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Cefas contract report C6028

Radiological Habits Survey: Sizewell, 2015

2016

Environment Report RL 01/16

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Environment Report RL 01/16

Radiological Habits Survey: Sizewell, 2015

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2016

The work described in this report was carried out under contract to the Environment Agency, the Food Standards Agency and the Office for Nuclear Regulation.
Cefas contract C6028
FSA Project FS131008

Cefas Document Control

Radiological Habits Survey: Sizewell, 2015

Submitted to:	Environment Agency, Food Standards Agency and Office for Nuclear Regulation
Date submitted:	05/04/2016
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Approved by & date:	Bill Camplin 29/03/2016
Version:	Final

Version Control History			
Author	**Date**	**Comment**	**Version**
Chris Garrod	31/12/2015	Sent to FSA, EA and ONR for comments.	Draft 1
Chris Garrod	16/03/2016	Revised and sent to FSA, EA and ONR for comments.	Draft 2
Chris Garrod	31/03/2016	All amendments completed.	Final

This report should be cited as: Garrod, C.J., Clyne, F.J. and Rumney, P., 2016. Radiological Habits Survey: Sizewell, 2015.
RL 01/16. Cefas, Lowestoft

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Aquatic survey area

- High consumption rates were identified for locally caught fish and crustaceans. Molluscs, wildfowl and small amounts of marine plants/algae were also consumed.
- A wide range of intertidal activities were identified taking place on the beaches of sand and stones along the open coast and also on the mud and salt marshes within the river estuaries. The highest intertidal occupancy rate was for an angler who was fishing from a stony beach.
- There was a large decrease in the occupancy rate over mud since the last survey in 2010, which was because the person who was previously living on a boat that was resting on mud was now only staying on the boat occasionally.

Terrestrial survey area

- High consumption rates were identified for locally produced food in the following food groups: green vegetables, other vegetables, root vegetables, potato, domestic fruit, cattle meat, pig meat, eggs and honey. Sheep meat, poultry, wild/free foods, rabbits/hares, wild fungi and venison were also consumed.
- Since the last survey in 2010 there were notable decreases in the consumption rates of cattle meat, pig meat and rabbits/hares, and notable increases in the consumption rates of sheep meat and honey. The consumption of milk had ceased since the last survey because dairy cattle were no longer being kept within the survey area.
- Human consumption of groundwater was identified at several households and livestock were supplied with groundwater for drinking at some farms.

Direct radiation survey area

- Occupancy habits within 1 km of the site included those related to residential, work and recreational activities.
- The highest occupancy rates, which were over 8000 h y^{-1}, were for people who were living, or both living and working, close to the site.
- Occupancy rates were broadly similar to those in the last survey in 2010.

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SUMMARY

This report presents the results of a survey conducted in 2015 to determine the habits and consumption patterns of people living, working and pursuing recreational activities in the vicinity of the Sizewell nuclear power stations. There are two separate nuclear power stations next to each other at Sizewell but for the purposes of this survey they are considered together as a single site. Both stations discharge gaseous radioactive waste via stacks to the atmosphere, liquid radioactive waste into the North Sea and contain sources of direct radiation. Areas likely to be most affected by the discharges and sources of radiation were defined as the aquatic survey area for liquid discharges, the terrestrial survey area for the deposition from gaseous discharges, and the direct radiation survey area for ionising radiation emanating directly from the site. The occupancy data collected from the direct radiation survey area is 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 a 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
- The transfer of contamination off-site by wildlife
- 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 550 individuals are presented and discussed. High rates of consumption, intertidal occupancy and handling are identified using established methods comprising (a) a 'cut off' to define the high-rate group and (b) 97.5th percentiles. The rates so 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 (see Figure 1, page 21) covered the intertidal areas along the coast of Suffolk from Southwold, in the north, to North Weir Point at the southern tip of Orford Ness shingle spit, in the south, and the adjacent sea area up to 10 km offshore. The tidal stretches of the rivers Blyth, Alde, Ore and Butley were also included.

Foods from the aquatic survey area were consumed from the following food groups: fish; crustaceans; molluscs; wildfowl; marine plants/algae. The mean consumption rates for the adult high-rate groups for the separate aquatic consumption pathways for foods potentially affected by liquid discharges were:

- 23 kg y^{-1} for fish
- 10 kg y^{-1} for crustaceans
- 3.2 kg y^{-1} for molluscs
- 9.0 kg y^{-1} for wildfowl
- 0.6 kg y^{-1} for marine plants/algae

The mean consumption rates for the adult high-rate groups for fish and crustaceans were above the national adult mean consumption rates that are used for comparison in habits surveys.

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

- For fish: cod, bass, Dover sole and thornback ray
- For crustaceans: brown crab and common lobster
- For molluscs: whelks
- For wildfowl: greylag goose, Canada goose, mallard, pink-footed goose and wigeon
- For marine plants/algae: sea beet and samphire

The activities undertaken by adults in the high-rate groups for intertidal occupancy included angling, dog walking, playing, fixing moorings, attending to boats and fishing gear, jogging, sitting on the beach, collecting marine plants, water sports preparation and living on a boat which was resting on mud. Gamma dose rate measurements were taken at most locations in the aquatic survey area where activities were occurring. The activities undertaken by adults in the high-rate group for handling fishing gear were handling nets, pots, lines and oyster dredges, while the activity undertaken by adults in the high-rate group for handling sediment was fixing moorings. The activities undertaken by people in and on the water included swimming, surfing, sailing, fishing (including setting nets, pots and long lines, trawling and oyster dredging), charter boat duties, motor launch duties, fixing moorings, boat maintenance, boat duties, rescue duties, paddling, boat angling, warden duties and living on a boat which was afloat. One person was identified who occasionally used small quantities of seaweed as a fertiliser on apple trees in their garden.

The terrestrial survey area

The terrestrial survey area (see Figure 2, page 22) covered the land and freshwater watercourses within 5 km of the centre of the Sizewell site. Nine farming businesses were identified that farmed the land in the terrestrial survey area. They produced, beef cattle, lambs, pigs, wheat, barley, sugar beet, potatoes, onions, carrots, parsnips, turnips and soft fruit (raspberries). Grass (for silage) and maize were grown for use as animal feed on the farms on which they were produced. Beef, pork and lamb were consumed

by farmers and their families and were also on sale to the public in the local area. Three market gardens were identified within the survey area. These produced a wide variety of vegetable and salad crops and one also kept chickens for eggs. Three allotment sites, with approximately 220 plots in total, and many private gardens were identified, where a variety of fruit and vegetables were grown. Several people kept chickens for eggs for their own families' consumption or for sale locally and one person was identified who kept ducks and geese for eggs solely for his own family's consumption. Two beekeepers were interviewed who kept hives in the survey area and the consumption of honey was recorded. Shooting took place on farmland in the area and the shot game, including partridge, pheasant, pigeon, rabbits and deer, were consumed. Wild/free foods and wild fungi were collected and consumed.

Foods from the terrestrial survey area were consumed from the following food groups: green vegetables; other vegetables; root vegetables; potato; domestic fruit; cattle meat; pig meat; sheep meat; poultry; eggs; wild/free foods; rabbits/hares; honey; wild fungi; venison. No consumption of locally produced milk was identified. 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 food groups: green vegetables, other vegetables, root vegetables, potato, domestic fruit, cattle meat, pig meat, eggs and honey.

The consumption of groundwater by humans and livestock was identified.

Control measures taken against wildlife, which limited the possibility that contamination was transferred offsite, included periodically culling rabbits from the area around the site and replacing seagull's eggs with dummies in order to discourage them from nesting on the site. There were also wild peregrine falcons in the locality, which helped to deter pigeons.

The direct radiation survey area

The direct radiation survey area (see Figure 2, page 22) covered all land and sea within 1 km of the combined Sizewell site boundary. For the purposes of the direct radiation survey, the site boundary was taken as the perimeter of the licensed area, except on the eastern side of the site where the licensed area extended out onto the shore into an unfenced area frequently used by members of the public. Because of this, the boundary on the eastern side of the site was taken as the perimeter fence. Occupancy rates were obtained for residents, visitors, and people working and undertaking recreational activities in the area. Occupancy rates were also obtained for two people who were working within the nuclear licensed site area but were not site employees or contractors.

The occupancy rates were analysed in zones according to the distance from the Sizewell nuclear licensed site boundary. The zones were 'inside the licensed area', 0 – 0.25 km, >0.25 – 0.5 km and

>0.5 – 1.0 km. The highest indoor, outdoor and total occupancy rates in all three zones outside the licensed site area were for residents or residents who also worked in the area.

Gamma dose rate measurements were taken indoors and outdoors at most properties where interviews were conducted in the direct radiation survey area. Background readings were taken over grass at distances beyond 5 km from the Sizewell site centre. The measurements taken at the properties were not notably different from the background measurements.

Comparisons with the previous survey

Comparisons were made with the results from a previous habits survey undertaken around the Sizewell site in 2010. In 2015, compared to 2010, the consumption rates within the aquatic food groups decreased for fish, crustaceans, molluscs and marine plants/algae, but increased for wildfowl (see Figure i). The most significant change in the intertidal occupancy rates and handling rates of fishing gear and sediment was a large decrease in the occupancy rate on board a boat resting on mud (see Figure ii). This decrease was because the person who had, in 2010, lived for most of the year on a boat that rested on mud was now living elsewhere and only staying on the boat for limited periods. For activities taking place in the water, the maximum adult occupancy rate increased from 140 h y^{-1} in 2010, to 400 h y^{-1} in 2015, and for activities taking place on the water the maximum adult occupancy rate decreased from 3900 h y^{-1} in 2010, to 2900 h y^{-1} in 2015. The most notable change in the consumption rates of terrestrial foods was the cessation of milk consumption (see Figure iii). Milk consumption ceased because the farmer who in 2010 kept a few dairy cattle for milk for his own family's consumption no longer had dairy cattle in 2015. The most marked change in the occupancy rates in the direct radiation survey area was an increase in the outdoor occupancy in the 0 - 0.25 km zone (see Figure iv). This was attributed to changes in the work pattern of a person who lived and worked in the area.

Figure i. Mean consumption rates for the high-rate groups for aquatic foods

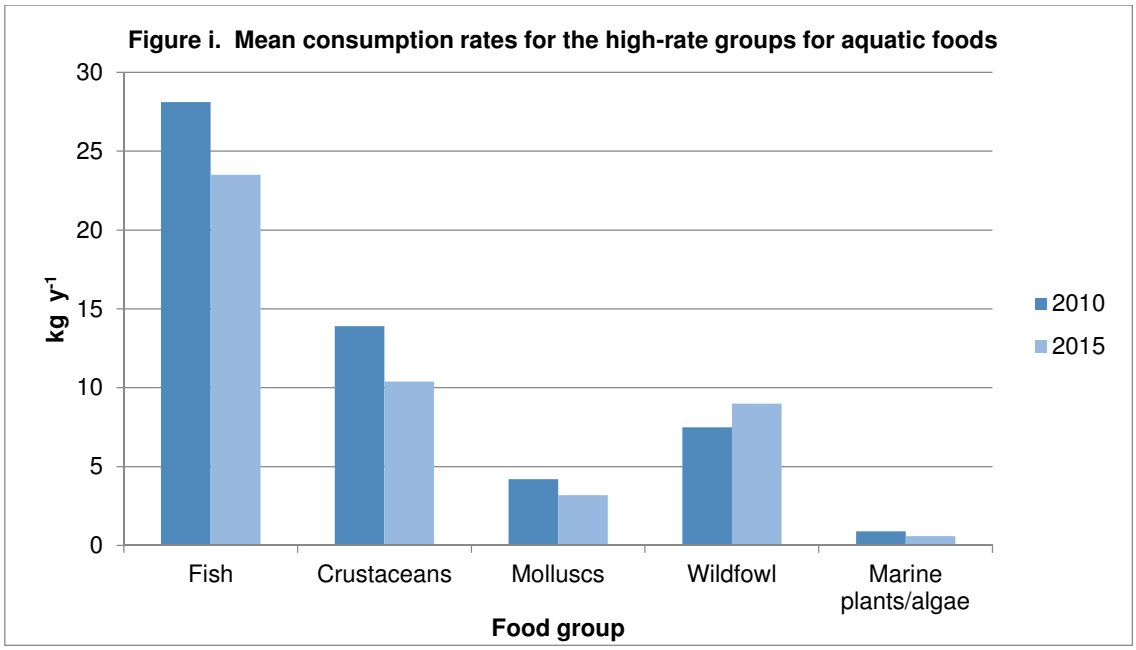


Figure ii. Mean rates for the high-rate groups for intertidal occupancy and handling of fishing gear and sediment

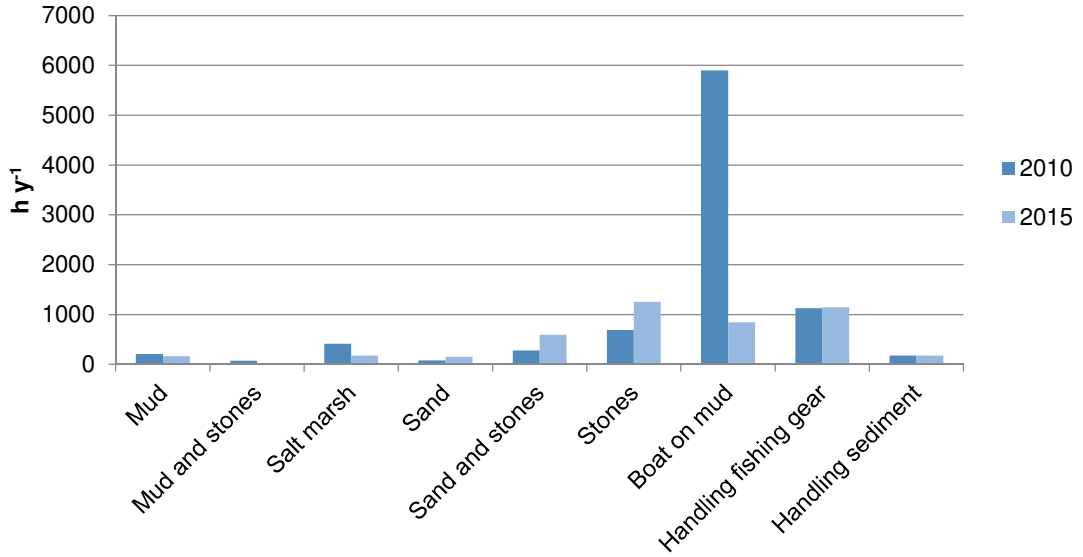
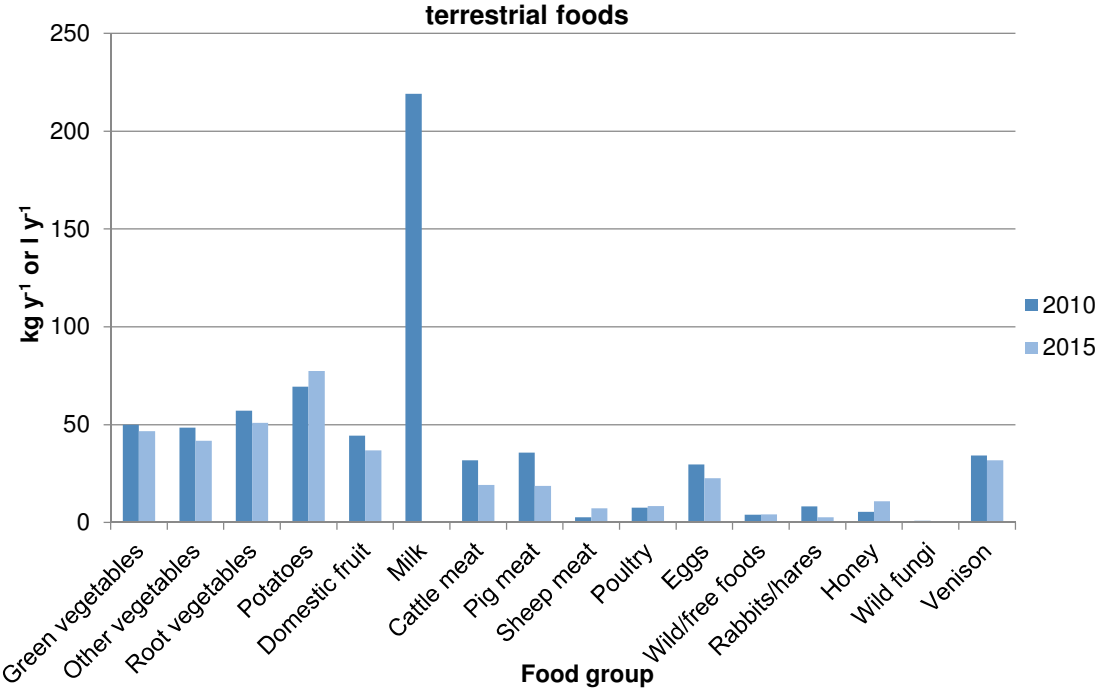
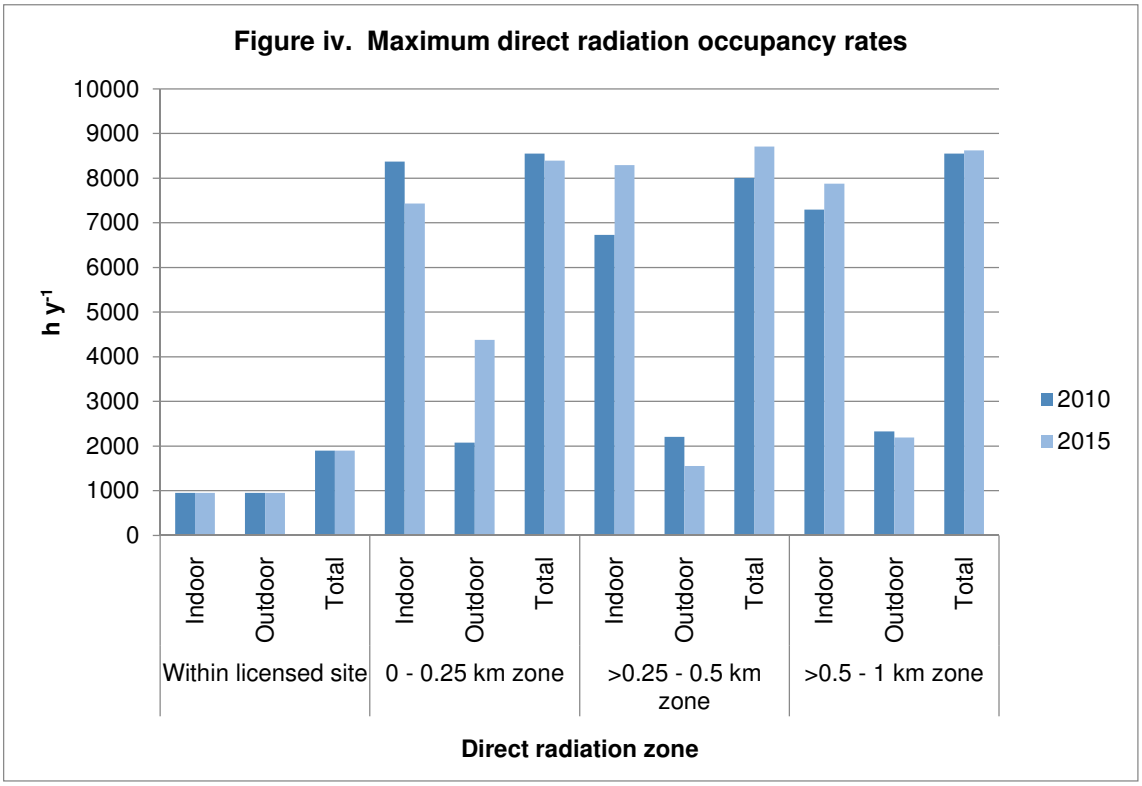


Figure iii. Mean consumption rates for the high-rate groups for terrestrial foods





Habits survey information for consideration when selecting samples and measurements for monitoring programmes

The foods and intertidal locations identified in the 2015 Sizewell habits survey could be used to assist in the selection of samples and measurements for 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 10.2 for consideration when selecting samples for the Food Standards Agency monitoring programme. The current environmental monitoring programme carried out for the Environment Agency adequately covers the Sizewell area and no changes to this are suggested.

1 INTRODUCTION

Members of the public might be exposed to radiation as a result of the operations of the Sizewell nuclear power stations, either through the permitted discharges of liquid or gaseous radioactive wastes into the local environment, or from radiation emanating directly from the stations. This report provides information on activities carried out by members of the public in the vicinity of the Sizewell stations, which may influence their radiation exposure. The study has been funded by the Environment Agency, the Food Standards Agency and the Office for Nuclear Radiation 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'. This notional individual is defined as being representative of the more highly exposed members of the population. It follows that, if the dose to the representative person is acceptable when compared to dose limits and optimisation, other members of the public will receive acceptable doses, and overall protection to the public is provided from the effects of radiation. The term 'representative person' is equivalent to, and replaces, the term 'average member of the critical group' as recommended by ICRP (ICRP, 2006). The recommendations of the ICRP were updated in 2007 (ICRP, 2007) and, for the public, still include the principle of protecting the individuals most highly exposed to radiation, characterised by the representative person.

