	1506	1506
4928/1/1	Walking	-	626	626
4830/1/1	Hobby fishing and socialising	-	548	548
4830/2/1	Hobby fishing and socialising	-	548	548
4933/3/1	Working	400	17	417
4933/4/1	Working	400	17	417
4933/5/1	Working	400	17	417
4912/1/1	Dog walking	-	365	365
4830/3/1	Hobby fishing and socialising	-	313	313
4919/2/1	Attending sea swimming club and socialising	-	297	297
4919/3/1	Attending sea swimming club and socialising	-	297	297

Person ID number	Main activities	Indoor occupancy	Outdoor occupancy	Total occupancy
0 – 0.25 km zone				
4919/4/1	Attending sea swimming club and socialising	-	297	297
4919/5/1	Attending sea swimming club and socialising	-	297	297
4919/6/1	Attending sea swimming club and socialising	-	297	297
4838/1/1	Attending sea swimming club	-	235	235
4838/2/1	Attending sea swimming club	-	235	235
4945/1/1	Dog walking	-	196	196
5125/1/1	Dog walking	-	192	192
5125/2/1	Dog walking	-	192	192
4831/3/1	Angling and playing	-	158	158
5128/1/1	Sub-aqua diving and swimming	-	156	156
4797/1/1	Dog walking and sitting on the beach	-	139	139
5127/2/1	Dog walking and sitting on the beach	-	117	117
4919/1/1	Swimming club and socialising	-	115	115
4919/1/2	Swimming club and socialising	-	115	115
4919/1/3	Swimming club and socialising	-	115	115
4919/1/4	Swimming club and socialising	-	115	115
4919/1/5	Swimming club and socialising	-	115	115
4919/1/6	Swimming club and socialising	-	115	115
4919/1/7	Swimming club and socialising	-	115	115
4919/1/8	Swimming club and socialising	-	115	115
4919/1/9	Swimming club and socialising	-	115	115
4919/1/10	Swimming club and socialising	-	115	115
4963/1/1	Attending parkrun and swimming	-	104	104
4790/1/1	Attending parkrun and walking on beach	-	104	104

Person ID number	Main activities	Indoor occupancy	Outdoor occupancy	Total occupancy
0 – 0.25 km zone				
4791/1/1	Volunteering at parkrun	-	104	104
4792/1/1	Attending parkrun and walking on beach	-	104	104
4949/1/1	Dog walking	-	104	104
4949/2/1	Dog walking	-	104	104
5127/1/1	Dog walking and sitting on the beach	-	100	100
4911/1/1	Dog walking and playing	-	96	96
4911/2/1	Dog walking and playing	-	96	96
5131/1/1	Dog walking and swimming	-	92	92
4826/1/1	Dog walking and swimming	-	87	87
4826/2/1	Dog walking and swimming	-	87	87
4966/1/1	Angling	-	78	78
4793/1/1	Attending parkrun	-	78	78
4840/1/1	Dog walking	-	78	78
5130/2/1	Dog walking	-	78	78
4793/1/2	Attending parkrun	-	78	78
4793/1/3	Attending parkrun	-	78	78
4793/1/4	Attending parkrun	-	78	78
4793/1/5	Attending parkrun	-	78	78
4793/1/6	Attending parkrun	-	78	78
4793/1/7	Attending parkrun	-	78	78
4793/1/8	Attending parkrun	-	78	78
4793/1/9	Attending parkrun	-	78	78
4793/1/10	Attending parkrun	-	78	78
4926/1/1	Playing	-	65	65

Person ID number	Main activities	Indoor occupancy	Outdoor occupancy	Total occupancy
0 – 0.25 km zone				
4926/2/1	Playing	-	65	65
4926/3/1	Playing	-	65	65
4926/4/1	Playing	-	65	65
4926/5/1	Playing	-	65	65
4910/1/1	Playing	-	54	54
4910/2/1	Playing	-	54	54
5130/1/1	Dog walking	-	52	52
4831/4/1	Angling	-	50	50
4831/5/1	Angling	-	50	50
4831/6/1	Angling	-	50	50
4831/1/1	Angling	-	48	48
4831/2/1	Angling	-	48	48
4831/1/2	Angling	-	48	48
4831/2/2	Angling	-	48	48
4831/1/3	Angling	-	48	48
4831/2/3	Angling	-	48	48
4831/1/4	Angling	-	48	48
4831/1/5	Angling	-	48	48
4831/1/6	Angling	-	48	48
4831/1/7	Angling	-	48	48
4821/1/1	Angling	-	42	42
4944/1/1	Playing	-	40	40
4944/3/1	Playing	-	40	40
4944/4/1	Playing	-	40	40

Person ID number	Main activities	Indoor occupancy	Outdoor occupancy	Total occupancy
0 – 0.25 km zone				
4944/5/1	Playing	-	40	40
5134/1/1	Dog walking	-	36	36
4795/1/1	Dog walking	-	26	26
4839/3/1	Visiting family	20	7	26
4839/4/1	Visiting family	20	7	26
5119/1/1	Working	-	21	21
5119/2/1	Attending beach school	-	21	21
5119/2/2	Attending beach school	-	21	21
5119/2/3	Attending beach school	-	21	21
5119/2/4	Attending beach school	-	21	21
5119/2/5	Attending beach school	-	21	21
5119/2/6	Attending beach school	-	21	21
5119/2/7	Attending beach school	-	21	21
5119/2/8	Attending beach school	-	21	21
5119/2/9	Attending beach school	-	21	21
5119/2/10	Attending beach school	-	21	21
4821/2/1	Angling	-	12	12
4821/3/1	Angling	-	12	12
4824/1/1	Walking	-	12	12
4824/2/1	Walking	-	12	12
4967/1/1	Dog walking	-	8	8
4967/2/1	Dog walking	-	8	8
5132/1/1	Playing	-	8	8
5132/2/1	Playing	-	8	8

Person ID number	Main activities	Indoor occupancy	Outdoor occupancy	Total occupancy
0 – 0.25 km zone				
5132/3/1	Playing	-	8	8
5132/4/1	Playing	-	8	8
5132/5/1	Playing	-	8	8
4805/1/1	Walking	-	6	6
4924/3/1	Walking	-	6	6
4924/4/1	Walking	-	6	6
4925/1/1	Walking	-	6	6
4925/3/1	Walking	-	6	6
>0.25 – 0.5 km zone				
4953/5/1	Residing	8628	12	8640
4828/1/1	Residing	6311	1556	7866
5123/2/1	Residing	6261	1418	7679
5123/1/1	Residing	5620	886	6507
4953/1/1	Working	1981	104	2086
4953/2/1	Working	1382	52	1434
4953/3/1	Working	469	52	521
4953/4/1	Working	365	52	417
5126/1/1	Angling and socialising	-	132	132
5124/1/1	Angling	-	52	52
5124/2/1	Angling	-	52	52
5124/3/1	Angling	-	52	52
5126/2/1	Angling and socialising	-	48	48
5126/2/2	Angling and socialising	-	48	48
4904/1/1	Working	-	42	42