1.1 Regulatory framework

In England the Environment Agency regulates the discharges of radioactive waste under the Environmental Permitting (England and Wales) Regulations 2010 (UK Parliament, 2010). The regulations take account of the European Union (EU) Basic Safety Standards (BSS) Directive 96/29/Euratom (Commission of the European Communities, 1996) which embody the recommendations of the ICRP, particularly ICRP 60 (ICRP, 1991). A new Basic Safety Standards (BSS) Directive was adopted by the EU on 5th December 2013 (EC 2014) and the UK Government is required to implement the Directive into UK law by 6th February 2018. 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). Since 1st April 2011, the Office for Nuclear Regulation (ONR), has implemented this legislation and is also responsible for regulating, under the Ionising Radiations Regulations 1999 (IRR 99) (UK Parliament, 1999), the exposure of the public to direct radiation from the operations occurring on these sites. Prior to 1st April 2011 these functions were carried out by the Nuclear Installations Inspectorate of the Health and Safety Executive.

Appropriate discharge limits are set by the Environment Agency, after wide-ranging consultations that include the Food Standards Agency. The Food Standards Agency has responsibilities 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 Food Standards Agency also ensures that public radiation exposure via the food chain is within EU acceptable limits.

1.2 Radiological protection framework

Dose standards for the public are embodied in the national policy (UK Parliament, 2009), 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 96/29/Euratom (Commission of the European Communities, 1996). The public dose standards were incorporated into UK law in IRR 99. The requirement to observe the conditions laid down in the Basic Safety Standards (BSS) in England and Wales is incorporated in the Environmental Permitting (England and Wales) Regulations 2010 (UK Parliament, 2010). 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 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 taking into account the effective pathways of transmission of radioactive substances. Guidance on the principles underlying prospective radiological assessments (i.e. assessments of potential future doses) has been provided by the National Dose Assessment Working Group (NDAWG), which consists of representatives of UK Government Bodies and other organisations with responsibilities for dose assessments (EA, SEPA, DoENI, NRPB and FSA, 2002). NDAWG has also published principles underlying retrospective radiological assessment (i.e. assessment 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 *et al*., 2005). NDAWG agreed that the optimal method for performing retrospective dose assessments would be to use habits profiles (profiling method) as described in Camplin *et al*. (2005). This approach is adopted in Radioactivity in Food and the Environment (RIFE) publications, (e.g. EA, FSA, FSS, NRW, NIEA and SEPA, 2015). NDAWG has also published reports on the collection and use of habits survey data in retrospective and prospective dose assessments (NDAWG, 2005; NDAWG

2009); the principles described in these reports are consistent with those used here. More recently, the UK environment agencies, the Health Protection Agency (now part of Public Health England) and the Food Standards Agency have jointly produced an update of the 2002 interim guidance and principles for assessing doses (EA, SEPA, NIEA, HPA and FSA, 2012).

2 THE SURVEY

2.1 Site activity

The Sizewell nuclear site is located on the Suffolk coast, approximately 3 km east of the town of Leiston (see Figure 1, page 21). There are two nuclear power stations situated next to each other at Sizewell; Sizewell A and Sizewell B. Sizewell A has two Magnox reactors that ceased generating electricity on 31st December 2006. Defueling was completed in 2014 and the station is currently undergoing preparation for the care and maintenance phase. Sizewell B has the only Pressurised Water Reactor in the United Kingdom. It started generating electricity in 1995 and is expected to continue generation until 2035.

Sizewell A is managed and operated by Magnox Ltd. on behalf of the Nuclear Decommissioning Authority. Sizewell B is owned and operated by EDF Energy Nuclear Generation Ltd. Under the Radioactive Substances Regulation of the Environmental Permitting Regulations 2010, Magnox and EDF are permitted to undertake radioactive substances activities at the Sizewell A and Sizewell B sites respectively. This includes permission to discharge gaseous radioactive wastes via stacks 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. Both sites contain sources of direct radiation. For the purposes of this survey Sizewell A and Sizewell B will be considered together as a single site.

It has been proposed to build a third nuclear power station at Sizewell, which would be called Sizewell C. The proposed site for the new power station is immediately to the north of Sizewell B but it is expected that other land would be used for activities relating to the new build, including areas to the north west of the existing site and smaller areas to the south of the existing site and to the east of Leiston.

2.2 Survey objectives

The Centre for Environment, Fisheries & Aquaculture Science (Cefas) undertook the Sizewell habits survey in 2015 on behalf of the Environment Agency, the Food Standards Agency, and the Office for Nuclear Regulation. 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 nuclear 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 a 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
- The transfer of contamination off-site by wildlife
- Activities and occupancy within the direct radiation survey area
- Any new or unusual exposure pathways

No additional site-specific investigations were requested by the Environment Agency, the Food Standards Agency or the Office for Nuclear Regulation.

2.3 Survey areas

The geographic extents of potential effects from liquid discharges, from deposition from gaseous releases, and from direct radiation are different. Therefore, different survey areas were defined to cover each of these three main possible 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 site.

The aquatic survey area (see Figure 1, page 21) covered the intertidal areas along the coast of Suffolk from Southwold in the north, to North Weir Point at the southern tip of Orford Ness shingle spit in the south, and extended 10 km offshore. This area was taken to represent the predominant area of mixing of discharged radionuclides in seawater. The tidal reaches of the rivers Blyth, Alde, Ore and Butley were also included since water from the offshore area could enter these waterways on flood tides.

The terrestrial survey area (see Figure 2, page 22) covered the land and freshwater watercourses within 5 km of the site centre (National Grid Reference: TM 473 634) to encompass the main areas of potential deposition from gaseous discharges.

The direct radiation survey area (see Figure 2, page 22) covered the land and sea within 1 km of the nuclear site boundary. For the purposes of the direct radiation survey the site boundary was taken as the perimeter of the licensed area, except on the eastern side of the site where the licensed area extended out onto the shore into an unfenced area frequently used by members of the public. Because of this, the boundary of the survey area on the eastern side of the site was taken as the perimeter fence.

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 site.

The same aquatic, terrestrial and direct radiation survey areas were used in the previous habits survey conducted by Cefas in the Sizewell area, which was in 2010 (Garrod *et al*., 2011)

Figure 1. The coastline of the Sizewell aquatic survey area

Figure 2. The Sizewell terrestrial and direct radiation survey areas.

2.4 Conduct of the survey

As part of the pre-survey preparation, the Environment Agency, the Food Standards Agency and the Office for Nuclear Regulation were contacted to identify any additional site-specific requirements. Information relating to the activities of people in the aquatic and terrestrial survey areas was obtained from Internet searches, Ordnance Survey maps and from previous habits surveys undertaken around the Sizewell site. People with local knowledge of the survey area were contacted for information relevant to the various exposure pathways. These included fisheries officers, representatives of the local fishing industry and representatives of Leiston Town Council.

A proposed programme for fieldwork was distributed to the Environment Agency, the Food Standards Agency, and the Office for Nuclear Regulation before the fieldwork commenced, for their comment.

The fieldwork was carried out from the 9th to the 19th June 2015 by a survey team of three people, according to techniques described by Leonard *et al.* (1982). During the fieldwork a meeting was held between a member of the survey team and representatives from Magnox Ltd and EDF Energy Nuclear Generation Ltd. This 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:

- Defueling at Sizewell A was completed in 2014 and at the time of the habits survey fieldwork the station was being prepared for decommissioning.
- At the time of the habits survey fieldwork Sizewell B was operating at nominal full load (*i.e.* normal generating capacity).
- A new dry fuel store for Sizewell B was under construction and was expected to be operational in 2016.
- Control measures taken against wildlife included periodically culling rabbits from the surrounding area. Culled rabbits did not enter the food chain. Seagull's eggs were replaced with dummies in order to discourage seagulls from nesting on site and there were wild peregrine falcons in the locality, which helped to deter pigeons.
- Information about potential pathways and activities in the area included walkers and dog walkers on the dunes and shore to the east of the site and on paths to the north and west; possible bee hives on land to the north of the site.

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, commercial and hobby fishermen, anglers, 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 area, and indoors and outdoors at most properties 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 a Mini 600 Series Type 6-81 Environmental Radiation Meter with a compensated Geiger-Müller tube.

For practical and resource reasons, the survey did not involve the whole population in the vicinity of the Sizewell site, but targeted subsets or groups, chosen in order 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 as a percentage of the estimated complete coverage for that group (where it was possible to make such an estimate) has been calculated. The results are summarised in Table 1. The '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 UK Office of National Statistics residential data for electoral wards (www.ons.gov.uk) there were approximately 7700 people living in the terrestrial survey area, although information was obtained for a significantly smaller number than this. 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 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 two survey areas. For example, people in the terrestrial survey were initially questioned because it was known that they grew or 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 1 km direct radiation survey area, the occupancy rates for the employees.

3 METHODS FOR DATA ANALYSIS

3.1 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 (e.g. interviewees who wished to remain anonymous), the data were accepted at face value. The raw data were entered into 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 have been included in the data entered into the database.

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 and Annex 2 for children and infants, with the high-rate group members indicated in bold.

Where quantifiable data cannot be obtained from interviews but pathways are believed 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 usually presented in Annex 3. It was not necessary to estimate data for the Sizewell survey, but Annex 3 is included in this report to maintain consistency of presentation through the series of reports.

3.2 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 (e.g. 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, 1990 and 1997 and Good Housekeeping, 1994), edible fraction data researched by Cefas, and information supplied by the Meat and Livestock Commission.

3.3 Rounding and grouping of data

The consumption and occupancy data in the text of this report are rounded to two significant figures, except for values less than 1.0, which are rounded to one decimal place. This method of presentation reflects the authors' judgement on the accuracy of the methods used. In the tables and annexes, the consumption rate data are presented to one 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 two 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.

For the purpose of data analysis, foodstuffs were aggregated into food groups as identified in Table 2. 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'. Similarly, for aquatic food consumption, all crustacean species are grouped as 'crustaceans'. For external exposure over intertidal sediments, occupancies over the same substrate (e.g. sand) are grouped together.

Data were structured into age groups because different dose coefficients (i.e. the factors which convert intakes of radioactivity into dose) can apply to different ages. The International Commission on Radiological Protection (ICRP) revised its recommendations for the age groupings to be used in radiological assessments and these recommendations were adopted in the 2010 habits survey reports and thereafter. Consequently, the age ranges used in the habits survey reports prior to 2010 differ from those used currently. The age ranges used in this report and the names used for the age groups, based on the recommendations in ICRP 101 (ICRP, 2007), are shown in Table A below, together with those used in reports prior to 2010, for comparison.

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

Age ranges used from 2010 onwards			Age ranges used prior to 2010	
Name of age group[a]	**Age range in group**		**Name of age group**	**Age range in group**
Infant	0 to 5-year-old		3-month-old	Under 1-year-old
			1-year-old	1-year-old
			5-year-old	2-year-old to 6-year-old
Child	6-year-old to 15-year-old		10-year-old	7-year-old to 11-year-old
			15-year-old	12-year-old to 16-year-old
Adult	16-year-old and over		Adult	17-year-old and over

[a] In the 2010 reports only, the infant age group was called the 1-year-old age group and the child age group was called the 10-year-old age group.

Since there are fewer age groups for children in the current regime, there should, in general, be more observations in each group, resulting in greater robustness in the data. However, data since 2010 will

not be directly comparable with data prior to 2010, since the age ranges in the age groups will be different.

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: 'inside the licensed area'; 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.

3.4 Approaches for the identification of high rates

The habits data have been analysed to identify high rates of consumption, occupancy and handling, which are suitable for use in radiological assessments. Two approaches have been used:

Firstly, the 'cut-off' method described by Hunt *et al.* (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. In certain cases, using the 'cut-off' method resulted in only one person being in the high-rate group. In these cases, expert judgement was used to decide whether the high-rate group should remain as one individual or whether others should be included. If others were included, the second highest rate was divided by three and all observations above this were included in the high-rate group.

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. 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 *et al.,* 1995.

The mean rates for the high-rate groups for children and infants for consumption, intertidal occupancy and handling pathways, have been calculated. However, in cases where few child or infant observations were identified, an alternative approach that may be used for assessments is 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. Ratios for this purpose for the consumption and intertidal occupancy pathways, based on generic 97.5th percentile rates, are provided in Annex 4. The age ranges within the age groups in Annex 4 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 foetal dose, consumption and occupancy rates are provided in Annex 5 for women of childbearing age. The age range used in this report for women of childbearing age is 15 – 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, mean occupancy rates and 97.5th percentile rates have not been calculated. Such an analysis is of limited value without a detailed knowledge of the spatial extent of dose rates due to direct radiation.

3.5 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 *et al.* 2005. The profiles for adults are used to assess total dose integrated across all pathways of exposure in the RIFE reports (e.g. EA, FSA, FSS, NRW, NIEA, and SEPA, 2015).

Matrices of profiles for adults, children, infants and women of childbearing age are presented in Annexes 6 to 9 respectively. Within each matrix the means for the high-rate groups, as determined by the cut-off method, are 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.

3.6 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 taken into account 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 Environment Agency, the Food Standards Agency and the Office for Nuclear Regulation, and by a senior radiological assessor.
- Final reports were only issued when the Environment Agency, the Food Standards Agency and the Office for Nuclear Regulation were entirely satisfied with the format and content of the draft report.

4 AQUATIC RADIATION PATHWAYS

4.1 Aquatic survey area

The aquatic survey area (see Figure 1, page 21) covered the intertidal areas along the coast of Suffolk from Southwold, in the north, to North Weir Point at the southern tip of Orford Ness shingle spit, in the south, 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 beaches along the coast were predominantly sand and shingle while the tidal reaches of the rivers were typically muddy estuaries with banks of grass or marsh.

Southwold and the River Blyth

Southwold is a busy seaside town situated approximately 12 km north of the Sizewell site. There was good access to a long sand and shingle beach, which was very popular with locals and tourists for activities such as sunbathing, playing, paddling and swimming. Parts of the beach were patrolled by lifeguards. There was a long promenade with many beach huts and a pier that was used by anglers. The beach extended southwards to the mouth of the River Blyth, which was approximately 1 km south of the town, and the southern end of the beach was used more by dog walkers, anglers, and surfers from a nearby surf school.

Southwold harbour (see Figure 3) is located in the lower reaches of the River Blyth and the harbour area extends along the banks of the river from its mouth to a bailey bridge that crosses the river about 1.5 km upstream. Wooden walkways over the mud bank provided access to jetties and floating pontoons where the boats were moored. The harbour was the main port within the survey area and provided moorings for over 250 small craft including commercial and hobby fishing boats, angling boats, sailing yachts and pleasure cruisers. There were boatyards with slipways, a public slipway, a sailing club, a compound for sailing dinghies, a new compound for fishermen to store their gear and an inshore lifeboat station. Sea-angling charter trips and pleasure boat trips on the river and sea were available, and a rowing boat ferry took passengers across the river to Walberswick on the southern bank. Local fish were sold from huts on the quay. Some pleasure boat owners spent extended periods of the year living on their boats, which were afloat permanently and did not dry out to rest on mud at low water. Water sports such as windsurfing and jet skiing took place offshore.

The tidal reaches of the River Blyth extend upstream from the bailey bridge for approximately 8 km and include areas of flooded farmland, which have become mud flats. The river banks were grass with small areas of salt marsh. Most of the people who were walking along the river stayed on the path on top of the flood embankment, but anglers fishing for bass and grey mullet went down onto the grass

and salt marsh areas. The inshore lifeboat crew occasionally practised in the river and water skiing was permitted on a short stretch of river just upstream of the bailey bridge.

Figure 3. Southwold harbour

Walberswick

Walberswick beach (see Figure 4) was a fine sand beach with patches of shingle, situated immediately to the south of the mouth of the River Blyth. There was a large car park close by and the area was popular with anglers, dog walkers and families having days out on the beach and swimming. Crabbing with baited hand lines was a popular family activity that took place from the staved banks and salt marsh areas along a creek that entered the River Blyth close to its mouth on the Walberswick side. The crabbing was a recreational activity targeting shore crabs and swimming crabs and the crabs were typically released after capture. These crab species are not usually consumed in the UK and no consumption was identified.

The shore between Walberswick and Dunwich, approximately 4 km further south, was a sand and shingle beach that became increasingly stony towards Dunwich. The only road access was at Walberswick or Dunwich and the number of beach users declined with increasing distance from these access points. A shingle bank separated the beach from the marshes just inland. These marshes were predominantly freshwater although the lagoons and marsh close to the shingle bank were slightly saline because of seawater seepage through the shingle, sea spray, and the occasional breaching of the banks. No activities were identified taking place in the saline areas.

Figure 4. Walberswick beach

Dunwich and Dunwich Heath

At Dunwich village there was easy access to the beach from a large car park close to the shore. The beach (see Figure 5) was predominantly shingle with patches of sand towards the low water mark and was popular with walkers, dog walkers, anglers and people playing on the beach. A few small angling and hobby fishing boats were kept on the beach above the high water mark.

Small cliffs prevented easy access to the shore between Dunwich and Dunwich Heath, approximately 3 km further south. At Dunwich Heath there was car parking and footpaths to the sand and shingle beach which was used by anglers, walkers, dog walkers and people having days out on the beach. The wetland area of the Minsmere Nature Reserve run by the Royal Society for the Protection of Birds (RSPB) was situated close by. This was predominantly a freshwater wetland although periodic encroachment of seawater in the lagoons nearest to the sea was reported. The area attracted many bird watchers.

The sand and shingle shore continued from Minsmere towards Sizewell, approximately 3 km further south. There was no road access to this stretch of coast but the Suffolk Coast Path provided access to the shore by foot.

Figure 5. Dunwich beach

Sizewell and Thorpeness

The hamlet of Sizewell is situated just to the south of the Sizewell nuclear power stations and there is a car park close to the shore. The beach (see Figure 6) was predominantly shingle with sand on the lower shore, which was exposed at low water. The area was popular with walkers, dog walkers and anglers, and people also visited the beach to sit, sunbath, play and swim in the sea. Horse riding was also noted. There were a few beach huts on the upper shore and several small boats, including angling boats, hobby fishing boats and a commercial fishing boat, were kept on the beach. The commercial fisherman sold part of his catch from his house situated close by.

The sand and shingle shore continued for another 3 km southwards from Sizewell to the village of Thorpeness, where there was easy access to the beach, which was popular with walkers and anglers.

Figure 6. Sizewell beach

Aldeburgh

A road runs along the coast from Thorpeness to the town of Aldeburgh, approximately 3 km further south and just to the north of Aldeburgh there is a large car park. The beach in this area was predominantly shingle with patches of sand. The area by the car park was very popular with visitors although many kept to the paths on the top of the shingle bank above the high water mark.

At Aldeburgh town the beach (see Figure 7) was again predominantly shingle with patches of sand towards the low water mark. There was parking close by and easy access to the beach from the town. Several commercial fishing boats operated from the beach and the catch was on sale from huts close by. There was a lifeboat station and both inshore and offshore lifeboats were launched from the beach. The area was used by anglers, dog walkers, people playing on the beach and swimming or paddling in the sea.

Figure 7. Aldeburgh beach

Slaughden and the River Alde

Just to the south of Aldeburgh, Slaughden sits on a narrow isthmus between the River Alde and the North Sea that marks the northern limit of the Orford Ness spit. On the eastern side of the isthmus the beach at Slaughden, which was predominantly shingle with small patches of sand, was a popular angling venue. On the western side of the isthmus is the River Alde and the tidal reaches of the river extend approximately 8 km upstream from Slaughden to Snape Maltings and approximately 5 km downstream to a point just north of Orford where it becomes the River Ore. There were extensive mud flats along the River Alde and patches of salt marsh. Wildfowling took place on some of the salt marshes and one person was identified that collected small quantities of samphire and sea beet for their own family's consumption from the salt marsh. Sightseeing trips along the river were available through the summer on a boat operating from Snape Maltings.

Slaughden was the main centre of activity on the River Alde (see Figure 8) and was a popular boating area where many sailing and pleasure boats were moored. There were two sailing clubs and a boat yard. Sailing, windsurfing, canoeing and swimming took place in the river and pleasure cruises along the river were available. One individual was identified living part time on a boat that rested on mud at low tide and several people were identified fixing moorings on mud and from a boat. It was reported that small quantities of mussels were collected from the river on a non-commercial basis and two adults were identified who consumed mussels that had been given to them by a friend who had collected them. It was reported that the small commercial oyster farm that had previously existed in the River Alde was no longer operating. One family was identified that was playing and dog walking on the salt marsh at

Slaughden and the same family was playing and paddling at a very small sand and stone beach on the river.

Figure 8. The River Alde at Slaughden

Orford, Orford Ness, River Ore and Butley River

The Orford Ness spit extends approximately 15 km down the coast from Slaughden to the southern limit of the survey area at North Weir Point. The narrow spit is bounded by the North Sea to the east and the River Alde and River Ore to the west. The beach on the eastern shore was predominantly shingle, while the land bordering the rivers on the western side of the spit was predominantly freshwater marsh and salt marsh. One person was identified who collected small quantities of samphire for his own consumption from the salt marsh. Much of the area of the spit was a National Nature Reserve, which was managed by the National Trust and attracted approximately 8500 visitors per year. The spit was accessible by boat or by walking along the shore from Slaughden. There was also a track from Slaughden but it was barred by a locked gate and was not available for vehicular use by the general public. The seaward shore of the spit was a very popular angling venue, and voluntary groups undertook litter picking along the beach.

The River Ore is a continuation of the River Alde that extends approximately 9 km from just north of the town of Orford to the sea at North Weir Point. Wildfowling took place on salt marsh at various locations along the river. Orford (see Figure 9) was a busy area with a quay and a sailing club, and many sailing yachts, angling boats and pleasure boats were moored in the river. Four commercial fishing boats were

based there and the catch was sold from huts on the quay. A charter angling boat operated from Orford and it was also used for pleasure trips on the river. Orford was the main access point to Orford Ness and a passenger ferry and other craft took visitors and anglers across the river to the spit. Havergate Island, to the south of Orford was part of the National Nature Reserve and was only accessible by boat. Water skiing was permitted in the River Ore to the south of Havergate Island.

Butley River is a tributary of the River Ore. There was a small passenger ferry across Butley River and a commercial oyster farm. It was reported that small quantities of samphire were collected from the salt marsh.

Figure 9. The River Ore at Orford

4.2 Commercial fisheries

Approximately 25 commercial fishing boats, mostly less than 10 m long, operated from ports and beaches within the aquatic survey area. Many of them only fished part time. The main fishing harbour was at Southwold, but fishing boats also operated from the beaches at Sizewell and Aldeburgh, and from moorings in the River Ore at Orford. A wide variety of fishing methods were used including trawling, long-lining, gill-netting, and trammel-netting for mixed demersal fish species; drift-netting for mackerel, herring and sprat; and potting for crab and lobster. The main target species in the demersal fisheries were Dover sole, cod, bass and thornback ray but a variety of other species were also caught. Whelks were caught incidentally in several types of fishing gear. Many vessels used more than one type of fishing gear. One commercial oyster fishermen farmed oysters in Butley River.

4.3 Destination of seafood originating from the aquatic survey area

Fish and shellfish were sold directly to the public from fishermen's huts at Southwold, Sizewell, Aldeburgh and Orford. Fish and shellfish were also supplied to local hotels and restaurants, and sold further afield through merchants in Lowestoft.

4.4 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 from boats that do not have commercial fishing licences and therefore it is illegal to offer the catch for sale. Several hobby fishermen operated in the survey area, mainly from Southwold harbour. They used trawl-nets, shrimp-nets, drift-nets, trammel-nets, long-lines and lobster pots. They caught the same range of fish and shellfish species as the commercial fishermen but also caught brown shrimps. The catches were consumed by the fishermen's families and friends.

Two charter angling boats operated from Southwold harbour and one operated from Orford. Several private angling boats were based at Southwold and Orford and a few others were launched from beaches throughout the survey area. Shore angling was popular at many locations along the coast including Southwold, Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness, Aldeburgh, Slaughden and Orford Ness, and angling for estuarine species also took place from the banks of the tidal rivers. The main edible species caught by shore anglers were cod, whiting, bass, dab, and Dover sole. Boat anglers caught the same species, as well as mackerel and thornback ray.

4.5 Wildfowling

A wildfowling club with approximately 80 members was identified that shot on various salt marshes along the River Alde and the River Ore. The club had shooting rights to other land outside the survey area so not all the members shot within the survey area. Wildfowl were also shot by people shooting over farmland and around freshwater ponds in the terrestrial survey area, particularly in the area around Theberton and Eastbridge. The main species being shot were Canada goose, greylag goose, pink-footed goose, mallard, pintail, teal and wigeon. The wildfowl were consumed by the people who shot them and their families and friends.

4.6 Other pathways

The consumption of small quantities of mussels collected from the River Alde near Slaughden was identified. The consumption of small quantities of samphire collected from the River Alde and Orford Ness, and small quantities of sea beet collected from the River Alde, was also recorded. One person

reported that they occasionally used small quantities of seaweed collected from the shore within the survey area as a fertilizer around apple trees in their garden.

4.7 Food consumption data

Consumption data for aquatic foods are presented in Tables 3 to 7 for adults and in Tables 8 to 10 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 3.4, 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 commercial and hobby fishermen, anglers, wildfowlers, and the families and friends of these groups of people.

Table B presents a summary of the adults' consumption rates for the following food groups: 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 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 B. Summary of adults' consumption rates of foods from the aquatic survey area

Food group	Number of observations	Number of high-rate consumers	Observed maximum for the high-rate group (kg y^{-1})	Observed minimum for the high-rate group (kg y^{-1})	Observed mean for the high-rate group (kg y^{-1})	Observed 97.5th percentile (kg y^{-1})	Generic mean* (kg y^{-1})	Generic 97.5th percentile* (kg y^{-1})
Fish	137	37	47.2	16.6	23.5†	39	15	40
Crustaceans	41	5	15.5	6.1	10.4	12.1	3.5	10
Molluscs	5	1	3.2	3.2	3.2	2.9	3.5	10
Wildfowl	19	4	12.1	5.8	9	12.1	Not determined	Not determined
Marine plants/algae	3	2	0.6	0.6	0.6	0.6	Not determined	Not determined

(*Generic rates based on data from Byrom *et al.*, 1995.)

(†The actual value for the mean consumption rate for the high-rate group for fish is 23.46 kg y^{-1}, which is 23.5 kg y^{-1} when rounded to one decimal place, as presented in the tables, but is 23 kg y^{-1} when rounded to two significant figures, as presented in the text.)

The predominant species of fish consumed by adults were bass, cod, Dover sole and thornback ray, with smaller quantities of brill, dab, dogfish, flounder, herring, lemon sole, plaice, red gurnard, sprat and whiting. The fish were caught throughout the aquatic survey area. Of the fish consumed by the 37 people in the high-rate group, the percentage breakdown of species, rounded to the nearest 5%, was 50% cod, 20% bass, 10% Dover sole, 10% thornback ray, and 10% a mix of dab, dogfish, flounder, herring, lemon sole, plaice, red gurnard, sprat and whiting. No brill were consumed by the members of the high-rate group.

The main species of crustaceans consumed by adults were brown crab and common lobster, with smaller quantities of brown shrimp. The brown crab and common lobster were caught from patches scattered throughout the aquatic survey area. The brown shrimps were caught in shallow water in the northern part of the survey area. Of the crustaceans consumed by the 5 people in the high-rate group, the percentage breakdown of species, rounded to the nearest 5%, was 60% brown crab and 40% common lobster. No brown shrimp were consumed by the members of the high-rate group.

The main species of molluscs consumed by adults were whelks, with smaller quantities of mussels and Pacific oysters. The whelks were caught incidentally by fisherman using pots and longlines to target other species off Aldeburgh. The mussels were collected from the River Alde and the Pacific oysters were farmed in Butley River. The only species of mollusc consumed by the single person in the high-rate group was whelks. No mussels or Pacific oysters were consumed by the person in the high-rate group.

The main species of wildfowl consumed by adults were Canada goose, greylag goose and mallard, with smaller quantities of pink-footed goose, pintail, teal and wigeon. The wildfowl were mainly shot over salt marshes along the River Alde and the River Ore but were also shot over farmland and near freshwater ponds. All the wildfowl have been classed as an aquatic food irrespective of where they were shot since they had probably all spent time in the estuaries. Of the wildfowl consumed by the four people in the high-rate group, the percentage breakdown of species, rounded to the nearest 5%, was 45% greylag goose, 20% Canada goose, 10% mallard, 10% pink-footed goose, 10% wigeon and 5% a mix of pintail and teal.

The main species of marine plants/algae consumed by adults were samphire and sea beet. The plants were collected from saltmarsh on the River Alde and at Orford Ness. Of the marine plants/algae consumed by the two people in the high-rate group, the percentage breakdown of species, rounded to the nearest 5%, was 60% sea beet and 40% samphire.

Children's and infants' consumption rates

Table C presents a summary of children's consumption rates of fish, crustaceans and molluscs and infants' consumption rates of fish from the aquatic survey area. No consumption of wildfowl or marine

plants/algae was identified for the child age group and no consumption of crustaceans, molluscs, wildfowl or marine plants/algae was identified for the infant age group. 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 or infant age groups.

Table C. Summary of children's and infants' consumption rates of foods from the aquatic survey area

Food group	Number of observations	Number of high-rate consumers	Observed maximum for the high-rate group (kg y^{-1})	Observed minimum for the high-rate group (kg y^{-1})	Observed mean for the high-rate group (kg y^{-1})	Observed 97.5th percentile (kg y^{-1})
Child age group (6 – 15 years old)						
Fish	10	8	17.7	7.4	14	17.5
Crustaceans	4	3	1.7	0.7	1.4	1.7
Molluscs	1	1	0.8	0.8	0.8	Not applicable
Infant age group (0 – 5 years old)						
Fish	1	1	7.4	7.4	7.4	Not applicable

The predominant species of fish consumed by the individuals in the child age group were bass and cod, with smaller quantities of brill, dab, dogfish, Dover sole, flounder, thornback ray and whiting. The predominant species of fish consumed by the individual in the infant age group were bass and cod, with smaller quantities of Dover sole.

The species of crustaceans consumed by the individuals in the child age group were brown crab, and common lobster.

The only species of molluscs consumed by the individual in the child age group was whelks.

4.8 Intertidal occupancy

Intertidal occupancy rates for adults are presented in Table 11 and intertidal occupancy rates for children and infants are presented in Table 12. It should be noted that there are often more than one substrate at one named location and that substrates at a given location are liable to change over time. Activities were assigned to the predominant substrate over which they were taking place.

Adults' intertidal occupancy rates

Table D presents a summary of the adults' intertidal occupancy rates 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 D. Summary of adults' intertidal occupancy rates

Intertidal substrate	Number of observations	Number of people in the high-rate group	Maximum of the high-rate group (h y^{-1})	Mean of the high-rate group (h y^{-1})	97.5th percentile (h y^{-1})
Mud	8	5	169	162	169
Salt marsh	20	6	240	175	240
Sand	19	4	248	146	189
Sand and stones	76	16	1017	591	847
Stones	68	1	1251	1251	319
Boat on mud	1	1	840	840	Not applicable

The activities undertaken by people in the adult high-rate groups for occupancy over each of the intertidal substrates were:

- For mud: fixing moorings on the River Alde at Slaughden.
- For salt marsh: angling on the River Blyth; dog walking and playing on the River Alde at Slaughden; collecting marine plants on the River Alde (but this was not a high time activity).
- For sand: sitting on the beach and water sports preparation at Southwold and Walberswick; dog walking at Walberswick.
- For sand and stones: angling at Southwold, Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness, Aldeburgh and Slaughden; dog walking, jogging and attending to boat and fishing gear at Sizewell.
- For stones: angling at Orford Ness.
- For boat on mud: living on a boat (part time) on the River Alde at Slaughden.

Children's and infants' intertidal occupancy rates

Table E presents a summary of the children's and infants' intertidal occupancy rates 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 E. Summary of children's and infants' intertidal occupancy rates					
Intertidal substrate	**Number of observations**	**Number of people in the high-rate group**	**Maximum of the high-rate group (h y^{-1})**	**Mean of the high-rate group (h y^{-1})**	**97.5th percentile (h y^{-1})**
Child age group (6 – 15 years old)					
Salt marsh	5	5	18	13	18
Sand	1	1	20	20	Not applicable
Sand and stones	6	2	339	237	313
Infant age group (0 – 5 years old)					
Salt marsh	5	4	26	24	26
Sand	1	1	20	20	Not applicable
Sand and stones	4	1	80	80	76
Stones	4	4	39	29	39

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

- For salt marsh: crabbing at Walberswick.
- For sand: playing at Walberswick
- For sand and stones: angling at Southwold, Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness, Aldeburgh and Slaughden; dog walking and walking at Sizewell.

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

- For salt marsh: playing on the River Alde at Slaughden; crabbing at Walberswick.
- For sand: playing at Walberswick.
- For sand and stones: playing at Southwold.
- For stones: playing at Aldeburgh, Slaughden and Dunwich.

4.9 Gamma dose rate measurements

Gamma dose rate measurements were taken over six intertidal substrates. All measurements were taken at a height of 1 metre above the substrate. The results are presented in Table 13 and are summarised in Table F.

Table F. Summary of gamma dose rate measurements taken over intertidal substrates			
Substrate	**Number of measurements taken**	**Minimum gamma dose rate at 1 metre[a] (μGy h^{-1})**	**Maximum gamma dose rate at 1 metre[a] (μGy h^{-1})**
Mud	1	0.063 (one measurement only)	
Mud and stones	2	0.053 (both readings the same)	
Salt marsh	3	0.061	0.068
Sand	2	0.046	0.050
Sand and stones	5	0.040	0.044
Stones	1	0.046 (one measurement only)	

Notes
[a]These measurements have not been adjusted for background dose rates.

For comparison, natural background levels have been estimated at 0.05 μGy h^{-1} over sand, 0.07 μGy h^{-1} over mud and over salt marsh, and 0.06 μGy h^{-1} over other substrates (EA, FSA, FSS, NRW, NIEA and SEPA, 2015).

4.10 Handling of fishing gear and sediment

Handling fishing gear 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, 1991).

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 was not considered to be a significant pathway. Therefore, as in previous surveys, data for this pathway were not collected.

Handling rates of fishing gear and sediment for adults are presented in Table 14 and handling rates of fishing gear and sediment for children and infants are presented in Table 15.

Adults' handling rates of fishing gear and sediment

Table G 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 G. Summary of adults' handling rates of fishing gear and sediment

Handling activity	Number of observations	Number of people in the high-rate group	Maximum of the high-rate group ($h\ y^{-1}$)	Mean of the high-rate group ($h\ y^{-1}$)	97.5th percentile ($h\ y^{-1}$)
Handling fishing gear	36	17	1925	1145	1925
Handling sediment	12	5	188	176	188

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

- For handling fishing gear: handling nets, pots and lines throughout the survey area; handling oyster dredges in Butley River.
- For handling sediment: fixing moorings on the River Alde at Slaughden.

Children's and infants' handling rates of fishing gear and sediment

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

Table H. Summary of children's and infants' handling rates of fishing gear and sediment

Handling activity	Number of observations	Number of people in the high-rate group	Maximum of the high-rate group ($h\ y^{-1}$)	Mean of the high-rate group ($h\ y^{-1}$)	97.5th percentile ($h\ y^{-1}$)
Child age group (6 – 15 years old)					
Handling fishing gear	5	5	18	13	18
Handling sediment	Not identified				
Infant age group (0 – 5 years old)					
Handling fishing gear	2	2	18	12	18
Handling sediment	Not identified				

The only activity undertaken by people in both the child and infant age group high-rate groups for handling fishing gear was handling crab lines at Walberswick.

4.11 Water based activities

Activities taking place in or on the 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 ingestion of foods produced in the vicinity of a nuclear site. However,

relevant data have been collected for consideration in dose assessments. Mean occupancy rates for the high-rate groups and 97.5th percentile rates have not been calculated.

Activities where there is a high likelihood of the individual's face submerging under water have been classified as activities 'in water', as they are more likely to lead to ingestion of water. All other activities have been classified as activities 'on water'.

Occupancy rates for activities taking place 'in water' and 'on water' in the aquatic survey area are presented in Table 16 for adults and Table 17 for children and infants.

Activities in the water

The activities identified taking place in the water in the aquatic survey area were surfing and swimming. Sixteen observations were recorded for adults. No observations were recorded for the child or infant age groups. The highest occupancy rate for adults was 400 h y^{-1} for two individuals who were surfing at Southwold and Walberswick.

Activities on the water

The activities taking place on the water in the aquatic survey area were living on a boat, sailing, fishing (including setting nets, pots and long lines, trawling and oyster dredging), charter boat duties, motor launch duties, fixing moorings, boat maintenance, boat duties, rescue duties, paddling, boat angling and warden duties. One hundred and thirty-nine observations were recorded for adults, four observations were recorded for the child age group and seven observations were recorded for the infant age group. The highest occupancy rate for adults was 2900 h y^{-1} for two individuals who were living on a boat in Southwold Harbour. The highest occupancy rate for the child age group was 50 h y^{-1} for a child who was sailing off Southwold. The highest occupancy rate for the infant age group was 10 h y^{-1} for an infant who was paddling at Southwold.

5 TERRESTRIAL RADIATION PATHWAYS

5.1 Terrestrial survey area

The terrestrial survey area (see Figure 2, page 22) covered the land and freshwater watercourses within 5 km of the site centre (National Grid Reference: TM 473 634).

The land in the terrestrial survey area is predominantly agricultural, with scattered patches of woodland, heath and marsh. The main population centre is the town of Leiston, situated approximately 3 km to the west of the site. The villages of Theberton and Eastbridge are located to the northwest of the survey area and the villages of Aldringham and Coldfair Green are located to the southwest. The hamlet of Sizewell is situated close to the southern boundary of the nuclear site and the village of Thorpeness is further south along the coast. The wetlands and freshwater ponds that constitute the Minsmere Nature Reserve are located in the north of the survey area and a lake called Thorpeness Meare is located in the south of the survey area.

Seven working farms were identified in the Sizewell terrestrial survey area. Additionally, one farmer and a large farming company were identified as farming land within the 5 km survey area, but their main businesses were based outside this 5 km radius. Of these 9 farming businesses:

- One produced beef cattle
- One produced beef cattle and lambs
- One produced beef cattle, lambs and pigs
- One produced beef cattle and arable crops
- One produced lambs and arable crops
- One produced pigs
- Three produced arable crops

The arable crops included wheat, barley, sugar beet, potatoes, onions, carrots, parsnips, turnips and soft fruit (raspberries). Grass (for silage) and maize were grown for use as animal feed on the farms on which they were produced. Asparagus was an important crop on the land just outside the survey area.

Farmers and their families were noted to be consuming beef, pork and lamb produced on their own farms.

Three market gardens were identified within the survey area. They produced a wide variety of vegetable and salad crops and one also kept chickens for eggs. One market gardener also kept ducks and geese for eggs solely for his own family's consumption.

Three allotment sites, with a total of approximately 220 individual plots, and many private gardens were located in the survey area. Several of the allotment holders had more than one plot. A wide variety of fruit and vegetables were grown in the gardens and on the allotments and some individuals kept chickens for eggs.

Two beekeepers who kept hives in the survey area were interviewed. One of the beekeepers had four hives located at Thorpeness and the other had four hives located to the west of Leiston. One beekeeper reported that the production of honey varied between 5 kg and 18 kg per hive per year and the other reported that the production of honey varied from 18 kg to 32 kg per hive per year. Some of the honey was consumed by the apiarists' families and friends and some was sold.

The wild foods collected from within the survey area and consumed comprised blackberries, bullace plums, chestnuts, damsons, hazelnuts, elderberries, elderflowers, plums, sloes and mushrooms.

Shooting took place on many of the farms within the survey area and organised game shooting was also identified. The shooters and their families consumed the shot partridge, pheasant, pigeon, rabbit and venison (red deer and muntjac deer). Deer were also culled for population control in the area around Minsmere and in the woodlands to the north-west of the power stations. The shooters in the terrestrial survey area also shot wildfowl, as discussed in the aquatic section of this report.

The main bodies of freshwater in the terrestrial survey area that were potentially affected by the deposition of gaseous discharges were the ponds at Minsmere and Thorpeness Meare. Minsmere was an RSPB Nature Reserve and beef cattle grazed on the marshland around the ponds in the reserve. One person was identified cutting reeds from a boat. Thorpeness Meare was used as a boating lake and rowing boats were rented out to the public through the summer months. Coarse fishing was permitted on a 'catch and return' basis only. Two people were identified cutting reeds from a boat.

The consumption of groundwater by humans and livestock was identified. Six households situated in the south of the survey area and one situated in the centre of the survey area used well water or borehole water as their sole domestic supply and one household situated in the centre of the survey area used well water for some domestic purposes although they also used mains supply water. The consumption rates of groundwater were not investigated since representative water intake values for assessment purposes are provided in Smith and Jones (2003). Livestock were supplied with well water or borehole water for drinking at three farms and livestock at other farms had access to ditch water. Groundwater was used for irrigating arable crops.

5.2 Destination of food originating from the terrestrial survey area

Beef cattle, pigs and lambs were sold at Norwich livestock market or sent to abattoirs outside the survey area to supply meat for national supermarket chains. Beef, pork and lamb were also sold direct to the public from farms and local farm shops. Sugar beet was sold to a national sugar producer; wheat was

sold nationally for human consumption and animal feed; barley was sold nationally for malting; vegetables were sold to national supermarket chains; and raspberries were sold through local farm shops.

Vegetables, salad crops and chicken eggs produced on the market gardens were sold direct to the public or supplied to local market stalls, shops and restaurants. The beekeepers' honey was sold from the door and from a local shop. Culled deer were sold to a specialist game retailer outside the area.

5.3 The potential transfer of contamination off-site by wildlife

Representatives from the Sizewell site reported that control measures taken against wildlife, which limited the possibility that contamination was transferred offsite, included periodically culling rabbits from the area around the site and replacing seagull's eggs with dummies in order to discourage them from nesting on the site. Culled rabbits did not enter the food chain. There were also wild peregrine falcons in the locality, which helped to deter pigeons.

5.4 Food consumption data

Consumption data for locally produced foodstuffs potentially affected by deposition of gaseous discharges are presented in Tables 18 to 32 for adults and Tables 33 to 40 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 3.4, 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 41.

Adults' consumption rates

Consumption of locally produced foods was identified in the following 15 food groups: green vegetables; other vegetables; root vegetables; potato; domestic fruit; cattle meat; pig meat; sheep meat; poultry; eggs; wild/free foods; rabbits/hares; honey; wild fungi; venison. No consumption of milk was identified.