Person ID number	Main activities	Indoor occupancy	Outdoor occupancy	Total occupancy
>0.25 – 0.5 km zone				
4929/1/1	Dog walking	-	12	12
>0.5 – 1.0 km zone				
4937/1/1	Residing	8577	183	8760
4810/1/1	Residing	6060	2556	8616
4810/2/1	Residing	6786	1830	8616
4938/2/1	Residing	7118	1304	8422
4895/2/1	Residing	7118	912	8030
4959/1/1	Residing	7215	549	7764
4959/3/1	Residing	7215	549	7764
4939/1/1	Residing	6828	823	7651
4939/2/1	Residing	6129	1368	7497
5122/3/1	Residing and working	5667	1735	7402
4935/1/1	Residing	6803	235	7038
5122/7/1	Residing	6836	118	6954
4959/2/1	Residing	6633	229	6861
4939/3/1	Residing	6461	142	6602
4811/1/1	Residing	6003	411	6414
4938/1/1	Residing	4920	1304	6223
5122/5/1	Residing	6075	117	6192
5122/4/1	Residing	5175	706	5881
4895/1/1	Residing	5266	366	5632
4935/2/1	Residing	5051	392	5443
5122/6/1	Residing	4123	548	4671
4940/1/1	Working	1591	887	2478

Person ID number	Main activities	Indoor occupancy	Outdoor occupancy	Total occupancy
>0.5 – 1.0 km zone				
4940/2/1	Working	1591	887	2478
4940/5/1	Working	209	2270	2478
4940/2/2	Working	1591	887	2478
5122/1/1	Working	1490	186	1676
5122/2/1	Working	1118	140	1257
4940/3/1	Working	547	287	834
4940/4/1	Working	547	287	834
4940/6/1	Working	104	730	834
4940/4/2	Working	547	287	834
4940/4/3	Working	547	287	834
4940/4/4	Working	547	287	834
4940/4/5	Working	547	287	834
4940/4/6	Working	547	287	834
4930/1/1	Working	-	117	117
4930/2/1	Working	-	117	117
4835/1/1	Working	-	30	30

Table 81. Analysis of direct radiation occupancy rates for adults, children and infants in the Sizewell area (h y⁻¹)

0 – 0.25 km zone	
Number of hours	Number of observations
>8000 to 8760	2
>7000 to 8000	4
>6000 to 7000	1
>5000 to 6000	0
>4000 to 5000	2
>3000 to 4000	0
>2000 to 3000	0
>1000 to 2000	3
0 to 1000	114
0 to 8760	126
>0.25 – 0.5 km zone	
Number of hours	Number of observations
>8000 to 8760	1
>7000 to 8000	2
>6000 to 7000	1
>5000 to 6000	0
>4000 to 5000	0
>3000 to 4000	0
>2000 to 3000	1
>1000 to 2000	1
0 to 1000	10
0 to 8760	16
>0.5 – 1.0 km zone	
Number of hours	Number of observations
>8000 to 8760	5
>7000 to 8000	6
>6000 to 7000	6
>5000 to 6000	3
>4000 to 5000	1
>3000 to 4000	0
>2000 to 3000	4
>1000 to 2000	2
0 to 1000	11
0 to 8760	38

Table 82. Gamma dose rate measurements ($\mu\text{Gy h}^{-1}$) for the Sizewell direct radiation survey area

Location	Indoor substrate	Indoor gamma dose rate at 1 metre ^a	Outdoor substrate	Outdoor gamma dose rate at 1 metre ^a
Residences				
Residence 1	Wood	0.082	Grass	0.064
Residence 2	Concrete	0.090	Grass	0.061
Residence 3	Wood	0.085	Grass	0.063
Residence 4	Concrete	0.083	Stones	0.080
Residence 5	Wood	0.081	Grass	0.060
Residence 6	Not recorded	Not recorded	Grass	0.059
Residence 7	Wood	0.078	Grass	0.069
Residence 8	Concrete	0.089	Grass	0.066
Residence 9	Not recorded	Not recorded	Grass	0.068
Residence 10	Concrete	0.063	Grass	0.064
Residence 11	Concrete	0.090	Grass	0.065
Residence 12	Concrete	0.077	Grass	0.071
Residence 13	Concrete	0.074	Grass	0.063
Residence 14	Not recorded	Not recorded	Wood	0.053
Residence 15	Not recorded	Not recorded	Stones	0.074
Businesses				
Business 1	Not recorded	Not recorded	Grass	0.060

Notes

^a These measurements have not been adjusted for background dose rates

Table 83. Background gamma dose rate measurements for the Sizewell survey area ($\mu\text{Gy h}^{-1}$)

	Location	National Grid Reference	Substrate	Gamma dose rate at 1 metre
Background 1	West	TM 423 644	Grass	0.074
Background 2	South	TM 455 588	Grass	0.062
Background 3	North	TM 442 687	Grass	0.051

Table 84. Combinations of adult pathways for consideration in dose assessments in the Sizewell area

Combination number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary	
1														X		X														
2											X																		X	X
3						X	X	X		X			X																X	X
4						X	X	X	X	X			X	X																
5	X	X																					X				X			
6		X	X																								X			
7		X																									X	X		
8						X	X	X	X	X				X																
9						X	X	X	X					X															X	X
10						X	X	X	X	X						X													X	X
11																			X	X					X		X	X		
12	X																		X						X	X		X		
13		X	X																X						X	X		X		
14												X		X															X	X
15	X	X																					X				X			
16	X	X																					X		X			X		
17																							X		X					

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Combination number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary	
18	X	X												X								X	X					X	X	
19		X																					X	X			X		X	X
20	X		X																				X	X			X		X	X
21	X																						X	X	X			X	X	X
22	X																						X	X			X	X	X	X
23	X																			X			X	X					X	X
24						X	X	X	X	X												X	X	X					X	X
25																			X				X	X		X	X	X	X	X
26	X	X			X												X			X			X				X			
27	X	X				X	X	X	X	X					X															
28	X	X						X	X	X				X	X								X		X			X	X	X
29						X	X	X	X	X					X	X								X			X			
30						X	X	X	X	X					X								X	X			X		X	X
31								X	X	X				X	X			X												
32	X			X															X	X						X		X		

Notes for Table 84

The food groups and external pathways marked with a cross are combined for the corresponding combination number. For example, combination number 5 represents an individual (or individuals) from Annex 1 who had positive data for the following pathways: sea fish, crustaceans, occupancy over sand and stones, occupancy in water.

Annex 1. Adults' consumption rates (kg y⁻¹) and occupancy rates (h y⁻¹) in the Sizewell area