Table I 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. No generic rates have been determined for venison.

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

Food group	Number of observations	Number of high-rate consumers	Observed maximum for the high-rate group (kg y^{-1})	Observed minimum for the high-rate group (kg y^{-1})	Observed mean for the high-rate group (kg y^{-1})	Observed 97.5th percentile (kg y^{-1})	Generic mean* (kg y^{-1})	Generic 97.5th percentile* (kg y^{-1})
Green vegetables	149	43	79.7	26.9	46.6	73.8	15	45
Other vegetables	147	35	63.6	24.4	41.7	60	20	50
Root vegetables	148	42	90.9	30.4	50.9	66.9	10	40
Potato	140	36	116.7	43	77.5	100.8	50	120
Domestic fruit	108	15	73.7	25.2	36.9	44	20	75
Cattle Meat	14	11	23.6	10.4	19.2	23.6	15	45
Pig meat	8	8	26.1	11.4	18.7	26.1	15	40
Sheep meat	10	6	11.3	5.1	7.2	11.3	8	25
Poultry	38	2	10.8	5.9	8.4	6.3	10	30
Eggs	48	21	41.6	15.7	22.6	39.1	8.5	25
Wild/free foods	85	17	5.8	2.3	4.1	5.3	7	25
Rabbits/hares	14	2	2.7	2.7	2.7	2.7	6	15
Honey	10	2	10.9	10.9	10.9	10.9	2.5	9.5
Wild fungi	3	3	0.9	0.5	0.6	0.9	3	10
Venison	13	4	31.8	31.8	31.8	31.8	Not determined	Not determined

(*Generic rates based on data from Byrom *et al.*, 1995.)

Three of the mean consumption rates for the high-rate groups were greater than the generic 97.5th percentile consumption rates. These were for green vegetables, root vegetables and honey. Nine of the 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, pig meat, eggs and honey. Five of the observed 97.5th percentile consumption rates exceeded the generic 97.5th percentile consumption rates. These were for green vegetables, other vegetables, root vegetables, eggs and honey.

Children's and infants' consumption rates

Nineteen individuals in the child age group and five individuals in the infant age group were identified consuming foods from the terrestrial survey area. Table J presents a summary of children's and infants' consumption rates. The table includes 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 or infant age groups. In the child age group, no consumption of foods from the following food groups was identified: milk; cattle meat; pig meat; sheep meat; rabbits/hares; honey; wild fungi; venison. In the infant age

group, no consumption of foods from the following food groups was identified: milk; cattle meat; pig meat; sheep meat; poultry; rabbits/hares; honey; wild fungi; venison.

Table J. Summary of children's and infants' consumption rates of foods from the terrestrial survey area

Food group	Number of observations	Number of high-rate consumers	Observed maximum for the high-rate group (kg y^{-1})	Observed minimum for the high-rate group (kg y^{-1})	Observed mean for the high-rate group (kg y^{-1})	Observed 97.5th percentile (kg y^{-1})
Child age group (6 - 15 years old)						
Green vegetables	19	7	16.5	5.5	10	15.9
Other vegetables	18	11	9.4	4.3	6.3	9.4
Root vegetables	19	7	11.7	7.3	9.9	11.7
Potato	19	6	26.1	9.6	20.3	26.1
Domestic fruit	14	4	14.4	7	12.5	14.4
Poultry	1	1	0.5	0.5	0.5	Not applicable
Eggs	1	1	1.8	1.8	1.8	Not applicable
Wild/free foods	9	4	1.6	0.9	1.1	1.5
Infant age group (0 - 5 years old)						
Green vegetables	5	2	11	7.3	9.1	10.6
Other vegetables	5	5	4	1.7	2.7	3.9
Root vegetables	5	2	6.4	4.2	5.3	6.1
Potato	5	5	10.3	4.6	7.5	10.2
Domestic fruit	5	3	4.6	1.6	3.1	4.5
Eggs	1	1	3.9	3.9	3.9	Not applicable
Wild/free foods	2	2	0.2	0.1	0.2	0.2

5.5 Water based activities

Occupancy in or on freshwater within the terrestrial survey area (i.e. water potentially subject only to the washout of gaseous discharges and not to liquid discharges) is considered to be of very minor radiological importance compared to occupancy in or on water in the aquatic survey area, and data for this pathway is not usually collected during habits surveys. However, three adults were identified with occupancy on freshwater in the terrestrial survey area. The highest occupancy rate was 520 h y^{-1} for two individuals who were reed cutting aboard a boat on Thorpeness Meare. No data was collected for children or infants spending time on freshwater in the terrestrial survey area.

6 DIRECT RADIATION PATHWAYS

6.1 Direct radiation survey area

The direct radiation survey area (see Figure 2, page 22) covered all land and sea within 1 km of the Sizewell site boundary. For the purposes of the direct radiation survey, the site boundary was taken as the perimeter of the licensed area, except on the eastern side of the site where the licensed area extended out onto the shore into an unfenced area frequently used by members of the public. Because of this, the boundary on the eastern side of the site was taken as the perimeter fence. The occupancy data collected from the direct radiation area is also applicable to inhalation and external exposure arising from gaseous releases from the site.

The land within the direct radiation survey area was predominantly rural and consisted mainly of woodland, heathland and wet grassland. Parts of the area were used for grazing livestock and there was a small piece of arable farmland in the far south. Several tracks and footpaths ran through the land and a road cut through the southern part of the survey area providing access to the coast at the hamlet of Sizewell, where there were several residential properties, a café and a pub. Further south from the hamlet there was a farm, a holiday park, a conference centre and a few scattered residential properties. A small number of residential properties were situated to the west and south-west of the site and to the south-west there was also an on-shore sub-station facility for an offshore wind farm. The Sizewell B Visitors Centre and electricity sub-station were located on the western side of the power station within the nuclear licensed area.

The eastern side of the power stations was situated directly adjacent to a band of scrub covered sand dunes, beyond which was a shingle bank, then the beach and sea. The Suffolk Coastal Path and numerous other smaller footpaths ran through the dunes.

The proposed area for the new nuclear site at Sizewell includes land in the direct radiation survey area, mainly to the north and northwest of the existing site, with a small area to the south.

6.2 Residential activities

The direct radiation survey area was sparsely populated; 30 residential properties were identified, three of which were unoccupied. Interviews were conducted at 18 residences, one of which included a family with a child. Two of these residences were mobile homes and four were businesses where people were living and working. Four of the properties at which interviews were conducted were within the 0 – 0.25 km zone, four properties were within the >0.25 – 0.5 km zone and ten properties were within the >0.5 – 1.0 km zone.

6.3 Leisure and educational activities

The Sizewell B Visitors Centre was open to members of the public of all ages and received about 3000 visitors per year. The centre also offered guided tours of the Sizewell B power station for people over 11 years of age.

The tracks and footpaths throughout the direct radiation survey area were used by walkers and dog walkers and the beach and dunes were particularly popular locations for these activities. There were a few beach huts on the upper shore near the hamlet of Sizewell and several angling and fishing boats were kept on the beach. People spent time at their beach huts sitting or playing on the beach and the boat owners spent time attending to their boats and launching them. Other people also visited the beach to sunbath, play and swim in the sea. The beach was a popular angling venue and horse riding was also noted.

The holiday park was open for 11 months of the year and had approximately 70 pitches for static caravans and lodges, as well as catering for touring caravans. Many of the static caravans were privately owned and some of the owners spent extended periods of the year staying in their caravans. The conference centre received approximately 6000 visitors per year, and the visitors usually stayed for periods ranging from two days to a week.

6.4 Commercial activities

Commercial activities in the direct radiation survey area were limited and a total of eight businesses were identified including commercial fishing and farming. Four of the businesses were also residential properties but they all employed small numbers of additional staff who were not residential.

The activities of Sizewell site employees and contractors while at work were not considered in the direct radiation survey, as radiation workers are subject to different radiation protection criteria.

6.5 Occupancy rates

Table 42 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 43. A summary of occupancy rates in the direct radiation survey area is presented in Table K. Where generic data for groups of people were collected, for example employees of businesses, only representative examples have been included in the data presented.

Table K. Summary of direct radiation occupancy rates				
Zone	**Number of observations**	**Highest indoor occupancy (h y^{-1})**	**Highest outdoor occupancy (h y^{-1})**	**Highest total occupancy (h y^{-1})**
Within the licensed site area	2	950	950	1900
0 - 0.25 km	38	7430	4380	8395
>0.25 - 0.5 km	12	8292	1554	8709
>0.5 - 1.0 km	56	7876	2192	8620

Within the licensed site area

Occupancy data for two people who were working within the nuclear licensed site area but were not Sizewell site employees or contractors were included in the analysis. The highest indoor, outdoor and total occupancy rates were for one of these workers.

0 - 0.25 km from the nuclear licensed site boundary

Occupancy data for 38 individuals in the 0 - 0.25 km zone were included in the analysis. The observations were for nine residents, three of whom were also working in the area, five other people who were working in the area, three people who were tending boats and fishing gear, 13 dog walkers, six walkers and two anglers. The highest indoor and total occupancy rates were for different residents. The highest outdoor occupancy rate was for a resident who was also working (fishing) in the area.

>0.25 - 0.5 km from the nuclear licensed site boundary

Occupancy data for 12 individuals in the >0.25 - 0.5 km zone were included in the analysis. The observations were for five residents, two of whom were also working in the area, one other person who was working in the area and six dog walkers. A resident had the highest indoor and total occupancy rates and a different resident had the highest outdoor occupancy rate.

>0.5 - 1.0 km from the nuclear licensed site boundary

Occupancy data for 56 people in the >0.5 - 1.0 km zone were included in the analysis. The observations were for 22 residents, seven of whom were also working in the area, 21 other people who were working in the area, 10 people staying in caravans and 3 visitors. Three different residents had the highest indoor, outdoor and total occupancy rates.

6.6 Gamma dose rate measurements

Gamma dose rate measurements were taken indoors and outdoors at most properties where interviews were conducted in the Sizewell direct radiation survey area. Outdoor measurements were taken approximately 5 to 10 metres from the nearest building, and where possible, were taken 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 a Mini 600 Series Type 6-81 Environmental Radiation Meter with a compensated Geiger-Müller tube. The indoor and outdoor measurements have not been adjusted for background dose rates. The results are presented in Table 44 and are summarised in Table L.

Table L. Summary of gamma dose rate measurements taken indoors and outdoors at properties in the direct radiation survey area

Substrate	Number of measurements taken	Minimum gamma dose rate at 1 metre ($\mu Gy\ h^{-1}$)	Maximum gamma dose rate at 1 metre ($\mu Gy\ h^{-1}$)
Indoor measurements[a]			
Concrete	7	0.069	0.091
Wood	9	0.052	0.088
Outdoor measurements[a]			
Grass	16	0.048	0.064
Sandy soil	1	0.062 (one measurement)	
Background measurements			
Grass	3	0.049	0.056

Notes

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

The measurements taken outdoors at the properties were not notably different from the background measurements but several of the indoor measurements were notably higher than the background readings. 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 inside properties are expected to be higher than those taken outdoors.

Estimates of the average annual doses from background radiation to the population across the UK, by county, have been made by Public Health England (previously the Radiation Protection Division of the Health Protection Agency), the most recent of these being a review conducted in 2005 (Watson *et al*, 2005). Further information on background radiation relevant to the geographic region covered in the Sizewell habits survey can be found in the review.

7 USES OF HABITS DATA FOR DOSE ASSESSMENTS

7.1 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 and Annex 2 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 45. Each of the 27 combinations shown in Table 45 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 45 because they have fewer pathways and a dose assessment for them would be adequately covered by one of the 27 listed combinations.

7.2 Foetal dose assessment

Dose assessment of the foetus 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 Radiation Protection Division of the Health Protection Agency (National Radiological Protection Board, 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 the foetus. Therefore, consumption and occupancy data collected during the Sizewell habits survey for females of childbearing age are presented in Annex 5. The Office of National Statistics classifies women to be of childbearing age if they are between 15 – 44 years old (www.ons.gov.uk); this age range has been used in Annex 5. 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 5 as they might be women of childbearing age.

7.3 Total dose assessment

The UK environment agencies and the Food Standards Agency 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) has considered this approach to

assessing retrospective total doses (Camplin *et al*, 2005) and has 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 (e.g. EA, FSA, FSS, NRW, NIEA and SEPA, 2015).

The relevant matrix for the adults' profiled habits data is shown in Annex 6. Additionally, profiles have been created for the child and infant age groups, and for women of childbearing age. These are shown in Annexes 7, 8, and 9 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.

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8 COMPARISONS WITH THE PREVIOUS SURVEY

The results from this 2015 survey are compared below with results from the last combined habits survey undertaken at Sizewell in 2010. The aquatic, terrestrial and direct radiation survey areas in the 2015 survey were the same as those in the 2010 survey. The comparison of occupancy rates in the direct radiation area is for all age groups combined. All other comparisons are for adults only.

8.1 Aquatic survey area

The types of activities identified in 2015 were very similar to those identified in 2010.

The main species of fish consumed by the adult high-rate group were the same in 2010 and 2015, comprising cod, bass, Dover sole and thornback ray. The main species of crustaceans consumed by the adult high-rate group were also the same in 2010 and 2015, comprising brown crab and common lobster. The main species of molluscs consumed by the adult high-rate group in 2010 were whelks and Pacific oysters, but in 2015 the only species consumed by the single person in the high-rate group was whelks. The main species of wildfowl consumed by the adult high-rate group in 2010 were mallard, greylag goose and Canada goose. The main species in 2015 were the same, with the addition of pink-footed goose and wigeon. In 2010 the main species of marine plants/algae consumed by the adult high-rate group were samphire, sea purslane and sea beet, whereas in 2015 only samphire and sea beet were consumed by the high-rate group.

A comparison between the 2010 and 2015 data for the consumption of aquatic foods is presented in Table M.

Table M. Comparison between 2010 and 2015 consumption rates of aquatic food groups for adults

	2010			2015		
Food group	**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})**
Fish	33	52.0	28.1	37	47.2	23.5
Crustaceans	5	21.4	13.9	5	15.5	10.4
Molluscs	8	5.0	4.2	1	3.2	3.2
Wildfowl	7	8.5	7.5	4	12.1	9.0
Marine plants/algae	4	1.0	0.9	2	0.6	0.6

In 2015, compared with 2010, there were decreases in the mean consumption rate for the adult high-rate group for fish, crustaceans, molluscs, and marine plants algae, and an increase in the mean consumption rate for the adult high-rate group for wildfowl. No specific reasons were identified for the changes.

In 2010 intertidal occupancy for adults was recorded over the following seven substrates: mud; mud and stones; saltmarsh; sand; sand and stones; stones; boat on mud. In 2015 activities were recorded over similar substrates, except that occupancy over mud and stones was not identified.

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

- In 2010: angling, dog walking, playing, fixing moorings, boat maintenance, walking, nature conservation duties, supervising youth groups and living on a boat.
- In 2015: angling, dog walking, playing, fixing moorings, attending to boats and fishing gear, jogging, sitting on the beach, collecting marine plants, water sports preparation and living on a boat.

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

- In 2010: handling nets, pots and lines.
- In 2015: handling nets, pots, lines and oyster dredges.

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

- In 2010 and 2015: fixing moorings.

A comparison between the 2010 and 2015 data for adult occupancy over intertidal substrates, handling fishing gear and handling sediment is shown in Table N.

Table N. Comparison between 2010 and 2015 intertidal occupancy rates and handling rates of fishing gear and sediment for adults

	2010			2015		
Intertidal substrate or handling pathway	**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	7	411	206	5	169	162
Mud and stones	3	70	70	Not identified		
Salt marsh	1	411	411	6	240	175
Sand	6	90	80	4	248	146
Sand and stones	11	525	275	16	1017	591
Stones	9	936	687	1	1251	1251
Boat on mud	1	5901	5901	1	840	840
Handling fishing gear	14	1920	1125	17	1925	1145
Handling sediment	6	182	172	5	188	176

In 2015, compared to 2010, the mean intertidal occupancy rate for the adult high-rate group decreased moderately over mud; decreased significantly over salt marsh and boat on mud; and increased significantly over sand, sand and stones, and stones. Occupancy over mud and stones was identified in 2010 but not in 2015.

The decreases in the occupancy rates over mud and over salt marsh were mainly due to changes in the duties of nature wardens. The large decrease in the occupancy rate over boat on mud was because the person who had, in 2010, lived for most of the year on a boat that rested on mud was now living elsewhere and only staying on the boat for limited periods. The increases in the occupancy rates over sand, sand and stones, and stones were attributed mainly to changes in the nature of the substrates over which activities were reported to take place at certain locations. Also, the high occupancy rate over stones in 2015 was because there was only one person in the high-rate group.

The mean rates for the adult high-rate groups for handling fishing gear and for handling sediment were almost the same in 2010 and 2015.

For activities taking place in the water in the aquatic survey area, the maximum adult occupancy rate increased from 140 h y^{-1} in 2010, for a person who was windsurfing between Southwold and Aldeburgh,

to 400 h y^{-1} in 2015, for two people who were surfing at Southwold and Walberswick. Windsurfing and surfing are classified as activities 'in water' as they are likely to lead to ingestion of water.

For activities taking place on the water in the aquatic survey area, the maximum adult occupancy rate in both years was for two people who were living on a boat in Southwold Harbour, and this decreased from 3900 h y^{-1} in 2010 to 2900 h y^{-1} in 2015.

No use of seaweed as a fertiliser or animal feed was identified in 2010 but in 2015 one person reported that they occasionally used small quantities of seaweed as a fertilizer around apple trees in their garden.

8.2 Terrestrial survey area

Activities in the terrestrial survey area in 2015 were broadly similar to those in 2010. The main differences were that an agricultural business that grew soft fruit in 2010 had stopped growing fruit in 2015 and that no dairy cattle were kept in the area in 2010 although there had been a small number in 2015. The principal types of farm produce within the area continued to be a mix of beef cattle, lambs, pigs and arable crops.

Market gardening, growing of fruit and vegetables in gardens and on allotment sites, beekeeping, shooting on farmland and the collection of wild/free foods were identified in both surveys. The mean consumption rates for the adult high-rate groups for terrestrial food groups from the 2010 and 2015 surveys are shown in Table O.

Table O. Comparison between 2010 and 2015 mean consumption rates for the adult high-rate groups for terrestrial food groups (kg y^{-1} and l y^{-1})

Food group	2010	2015
Green vegetables	49.9	46.6
Other vegetables	48.5	41.7
Root vegetables	57.1	50.9
Potatoes	69.4	77.5
Domestic fruit	44.3	36.9
Milk	219.0	Not identified
Cattle meat	31.8	19.2
Pig meat	35.7	18.7
Sheep meat	2.7	7.2
Poultry	7.5	8.4
Eggs	29.6	22.6
Wild/free foods	3.9	4.1
Rabbits/hares	8.2	2.7
Honey	5.4	10.9
Wild fungi	0.8	0.6
Venison	34.2	31.8

In 2015, compared to 2010, the mean consumption rates for the adult high-rate groups decreased in the following ten food groups: green vegetables; other vegetables; root vegetables; domestic fruit; cattle meat; pig meat; eggs; rabbits/hares; wild fungi; venison. The mean consumption rates for the adult high-rate groups increased in 2015 in the following five food groups: potatoes; sheep meat; poultry; wild/free foods; honey. The consumption of milk was identified in 2010 but not in 2015.

The most significant decreases in the consumption rates were for cattle meat, pig meat and rabbits/hares, while the most significant increases were for sheep meat and honey.

The cessation of the consumption of milk was because the farmer who in 2010 kept a few dairy cattle for milk for his own family's consumption no longer had dairy cattle in 2015. The decrease in the consumption rate of rabbits/hares was reported to be due to a decline in the rabbit population within the survey area and the increase in the consumption rate of honey was attributed to a newly identified beekeeper who consumed more honey than the previously identified beekeepers. No specific reasons were identified for the other changes in consumption rates.

The consumption of groundwater by humans and livestock was identified in both 2010 and 2015.

8.3 Direct radiation survey area

Activities identified in the direct radiation survey area in 2010 and 2015 were similar and included people residing, working and undertaking recreational activities. The main difference was that the number of employees at the on-shore facility for the offshore windfarm had decreased substantially in 2015 since the construction work being carried out in 2010 had been completed.

A comparison between the 2010 and 2015 direct radiation occupancy rates for all age groups combined, by zone, is presented in Table P.

Table P. Comparison between 2010 and 2015 direct radiation occupancy rates for all age groups combined (h y^{-1})		
	2010	**2015**
Within the licensed site area		
Highest indoor	950	950
Highest outdoor	950	950
Highest total	1900	1900
0 - 0.25 km zone		
Highest indoor	8369	7430
Highest outdoor	2080	4380
Highest total	8552	8395
>0.25 - 0.5 km zone		
Highest indoor	6727	8292
Highest outdoor	2208	1554
Highest total	8005	8709
>0.5 - 1.0 km zone		
Highest indoor	7298	7876
Highest outdoor	2325	2192
Highest total	8552	8620

In 2010 and 2015 the highest indoor, outdoor and total occupancy rates within the licensed site area (for people who were not site employees or contractors) were for other people who were working on the site.

In 2010 and 2015 the highest indoor, outdoor and total occupancy rates in all three zones outside the licensed site area were for residents or residents who also worked in the area.

In the Sizewell direct radiation survey area, ten sets of gamma dose measurements taken in 2015 can be compared with those taken at the same properties in 2010. These data are shown in Table Q.

Table Q. Comparison between 2010 and 2015 gamma dose rates (μGy h^{-1})				
	Indoor		Outdoor	
Location	**2010**	**2015**	**2010**	**2015**
Residence 1	0.084	0.077	0.054	0.055
Residence 2	0.078	0.069	0.067	0.049
Residence 3	0.086	0.078	0.053	0.048
Residence 5	0.064	0.068	0.062	0.052
Residence 7	0.078	0.069	0.052	0.064
Residence 10	0.086	0.084	0.061	0.055
Residence 13	0.088	0.091	0.071	0.049
Business 1	0.053	0.052	0.059	0.062
Business 2	0.072	0.067	0.052	0.051
Business 3	Not taken	Not taken	0.067	0.050

Notes
These measurements have not been adjusted for background dose rates.
The locations correspond to those in Table 44.

Most of the gamma dose rates taken in 2015 were lower than those taken at the same properties in 2010.

9 MAIN FINDINGS

The survey investigated three potential sources of public radiation exposure from the Sizewell site, which were:

- Discharges of liquid radioactive waste 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, commercial and hobby fishermen, 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 550 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 2.3. The consumption and occupancy rates in this section are presented to two significant figures.

9.1 Aquatic survey area

The mean consumption rates for the adult high-rate groups (as defined in Section 3.4) for the separate aquatic consumption pathways for foods potentially affected by liquid discharges were:

- 23 kg y^{-1} for fish*
- 10 kg y^{-1} for crustaceans
- 3.2 kg y^{-1} for molluscs
- 9.0 kg y^{-1} for wildfowl
- 0.6 kg y^{-1} for marine plants/algae

(*The actual value for the mean consumption rate for the high-rate group for fish is 23.46 kg y^{-1}, which is 23.5 kg y^{-1} when rounded to one decimal place, as presented in the tables, but is 23 kg y^{-1} when rounded to two significant figures, as presented in the text.)

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

- For fish: cod, bass, Dover sole and thornback ray
- For crustaceans: brown crab and common lobster
- For molluscs: whelks
- For wildfowl: greylag goose, Canada goose, mallard, pink-footed goose and wigeon
- For marine plants/algae: sea beet and samphire

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

- 160 h y^{-1} for mud
- 180 h y^{-1} for salt marsh
- 150 h y^{-1} for sand
- 590 h y^{-1} for sand and stones
- 1300 h y^{-1} for stones
- 840 h y^{-1} for boat on mud

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

- 1100 h y^{-1} for handling fishing gear (nets, pots, lines and oyster dredges)
- 180 h y^{-1} for handling sediment

The maximum adult occupancy rates for water based activities were:

- 400 h y^{-1} for 'in water'
- 2900 h y^{-1} for 'on water'

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

It was reported that one person used small quantities of seaweed as fertiliser around apple trees in their garden.

9.2 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:

- 47 kg y^{-1} for green vegetables
- 42 kg y^{-1} for other vegetables
- 51 kg y^{-1} for root vegetables
- 77 kg y^{-1} for potato
- 37 kg y^{-1} for domestic fruit
- 19 kg y^{-1} for cattle meat
- 19 kg y^{-1} for pig meat
- 7.2 kg y^{-1} for sheep meat
- 8.4 kg y^{-1} for poultry
- 23 kg y^{-1} for eggs
- 4.1 kg y^{-1} for wild/free foods
- 2.7 kg y^{-1} for rabbits/hares
- 11 kg y^{-1} for honey

- 0.6 kg y^{-1} for wild fungi
- 32 kg y^{-1} for venison

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

No consumption of milk from the survey area was identified.

The consumption of groundwater by humans and livestock was identified.

9.3 Direct radiation survey area

The highest indoor, outdoor and total occupancy rates within the licensed area (for a person who was not a Sizewell site employee or contractor) was for a person who was working. The highest indoor and total occupancy rates in the 0 – 0.25 km zone were for different residents and the highest outdoor occupancy rate in this zone was for a resident who was also working in the area. The highest indoor and total occupancy rates in the >0.25 – 0.5 km zone were for the same resident and a different resident had the highest outdoor occupancy rate. The highest indoor, outdoor and total occupancy rates in the >0.5 – 1.0 km zone were for different residents.

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

Within the nuclear licensed site area

- 950 h y^{-1} for the indoor occupancy rate
- 950 h y^{-1} for the outdoor occupancy rate
- 1900 h y^{-1} for the total occupancy rate

0 - 0.25 km zone

- 7400 h y^{-1} for the indoor occupancy rate
- 4400 h y^{-1} for the outdoor occupancy rate
- 8400 h y^{-1} for the total occupancy rate

>0.25 - 0.5 km zone

- 8300 h y^{-1} for the indoor occupancy rate
- 1600 h y^{-1} for the outdoor occupancy rate
- 8700 h y^{-1} for the total occupancy rate

>0.5 – 1.0 km zone

- 7900 h y^{-1} for the indoor occupancy rate
- 2200 h y^{-1} for the outdoor occupancy rate
- 8600 h y^{-1} for the total occupancy rate

10 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 high amounts of time.

In England and Wales, the monitoring programme for radioactivity in food is undertaken by the Food Standards Agency, and the monitoring programme for radioactivity in the environment is conducted by the Environment Agency. The results of these programmes are published annually in the RIFE reports (e.g. EA, FSA, FSS, NRW, NIEA and SEPA, 2015).

In 2013 the Food Standards Agency completed a public consultation to review the way that they monitor radioactivity in food (FSA, 2012 and 2013). The outcome of the consultation was to implement a revised monitoring programme in 2014, with reductions in sampling and analysis of some foods that were considered to represent a very low radiological risk.

10.1 Summary of the monitoring programmes for Sizewell

The 2014 monitoring programmes relevant to the Sizewell area included the samples and measurements listed below. The location names, foods and substrate classifications are taken directly from RIFE. Some of the samples and measurements taken for the monitoring programmes may be from outside the survey areas used for the 2015 Sizewell habits survey.

Aquatic samples

Food and environmental samples

Sample	***Location***
Cod	Sizewell
Skates/rays	Sizewell
Crabs	Sizewell
Mussels	River Alde
Sediment	Rifle Range
Sediment	Aldeburgh
Sediment	Southwold
Seawater	Sizewell

Gamma dose rate measurements over intertidal sediments

Location	*Substrate*
Sizewell Beach	Sand and shingle
Dunwich	Sand and shingle
Dunwich	Shingle
Rifle Range	Sand and shingle
Aldeburgh	Sand and shingle
Southwold Harbour	Mud

Terrestrial samples

Milk
Potatoes
Wheat
Freshwater from: Nature Reserve; The Meare; Leisure Park

10.2 Information from the 2015 Sizewell habits survey for use in the selection of samples and measurements for monitoring programmes

Food Standards Agency monitoring

The following foods were either consumed in the largest quantities in their food groups or were the only food in their food group and could be considered when selecting samples for the Food Standards Agency monitoring programme.

Food	*Food Group*
Cod	Fish
Brown crab	Crustacean
Whelks	Mollusc
Greylag goose	Wildfowl
Sea beet	Marine plants/algae
Cabbage	Green vegetables
Runner bean	Other vegetables
Onion	Root vegetables
Potato	Potato
Strawberry	Domestic fruit
Beef	Cattle meat
Pork	Pig meat
Lamb	Sheep meat
Pheasant	Poultry
Chicken egg	Eggs
Blackberry	Wild/free foods
Rabbit	Rabbits/hares
Honey	Honey
Mushroom	Wild fungi
Venison	Venison

Environment Agency monitoring

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

11 ACKNOWLEDGEMENTS

Gratitude is expressed to representatives of Magnox Ltd, EDF Energy Nuclear Generation Ltd, local authorities and associations, and members of the public who offered helpful advice and information during the survey. This survey was undertaken on behalf of the Environment Agency, the Food Standards Agency and the Office for Nuclear Regulation. The project officers for these organisations provided considerable help during the planning of the survey and the drafting of the report.

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Table 1. 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 resident in the terrestrial survey area (excluding those resident in the direct radiation survey area) (See **(B) TERRESTRIAL PATHWAYS**)	7700[a]	157[b]	2%	The survey targeted individuals who were potentially the most exposed, mostly producers of local foods such as farmers and allotment holders.
	Number of people resident in the direct radiation survey area (See **(C) DIRECT RADIATION PATHWAYS**)	54	36[b]	66%	Interviews were conducted at 18 residences out of a possible 27 occupied residences.
	Number of people working, visiting and undertaking recreational activities in the direct radiation survey area (See **(C) DIRECT RADIATION PATHWAYS**)	U	72[b]	U	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 effected by liquid discharges (excluding those assigned to other categories above) (See **(A) AQUATIC PATHWAYS**)	U	285[b]	U	Excluding 26 people who also had occupancy in the direct radiation survey area and have been assigned to the direct radiation category above. Where generalised data for groups of people were obtained, for example members of sailing clubs, only a limited number of representative individuals have been included.
	Total for aquatic, terrestrial and direct radiation survey areas	U	550[b]	U	
(A) AQUATIC PATHWAYS					
Commercial and hobby fishermen	Number of commercial and hobby fishermen fishing in the aquatic survey area	U	30	U	
People undertaking activities in or on water (*e.g.* swimmers, surfers, boat anglers, commercial and hobby fishermen etc.)	Number of people undertaking activities in or on water in the aquatic survey area	U	166	U	Where generalised data for groups of people were obtained, for example members of sailing clubs, only a limited number of representative individuals have been included.
People using the shore (e.g. dog walkers, shore anglers, people playing, etc.)	Number of people undertaking intertidal activities in the aquatic survey area	U	195	U	
Fish consumers	Number of people consuming fish from the aquatic survey area	U	148	U	
Crustacean consumers	Number of people consuming crustaceans from the aquatic survey area	U	45	U	
Mollusc consumers	Number of people consuming molluscs from the aquatic survey area	U	6	U	

Table 1. Survey coverage

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 and market gardeners and their family members consuming food from the terrestrial survey area	U	13	U	
Allotment holders	Number allotment holders and and their family members consuming food from the terrestrial survey area	U	141	U	
Honey consumers	Number of people consuming honey produced in the survey area	U	10	U	Two beekeepers who kept hives in the survey area were interviewed.
(C) DIRECT RADIATION PATHWAYS					
Residents	Number of residents in the survey area	54	36	66%	Interviews were conducted at 18 residences out of a possible 27 occupied residences.
Employees	Number of people working in the survey area	U	29	U	Excluding people who were living in the direct radiation survey area and 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.
Visitors (people undertaking recreational activities or visiting relatives)	Number of people visiting the survey area	U	43	U	
BREAKDOWN OF AGE GROUPS FOR PEOPLE RESIDENT IN THE 5 km TERRESTRIAL SURVEY AREA					
Adult	16-year-old and over	6400[a]	491	8%	
Child	6-year-old to 15-year-old	850[a]	43	5%	
Infant	0 to 5-year-old	450[a]	16	4%	

Notes

[a] Estimate of the number of people resident 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 two or more times, for example someone who goes shore angling and consumes the catch.

U - Unknown

Table 2. Typical food groups used in habits surveys

Food group	Examples of foods within the group
Green vegetables	Asparagus, broccoli, Brussels sprout, cabbage, calabrese, cauliflower, chard, courgette, cucumber, gherkin, globe artichoke, herbs, kale, leaf beet, lettuce, marrow, spinach
Other vegetables	Aubergine, broad bean, chilli pepper, French bean, kohl rabi, 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, whitecurrant
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
Rabbits/Hares	Hare, rabbit
Venison[a]	Venison
Fish (sea)	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.

Table 3. Adults' consumption rates of fish from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Bass	Brill	Cod	Dab	Dogfish	Dover sole	Flounder	Herring	Lemon sole	Plaice	Red gurnard	Sprat	Thornback ray	Whiting	Total
320/1/1	9.1	-	9.1	2.7	-	9.1	-	-	2.7	2.7	-	-	9.1	2.7	47.2
606/1/1	21.8	-	21.8	-	-	-	-	-	-	-	-	-	-	-	43.5
636/1/1	-	-	27.2	-	13.6	-	-	-	-	-	-	-	-	-	40.8
636/2/1	-	-	27.2	-	13.6	-	-	-	-	-	-	-	-	-	40.8
288/4/1	6.4	-	29.9	-	-	-	-	-	-	-	-	-	-	-	36.3
288/5/1	6.4	-	29.9	-	-	-	-	-	-	-	-	-	-	-	36.3
311/1/1	8.8	-	8.8	-	-	8.8	-	-	-	-	-	-	8.8	-	35.4
249/1/1	-	-	29.6	-	-	-	-	-	-	-	-	-	-	-	29.6
249/4/1	-	-	29.6	-	-	-	-	-	-	-	-	-	-	-	29.6
280/1/1	-	-	22.1	4.4	-	-	-	-	-	-	-	-	-	-	26.5
280/2/1	-	-	22.1	4.4	-	-	-	-	-	-	-	-	-	-	26.5
297/1/1	-	-	3.2	-	-	18.1	-	2.3	-	-	-	-	-	-	23.6
320/2/1	4.5	-	4.5	1.4	-	4.5	-	-	1.4	1.4	-	-	4.5	1.4	23.6
323/1/1	6.6	-	6.6	-	-	-	-	-	-	-	-	-	0.9	6.6	20.6
323/3/1	6.6	-	6.6	-	-	-	-	-	-	-	-	-	0.9	6.6	20.6
288/1/1	3.2	-	15.0	-	-	-	-	-	-	-	-	-	-	-	18.2
288/2/1	3.2	-	15.0	-	-	-	-	-	-	-	-	-	-	-	18.2
288/3/1	3.2	-	15.0	-	-	-	-	-	-	-	-	-	-	-	18.2
256/1/1	6.1	-	6.1	-	-	-	-	-	-	-	-	-	5.4	-	17.7
256/2/1	6.1	-	6.1	-	-	-	-	-	-	-	-	-	5.4	-	17.7
256/3/1	6.1	-	6.1	-	-	-	-	-	-	-	-	-	5.4	-	17.7
256/4/1	6.1	-	6.1	-	-	-	-	-	-	-	-	-	5.4	-	17.7
256/6/1	6.1	-	6.1	-	-	-	-	-	-	-	-	-	5.4	-	17.7
256/7/1	6.1	-	6.1	-	-	-	-	-	-	-	-	-	5.4	-	17.7
265/1/1	-	-	4.4	1.0	-	4.4	0.7	0.7	-	-	0.7	0.7	4.4	0.7	17.7
265/2/1	-	-	4.4	1.0	-	4.4	0.7	0.7	-	-	0.7	0.7	4.4	0.7	17.7
266/1/1	8.8	-	8.8	-	-	-	-	-	-	-	-	-	-	-	17.7
266/4/1	8.8	-	8.8	-	-	-	-	-	-	-	-	-	-	-	17.7
284/1/1	4.4	-	4.4	-	-	4.4	-	-	-	-	-	-	4.4	-	17.7
284/2/1	4.4	-	4.4	-	-	4.4	-	-	-	-	-	-	4.4	-	17.7

Table 3. Adults' consumption rates of fish from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Bass	Brill	Cod	Dab	Dogfish	Dover sole	Flounder	Herring	Lemon sole	Plaice	Red gurnard	Sprat	Thornback ray	Whiting	Total
284/3/1	**4.4**	**-**	**4.4**	**-**	**-**	**4.4**	**-**	**-**	**-**	**-**	**-**	**-**	**4.4**	**-**	**17.7**
284/4/1	**4.4**	**-**	**4.4**	**-**	**-**	**4.4**	**-**	**-**	**-**	**-**	**-**	**-**	**4.4**	**-**	**17.7**
323/2/1	**5.6**	**-**	**5.6**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.9**	**5.6**	**17.7**
618/1/1	**-**	**-**	**10.2**	**3.4**	**-**	**-**	**3.4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**17.0**
618/4/1	**-**	**-**	**10.2**	**3.4**	**-**	**-**	**3.4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**17.0**
274/1/1	**4.0**	**-**	**12.6**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16.6**
274/2/1	**4.0**	**-**	**12.6**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16.6**
249/2/1	-	-	14.8	-	-	-	-	-	-	-	-	-	-	-	14.8
249/3/1	-	-	14.8	-	-	-	-	-	-	-	-	-	-	-	14.8
249/5/1	-	-	14.8	-	-	-	-	-	-	-	-	-	-	-	14.8
249/6/1	-	-	14.8	-	-	-	-	-	-	-	-	-	-	-	14.8
249/7/1	-	-	14.8	-	-	-	-	-	-	-	-	-	-	-	14.8
251/1/1	5.7	-	7.1	-	-	2.0	-	-	-	-	-	-	-	-	14.7
251/2/1	5.7	-	7.1	-	-	2.0	-	-	-	-	-	-	-	-	14.7
251/3/1	5.7	-	7.1	-	-	2.0	-	-	-	-	-	-	-	-	14.7
251/4/1	5.7	-	7.1	-	-	2.0	-	-	-	-	-	-	-	-	14.7
405/1/1	-	-	-	-	-	-	-	13.6	-	-	-	0.9	-	-	14.5
253/1/1	6.8	-	6.8	-	-	-	-	-	-	-	-	-	-	-	13.6
253/2/1	6.8	-	6.8	-	-	-	-	-	-	-	-	-	-	-	13.6
562/1/1	3.0	-	3.0	-	-	3.0	-	-	-	-	-	-	3.0	-	11.9
562/4/1	3.0	-	3.0	-	-	3.0	-	-	-	-	-	-	3.0	-	11.9
562/5/1	3.0	-	3.0	-	-	3.0	-	-	-	-	-	-	3.0	-	11.9
252/1/1	4.1	-	4.1	1.0	-	-	-	-	-	-	-	-	-	1.0	10.2
252/2/1	4.1	-	4.1	1.0	-	-	-	-	-	-	-	-	-	1.0	10.2
252/3/1	4.1	-	4.1	1.0	-	-	-	-	-	-	-	-	-	1.0	10.2
252/4/1	4.1	-	4.1	1.0	-	-	-	-	-	-	-	-	-	1.0	10.2
265/3/1	-	-	2.2	0.5	-	2.2	0.3	0.3	-	-	0.3	0.3	2.2	0.3	8.8
551/1/1	1.0	-	3.4	-	-	3.4	-	-	-	-	-	-	1.0	-	8.8
551/2/1	1.0	-	3.4	-	-	3.4	-	-	-	-	-	-	1.0	-	8.8
551/3/1	1.0	-	3.4	-	-	3.4	-	-	-	-	-	-	1.0	-	8.8

Table 3. Adults' consumption rates of fish from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Bass	Brill	Cod	Dab	Dogfish	Dover sole	Flounder	Herring	Lemon sole	Plaice	Red gurnard	Sprat	Thornback ray	Whiting	Total
551/4/1	1.0	-	3.4	-	-	3.4	-	-	-	-	-	-	1.0	-	8.8
279/1/1	3.4	-	5.1	-	-	-	-	-	-	-	-	-	-	-	8.5
279/2/1	3.4	-	5.1	-	-	-	-	-	-	-	-	-	-	-	8.5
638/1/1	-	-	7.9	-	-	-	-	-	-	-	-	-	-	-	7.9
638/2/1	-	-	7.9	-	-	-	-	-	-	-	-	-	-	-	7.9
609/1/1	2.6	-	2.6	-	-	-	-	-	-	-	-	-	2.6	-	7.8
396/1/1	2.6	-	3.6	-	-	-	-	-	-	-	-	0.2	-	1.0	7.4
396/2/1	2.6	-	3.6	-	-	-	-	-	-	-	-	0.2	-	1.0	7.4
251/6/1	2.8	-	3.7	-	-	0.9	-	-	-	-	-	-	-	-	7.4
251/7/1	2.8	-	3.7	-	-	0.9	-	-	-	-	-	-	-	-	7.4
251/8/1	2.8	-	3.7	-	-	0.9	-	-	-	-	-	-	-	-	7.4
268/1/1	2.3	0.6	2.3	0.6	-	0.6	-	-	-	-	-	-	0.6	0.6	7.4
268/2/1	2.3	0.6	2.3	0.6	-	0.6	-	-	-	-	-	-	0.6	0.6	7.4
268/3/1	2.3	0.6	2.3	0.6	-	0.6	-	-	-	-	-	-	0.6	0.6	7.4
268/4/1	2.3	0.6	2.3	0.6	-	0.6	-	-	-	-	-	-	0.6	0.6	7.4
268/6/1	2.3	0.6	2.3	0.6	-	0.6	-	-	-	-	-	-	0.6	0.6	7.4
257/1/1	2.0	-	2.0	1.4	-	0.6	0.6	-	-	-	-	-	-	0.6	7.1
257/2/1	2.0	-	2.0	1.4	-	0.6	0.6	-	-	-	-	-	-	0.6	7.1
392/1/1	-	-	6.8	-	-	-	-	-	-	-	-	-	-	-	6.8
392/2/1	-	-	6.8	-	-	-	-	-	-	-	-	-	-	-	6.8
605/1/1	-	-	2.3	-	-	-	-	4.0	-	-	-	-	-	-	6.3
614/1/1	-	-	-	-	3.5	-	2.7	-	-	-	-	-	-	-	6.2
403/1/1	-	-	-	-	-	5.7	-	-	-	-	-	-	-	-	5.7
403/2/1	-	-	-	-	-	5.7	-	-	-	-	-	-	-	-	5.7
327/1/1	2.0	-	2.0	0.7	-	-	-	-	-	-	-	-	-	0.7	5.4
327/2/1	2.0	-	2.0	0.7	-	-	-	-	-	-	-	-	-	0.7	5.4
456/1/1	-	-	3.6	-	-	-	-	-	-	1.8	-	-	-	-	5.4
456/2/1	-	-	3.6	-	-	-	-	-	-	1.8	-	-	-	-	5.4
612/1/1	-	-	-	-	-	-	2.9	2.3	-	-	-	-	-	-	5.2
612/2/1	-	-	-	-	-	-	2.9	2.3	-	-	-	-	-	-	5.2