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
4783/1/1	7.6	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-	-	20	-	-	-
4783/2/1	7.6	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-	-	20	-	-	-
4784/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124	-	-	-	31	-	-	-
4786/1/1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-
4787/1/1	13.7	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-	-	-	-	-
4788/1/1	-	-	-	-	-	7.6	2.0	50.3	62.5	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4790/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-	-	-	0	104
4791/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	104
4792/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	0	104
4793/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4793/1/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4793/1/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4793/1/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4793/1/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4793/1/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4793/1/7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4793/1/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4793/1/9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4793/1/10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78
4795/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	0	26
4797/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	-	-	-	35	-	0	139
4798/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-
4798/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-
4799/1/1	3.9	3.0	-	-	-	5.5	17.1	15.1	7.0	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4799/2/1	3.9	3.0	-	-	-	5.5	17.1	15.1	7.0	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4799/3/1	-	-	-	-	-	5.5	17.1	15.1	7.0	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4799/4/1	-	-	-	-	-	5.5	17.1	15.1	7.0	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4800/1/1	-	-	-	-	-	3.3	7.2	23.4	35.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
4800/2/1	-	-	-	-	-	3.3	7.2	23.4	35.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4801/1/1	-	-	-	-	-	2.4	2.4	0.2	11.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4803/1/1	8.4	2.1	-	-	-	11.1	6.2	17.9	40.0	3.0	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4803/2/1	8.4	2.1	-	-	-	11.1	6.2	17.9	40.0	3.0	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4803/3/1	8.4	2.1	-	-	-	11.1	6.2	17.9	40.0	3.0	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4804/1/1	-	-	-	-	-	10.8	28.2	14.2	17.0	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4804/2/1	-	-	-	-	-	10.8	28.2	14.2	17.0	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4805/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	261	-	-	99	-	0	6
4810/1/1	-	-	-	-	-	5.9	65.2	4.5	-	5.4	-	-	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6060	2556
4810/2/1	-	-	-	-	-	5.9	65.2	4.5	-	5.4	-	-	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6786	1830
4811/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6003	411
4814/1/1	-	-	-	-	-	11.2	90.0	32.2	60.0	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4814/2/1	-	-	-	-	-	11.2	90.0	32.2	60.0	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4816/1/1	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-
4816/2/1	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-
4817/1/1	-	1.6	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-
4818/1/1	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	-	-	-
4819/1/1	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	30	-	-
4819/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4819/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-
4819/4/1	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-
4820/1/1	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-
4820/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4820/2/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4820/2/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4820/2/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4820/2/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4820/2/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4820/2/7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
4820/2/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	
4820/2/9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-
4820/2/10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-
4820/3/1	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-
4821/1/1	45.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	42	21	-	-	-	-	0	42
4821/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	12	6	-	-	-	-	0	12
4821/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	12	6	-	-	-	-	0	12
4821/4/1	45.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4822/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1680	-	-	2160	-	-
4824/1/1	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	-	-	-	-	0	12
4824/2/1	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	-	-	-	-	0	12
4826/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	52	-	-	13	-	0	87
4826/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	52	-	-	13	-	0	87
4828/1/1	-	-	-	-	-	1.3	16.3	12.5	32.3	-	-	-	-	-	-	-	-	-	-	-	-	365	12	-	-	-	-	6311	1556
4829/1/1	-	-	-	-	-	2.0	-	-	20.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4830/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	235	-	-	235	0	548
4830/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	235	-	-	235	0	548
4830/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	235	-	-	235	0	313
4831/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/1/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/1/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/1/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/1/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/1/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/1/7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/2/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/2/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/3/1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	133	108	-	-	25	110	0	158

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary	
4831/4/1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	25	-	0	50	
4831/7/1	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4833/1/1	-	-	-	-	-	-	40.5	7.9	22.7	25.7	-	-	-	-	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4833/2/1	-	-	-	-	-	-	40.5	7.9	22.7	25.7	-	-	-	-	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4834/1/1	-	-	-	-	-	75.6	17.0	72.3	90.9	1.4	-	-	-	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4834/2/1	-	-	-	-	-	75.6	17.0	72.3	90.9	1.4	-	-	-	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4835/1/1	-	-	-	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	30	
4835/2/1	-	-	-	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4835/3/1	-	-	-	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4835/4/1	-	-	-	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4835/5/1	-	-	-	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4835/6/1	-	-	-	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4837/1/1	2.8	3.6	-	-	-	33.6	15.3	2.9	23.9	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4838/1/1	3.2	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165	9	-	-	36	-	0	235
4838/2/1	3.2	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165	9	-	-	36	-	0	235
4839/1/1	-	-	-	-	-	-	9.0	-	-	-	-	-	-	35.7	-	-	-	-	-	-	-	-	-	-	-	-	-	5066	2011	
4839/2/1	-	-	-	-	-	-	9.0	-	-	-	-	-	-	35.7	-	-	-	-	-	-	-	-	-	-	-	-	-	8538	39	
4839/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	7	
4840/1/1	-	-	-	-	-	-	-	-	-	-	-	0.8	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0	78	
4840/2/1	-	-	-	-	-	-	-	-	-	-	-	0.8	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4840/3/1	-	-	-	-	-	-	-	-	-	-	-	0.8	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4840/4/1	-	-	-	-	-	-	-	-	-	-	-	0.8	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4843/1/1	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	67	-	-	-	
4843/2/1	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4844/1/1	34.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4844/2/1	22.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4844/3/1	22.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4844/4/1	22.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4845/1/1	1.2	0.7	-	-	-	-	-	-	-	1.0	-	-	-	26.7	2.0	-	-	-	-	-	-	-	730	-	-	-	-	-	3129	4380

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary	
4845/2/1	-	-	-	-	-	-	-	-	-	1.0	-	-	-	17.8	2.0	-	-	-	-	-	-	365	-	-	-	-	-	5658	1825	
4845/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	11.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4845/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	11.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4845/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	11.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4883/1/1	26.1	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605	1296	-	-	1303	-	-	
4883/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	448	1177	-	-	1303	-	-	
4883/3/1	26.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4885/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2286	-	-	
4885/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	
4885/2/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	
4885/2/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	
4885/2/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	
4885/2/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-	
4889/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	
4889/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	
4890/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	16	-	-	-	-	
4890/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	16	-	-	-	-	
4891/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	1786	-	-
4891/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	893	-	-	
4891/2/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	893	-	-	
4891/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	893	-	-	
4891/3/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	893	-	-	
4893/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	20	-	-	39	0	1506
4893/2/1	1.2	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4895/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	365	-	-	-	-	-	5266	366
4895/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	7118	912
4900/1/1	-	-	-	-	-	2.7	-	-	-	-	-	-	-	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4900/2/1	-	-	-	-	-	2.7	-	-	-	-	-	-	-	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4900/3/1	-	-	-	-	-	2.7	-	-	-	-	-	-	-	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary	
4903/1/1	-	-	-	-	-	-	-	-	25.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4903/2/1	-	-	-	-	-	-	-	-	25.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4904/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	42	
4905/1/1	1.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5998	671		
4910/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	3	-	0	54	
4910/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	3	-	0	54	
4911/1/1	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	-	-	-	0	96	
4911/2/1	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	-	-	-	0	96	
4912/1/1	29.1	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	371	-	-	-	-	-	0	365	
4914/1/1	-	-	-	-	-	2.8	-	5.1	-	4.2	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	61	-	7420	352	
4914/2/1	-	-	-	-	-	2.8	-	5.1	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7610	732		
4919/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/1/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/1/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/1/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/1/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/1/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/1/7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/1/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/1/9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/1/10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	28	-	0	115	
4919/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	269	-	-	-	28	-	0	297	
4919/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	269	-	-	-	28	-	0	297	
4919/4/1	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	269	-	-	-	28	-	0	297	
4919/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	269	-	-	-	28	-	0	297	
4919/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	269	-	-	-	28	-	0	297	
4924/1/1	-	-	-	-	-	36.4	25.3	32.7	10.0	6.4	-	-	-	8.9	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	
4924/2/1	-	-	-	-	-	36.4	25.3	32.7	10.0	6.4	-	-	-	8.9	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	
4924/3/1	-	-	-	-	-	4.6	3.2	4.1	1.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	6		