Table 3. Adults' consumption rates of fish from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Bass	Brill	Cod	Dab	Dogfish	Dover sole	Flounder	Herring	Lemon sole	Plaice	Red gurnard	Sprat	Thornback ray	Whiting	Total
438/1/1	-	-	1.7	-	-	1.7	-	-	-	1.7	-	-	-	-	5.2
438/2/1	-	-	1.7	-	-	1.7	-	-	-	1.7	-	-	-	-	5.2
331/1/1	2.7	-	-	-	-	2.3	-	-	-	-	-	-	-	-	5.0
331/2/1	2.7	-	-	-	-	2.3	-	-	-	-	-	-	-	-	5.0
331/3/1	2.7	-	-	-	-	2.3	-	-	-	-	-	-	-	-	5.0
331/4/1	2.7	-	-	-	-	2.3	-	-	-	-	-	-	-	-	5.0
400/1/1	-	-	1.8	0.5	-	0.8	-	-	-	-	-	-	-	-	3.1
400/2/1	-	-	1.8	0.5	-	0.8	-	-	-	-	-	-	-	-	3.1
400/3/1	-	-	1.8	0.5	-	0.8	-	-	-	-	-	-	-	-	3.1
400/4/1	-	-	1.8	0.5	-	0.8	-	-	-	-	-	-	-	-	3.1
367/1/1	0.7	-	1.0	0.7	-	-	-	-	-	-	-	-	-	0.7	3.1
367/2/1	0.7	-	1.0	0.7	-	-	-	-	-	-	-	-	-	0.7	3.1
367/3/1	0.7	-	1.0	0.7	-	-	-	-	-	-	-	-	-	0.7	3.1
367/4/1	0.7	-	1.0	0.7	-	-	-	-	-	-	-	-	-	0.7	3.1
399/1/1	-	-	3.0	-	-	-	-	-	-	-	-	-	-	-	3.0
455/1/1	0.6	-	1.7	-	0.6	-	-	-	-	-	-	-	-	-	2.9
455/2/1	0.6	-	1.7	-	0.6	-	-	-	-	-	-	-	-	-	2.9
637/1/1	1.3	-	1.5	-	-	-	-	-	-	-	-	-	-	-	2.8
637/2/1	1.3	-	1.5	-	-	-	-	-	-	-	-	-	-	-	2.8
637/4/1	1.3	-	1.5	-	-	-	-	-	-	-	-	-	-	-	2.8
624/1/1	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	2.7
624/2/1	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	2.7
614/2/1	-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	2.7
258/2/1	0.9	-	0.9	0.5	-	-	-	-	-	-	-	-	-	-	2.3
393/1/1	-	-	2.3	-	-	-	-	-	-	-	-	-	-	-	2.3
393/2/1	-	-	2.3	-	-	-	-	-	-	-	-	-	-	-	2.3
605/2/1	-	-	2.3	-	-	-	-	-	-	-	-	-	-	-	2.3
448/1/1	1.1	-	-	-	-	1.1	-	-	-	-	-	-	-	-	2.3
448/2/1	1.1	-	-	-	-	1.1	-	-	-	-	-	-	-	-	2.3
448/3/1	1.1	-	-	-	-	1.1	-	-	-	-	-	-	-	-	2.3

Table 3. Adults' consumption rates of fish from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Bass	Brill	Cod	Dab	Dogfish	Dover sole	Flounder	Herring	Lemon sole	Plaice	Red gurnard	Sprat	Thornback ray	Whiting	Total
448/4/1	1.1	-	-	-	-	1.1	-	-	-	-	-	-	-	-	2.3
448/5/1	1.1	-	-	-	-	1.1	-	-	-	-	-	-	-	-	2.3
318/1/1	-	-	1.0	-	-	1.0	-	-	-	-	-	-	-	-	2.0
318/2/1	-	-	1.0	-	-	1.0	-	-	-	-	-	-	-	-	2.0
603/2/1	-	-	1.7	-	-	-	-	-	-	-	-	-	-	-	1.7
603/3/1	-	-	1.7	-	-	-	-	-	-	-	-	-	-	-	1.7
399/2/1	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	1.5
399/3/1	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	1.5
430/1/1	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	1.4
430/2/1	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	1.4
430/3/1	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	1.4
264/1/1	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1
264/2/1	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1
264/3/1	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1
264/4/1	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1
264/5/1	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1
264/6/1	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	1.1

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of fish for adults based on the 37 high-rate consumers is 23.5 kg y^{-1}

The observed 97.5th percentile rate based on 137 observations is 39 kg y^{-1}

Table 4. Adults' consumption rates of crustaceans from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Brown crab	Brown shrimp	Common lobster	Total
266/1/1	**15.5**	**-**	**-**	**15.5**
318/1/1	**4.3**	**-**	**7.7**	**12.1**
318/2/1	**4.3**	**-**	**7.7**	**12.1**
399/1/1	**2.4**	**-**	**3.9**	**6.3**
320/1/1	**5.4**	**-**	**0.6**	**6.1**
403/1/1	3.0	-	2.2	5.2
403/2/1	3.0	-	2.2	5.2
448/1/1	1.2	-	2.2	3.4
448/2/1	1.2	-	2.2	3.4
399/2/1	1.2	-	1.9	3.1
399/3/1	1.2	-	1.9	3.1
430/1/1	1.4	-	1.3	2.7
609/1/1	2.2	-	-	2.2
297/1/1	2.0	-	-	2.0
268/1/1	1.7	-	-	1.7
268/2/1	1.7	-	-	1.7
268/3/1	1.7	-	-	1.7
268/4/1	1.7	-	-	1.7
268/6/1	1.7	-	-	1.7
311/1/1	1.4	-	-	1.4
562/1/1	-	-	1.3	1.3
562/4/1	-	-	1.3	1.3
562/5/1	-	-	1.3	1.3
603/2/1	1.2	-	-	1.2
603/3/1	1.2	-	-	1.2
624/1/1	1.2	-	-	1.2
455/1/1	-	-	0.7	0.7
455/2/1	-	-	0.7	0.7
456/1/1	0.2	-	0.4	0.7
456/2/1	0.2	-	0.4	0.7

Table 4. Adults' consumption rates of crustaceans from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Brown crab	Brown shrimp	Common lobster	Total
265/1/1	-	0.3	0.2	0.6
265/2/1	-	0.3	0.2	0.6
264/1/1	-	0.4	-	0.4
264/2/1	-	0.4	-	0.4
264/3/1	-	0.4	-	0.4
264/4/1	-	0.4	-	0.4
264/5/1	-	0.4	-	0.4
264/6/1	-	0.4	-	0.4
450/1/1	0.4	-	-	0.4
450/2/1	0.4	-	-	0.4
618/1/1	0.2	-	-	0.2

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of crustaceans for adults based on the 5 high-rate consumers is 10.4 kg y^{-1}

The observed 97.5th percentile rate based on 41 observations is 12.1 kg y^{-1}

Table 5. Adults' consumption rates of molluscs from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Mussel	Pacific oyster	Whelk	Total
618/1/1	**-**	**-**	**3.2**	**3.2**
562/1/1	-	0.4	-	0.4
562/4/1	-	0.4	-	0.4
324/1/1	0.2	-	-	0.2
324/2/1	0.2	-	-	0.2

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of molluscs for adults based on the 1 high-rate consumer is 3.2 kg y^{-1}

The observed 97.5th percentile rate based on 5 observations is 2.9 kg y^{-1}

Table 6. Adults' consumption rates of wildfowl from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Canada goose	Greylag goose	Mallard	Pink-footed goose	Pintail	Teal	Wigeon	Total
612/1/1	**3.5**	**5.5**	**1.3**	**-**	**-**	**0.6**	**1.2**	**12.1**
612/2/1	**3.5**	**5.5**	**1.3**	**-**	**-**	**0.6**	**1.2**	**12.1**
471/1/1	**-**	**2.2**	**-**	**1.7**	**1.0**	**-**	**1.0**	**5.8**
471/2/1	**-**	**2.2**	**-**	**1.7**	**1.0**	**-**	**1.0**	**5.8**
603/2/1	-	-	1.5	-	-	0.8	-	2.3
603/3/1	-	-	1.5	-	-	0.8	-	2.3
470/1/1	-	-	1.8	-	-	-	-	1.8
470/2/1	-	-	1.8	-	-	-	-	1.8
470/3/1	-	-	1.8	-	-	-	-	1.8
470/4/1	-	-	1.8	-	-	-	-	1.8
430/1/1	0.2	-	1.0	-	-	0.4	-	1.6
430/2/1	0.2	-	1.0	-	-	0.4	-	1.6
430/3/1	0.2	-	1.0	-	-	0.4	-	1.6
603/1/1	-	-	1.5	-	-	-	-	1.5
551/1/1	-	-	0.9	-	-	-	-	0.9
551/2/1	-	-	0.9	-	-	-	-	0.9
551/3/1	-	-	0.9	-	-	-	-	0.9
551/4/1	-	-	0.9	-	-	-	-	0.9
639/1/1	-	-	0.4	-	-	-	-	0.4

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of wildfowl for adults based on the 4 high-rate consumers is 9 kg y^{-1}

The observed 97.5th percentile rate based on 19 observations is 12.1 kg y^{-1}

Table 7. Adults' consumption rates of marine plants/algae from the Sizewell aquatic survey area (kg y^{-1})

Person ID number	Samphire	Sea beet	Total
324/1/1	**0.2**	**0.3**	**0.6**
324/2/1	**0.2**	**0.3**	**0.6**
321/1/1	0.1	-	0.1

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of marine plants/algae for adults based on the 2 high-rate consumers is 0.6 kg y^{-1}

The observed 97.5th percentile rate based on 3 observations is 0.6 kg y^{-1}

Table 8. Children's and infants' consumption rates of fish from the Sizewell aquatic survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Bass	Brill	Cod	Dab	Dogfish	Dover sole	Flounder	Thornback ray	Whiting	Total
256/5/1	**12**	**6.1**	**-**	**6.1**	**-**	**-**	**-**	**-**	**5.4**	**-**	**17.7**
618/3/1	**10**	**-**	**-**	**10.2**	**3.4**	**-**	**-**	**3.4**	**-**	**-**	**17.0**
618/5/1	**15**	**-**	**-**	**10.2**	**3.4**	**-**	**-**	**3.4**	**-**	**-**	**17.0**
274/3/1	**15**	**4.0**	**-**	**12.6**	**-**	**-**	**-**	**-**	**-**	**-**	**16.6**
274/4/1	**13**	**4.0**	**-**	**12.6**	**-**	**-**	**-**	**-**	**-**	**-**	**16.6**
274/5/1	**8**	**3.0**	**-**	**9.5**	**-**	**-**	**-**	**-**	**-**	**-**	**12.5**
268/5/1	**15**	**2.3**	**0.6**	**2.3**	**0.6**	**-**	**0.6**	**-**	**0.6**	**0.6**	**7.4**
268/7/1	**12**	**2.3**	**0.6**	**2.3**	**0.6**	**-**	**0.6**	**-**	**0.6**	**0.6**	**7.4**
400/5/1	15	-	-	1.8	0.5	-	0.8	-	-	-	3.1
455/5/1	12	0.6	-	1.7	-	0.6	-	-	-	-	2.9

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of fish for the child age group based on the 8 high-rate consumers is 14 kg y^{-1}

The observed 97.5th percentile rate based on 10 observations is 17.5 kg y^{-1}

Infant age group (0 - 5 years old)

Person ID number	Age	Bass	Brill	Cod	Dab	Dogfish	Dover sole	Flounder	Thornback ray	Whiting	Total
251/5/1	**3**	**2.8**	**-**	**3.5**	**-**	**-**	**1.0**	**-**	**-**	**-**	**7.4**

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of fish for the infant age group based on the 1 high-rate consumer is 7.4 kg y^{-1}

The observed 97.5th percentile is not applicable for 1 observation

Table 9. Children's and infants' consumption rates of crustaceans from the Sizewell aquatic survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Brown crab	Common lobster	Total
268/5/1	**15**	**1.7**	**-**	**1.7**
268/7/1	**12**	**1.7**	**-**	**1.7**
455/5/1	**12**	**-**	**0.7**	**0.7**
618/3/1	10	0.2	-	0.2

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of crustaceans for the child age group based on the 3 high-rate consumers is 1.4 kg y^{-1}

The observed 97.5th percentile rate based on 4 observations is 1.7 kg y^{-1}

Infant age group (0 - 5 years old)

No consumption data obtained for this food group.

Table 10. Children's and infants' consumption rates of molluscs from the Sizewell aquatic survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Whelk
618/3/1	**10**	**0.8**

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of molluscs for the child age group based on the 1 high-rate consumer is 0.8 kg y^{-1}

The observed 97.5th percentile is not applicable for 1 observation

Infant age group (0 - 5 years old)

No consumption data obtained for this food group.

Table 11. 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	Boat on mud
547/1/1	**River Alde at Slaughden**	**Fixing moorings**	**169**	-	-	-	-	-
547/1/2	**River Alde at Slaughden**	**Fixing moorings**	**169**	-	-	-	-	-
547/1/3	**River Alde at Slaughden**	**Fixing moorings**	**169**	-	-	-	-	-
552/3/1	**River Alde at Slaughden**	**Fixing moorings**	**152**	-	-	-	-	-
552/3/2	**River Alde at Slaughden**	**Fixing moorings**	**152**	-	-	-	-	-
286/1/1	River Blyth	Rescue duties	3	-	-	-	-	-
286/2/1	River Blyth	Rescue duties	3	-	-	-	-	-
286/3/1	River Blyth	Rescue duties	3	-	-	-	-	-
288/4/1	**River Blyth**	**Angling**	-	**240**	-	-	-	-
	Southwold and Dunwich	**Angling**	-	-	-	**720**	-	-
288/5/1	**River Blyth**	**Angling**	-	**240**	-	-	-	-
	Southwold and Dunwich	**Angling**	-	-	-	**720**	-	-
324/1/1	**River Alde at Slaughden**	**Dog walking and playing**	-	**212**	-	-	-	-
	River Alde	**Collecting marine plants**	-		-	-	-	-
	River Alde at Slaughden	Playing	-	-	-	26	-	-
	Slaughden	Dog walking	-	-	-	-	183	-
288/1/1	**River Blyth**	**Angling**	-	**120**	-	-	-	-
	Southwold and Dunwich	**Angling**	-	-	-	**360**	-	-
288/2/1	**River Blyth**	**Angling**	-	**120**	-	-	-	-
	Southwold and Dunwich	**Angling**	-	-	-	**360**	-	-
288/3/1	**River Blyth**	**Angling**	-	**120**	-	-	-	-
	Southwold and Dunwich	**Angling**	-	-	-	**360**	-	-
471/1/1	River Alde	Wildfowling	-	35	-	-	-	-
471/3/1	River Alde	Wildfowling	-	35	-	-	-	-
471/3/2	River Alde	Wildfowling	-	35	-	-	-	-
471/3/3	River Alde	Wildfowling	-	35	-	-	-	-
471/3/4	River Alde	Wildfowling	-	35	-	-	-	-
471/3/5	River Alde	Wildfowling	-	35	-	-	-	-
262/1/1	Walberswick	Crabbing	-	18	-	-	-	-
262/2/1	Walberswick	Crabbing	-	18	-	-	-	-
263/1/1	Walberswick	Crabbing	-	12	-	-	-	-
263/2/1	Walberswick	Crabbing	-	12	-	-	-	-
321/1/1	Orford Ness	Nature warden duties and collecting marine plants	-	12	-	-	-	-
	Orford Ness	Nature warden duties	-	-	-	-	209	-
321/2/1	Orford Ness	Nature warden duties	-	12	-	-	209	-

Table 11. 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	Boat on mud
260/1/1	Walberswick	Crabbing	-	6	-	-	-	-
	Walberswick	Playing	-	-	20	-	-	-
551/1/1	River Alde	Wildfowling	-	5	-	-	-	-
	Sizewell	**Dog walking, attending to boat and fishing gear**	-	-	-	**834**	-	-
259/1/1	**Southwold and Walberswick**	**Sitting on the beach**	-	-	**248**	-	-	-
254/1/1	**Walberswick**	**Dog walking**	-	-	**117**	-	-	-
254/2/1	**Walberswick**	**Dog walking**	-	-	**117**	-	-	-
267/1/1	**Southwold and Walberswick**	**Water sports preperation**	-	-	**100**	-	-	-
255/1/1	Walberswick	Dog walking	-	-	78	-	-	-
255/2/1	Walberswick	Dog walking	-	-	78	-	-	-
604/1/1	Southwold and Walberswick	Dog walking	-	-	78	-	-	-
	Sizewell	Dog walking	-	-	-	183	-	-
	Aldeburgh and Thorpeness	Walking	-	-	-	-	8	-
267/3/1	Southwold and Walberswick	Water sports preperation	-	-	75	-	-	-
267/2/1	Southwold and Walberswick	Water sports preperation	-	-	50	-	-	-
604/2/1	Walberswick	Dog walking	-	-	26	-	-	-
	Aldeburgh and Thorpeness	Walking	-	-	-	-	8	-
604/3/1	Walberswick	Dog walking	-	-	26	-	-	-
	Aldeburgh and Thorpeness	Walking	-	-	-	-	8	-
604/4/1	Walberswick	Dog walking	-	-	26	-	-	-
	Aldeburgh and Thorpeness	Walking	-	-	-	-	8	-
270/1/1	Southwold	Water sports preperation	-	-	22	-	-	-
270/2/1	Southwold	Water sports preperation	-	-	22	-	-	-
270/3/1	Southwold	Water sports preperation	-	-	22	-	-	-
270/4/1	Southwold	Water sports preperation	-	-	22	-	-	-
270/5/1	Southwold	Water sports preperation	-	-	22	-	-	-
270/6/1	Southwold	Water sports preperation	-	-	22	-	-	-
280/1/1	**Dunwich, Sizewell and Thorpeness**	**Angling**	-	-	-	**1017**	-	-
257/1/1	**Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness, Aldeburgh and Slaughden**	**Angling**	-	-	-	**939**	-	-
258/1/1	**Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness, Aldeburgh and Slaughden**	**Angling**	-	-	-	**730**	-	-
274/1/1	**Southwold, Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness, Aldeburgh and Slaughden**	**Angling**	-	-	-	**678**	-	-
279/1/1	**Dunwich**	**Angling**	-	-	-	**626**	-	-
297/1/1	**Sizewell**	**Dog walking**	-	-	-	**548**	-	-
551/5/1	**Sizewell**	**Attending to boat and fishing gear**	-	-	-	**469**	-	-

Table 11. 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	Boat on mud
551/2/1	**Sizewell**	**Dog walking**	-	-	-	**365**	-	-
551/3/1	**Sizewell**	**Dog walking**	-	-	-	**365**	-	-
551/4/1	**Sizewell**	**Jogging**	-	-	-	**365**	-	-
279/2/1	Dunwich	Sitting on the beach	-	-	-	313	-	-
251/1/1	Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness and Slaughden	Angling	-	-	-	288	-	-
251/6/1	Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness and Slaughden	Angling	-	-	-	288	-	-
627/1/1	Dunwich Heath, Sizewell and Thorpeness	Dog walking	-	-	-	280	-	-
627/2/1	Dunwich Heath, Sizewell and Thorpeness	Dog walking	-	-	-	280	-	-
253/1/1	Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness and Slaughden	Angling	-	-	-	240	-	-
311/1/1	Sizewell	Dog walking	-	-	-	209	-	-
366/1/1	Southwold	Dog walking	-	-	-	183	-	-
448/1/1	Sizewell	Walking	-	-	-	182	-	-
448/3/1	Sizewell	Walking	-	-	-	182	-	-
448/4/1	Sizewell	Walking	-	-	-	182	-	-
448/5/1	Sizewell	Walking	-	-	-	182	-	-
252/1/1	Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness and Slaughden	Angling	-	-	-	180	-	-
271/1/1	Dunwich and Southwold	Angling	-	-	-	156	-	-
271/2/1	Dunwich and Southwold	Angling	-	-	-	156	-	-
368/1/1	Sizewell	Dog walking	-	-	-	134	-	-
293/3/1	Sizewell	Playing	-	-	-	120	-	-
372/1/1	Sizewell	Dog walking	-	-	-	104	-	-
450/1/1	Walberswick, Sizewell and Aldeburgh	Dog walking	-	-	-	104	-	-
450/2/1	Walberswick, Sizewell and Aldeburgh	Dog walking	-	-	-	104	-	-
455/2/1	Sizewell and Aldeburgh	Angling	-	-	-	99	-	-
	Sizewell	Walking	-	-	-		-	-
365/1/1	Sizewell	Dog walking	-	-	-	91	-	-
376/1/1	Sizewell	Dog walking	-	-	-	84	-	-
248/1/1	Southwold	Playing	-	-	-	80	-	-
272/1/1	Dunwich	Dog walking	-	-	-	78	-	-
371/1/1	Sizewell	Dog walking	-	-	-	78	-	-
455/1/1	Sizewell	Walking	-	-	-	78	-	-
455/3/1	Sizewell	Walking	-	-	-	78	-	-
455/4/1	Sizewell	Walking	-	-	-	78	-	-