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
4924/4/1	-	-	-	-	-	4.6	3.2	4.1	1.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	6	
4924/5/1	-	-	-	-	-	4.6	3.2	4.1	1.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4924/6/1	-	-	-	-	-	4.6	3.5	4.1	1.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4924/7/1	-	-	-	-	-	4.6	3.5	4.1	1.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4925/1/1	-	-	-	-	-	5.0	6.2	7.0	2.2	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0	6
4925/2/1	-	-	-	-	-	5.0	6.2	7.0	2.2	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4925/3/1	-	-	-	-	-	5.0	6.2	7.0	2.2	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0	6
4925/4/1	-	-	-	-	-	5.0	6.2	7.0	2.2	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4926/1/1	-	-	-	-	-	13.3	26.2	1.3	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0	65
4926/2/1	-	-	-	-	-	13.3	26.2	1.3	-	-	-	-	-	-	0.4	-	-	-	-	-	-	105	-	-	-	26	-	0	65
4927/1/1	-	-	-	-	-	29.2	21.6	10.3	115.2	45.9	-	-	-	-	1.6	2.7	-	-	-	-	-	-	26	-	-	26	-	-	-
4927/2/1	-	-	-	-	-	7.3	5.4	2.6	28.8	11.5	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	26	-	-	-
4927/3/1	-	-	-	-	-	7.3	5.4	2.6	28.8	11.5	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	26	-	-	-
4927/4/1	-	-	-	-	-	7.3	5.4	2.6	28.8	11.5	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	26	-	-	-
4927/5/1	-	-	-	-	-	7.3	5.4	2.6	28.8	11.5	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	26	-	-	-
4927/6/1	-	-	-	-	-	7.3	5.4	2.6	28.8	11.5	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	26	-	-	-
4927/7/1	-	-	-	-	-	7.3	5.4	2.6	28.8	11.5	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	26	-	-	-
4928/1/1	-	-	-	-	-	24.6	46.2	11.8	50.5	-	-	-	-	-	-	-	-	-	-	-	-	417	-	-	-	-	-	0	626
4928/2/1	-	-	-	-	-	24.6	46.2	11.8	50.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4929/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	-	-	192	-	0	12	
4930/1/1	26.1	12.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1616	-	-	2346	0	117
4930/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1616	-	-	2346	0	117
4931/1/1	18.2	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4931/2/1	18.2	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4933/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1635	35	
4933/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1635	35	
4933/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	17	
4933/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	17	
4933/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	17	

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
4935/1/1	3.0	1.5	-	-	-	-	-	-	-	2.0	-	-	-	10.4	1.5	-	-	-	-	-	-	-	-	-	-	-	-	6803	235
4935/2/1	3.0	1.5	-	-	-	-	-	-	-	2.0	-	-	-	10.4	1.5	-	-	-	-	-	-	-	-	-	-	-	-	5051	392
4937/1/1	-	-	-	-	-	-	4.0	-	-	-	-	-	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8577	183
4938/1/1	-	-	-	-	-	-	-	-	-	0.4	-	-	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	4920	1304
4938/2/1	-	-	-	-	-	-	-	-	-	0.4	-	-	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	7118	1304
4939/1/1	-	-	-	-	-	10.5	10.0	13.4	13.3	4.9	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	4	-	6828	823
4939/2/1	-	-	-	-	-	10.5	10.0	13.4	13.3	4.9	-	-	-	-	-	-	-	-	-	-	-	180	-	-	-	39	-	6129	1368
4939/3/1	-	-	-	-	-	10.5	10.0	13.4	13.3	4.9	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-	-	6461	142
4940/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1591	887
4940/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1591	887
4940/2/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1591	887
4940/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209	2270
4940/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	730
4941/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	942	-	-
4941/1/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	942	-	-
4941/1/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	942	-	-
4941/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/7/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/8/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary	
4941/9/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-	
4941/10/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/11/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/12/10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4944/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	72	-	-	-	10	0	40
4944/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-	-	-	-
4944/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	10	0	40
4945/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	-	-	-	-	-	0	196
4947/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-
4947/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-
4947/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141	-	-
4947/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-
4947/4/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-
4947/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-
4947/5/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-
4947/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-
4947/6/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-
4948/1/1	-	-	-	-	-	28.6	24.8	21.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4949/1/1	-	-	-	-	-	10.3	20.5	5.0	42.5	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	0	104
4949/2/1	-	-	-	-	-	10.3	20.5	5.0	42.5	6.8	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	104	0	104

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary	
4949/3/1	-	-	-	-	-	2.6	5.1	1.3	10.6	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4949/4/1	-	-	-	-	-	2.6	5.1	1.3	10.6	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4950/1/1	17.7	-	-	-	-	24.3	52.1	45.3	60.0	18.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4950/2/1	17.7	-	-	-	-	24.3	52.1	45.3	60.0	18.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4950/3/1	-	-	-	-	-	3.0	6.5	5.7	7.5	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4950/4/1	-	-	-	-	-	3.0	6.5	5.7	7.5	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4951/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	27.9	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	
4951/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	27.9	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	
4951/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	
4951/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	
4951/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	
4951/7/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	
4951/8/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
4951/9/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
4952/1/1	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1199	-	-	
4952/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1043	-	-	
4952/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	626	-	-	
4952/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	626	-	-	
4952/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209	-	-	
4952/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	-	
4952/7/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	-	
4952/8/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	-	
4952/9/1	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	209	-	-	
4952/10/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	183	-	3	-	35	156	-	-
4952/11/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	57	-	3	-	70	156	-	-
4952/12/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	-	
4952/12/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	-	
4952/12/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	-	
4952/12/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	-	

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary	
4952/13/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	52	-	3	-	-	-	-		
4953/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1981	104	
4953/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1382	52	
4953/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	469	52	
4953/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	365	52	
4953/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8628	12	
4954/1/1	-	0.5	-	-	-	12.2	10.6	6.8	50.0	15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4954/2/1	-	0.5	-	-	-	12.2	10.6	6.8	50.0	15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4954/3/1	-	-	-	-	-	2.7	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4954/4/1	-	-	-	-	-	2.7	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4954/5/1	-	-	-	-	-	2.7	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4954/6/1	-	-	-	-	-	2.7	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4955/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7662	-	-	
4956/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	
4957/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1151	-	-	1989	-	-	
4958/1/1	-	2.2	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	-	-	-	-	39	52	-	1330	-	-	
4959/1/1	11.4	0.6	-	-	-	-	-	0.7	2.2	5.9	-	-	-	8.9	-	-	-	-	-	-	-	-	228	-	-	-	-	7215	549	
4961/1/1	-	-	-	-	-	10.9	29.0	34.0	6.4	3.6	-	-	8.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4961/2/1	-	-	-	-	-	10.9	29.0	34.0	6.4	3.6	-	-	8.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4961/3/1	-	-	-	-	-	10.9	29.0	34.0	6.4	3.6	-	-	8.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4961/4/1	-	-	-	-	-	10.9	29.0	34.0	6.4	3.6	-	-	8.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4962/1/1	31.3	2.6	-	-	-	-	-	-	-	-	-	-	-	44.6	-	-	-	-	-	-	-	-	261	52	-	-	-	4205	755	
4962/2/1	31.3	2.6	-	-	-	-	-	-	-	-	-	-	-	44.6	-	-	-	-	-	-	-	-	704	-	-	-	-	2725	1864	
4963/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	6	-	-	16	-	104	
4966/1/1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-	-	0	78	
4967/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	8	-	-	-	0	8	
4967/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	8	-	-	-	0	8	
4968/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	521	261	-	-	-	209	-	-
4968/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	521	261	-	-	-	209	-	-

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
4968/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	521	261	-	-	-	209	-	-	
4968/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	521	261	-	-	-	209	-	-
4969/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	924	-	-
4969/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	924	-	-
4969/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	924	-	-
4969/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/5/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/5/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/5/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/5/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/5/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/5/7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
5114/1/1	54.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2150	-	-	4013	-	-
5114/2/1	54.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5114/6/1	54.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5114/7/1	54.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5114/8/1	54.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5114/9/1	54.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5115/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-	2427	-	-	2788	-	-
5115/2/1	-	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	1825	-	-	2086	-	-
5115/3/1	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5117/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	-	587	-	522	-	-

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
5117/2/1	26.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	300	587	-	2055	-	-
5117/3/1	26.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5118/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5119/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5119/2/10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	21
5121/1/1	-	-	-	-	-	-	-	12.9	55.6	1.1	-	-	2.1	-	0.4	-	-	2.9	-	-	-	-	-	-	-	-	-	-	-
5121/2/1	-	-	-	-	-	-	-	12.9	55.6	1.1	-	-	2.1	-	0.4	-	-	2.9	-	-	-	-	-	-	-	-	-	-	-
5122/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1490	186
5122/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1118	140
5122/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	261	52	-	-	-	-	5667	1735
5122/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	305	52	-	-	-	-	5175	706
5122/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	52	-	-	-	-	4123	548
5122/7/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	52	-	-	-	-	6836	118
5123/1/1	-	-	-	-	-	11.7	38.0	9.9	30.3	10.2	-	-	-	-	-	-	-	-	-	-	-	292	73	-	-	-	-	5620	886
5123/2/1	-	-	-	-	-	11.7	38.0	9.9	30.3	10.2	-	-	-	-	-	-	-	-	-	-	-	1	42	73	-	-	-	6261	1418
5124/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209	104	-	-	-	-	0	52
5124/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209	104	-	-	-	-	0	52
5124/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209	104	-	-	-	-	0	52
5125/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	60	-	-	-	-	0	192
5125/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	60	-	-	-	-	0	192

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
5126/1/1	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	-	-	-	-	0	132
5126/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	-	-	-	-	0	48
5126/2/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	-	-	-	-	0	48
5127/1/1	-	-	-	-	-	15.9	6.7	1.1	7.6	7.0	-	-	-	-	2.3	-	-	-	-	-	-	75	16	-	-	-	-	0	100
5127/2/1	-	-	-	-	-	15.9	6.7	1.1	7.6	7.0	-	-	-	-	2.3	-	-	-	-	-	-	81	22	-	-	11	-	0	117
5128/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	6	-	-	54	-	0	156
5129/1/1	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	-	11	-	-	-
5129/2/1	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	-	11	-	-	-
5129/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1050	-	-
5129/3/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1050	-	-
5129/3/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1050	-	-
5129/3/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1050	-	-
5130/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	52	-	-	-	-	0	52
5130/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-	-	0	78
5131/1/1	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	72	-	-	33	-	0	92
5132/1/1	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	1724	-	-	3472	0	8
5132/2/1	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	-	-	-	-	0	8
5133/1/1	3.5	3.0	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	2	-	-	1	-	-	-	105	-	-
5133/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105	-	-
5133/3/1	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5133/4/1	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5134/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	36	68	-	365	1	622	0	36
5134/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	365	-	365	-	-
5134/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	365	-	365	-	-
5134/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	257	-	-
5134/4/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	257	-	-
5134/4/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	257	-	-
5134/4/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	257	-	-
5134/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	257	-	-

Person ID number	Sea fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Wild fungi	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Handling sediment	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
5134/5/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	257	-	-
5134/5/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	257	-	-
5135/1/1	-	-	-	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	190	19	-	-	-	-	1511	-	1303	-	-
5135/2/1	-	-	-	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5135/3/1	11.3	-	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	19	-	-	-	-	37	-	104	-	-
5135/4/1	11.3	-	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5135/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	19	-	-	-	-	37	-	-	-	-
5135/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	171	-	-	-	-	-	1474	-	1303	-	-
5135/7/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	434	-	434	-	-	
5135/8/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	434	-	434	-	-	
5135/9/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	434	-	434	-	-	

Notes

The emboldened observations are the high-rate individuals

U = Unknown

Annex 2. Children's consumption rates (kg y⁻¹) and occupancy rates (h y⁻¹) in the Sizewell area

Person ID number	Fish	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Poultry	Eggs	Wild/free foods	Honey	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
4831/5/1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	25	-	0	50
4835/7/1	-	-	-	-	-	-	16.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4835/10/1	-	-	-	-	-	-	16.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4890/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	16	-	-	-	-
4924/8/1	-	4.6	3.5	4.1	1.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4926/5/1	-	0.9	1.7	0.1	-	-	-	-	-	0.0	-	-	-	-	-	39	-	-	26	-	0	65
4941/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4944/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	10	0	40
4949/5/1	-	1.9	3.9	0.9	8.0	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4949/6/1	-	1.9	3.9	0.9	8.0	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4952/14/1	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	52	-	3	-	-	-	-
4952/15/1	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	52	-	3	-	-	-	-
4952/16/1	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	39	-	3	-	-	-	-
4952/17/1	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	39	-	3	-	-	-	-
4969/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/7/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/8/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/9/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/10/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/11/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/12/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/13/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
5114/3/1	41.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5114/4/1	41.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5121/3/1	-	-	-	12.9	55.6	1.1	-	2.1	-	0.4	-	2.9	-	-	-	-	-	-	-	-	-	-
5121/4/1	-	-	-	12.9	55.6	1.1	-	2.1	-	0.4	-	2.9	-	-	-	-	-	-	-	-	-	-
5121/5/1	-	-	-	12.9	55.6	1.1	-	2.1	-	0.4	-	2.9	-	-	-	-	-	-	-	-	-	-
5122/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	52	-	-	-	6075	117
5132/3/1	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	-	-	-	0	8

Notes for Annex 2

The emboldened observations are the high-rate individuals

U = Unknown

Annex 3. Infants' consumption rates (kg y⁻¹) and occupancy rates (h y⁻¹) in the Sizewell area

Person ID number	Fish	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Poultry	Eggs	Wild/free foods	Honey	Venison	Intertidal occupancy over mud	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
4831/6/1	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	25	0	50
4835/8/1	-	-	-	-	-	-	10.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4835/9/1	-	-	-	-	-	-	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4839/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	7
4890/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	16	-	-	-	-
4890/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	16	-	-	-	-
4924/9/1	-	1.5	1.2	1.4	0.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4926/3/1	-	0.6	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	26	0	65
4926/4/1	-	0.6	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	26	0	65
4944/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	10	0	40
4949/7/1	-	1.3	2.6	0.6	5.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4951/3/1	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-
4959/2/1	3.6	-	-	0.3	1.1	3.4	-	-	4.5	-	-	-	-	-	-	137	-	-	-	-	6633	229
4959/3/1	2.4	-	-	0.2	0.7	2.3	-	-	2.9	-	-	-	-	-	-	229	-	-	-	-	7215	549
5114/5/1	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5121/6/1	-	-	-	3.2	13.9	0.3	-	0.5	-	0.1	-	0.7	-	-	-	-	-	-	-	-	-	-
5132/4/1	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	-	-	-	0	8
5132/5/1	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	-	-	-	0	8

Notes

The emboldened observations are the high-rate individuals

U = Unknown

Annex 4. Qualitative and estimated data for use in dose assessments

Details of activity	Exposure pathways involved	Estimated rate
Consumption of food originating from the terrestrial survey area	Consumption of pork (pig meat)	26.1 kg y ⁻¹

Notes

Based on information obtained in the survey, it was assumed that pig meat was still being consumed in 2025. Therefore, the maximum consumption rate from 2015 (26.1 kg y⁻¹) is considered for radiological dose assessment purposes and has been included in Annex 7.

Annex 5. Ratios for determining consumption and occupancy rates for children and infants

Group	Ratio ^a	
	Child ^e /adult	Infant ^e /adult
Sea fish ^b	0.200	0.050
Crustaceans ^b	0.250	0.050
Molluscs ^b	0.250	0.050
Green vegetables	0.444	0.222
Other vegetables	0.500	0.200
Root vegetables	0.500	0.375
Potato	0.708	0.292
Domestic fruit	0.667	0.467
Milk	1.000	1.333
Cattle meat	0.667	0.222
Pig meat	0.625	0.138
Sheep meat	0.400	0.120
Poultry	0.500	0.183
Eggs	0.800	0.600
Wild/free foods ^c	0.490	0.110
Game ^d	0.500	0.140
Honey	0.789	0.789
Wild fungi	0.450	0.150
Freshwater fish ^b	0.250	0.050
External exposure over aquatic substrates ^b	0.500	0.030

Notes

^a Excepting notes b and c, consumption ratios were derived from Byrom and others (1995) which presented data for infants aged 6 to 12 months and children aged 10 to 11 years.