Table 11. 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	Boat on mud
331/1/1	Sizewell and Slaughden	Angling	-	-	-	72	-	-
331/2/1	Sizewell and Slaughden	Angling	-	-	-	72	-	-
331/3/1	Sizewell and Slaughden	Angling	-	-	-	72	-	-
331/4/1	Sizewell and Slaughden	Angling	-	-	-	72	-	-
367/1/1	Dunwich, Sizewell and Slaughden	Angling	-	-	-	72	-	-
367/2/1	Dunwich, Sizewell and Slaughden	Angling	-	-	-	72	-	-
430/1/1	Sizewell and Thorpeness	Dog walking	-	-	-	65	-	-
369/1/1	Sizewell	Dog walking	-	-	-	61	-	-
293/1/1	Sizewell	Walking and playing	-	-	-	58	-	-
370/1/1	Sizewell	Walking	-	-	-	52	-	-
370/2/1	Sizewell	Walking	-	-	-	52	-	-
332/1/1	Southwold and Slaughden	Angling	-	-	-	30	-	-
332/2/1	Southwold and Slaughden	Angling	-	-	-	30	-	-
402/1/1	Sizewell	Dog walking	-	-	-	30	-	-
402/2/1	Sizewell	Dog walking	-	-	-	30	-	-
302/1/1	Sizewell	Horse riding	-	-	-	26	-	-
522/1/1	Sizewell	Walking	-	-	-	26	-	-
617/1/1	Sizewell	Walking	-	-	-	24	-	-
617/2/1	Sizewell	Walking	-	-	-	24	-	-
399/1/1	Sizewell	Attending to boat and fishing gear	-	-	-	22	-	-
399/2/1	Sizewell	Attending to boat and fishing gear	-	-	-	22	-	-
400/1/1	Sizewell	Attending to boat and fishing gear	-	-	-	15	-	-
	Sizewell and Thorpeness	Dog walking	-	-	-		-	-
401/1/1	Dunwich Heath	Dog walking	-	-	-	10	-	-
	Aldeburgh	Dog walking	-	-	-	-	10	-
401/2/1	Dunwich Heath	Dog walking	-	-	-	10	-	-
	Aldeburgh	Dog walking	-	-	-	-	10	-
400/2/1	Sizewell and Thorpeness	Dog walking	-	-	-	10	-	-
615/1/1	Dunwich Heath	Dog walking	-	-	-	6	-	-
615/2/1	Dunwich Heath	Dog walking	-	-	-	6	-	-
631/1/1	Dunwich, Dunwich Heath and Sizewell	Walking	-	-	-	5	-	-
631/2/1	Dunwich, Dunwich Heath and Sizewell	Walking	-	-	-	5	-	-
323/1/1	**Orford Ness**	**Angling**	-	-	-	-	**1251**	-
323/2/1	Orford Ness	Angling	-	-	-	-	417	-
637/1/1	Sizewell, Thorpeness, Aldeburgh and Orford Ness	Angling	-	-	-	-	272	-
315/1/1	Aldeburgh	Attending to boat and fishing gear	-	-	-	-	156	-

Table 11. 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	Boat on mud
315/2/1	Aldeburgh	Attending to boat and fishing gear	-	-	-	-	156	-
326/1/1	Slaughden	Angling	-	-	-	-	131	-
328/1/1	Slaughden	Angling	-	-	-	-	131	-
328/2/1	Slaughden	Angling	-	-	-	-	131	-
327/1/1	Slaughden	Angling	-	-	-	-	80	-
327/2/1	Slaughden	Resting	-	-	-	-	80	-
396/1/1	Dunwich, Sizewell, Thorpeness and Aldeburgh	Angling	-	-	-	-	78	-
305/1/1	Aldeburgh	Playing	-	-	-	-	68	-
305/2/1	Aldeburgh	Playing	-	-	-	-	68	-
305/3/1	Aldeburgh	Playing	-	-	-	-	68	-
320/1/1	Aldeburgh	Attending to boat and fishing gear	-	-	-	-	50	-
618/1/1	Aldeburgh	Attending to boat and fishing gear	-	-	-	-	50	-
618/2/1	Aldeburgh	Attending to boat and fishing gear	-	-	-	-	50	-
338/1/1	Aldeburgh and Slaughden	Playing	-	-	-	-	39	-
338/2/1	Aldeburgh and Slaughden	Playing	-	-	-	-	39	-
273/1/1	Dunwich	Playing	-	-	-	-	36	-
273/2/1	Dunwich	Playing	-	-	-	-	36	-
273/3/1	Dunwich	Playing	-	-	-	-	36	-
670/1/1	Dunwich and Slaughden	Angling	-	-	-	-	30	-
670/2/1	Dunwich and Slaughden	Angling	-	-	-	-	30	-
670/3/1	Dunwich and Slaughden	Angling	-	-	-	-	30	-
304/1/1	Aldeburgh	Playing	-	-	-	-	20	-
304/2/1	Aldeburgh	Playing	-	-	-	-	20	-
317/1/1	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/2	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/3	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/4	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/5	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/6	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/7	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/8	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/9	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/10	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/11	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/12	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/13	Aldeburgh	Rescue duties	-	-	-	-	15	-

Table 11. 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	Boat on mud
317/1/14	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/15	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/16	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/17	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/18	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/1/19	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/2/1	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/2/2	Aldeburgh	Rescue duties	-	-	-	-	15	-
317/2/3	Aldeburgh	Rescue duties	-	-	-	-	15	-
289/1/1	Thorpeness	Sitting on the beach	-	-	-	-	12	-
289/2/1	Thorpeness	Sitting on the beach	-	-	-	-	12	-
322/1/1	Orford Ness	Litter collecting	-	-	-	-	6	-
322/1/2	Orford Ness	Litter collecting	-	-	-	-	6	-
322/1/3	Orford Ness	Litter collecting	-	-	-	-	6	-
322/1/4	Orford Ness	Litter collecting	-	-	-	-	6	-
322/1/5	Orford Ness	Litter collecting	-	-	-	-	6	-
322/1/6	Orford Ness	Litter collecting	-	-	-	-	6	-
322/1/7	Orford Ness	Litter collecting	-	-	-	-	6	-
322/1/8	Orford Ness	Litter collecting	-	-	-	-	6	-
547/2/1	**River Alde at Slaughden**	**Living on a boat (part time)**	-	-	-	-	-	**840**

Notes

Emboldened observations are the high-rate individuals

The mean intertidal occupancy rate over mud for adults based on 5 high-rate observations is 162 h y^{-1}

The observed 97.5th percentile rate based on 8 observations is 169 h y^{-1}

The mean intertidal occupancy rate over salt marsh for adults based on 6 high-rate observations is 175 h y^{-1}

The observed 97.5th percentile rate based on 20 observations is 240 h y^{-1}

The mean intertidal occupancy rate over sand for adults based on 4 high-rate observations is 146 h y-1

The observed 97.5th percentile rate based on 19 observations is 189 h y^{-1}

The mean intertidal occupancy rate over sand and stones for adults based on 16 high-rate observations is 591 h y^{-1}

The observed 97.5th percentile rate based on 76 observations is 847 h y^{-1}

The mean intertidal occupancy rate over stones for adults based on 1 high-rate observation is 1251 h y-1

The observed 97.5th percentile rate based on 68 observations is 319 h y^{-1}

The mean intertidal occupancy rate over boat on mud for adults based on 1 high-rate observation is 840 h y-1

The observed 97.5th percentile is not applicable for 1 observation

Table 12. Children's and infants' intertidal occupancy rates in the Sizewell aquatic survey area (h y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Location	Activity	Salt marsh	Sand	Sand and stones	Stones
262/3/1	**9**	**Walberswick**	**Crabbing**	**18**	-	-	-
262/4/1	**8**	**Walberswick**	**Crabbing**	**18**	-	-	-
263/3/1	**12**	**Walberswick**	**Crabbing**	**12**	-	-	-
263/4/1	**10**	**Walberswick**	**Crabbing**	**12**	-	-	-
260/2/1	**6**	**Walberswick**	**Crabbing**	**6**	-	-	-
		Walberswick	**Playing**	**-**	**20**	-	-
274/4/1	**13**	**Southwold, Walberswick, Dunwich, Dunwich Heath, Sizewell, Thorpeness, Aldeburgh and Slaughden**	**Angling**	**-**	**-**	**339**	-
455/5/1	**12**	**Sizewell and Aldeburgh**	**Angling**	**-**	**-**	**135**	-
		Sizewell	**Dog walking and walking**	**-**	**-**		-
248/2/1	10	Southwold	Playing	-	-	80	-
248/3/1	6	Southwold	Playing	-	-	80	-
332/3/1	11	Southwold and Slaughden	Angling	-	-	30	-
332/4/1	8	Southwold and Slaughden	Angling	-	-	30	-

Notes

Emboldened observations are the high-rate individuals

The mean intertidal occupancy rate over salt marsh for the child age group based on 5 high-rate observations is 13 h y^{-1}

The observed 97.5th percentile rate based on 5 observations is 18 h y^{-1}

The mean intertidal occupancy rate over sand for the child age group based on 1 high-rate observation is 20 h y^{-1}

The observed 97.5th percentile is not applicable for 1 observation

The mean intertidal occupancy rate over sand and stones for the child age group based on 2 high-rate observations is 237 h y^{-1}

The observed 97.5th percentile rate based on 6 observations is 313 h y^{-1}

Infant age group (0 - 5 years old)

Person ID number	Age	Location	Activity	Salt marsh	Sand	Sand and stones	Stones
324/3/1	**3**	**River Alde at Slaughden**	**Playing**	**26**	-	26	-
324/4/1	**4**	**River Alde at Slaughden**	**Playing**	**26**	-	26	-
324/5/1	**5**	**River Alde at Slaughden**	**Playing**	**26**	-	26	-
262/5/1	**5**	**Walberswick**	**Crabbing**	**18**	-	-	-
260/3/1	**4**	Walberswick	Crabbing	6	-	-	-
		Walberswick	**Playing**	-	**20**	-	-
248/4/1	**3**	**Southwold**	**Playing**	-	-	**80**	-
338/3/1	**4**	**Aldeburgh and Slaughden**	**Playing**	-	-	-	**39**
273/4/1	**3**	**Dunwich**	**Playing**	-	-	-	**36**
304/3/1	**5**	**Aldeburgh**	**Playing**	-	-	-	**20**
304/4/1	**2**	**Aldeburgh**	**Playing**	-	-	-	**20**

Notes

Emboldened observations are the high-rate individuals

The mean intertidal occupancy rate over salt marsh for the infant age group based on 4 high-rate observations is 24 h y^{-1}

The observed 97.5th percentile rate based on 5 observations is 26 h y^{-1}

The mean intertidal occupancy rate over sand for the infant age group based on 1 high-rate observation is 20 h y^{-1}

The observed 97.5th percentile is not applicable for 1 observation

The mean intertidal occupancy rate over sand and stones for the infant age group based on 1 high-rate observations is 80 h y^{-1}

The observed 97.5th percentile rate based on 4 observations is 76 h y^{-1}

The mean intertidal occupancy rate over stones for the infant age group based on 4 high-rate observations is 29 h y^{-1}

The observed 97.5th percentile rate based on 4 observations is 39 h y^{-1}

Table 13. Gamma dose rate measurements over intertidal substrates in the Sizewell aquatic survey area (µGy h^{-1})

Location	National Grid Reference	Substrate	Gamma dose rate at 1m[a]
Southwold beach	TM 507 751	Sand	0.046
Southwold Harbour	TM 499 752	Mud	0.063
River Blyth (near bailey bridge)	TM 493 758	Salt marsh	0.061
Walberswick beach	TM 502 746	Sand	0.050
Walberswick creek	TM 501 747	Salt marsh	0.068
Dunwich beach	TM 479 707	Sand and stones	0.043
Sizewell beach	TM 476 627	Sand and stones	0.042
Aldeburgh beach (north)	TM 467 575	Sand and stones	0.041
Aldeburgh beach (north)	TM 467 575	Stones	0.046
Aldeburgh beach	TM 466 568	Sand and stones	0.040
Slaughden beach	TM 464 556	Sand and stones	0.044
River Alde at Slaughden	TM 461 548	Mud and stones	0.053
River Alde at Slaughden	TM 461 548	Salt marsh	0.062
River Ore at Orford	TM 425 495	Mud and stones	0.053

Notes

[a] These measurements have not been adjusted for background dose rates

Table 14. 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
266/1/1	**Survey area**	**Handling nets, pots and lines**	**1925**	**-**
266/2/1	**Survey area**	**Handling nets, pots and lines**	**1925**	**-**
551/1/1	**Off Sizewell**	**Handling nets and pots**	**1408**	**-**
	River Alde	Wildfowling		5
551/5/1	**Off Sizewell**	**Handling nets and pots**	**1408**	**-**
618/1/1	**Off Aldeburgh**	**Handling nets, pots and lines**	**1304**	**-**
618/2/1	**Off Aldeburgh**	**Handling nets, pots and lines**	**1304**	**-**
284/1/1	**Survey area**	**Handling nets and lines**	**1080**	**-**
284/3/1	**Survey area**	**Handling nets and lines**	**1080**	**-**
320/1/1	**Off Aldeburgh**	**Handling nets and pots**	**1032**	**-**
266/3/1	**Survey area**	**Handling nets, pots and lines**	**959**	**-**
315/1/1	**Survey area**	**Handling nets, pots and lines**	**936**	**-**
315/2/1	**Survey area**	**Handling nets, pots and lines**	**936**	**-**
249/1/1	**Survey area**	**Handling pots and lines**	**900**	**-**
249/2/1	**Survey area**	**Handling pots and lines**	**900**	**-**
249/3/1	**Survey area**	**Handling pots and lines**	**900**	**-**
562/1/1	**Butley River**	**Handling oyster dredge**	**731**	**-**
562/3/1	**Butley River**	**Handling oyster dredge**	**731**	**-**
265/1/1	Southwold to Sizewell	Handling nets	546	-
284/4/1	Survey area	Handling nets and lines	540	-
318/1/1	Sizewell to Orford Ness	Handling nets and pots	354	-
562/2/1	Off Orford Ness	Handling nets, pots and lines	222	-
562/2/2	Off Orford Ness	Handling nets, pots and lines	222	-
562/2/3	Off Orford Ness	Handling nets, pots and lines	222	-
562/5/1	Off Orford Ness	Handling nets, pots and lines	222	-
318/3/1	Sizewell to Orford Ness	Handling nets and pots	177	-
399/1/1	Off Sizewell	Handling nets and pots	88	-
399/2/1	Off Sizewell	Handling nets and pots	88	-
264/1/1	Off Southwold	Handling nets and pots	40	-
264/2/1	Off Southwold	Handling nets and pots	40	-
400/1/1	Off Sizewell	Handling nets	20	-
262/1/1	Walberswick	Handling crab lines	18	-
262/2/1	Walberswick	Handling crab lines	18	-
263/1/1	Walberswick	Handling crab lines	12	-
263/2/1	Walberswick	Handling crab lines	12	-

Table 14. 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
405/1/1	Off Southwold	Handling nets	12	-
260/1/1	Walberswick	Handling crab lines	6	-
552/3/1	**River Alde at Slaughden**	**Fixing moorings**	**-**	**188**
552/3/2	**River Alde at Slaughden**	**Fixing moorings**	**-**	**188**
547/1/1	**River Alde at Slaughden**	**Fixing moorings**	**-**	**169**
547/1/2	**River Alde at Slaughden**	**Fixing moorings**	**-**	**169**
547/1/3	**River Alde at Slaughden**	**Fixing moorings**	**-**	**169**
471/1/1	River Alde	Wildfowling	-	35
471/3/1	River Alde	Wildfowling	-	35
471/3/2	River Alde	Wildfowling	-	35
471/3/3	River Alde	Wildfowling	-	35
471/3/4	River Alde	Wildfowling	-	35
471/3/5	River Alde	Wildfowling	-	35

Notes

Emboldened observations are the high-rate individuals

The mean handling rate of fishing gear for adults based on 17 high-rate observations is 1145 h y^{-1}

The observed 97.5th percentile rate based on 36 observations is 1925 h y^{-1}

The mean handling rate of sediments for adults based on 5 high-rate observations is 176 h y^{-1}

The observed 97.5th percentile rate based on 12 observations is 188 h y^{-1}

Table 15. Children's handling rates of fishing gear and sediment in the Sizewell aquatic survey area (h y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Location	Activity	Fishing gear	Sediment
262/3/1	**9**	**Walberswick**	**Handling crab lines**	**18**	**-**
262/4/1	**8**	**Walberswick**	**Handling crab lines**	**18**	**-**
263/3/1	**12**	**Walberswick**	**Handling crab lines**	**12**	**-**
263/4/1	**10**	**Walberswick**	**Handling crab lines**	**12**	**-**
260/2/1	**6**	**Walberswick**	**Handling crab lines**	**6**	-

Notes

Emboldened observations are the high-rate individuals

The mean handling rate of fishing gear for the child age group based on 5 high-rate observations is 13 h y^{-1}

The observed 97.5th percentile rate based on 5 observations is 18 h y^{-1}

No sediment handling was recorded for the child age group

Infant age group (0 - 5 years old)

Person ID number	Age	Location	Activity	Fishing gear	Sediment
262/5/1	**5**	**Walberswick**	**Handling crab lines**	**18**	**-**
260/3/1	**4**	**Walberswick**	**Handling crab lines**	**6**	-

Notes

Emboldened observations are the high-rate individuals

The mean handling rate of fishing gear for the infant age group based on 2 high-rate observations is 12 h y^{-1}

The observed 97.5th percentile rate based on 2 observations is 18 h y^{-1}

No sediment handling was recorded for the infant age group

Table 16. 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
267/1/1	Southwold and Walberswick	Surfing	400	-
267/3/1	Southwold and Walberswick	Surfing	300	-
259/1/1	Southwold and Walberswick	Swimming	292	-
267/2/1	Southwold and Walberswick	Surfing	200	-
270/1/1	Southwold	Swimming and surfing	77	-
270/2/1	Southwold	Swimming and surfing	77	-
270/3/1	Southwold	Swimming and surfing	77	-
270/4/1	Southwold	Swimming and surfing	77	-
270/5/1	Southwold	Swimming and surfing	77	-
270/6/1	Southwold	Swimming and surfing	77	-
311/1/1	Sizewell	Swimming	32	-
297/1/1	Sizewell	Swimming	10	-
302/1/1	Sizewell	Swimming	6	-
305/1/1	Aldeburgh	Swimming	5	-
305/2/1	Aldeburgh	Swimming	5	-
305/3/1	Aldeburgh	Swimming	5	-
283/1/1	Southwold Harbour	Living on a boat	-	2880
283/2/1	Southwold Harbour	Living on a boat	-	2880
333/1/1	Southwold to North Weir Point, the River Alde and River Ore	Sailing	-	2839
266/1/1	Survey area	Setting nets, potting and long lining	-	2750
266/2/1	Survey area	Setting nets, potting and long lining	-	2750
325/1/1	River Ore	Charter boat duties	-	1920
325/2/1	River Ore	Charter boat duties	-	1920
249/1/1	Survey area	Potting and long lining	-	1500
249/2/1	Survey area	Potting and long lining	-	1500
249/3/1	Survey area	Potting and long lining	-	1500
618/1/1	Off Aldeburgh	Setting nets, potting and long lining	-	1435
618/2/1	Off Aldeburgh	Setting nets, potting and long lining	-	1435
551/1/1	Off Sizewell	Setting nets and potting	-	1408
551/5/1	Off Sizewell	Setting nets and potting	-	1408
266/3/1	Survey area	Setting nets, potting and long lining	-	1370
315/1/1	Survey area	Setting nets, potting and long lining	-	1092
315/2/1	Survey area	Setting nets, potting and long lining	-	1092
284/1/1	Survey area	Setting nets and long lining	-	1080
284/3/1	Survey area	Setting nets and long lining	-	1080