^b Ratios were derived from Smith and Jones (2003) which presented data for infants and children of unspecified ages.

^c Ratios were derived from FSA data for wild fruit and nuts for infants and children of 10 years old.

^d Game includes rabbits/hares and venison.

^e Note that the age ranges within the age groups in this table do not correspond exactly with the age ranges within the age groups used throughout the rest of this report.

Annex 6. Consumption rates (kg y⁻¹) and occupancy rates (h y⁻¹) for women of childbearing age^a in the Sizewell area

Person ID number	Fish	Crustaceans	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Venison	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
4799/3/1	-	-	5.5	17.1	15.1	7.0	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4799/4/1	-	-	5.5	17.1	15.1	7.0	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4826/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	52	-	13	-	-	0	87
4831/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/2/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/2/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	48	-	-	-	-	0	48
4831/4/1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	25	-	-	0	50
4835/3/1	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4835/4/1	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4839/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	7
4840/3/1	-	-	-	-	-	-	-	-	0.8	-	1.0	-	-	-	-	-	-	-	-	-	-	-
4845/3/1	-	-	-	-	-	-	-	-	-	-	11.9	-	-	-	-	-	-	-	-	-	-	-
4845/4/1	-	-	-	-	-	-	-	-	-	-	11.9	-	-	-	-	-	-	-	-	-	-	-
4883/3/1	26.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4890/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	16	-	-	-	-
4891/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	893	-	-
4891/3/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	893	-	-
4911/2/1	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	-	-	-	0	96
4924/6/1	-	-	4.6	3.5	4.1	1.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4933/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	17
4933/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	17
4940/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1591	887
4940/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4940/4/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	547	287
4941/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-

Person ID number	Fish	Crustaceans	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Venison	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary	
4941/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-	
4941/8/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4941/10/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-
4944/5/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	10	0	40
4947/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-
4949/3/1	-	-	2.6	5.1	1.3	10.6	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4950/4/1	-	-	3.0	6.5	5.7	7.5	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4951/7/1	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	-	-	-
4952/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	-
4952/7/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	-
4953/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	469	52
4953/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	365	52
4954/6/1	-	-	2.7	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4959/1/1	11.4	0.6	-	-	0.7	2.2	5.9	-	-	-	8.9	-	-	-	-	229	-	-	-	-	-	7215	549
4961/3/1	-	-	10.9	29.0	34.0	6.4	3.6	-	-	8.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-
4962/1/1	31.3	2.6	-	-	-	-	-	-	-	-	44.6	-	-	-	-	261	52	-	-	-	-	4205	755
4962/2/1	31.3	2.6	-	-	-	-	-	-	-	-	44.6	-	-	-	-	-	704	-	-	-	-	2725	1864
4967/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	8	-	-	-	-	0	8
4969/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	924	-	-
4969/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	924	-	-
4969/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
4969/4/7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714	-	-
5114/2/1	54.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5115/3/1	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5119/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	0	1095
5121/1/1	-	-	-	-	12.9	55.6	1.1	-	-	2.1	-	0.4	-	2.9	-	-	-	-	-	-	-	-	-
5127/2/1	-	-	15.9	6.7	1.1	7.6	7.0	-	-	-	-	2.3	-	-	-	81	22	-	11	-	-	0	117

Person ID number	Fish	Crustaceans	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle meat	Sheep meat	Poultry	Eggs	Wild/free foods	Honey	Venison	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Occupancy in water	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
5132/2/1	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	-	-	-	0	8
5134/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	257	-	-
5134/4/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	257	-	-
5134/4/3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	257	-	-
5134/4/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	257	-	-

Notes

The emboldened observations are the high-rate individuals

U = Unknown

^a Based on National Statistics guidelines, women were deemed to be of childbearing age if they were between 15 and 44 years old. Women of unknown age were included as they were potentially women of childbearing age

Annex 7. Summary of profiles for adults in the Sizewell area for use in the assessment of total dose

Profile Name	Pathway Name	Number of Individuals	Radiological Habits Surveys: Sizewell 2025																											
			Notes	Crustacea	Direct	Eggs	Fish - Sea	Fruit - Domestic	Fruit and nuts - Wild	Gamma ext – Salt marsh	Gamma ext - Sediments	Honey	Marine plants/algae	Meat - Cow	Meat - Game	Meat - Pig	Meat - Poultry	Meat - Sheep	Meat - Wildfowl	Mollusca	Mushrooms	Occupancy IN water	Occupancy ON water	Plume (IN; 0-0.25 km)	Plume (MID; 0.25-0.5 km)	Plume (OUT; 0.5-1 km)	Vegetables - Green	Vegetables - Other Domestic	Vegetables - Potatoes	Vegetables - Root
			Units	kg	1	kg	kg	kg	kg	h	2	kg	3	kg	4	5	kg	kg	kg	kg	kg	kg	h	h	6	6	6	kg	kg	kg
Crustacea Consumers	1		12.2	1.0	-	26.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2350	-	-	120	-	-	-	-	
Occupants for Direct Radiation	167		0.2	1.0	1.5	1.3	0.6	0.1	1	89	0.01	-	0.1	-	-	0.1	0.01	-	0.03	-	7	58	480	210	890	1.2	2.7	1.8	0.9	
Egg Consumers	8		0.7	0.8	32.6	8.0	0.3	0.5	-	260	0.7	-	-	-	-	-	-	-	-	-	-	-	5020	-	-	-	2.2	-	-	
Sea Fish Consumers	22		1.3	0.2	4.1	35.3	-	-	2	96	-	-	-	-	-	-	-	-	-	-	-	440	450	-	5	-	-	-	-	
Domestic Fruit Consumers	5		-	-	-	7.1	26.9	2.2	-	5	0.5	-	-	-	-	-	-	-	-	-	5	-	-	-	-	15.6	41.4	56.1	23.4	
Wild Fruit and Nut Consumers	7		0.1	0.6	6.4	0.2	16.2	2.8	-	190	0.4	-	-	-	-	-	-	-	-	-	5	-	2170	-	-	8.7	16.6	25.1	4.0	
Occupants over Salt Marsh	6		-	0.5	-	9.4	-	-	31	55	-	-	-	-	-	-	-	2.4	-	-	-	230	11	-	-	-	-	-	-	
Occupants over Sediments	30		0.5	0.7	4.5	4.2	0.4	0.2	-	430	-	-	-	-	-	-	-	-	-	-	15	120	900	480	630	1.3	3.4	3.8	1.1	
Honey Consumers	9		-	-	6.2	-	5.1	0.2	-	3	3.0	-	-	-	-	-	-	-	-	-	3	-	-	-	-	3.2	2.4	12.8	1.1	
Consumers of Marine Plants	3		1.0	-	-	1.2	-	-	1	1	-	1.5	-	-	-	-	-	-	-	0.3	-	35	-	-	-	-	-	-	-	
Cattle Meat Consumers	6		-	0.2	-	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	
Game Meat Consumers	2		-	-	-	-	1.1	0.4	-	-	-	-	-	2.9	-	2.1	-	-	-	-	-	-	-	-	-	-	-	55.6	12.9	
Pig meat consumer	1		-	-	-	-	-	-	-	-	-	-	-	-	26.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Poultry Meat Consumers	7		-	0.4	0.1	-	3.6	-	-	-	-	-	-	-	-	7.8	-	-	-	-	-	-	-	-	3710	7.9	35.8	3.6	20.7	
Sheep Meat Consumers	4		-	0.3	1.0	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	-	-	-	20	-	-	-	-	-	-	
Wildfowl Consumers	4		-	-	-	5.6	-	-	10	52	-	-	-	-	-	-	-	7.3	-	-	-	350	-	-	-	-	-	-	-	
Mollusc Consumers	4		1.0	0.5	-	1.6	-	-	-	160	-	-	-	-	-	-	-	-	2.2	-	36	330	120	-	-	-	-	-	-	
Mushroom Consumers	1		3.0	-	-	3.5	-	-	2	1	-	1.5	-	-	-	-	-	-	-	1.0	-	110	-	-	-	-	-	-	-	
Occupancy In water	8		0.4	0.3	-	1.3	-	-	1	190	-	-	-	-	-	-	-	-	0.2	-	92	23	1	2	-	-	-	-	-	
Occupancy On water	4		-	0.3	-	14.7	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	4480	2	-	-	-	-	-	-	
Local Occupants (0 - 0.25 km)	9		0.7	1.0	22.8	7.3	1.2	0.4	-	240	-	-	-	-	-	-	-	-	-	-	7	-	7000	-	-	0.6	2.0	-	1.1	
Local Occupants (>0.25 - 0.5)	4		-	1.0	-	-	5.1	-	-	210	-	-	-	-	-	-	-	-	-	-	-	-	-	7670	-	6.1	23.1	23.2	8.1	
Local Occupants (>0.5 - 1.0)	18		0.2	1.0	2.0	1.0	2.0	0.3	-	110	-	-	-	-	-	1.1	-	-	-	-	2	-	-	-	7090	2.4	9.1	2.3	2.8	
Green Vegetable Consumers	7		0.5	-	5.1	0.4	9.6	0.2	-	5	0.4	-	-	-	-	-	-	-	-	-	4	-	-	-	-	45.1	20.9	48.7	35.0	
Other Domestic Vegetable	12		-	0.4	-	3.0	10.8	0.8	-	75	-	-	-	-	-	1.1	-	-	-	-	-	-	52	1180	1440	12.9	55.3	37.3	18.6	
Potato Consumers	19		0.4	0.2	0.9	3.2	8.4	0.2	-	34	0.2	-	-	0.3	-	0.2	-	-	-	-	1	-	44	-	-	20.4	27.1	58.8	25.6	
Root Vegetable Consumers	13		-	-	2.8	2.7	6.6	-	-	1	-	-	-	-	-	2.6	-	-	-	-	-	-	-	-	-	26.6	37.5	40.8	42.4	

Notes for Annex 7

- 1) Direct radiation is expressed as proportion of group who are present within 1 km of site boundary.
- 2) Gamma ext (external gamma) - Sediments represents occupancy over intertidal substrates including mud; sand; sand and stones; stones.
- 3) Marine plants/algae represents consumption of samphire and sea kale.
- 4) Meat – Game represents consumption of venison.
- 5) Meat – Pig represents estimated consumption from Annex 4 which is based on data from the 2015 survey.
- 6) Plume times are the sum of individuals' indoor and outdoor times.

The means of the high-rate groups are determined by the 'cut-off' method and are emboldened on the diagonal.

Except for the direct radiation pathway, the figures across the rows are the means of the consumption and occupancy rates for the other pathways for the individuals within that profile.

Annex 8. Summary of profiles for the child age group (6 years old to 15 years old) in the Sizewell area for use in the assessment of total dose

Profile Name	Pathway Name	Number of Individuals																		
			Notes	Direct	Fish - Sea	Fruit - Domestic	Fruit and nuts - Wild	Gamma ext – Salt marsh	Gamma ext - Sediments	Meat - Cow	Meat - Game	Meat - Poultry	Occupancy IN water	Occupancy ON water	Plume (IN; 0-0.25 km)	Plume (OUT; 0.5-1 km)	Vegetables - Green	Vegetables - Other Domestic	Vegetables - Potatoes	Vegetables - Root
			Units	1	kg	kg	kg	h	h	kg	kg	kg	h	h	h	h	kg	kg	kg	kg
Occupants for Direct Radiation		5	1.0	1.2	-	0.01	-	72	-	-	-	10	2	33	1240	0.2	0.4	-	0.02	
Sea Fish Consumers		2	-	41.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Domestic Fruit Consumers		6	-	-	1.1	0.2	-	-	-	1.4	1.1	-	-	-	-	1.4	1.9	30.7	7.5	
Wild Fruit and Nut Consumers		3	-	-	1.1	0.4	-	-	-	2.9	2.1	-	-	-	-	-	-	55.6	12.9	
Occupants over Salt Marsh		4	-	-	-	-	3	49	-	-	-	-	-	-	-	-	-	-	-	
Occupants over Sediments		1	1.0	-	-	-	-	240	-	-	-	-	-	-	6190	-	-	-	-	
Cattle Meat Consumers		2	-	-	-	-	-	-	16.2	-	-	-	-	-	-	-	-	-	-	
Game Meat Consumers		3	-	-	1.1	0.4	-	-	-	2.9	2.1	-	-	-	-	-	-	55.6	12.9	
Poultry Meat Consumers		3	-	-	1.1	0.4	-	-	-	2.9	2.1	-	-	-	-	-	-	55.6	12.9	
Occupancy In water		2	1.0	0.9	-	0.01	-	32	-	-	-	26	-	58	-	0.4	0.9	-	0.04	
Occupancy On water		8	-	-	-	-	-	-	-	-	-	-	710	-	-	-	-	-	-	
Local Occupants (0 - 0.25 km)		3	1.0	0.6	-	0.01	-	31	-	-	-	17	3	52	-	0.3	0.6	-	0.03	
Local Occupants (>0.5 - 1.0 km)		1	1.0	-	-	-	-	240	-	-	-	-	-	-	6190	-	-	-	-	
Green Vegetable Consumers		3	-	-	1.1	-	-	-	-	-	-	-	-	-	-	2.8	3.7	5.7	2.0	
Other Domestic Vegetable		4	0.3	-	0.8	0.01	-	10	-	-	-	7	-	16	-	2.3	3.2	4.3	1.5	
Potato Consumers		3	-	-	1.1	0.4	-	-	-	2.9	2.1	-	-	-	-	-	-	55.6	12.9	
Root Vegetable Consumers		3	-	-	1.1	0.4	-	-	-	2.9	2.1	-	-	-	-	-	-	55.6	12.9	

Notes

- 1) Direct radiation is expressed as proportion of group who are present within 1 km of site boundary.
- 2) Gamma ext (external gamma) - Sediments represents occupancy over intertidal substrates including: mud, sand; sand and stones; stones.
- 3) Meat – Game represents consumption of venison.
- 4) Plume times are the sum of individuals' indoor and outdoor times.

The means of the high-rate groups are determined by the 'cut-off' method and are emboldened on the diagonal.

Except for the direct radiation pathway, the figures across the rows are the means of the consumption and occupancy rates for the other pathways for the individuals within that profile.

Annex 9. Summary of profiles for the infant age group (0 to 5 years old) in the Sizewell area for use in the assessment of total dose

Profile Name	Pathway Name	Number of Individuals																		
			Notes Units	Direct	Eggs	Fish - Sea	Fruit - Domestic	Fruit and nuts - Wild	Gamma ext - Sediments	Honey	Meat - Cow	Meat - Game	Meat - Poultry	Occupancy ON water	Plume (IN; 0-0.25 km)	Plume (OUT; 0.5-1 km)	Vegetables - Green	Vegetables - Other Domestic	Vegetables - Potatoes	Vegetables - Root
				1	kg	kg	2	kg	h	kg	kg	3	kg	h	h	h	kg	kg	kg	kg
Occupants for Direct Radiation		9	1.0	0.8	1.1	0.6	0.01	62	-	-	-	-	10	29	1630	0.1	0.3	0.2	0.1	
Egg Consumers		2	1.0	3.7	3.0	2.8	-	180	-	-	-	-	-	-	7310	-	-	0.9	0.3	
Sea Fish Consumers		1	-	-	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Domestic Fruit Consumers		2	1.0	3.7	3.0	2.8	-	180	-	-	-	-	-	-	7310	-	-	0.9	0.3	
Wild Fruit and Nut Consumers		1	-	-	-	0.3	0.1	-	-	-	0.7	0.5	-	-	-	-	-	13.9	3.2	
Occupants over Sediments		2	1.0	3.7	3.0	2.8	-	180	-	-	-	-	-	-	7310	-	-	0.9	0.3	
Honey Consumers		1	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	
Cattle Meat Consumers		2	-	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-	-	-	
Game Meat Consumers		1	-	-	-	0.3	0.1	-	-	-	0.7	0.5	-	-	-	-	-	13.9	3.2	
Poultry Meat Consumers		1	-	-	-	0.3	0.1	-	-	-	0.7	0.5	-	-	-	-	-	13.9	3.2	
Occupancy On water		4	1.0	-	0.2	-	0.01	33	-	-	-	-	22	55	-	0.3	0.6	-	0.03	
Local Occupants (0 - 0.25 km)		5	1.0	-	0.2	-	0.01	27	-	-	-	-	17	49	-	0.2	0.5	-	0.02	
Local Occupants (>0.5 - 1.0 km)		2	1.0	3.7	3.0	2.8	-	180	-	-	-	-	-	-	7310	-	-	0.9	0.3	
Green Vegetable Consumers		4	0.5	-	-	0.3	0.01	20	-	-	-	-	13	33	-	1.0	1.5	1.4	0.5	
Other Domestic Vegetable Consumers		4	0.5	-	-	0.3	0.01	20	-	-	-	-	13	33	-	1.0	1.5	1.4	0.5	
Potato Consumers		2	-	-	-	0.6	0.05	-	-	-	0.4	0.3	-	-	-	0.6	1.3	9.6	1.9	
Root Vegetable Consumers		2	-	-	-	0.3	0.05	-	-	-	0.4	0.3	-	-	-	0.8	0.6	7.2	2.3	

Notes

- 1) Direct radiation is expressed as proportion of group who are present within 1 km of site boundary.
- 2) Gamma ext (external gamma) - Sediments represents occupancy over intertidal substrates including: mud; sand; sand and stones; stones.
- 3) Meat – Game represents consumption of venison.
- 4) Plume times are the sum of individuals' indoor and outdoor times.

The means of the high-rate groups are determined by the 'cut-off' method and are emboldened on the diagonal.

Except for the direct radiation pathway, the figures across the rows are the means of the consumption and occupancy rates for the other pathways for the individuals within that profile.

Annex 10. Summary of profiles for women of childbearing age^a in the Sizewell area, for use in assessments of total dose to prenatal children

Profile Name	Pathway Name	Number of Individuals																						
			Notes	Crustacea	Direct	Eggs	Fish - Sea	Fruit - Domestic	Fruit and nuts - Wild	Gamma ext - Sediments	Honey	Meat - Cow	Meat - Game	Meat - Poultry	Meat - Sheep	Occupancy IN water	Occupancy ON water	Plume (IN; 0-0.25 km)	Plume (MID; 0.25-0.5 km)	Plume (OUT; 0.5-1 km)	Vegetables - Green	Vegetables - Other Domestic	Vegetables - Potatoes	Vegetables - Root
			Units	kg	1	kg	kg	kg	kg	h	kg	kg	kg	kg	kg	h	h	h	h	h	kg	kg	kg	kg
Crustacea Consumers		2	2.6	1.0	44.6	31.3	-	-	510	-	-	-	-	-	-	-	4770	-	-	-	-	-	-	
Occupants for Direct Radiation		26	0.2	1.0	3.8	3.2	0.5	0.1	78	-	-	-	-	-	2	1	460	36	590	0.6	0.3	0.4	0.1	
Egg Consumers		2	2.6	1.0	44.6	31.3	-	-	510	-	-	-	-	-	-	-	4770	-	-	-	-	-	-	
Sea Fish Consumers		4	1.3	0.5	22.3	35.8	-	-	250	-	-	-	-	-	-	-	2390	-	-	-	-	-	-	
Domestic Fruit Consumers		3	0.2	0.7	3.0	3.8	5.5	0.8	110	-	-	-	2.9	-	4	-	39	-	2590	8.9	11.9	5.4	11.9	
Wild Fruit and Nut Consumers		1	-	1.0	-	-	7.0	2.3	100	-	-	-	-	-	11	-	120	-	-	15.9	6.7	7.6	1.1	
Occupants over Sediments		2	2.6	1.0	44.6	31.3	-	-	510	-	-	-	-	-	-	-	4770	-	-	-	-	-	-	
Honey Consumers		1	-	-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cattle Meat Consumers		2	-	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	
Game Meat Consumers		1	-	-	-	-	1.1	0.4	-	-	-	2.9	2.1	-	-	-	-	-	-	-	-	55.6	12.9	
Poultry Meat Consumers		1	-	-	0.2	-	3.6	-	-	-	-	-	8.6	-	-	-	-	-	-	10.9	29.0	6.4	34.0	
Sheep Meat Consumers		1	-	-	1.0	-	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	
Occupancy In water		3	-	1.0	-	0.6	2.3	0.8	95	-	-	-	-	-	16	-	85	-	-	5.3	2.2	2.5	0.4	
Occupancy On water		11	-	-	-	-	-	-	-	-	-	-	-	-	-	780	-	-	-	-	-	-	-	
Local Occupants (0 - 0.25 km)		2	2.6	1.0	44.6	31.3	-	-	510	-	-	-	-	-	-	-	4770	-	-	-	-	-	-	
Local Occupants (>0.25 - 0.5 km)		2	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	470	-	-	-	-	-	
Local Occupants (>0.5 - 1.0 km)		1	0.7	1.0	8.9	11.4	5.9	-	230	-	-	-	-	-	-	-	-	-	7760	-	-	2.2	0.7	
Green Vegetable Consumers		4	-	0.3	0.04	-	3.0	0.6	26	-	-	-	2.2	-	3	-	29	-	-	9.4	17.5	7.0	16.3	
Other Domestic Vegetable Consumers		3	-	-	0.05	-	1.7	-	-	-	-	-	2.9	-	-	-	-	-	-	7.3	21.1	6.8	21.4	
Potato Consumers		1	-	-	-	-	1.1	0.4	-	-	-	2.9	2.1	-	-	-	-	-	-	-	-	55.6	12.9	
Root Vegetable Consumers		4	-	-	0.04	-	1.5	0.1	-	-	-	0.7	2.7	-	-	-	-	-	-	5.5	15.8	19	19.3	

Notes

^a Based on National Statistics guidelines, women were deemed to be of childbearing age if they were between 15 and 44 years old. Women of unknown age were included as they were potentially women of childbearing age

- 1) Direct radiation is expressed as proportion of group who are present within 1 km of site boundary.
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- 3) Meat – Game represents consumption of venison.
- 4) Plume times are the sum of individuals' indoor and outdoor times.

The means of the high-rate groups are determined by the 'cut-off' method and are emboldened on the diagonal.

Except for the direct radiation pathway, the figures across the rows are the means of the consumption and occupancy rates for the other pathways for the individuals within that profile.

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