Table 16. 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
265/1/1	Southwold to Sizewell	Trawling and setting nets	-	936
285/1/1	Off Southwold and the River Blyth	Charter boat duties	-	914
285/2/1	Off Southwold and the River Blyth	Charter boat duties	-	914
318/1/1	Sizewell to Orford Ness	Setting nets and potting	-	786
562/1/1	Butley River	Dredging for oysters	-	731
562/3/1	Butley River	Dredging for oysters	-	731
320/1/1	Off Aldeburgh	Setting nets and potting	-	636
284/4/1	Survey area	Setting nets and long lining	-	540
552/3/1	River Alde at Slaughden	Motor launch duties and fixing moorings	-	476
552/3/2	River Alde at Slaughden	Motor launch duties and fixing moorings	-	476
562/2/1	Off Orford Ness	Setting nets, potting and long lining	-	444
562/2/2	Off Orford Ness	Setting nets, potting and long lining	-	444
562/2/3	Off Orford Ness	Setting nets, potting and long lining	-	444
562/5/1	Off Orford Ness	Setting nets, potting and long lining	-	444
407/1/1	River Ore	Sailing	-	415
318/3/1	Sizewell to Orford Ness	Setting nets and potting	-	394
547/1/1	River Alde at Slaughden	Boat maintenance	-	352
547/1/2	River Alde at Slaughden	Boat maintenance	-	352
547/1/3	River Alde at Slaughden	Boat maintenance	-	352
287/1/1	Southwold Harbour	Boat duties	-	350
287/2/1	Southwold Harbour	Boat duties	-	350
330/1/1	River Alde	Sailing	-	275
330/1/2	River Alde	Sailing	-	275
330/1/3	River Alde	Sailing	-	275
330/1/4	River Alde	Sailing	-	275
330/1/5	River Alde	Sailing	-	275
330/1/6	River Alde	Sailing	-	275
330/1/7	River Alde	Sailing	-	275
330/1/8	River Alde	Sailing	-	275
330/1/9	River Alde	Sailing	-	275
330/1/10	River Alde	Sailing	-	275
399/1/1	Off Sizewell	Boat angling, setting nets and potting	-	264
399/2/1	Off Sizewell	Boat angling, setting nets and potting	-	264
269/1/1	Off Southwold and Southwold Harbour	Sailing and boat maintenance	-	261
269/2/1	Off Southwold and Southwold Harbour	Sailing and boat maintenance	-	261

Table 16. 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
317/1/1	Survey area	Rescue duties	-	240
317/1/2	Survey area	Rescue duties	-	240
317/1/3	Survey area	Rescue duties	-	240
317/1/4	Survey area	Rescue duties	-	240
317/1/5	Survey area	Rescue duties	-	240
317/1/6	Survey area	Rescue duties	-	240
317/1/7	Survey area	Rescue duties	-	240
317/1/8	Survey area	Rescue duties	-	240
317/1/9	Survey area	Rescue duties	-	240
317/1/10	Survey area	Rescue duties	-	240
317/1/11	Survey area	Rescue duties	-	240
317/1/12	Survey area	Rescue duties	-	240
317/1/13	Survey area	Rescue duties	-	240
317/1/14	Survey area	Rescue duties	-	240
317/1/15	Survey area	Rescue duties	-	240
317/1/16	Survey area	Rescue duties	-	240
317/1/17	Survey area	Rescue duties	-	240
317/1/18	Survey area	Rescue duties	-	240
317/1/19	Survey area	Rescue duties	-	240
317/2/1	Survey area	Rescue duties	-	240
317/2/2	Survey area	Rescue duties	-	240
317/2/3	Survey area	Rescue duties	-	240
552/1/1	River Alde and River Ore	Sailing	-	183
552/1/2	River Alde and River Ore	Sailing	-	183
552/1/3	River Alde and River Ore	Sailing	-	183
552/1/4	River Alde and River Ore	Sailing	-	183
552/1/5	River Alde and River Ore	Sailing	-	183
552/2/1	River Alde and River Ore	Sailing	-	183
552/2/2	River Alde and River Ore	Sailing	-	183
552/2/3	River Alde and River Ore	Sailing	-	183
552/2/4	River Alde and River Ore	Sailing	-	183
552/2/5	River Alde and River Ore	Sailing	-	183
285/3/1	Off Southwold and the River Blyth	Charter boat duties	-	183
285/4/1	Off Southwold and the River Blyth	Charter boat duties	-	183
285/5/1	Off Southwold and the River Blyth	Charter boat duties	-	183

Table 16. 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
285/6/1	Off Southwold and the River Blyth	Charter boat duties	-	183
285/7/1	Off Southwold and the River Blyth	Charter boat duties	-	183
285/8/1	Off Southwold and the River Blyth	Charter boat duties	-	183
285/9/1	Off Southwold and the River Blyth	Charter boat duties	-	183
285/10/1	Off Southwold and the River Blyth	Charter boat duties	-	183
285/11/1	Off Southwold and the River Blyth	Charter boat duties	-	183
285/12/1	Off Southwold and the River Blyth	Charter boat duties	-	183
334/1/1	River Alde and River Ore	Sailing	-	158
334/1/2	River Alde and River Ore	Sailing	-	158
334/1/3	River Alde and River Ore	Sailing	-	158
334/1/4	River Alde and River Ore	Sailing	-	158
334/1/5	River Alde and River Ore	Sailing	-	158
334/2/1	River Alde and River Ore	Sailing	-	158
334/2/2	River Alde and River Ore	Sailing	-	158
334/2/3	River Alde and River Ore	Sailing	-	158
334/2/4	River Alde and River Ore	Sailing	-	158
334/2/5	River Alde and River Ore	Sailing	-	158
287/3/1	Southwold Harbour	Boat duties	-	140
287/4/1	Southwold Harbour	Boat duties	-	140
287/5/1	Southwold Harbour	Boat duties	-	140
324/1/1	River Alde	Sailing	-	113
	River Alde at Slaughden	Paddling	-	
324/2/1	River Alde	Sailing	-	105
256/1/1	Off Southwold	Boat Angling	-	104
256/2/1	Off Southwold	Boat Angling	-	104
286/1/1	Off Southwold and the River Blyth	Rescue duties	-	90
286/2/1	Off Southwold and the River Blyth	Rescue duties	-	90
286/3/1	Off Southwold and the River Blyth	Rescue duties	-	90
547/2/1	River Alde at Slaughden	Living on a boat	-	84
282/1/1	Off Southwold	Sailing	-	72
282/2/1	Off Southwold	Sailing	-	72
282/3/1	Off Southwold	Sailing	-	72
282/4/1	Off Southwold	Sailing	-	72
282/5/1	Off Southwold	Sailing	-	72
282/6/1	Off Southwold	Sailing	-	72

Table 16. 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
282/7/1	Off Southwold	Sailing	-	72
282/8/1	Off Southwold	Sailing	-	72
637/1/1	Off Aldeburgh	Boat Angling	-	72
281/1/1	Off Southwold	Sailing	-	50
264/1/1	Off Southwold	Boat angling, trawling and setting nets	-	48
264/2/1	Off Southwold	Boat angling, trawling and setting nets	-	48
268/1/1	Off Southwold	Boat angling	-	48
268/2/1	Off Southwold	Boat angling	-	48
400/1/1	Off Southwold	Boat angling and setting nets	-	40
321/1/1	River Ore	Warden duties	-	24
321/2/1	River Ore	Warden duties	-	24
405/1/1	Off Southwold	Setting nets	-	12
248/1/1	Southwold	Paddling	-	10
260/1/1	Walberswick	Paddling	-	3
304/1/1	Aldeburgh	Paddling	-	3
304/2/1	Aldeburgh	Paddling	-	3

Notes

Where generalised data for groups of people were collected, for example members of sailing clubs, only a limited number of representative individuals have been included.

Table 17. Children's and infants' occupancy rates in and on water in the Sizewell aquatic survey area (h y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Location	Activity	IN water	ON water
281/2/1	13	Off Southwold	Sailing	-	50
248/2/1	10	Southwold	Paddling	-	10
248/3/1	6	Southwold	Paddling	-	10
260/2/1	6	Walberswick	Paddling	-	3

No activities IN water were recorded for the child age group

Infant age group (0 - 5 years old)

Person ID number	Age	Location	Activity	IN water	ON water
248/4/1	3	Southwold	Paddling	-	10
324/3/1	3	River Alde at Slaughden	Paddling	-	9
324/4/1	4	River Alde at Slaughden	Paddling	-	9
324/5/1	5	River Alde at Slaughden	Paddling	-	9
260/3/1	4	Walberswick	Paddling	-	3
304/3/1	5	Aldeburgh	Paddling	-	3
304/4/1	2	Aldeburgh	Paddling	-	3

No activities IN water were recorded for the infant age group

Table 18. Adults' consumption rates of green vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Artichoke	Asparagus	Broccoli	Brussel sprout	Cabbage	Calabrese	Cauliflower	Chard	Courgette	Cucumber	Herbs	Kale	Lettuce	Marrow	Rocket	Spinach	Total
603/1/1	-	-	22.4	-	42.6	-	3.7	-	-	-	-	6.4	4.5	-	-	-	79.7
603/2/1	-	-	22.4	-	42.6	-	3.7	-	-	-	-	6.4	4.5	-	-	-	79.7
603/3/1	-	-	22.4	-	42.6	-	3.7	-	-	-	-	6.4	4.5	-	-	-	79.7
396/1/1	-	-	14.7	6.0	12.0	9.8	7.4	-	-	-	0.2	-	3.0	16.2	-	4.5	73.8
396/2/1	-	-	14.7	6.0	12.0	9.8	7.4	-	-	-	0.2	-	3.0	16.2	-	4.5	73.8
396/3/1	-	-	14.7	6.0	12.0	9.8	7.4	-	-	-	0.2	-	3.0	16.2	-	4.5	73.8
396/4/1	-	-	14.7	6.0	12.0	9.8	7.4	-	-	-	0.2	-	3.0	16.2	-	4.5	73.8
613/1/1	-	0.6	9.4	5.7	18.6	-	4.7	-	14.7	4.3	-	-	-	-	-	4.3	62.1
613/2/1	-	0.6	9.4	5.7	18.6	-	4.7	-	14.7	4.3	-	-	-	-	-	4.3	62.1
385/1/1	-	-	-	-	-	-	4.7	-	27.6	-	-	8.0	2.4	-	3.8	8.5	54.9
385/2/1	-	-	-	-	-	-	4.7	-	27.6	-	-	8.0	2.4	-	3.8	8.5	54.9
605/1/1	-	-	9.0	-	14.6	-	-	-	19.7	-	-	-	9.8	-	-	-	53.1
605/2/1	-	-	9.0	-	14.6	-	-	-	19.7	-	-	-	9.8	-	-	-	53.1
627/1/1	-	-	-	-	19.2	-	-	-	-	30.6	-	-	2.8	-	-	-	52.6
627/2/1	-	-	-	-	19.2	-	-	-	-	30.6	-	-	2.8	-	-	-	52.6
397/1/1	-	-	-	-	15.2	18.7	9.4	-	-	-	-	-	5.6	-	-	-	48.9
397/2/1	-	-	-	-	15.2	18.7	9.4	-	-	-	-	-	5.6	-	-	-	48.9
606/1/1	-	-	18.7	-	22.8	-	4.7	-	-	-	-	-	2.3	-	-	-	48.5
636/1/1	-	-	5.8	-	19.1	-	12.2	-	9.9	-	-	-	-	-	-	-	47.1
636/2/1	-	-	5.8	-	19.1	-	12.2	-	9.9	-	-	-	-	-	-	-	47.1
616/1/1	-	-	-	-	8.0	-	-	-	5.5	17.9	-	-	5.9	3.2	-	1.1	41.7
616/2/1	-	-	-	-	8.0	-	-	-	5.5	17.9	-	-	5.9	3.2	-	1.1	41.7
615/1/1	-	-	-	3.6	26.8	-	3.0	-	-	-	-	-	7.2	-	-	-	40.6
615/2/1	-	-	-	3.6	26.8	-	3.0	-	-	-	-	-	7.2	-	-	-	40.6
436/1/1	-	-	-	4.6	-	-	4.7	-	14.7	-	-	14.4	0.8	-	-	-	39.1
604/1/1	-	-	-	-	-	-	3.7	6.4	20.2	-	-	-	7.5	-	-	-	37.9
604/2/1	-	-	-	-	-	-	3.7	6.4	20.2	-	-	-	7.5	-	-	-	37.9
604/3/1	-	-	-	-	-	-	3.7	6.4	20.2	-	-	-	7.5	-	-	-	37.9
604/4/1	-	-	-	-	-	-	3.7	6.4	20.2	-	-	-	7.5	-	-	-	37.9
418/1/1	-	-	18.7	-	-	2.8	2.8	-	-	-	-	11.2	1.1	-	-	-	36.7
418/2/1	-	-	18.7	-	-	2.8	2.8	-	-	-	-	11.2	1.1	-	-	-	36.7
612/1/1	-	-	11.2	-	18.3	-	-	-	-	-	-	-	6.0	-	-	-	35.5
612/2/1	-	-	11.2	-	18.3	-	-	-	-	-	-	-	6.0	-	-	-	35.5
392/1/1	-	-	-	-	28.8	-	-	-	-	-	-	-	1.6	-	-	-	30.4
392/2/1	-	-	-	-	28.8	-	-	-	-	-	-	-	1.6	-	-	-	30.4
310/1/1	-	-	-	4.9	12.8	-	2.5	-	3.7	-	-	-	4.1	-	-	-	28.0
310/2/1	-	-	-	4.9	12.8	-	2.5	-	3.7	-	-	-	4.1	-	-	-	28.0
302/1/1	-	-	-	-	-	-	-	-	7.4	17.0	-	2.1	1.5	-	-	-	27.9
302/2/1	-	-	-	-	-	-	-	-	7.4	17.0	-	2.1	1.5	-	-	-	27.9
608/1/1	-	-	-	-	12.2	-	3.7	-	8.8	-	-	-	3.0	-	-	-	27.8
608/2/1	-	-	-	-	12.2	-	3.7	-	8.8	-	-	-	3.0	-	-	-	27.8
632/1/1	-	-	-	3.6	7.5	-	7.6	-	-	-	-	-	5.4	-	-	2.7	26.9
632/2/1	-	-	-	3.6	7.5	-	7.6	-	-	-	-	-	5.4	-	-	2.7	26.9
630/1/1	-	-	6.5	3.9	7.9	-	3.2	-	-	-	-	-	3.9	-	-	-	25.4

Table 18. Adults' consumption rates of green vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Artichoke	Asparagus	Broccoli	Brussel sprout	Cabbage	Calabrese	Cauliflower	Chard	Courgette	Cucumber	Herbs	Kale	Lettuce	Marrow	Rocket	Spinach	Total
630/2/1	-	-	6.5	3.9	7.9	-	3.2	-	-	-	-	-	3.9	-	-	-	25.4
637/1/1	-	0.2	-	-	1.8	1.4	-	-	1.3	3.0	-	16.1	0.5	0.6	-	-	25.0
637/2/1	-	0.2	-	-	1.8	1.4	-	-	1.3	3.0	-	16.1	0.5	0.6	-	-	25.0
637/3/1	-	0.2	-	-	1.8	1.4	-	-	1.3	3.0	-	16.1	0.5	0.6	-	-	25.0
637/4/1	-	0.2	-	-	1.8	1.4	-	-	1.3	3.0	-	16.1	0.5	0.6	-	-	25.0
627/8/1	-	-	-	-	8.0	-	-	-	-	12.8	-	-	1.2	-	-	-	22.0
627/9/1	-	-	-	-	8.0	-	-	-	-	12.8	-	-	1.2	-	-	-	22.0
614/1/1	-	-	-	-	11.4	-	-	-	-	-	-	-	5.6	-	-	-	17.0
614/2/1	-	-	-	-	11.4	-	-	-	-	-	-	-	5.6	-	-	-	17.0
605/3/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/4/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/6/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/7/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/8/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/9/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/10/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/11/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/12/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/13/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
605/14/1	-	-	2.8	-	4.6	-	-	-	6.2	-	-	-	1.5	-	-	-	15.1
316/1/1	-	2.4	-	2.4	2.4	-	2.4	-	-	2.4	-	-	-	-	-	2.4	14.4
376/1/1	-	-	-	-	-	-	-	-	11.0	-	-	-	2.3	-	-	-	13.3
376/2/1	-	-	-	-	-	-	-	-	11.0	-	-	-	2.3	-	-	-	13.3
617/1/1	-	-	-	3.4	-	-	-	-	8.3	-	-	-	0.7	-	-	-	12.4
617/2/1	-	-	-	3.4	-	-	-	-	8.3	-	-	-	0.7	-	-	-	12.4
393/1/1	-	-	-	-	8.2	-	1.7	-	-	-	-	-	1.4	-	-	-	11.3
393/2/1	-	-	-	-	8.2	-	1.7	-	-	-	-	-	1.4	-	-	-	11.3
637/5/1	-	0.1	-	-	0.8	0.6	-	-	0.6	1.3	-	6.9	0.2	0.3	-	-	10.7
637/6/1	-	0.1	-	-	0.8	0.6	-	-	0.6	1.3	-	6.9	0.2	0.3	-	-	10.7
438/1/1	-	-	-	-	-	-	-	-	6.0	4.0	0.2	-	0.3	-	-	-	10.5
438/2/1	-	-	-	-	-	-	-	-	6.0	4.0	0.2	-	0.3	-	-	-	10.5
438/3/1	-	-	-	-	-	-	-	-	6.0	4.0	0.2	-	0.3	-	-	-	10.5
616/6/1	-	-	-	-	2.0	-	-	-	1.4	4.5	-	-	1.5	0.8	-	0.3	10.4
616/7/1	-	-	-	-	2.0	-	-	-	1.4	4.5	-	-	1.5	0.8	-	0.3	10.4
452/1/1	-	-	-	-	-	-	-	-	4.5	5.7	-	-	-	-	-	-	10.2
616/3/1	-	-	-	-	1.8	-	-	-	1.2	4.0	-	-	1.3	0.7	-	0.2	9.3
616/4/1	-	-	-	-	1.8	-	-	-	1.2	4.0	-	-	1.3	0.7	-	0.2	9.3
609/1/1	-	-	-	-	-	-	-	-	7.4	-	-	-	1.2	-	-	-	8.6
455/1/1	-	0.2	1.6	-	5.1	-	-	-	-	-	0.4	-	1.2	-	-	-	8.5
455/2/1	-	0.2	1.6	-	5.1	-	-	-	-	-	0.4	-	1.2	-	-	-	8.5
455/3/1	-	0.2	1.6	-	5.1	-	-	-	-	-	0.4	-	1.2	-	-	-	8.5
455/4/1	-	0.2	1.6	-	5.1	-	-	-	-	-	0.4	-	1.2	-	-	-	8.5
634/1/1	-	-	-	2.8	3.8	-	-	-	-	-	-	-	1.4	-	-	-	8.0
634/2/1	-	-	-	2.8	3.8	-	-	-	-	-	-	-	1.4	-	-	-	8.0

Table 18. Adults' consumption rates of green vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Artichoke	Asparagus	Broccoli	Brussel sprout	Cabbage	Calabrese	Cauliflower	Chard	Courgette	Cucumber	Herbs	Kale	Lettuce	Marrow	Rocket	Spinach	Total
376/3/1	-	-	-	-	-	-	-	-	6.6	-	-	-	1.4	-	-	-	8.0
376/4/1	-	-	-	-	-	-	-	-	6.6	-	-	-	1.4	-	-	-	8.0
627/13/1	-	-	-	-	2.4	-	-	-	-	3.8	-	-	0.3	-	-	-	6.6
627/14/1	-	-	-	-	2.4	-	-	-	-	3.8	-	-	0.3	-	-	-	6.6
638/1/1	-	-	-	-	-	-	-	-	5.5	-	-	-	0.2	-	-	-	5.8
638/2/1	-	-	-	-	-	-	-	-	5.5	-	-	-	0.2	-	-	-	5.8
307/1/1	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	3.1	5.8
307/2/1	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	3.1	5.8
307/3/1	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	3.1	5.8
627/3/1	-	-	-	-	2.0	-	-	-	-	3.2	-	-	0.3	-	-	-	5.5
627/4/1	-	-	-	-	2.0	-	-	-	-	3.2	-	-	0.3	-	-	-	5.5
627/5/1	-	-	-	-	2.0	-	-	-	-	3.2	-	-	0.3	-	-	-	5.5
403/1/1	-	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	-	5.0
403/2/1	-	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	-	5.0
456/1/1	-	-	2.0	1.2	1.6	-	-	-	-	-	-	-	-	-	-	-	4.8
456/2/1	-	-	2.0	1.2	1.6	-	-	-	-	-	-	-	-	-	-	-	4.8
456/4/1	-	-	2.0	1.2	1.6	-	-	-	-	-	-	-	-	-	-	-	4.8
456/5/1	-	-	2.0	1.2	1.6	-	-	-	-	-	-	-	-	-	-	-	4.8
456/6/1	-	-	2.0	1.2	1.6	-	-	-	-	-	-	-	-	-	-	-	4.8
456/7/1	-	-	2.0	1.2	1.6	-	-	-	-	-	-	-	-	-	-	-	4.8
456/8/1	-	-	2.0	1.2	1.6	-	-	-	-	-	-	-	-	-	-	-	4.8
614/5/1	-	-	-	-	2.7	-	-	-	-	-	-	-	1.3	-	-	-	4.0
614/9/1	-	-	-	-	2.7	-	-	-	-	-	-	-	1.3	-	-	-	4.0
638/3/1	-	-	-	-	-	-	-	-	3.7	-	-	-	0.2	-	-	-	3.8
638/4/1	-	-	-	-	-	-	-	-	3.7	-	-	-	0.2	-	-	-	3.8
638/5/1	-	-	-	-	-	-	-	-	3.7	-	-	-	0.2	-	-	-	3.8
379/1/1	-	-	-	-	3.8	-	-	-	-	-	-	-	-	-	-	-	3.8
406/6/1	-	-	-	-	2.0	-	1.6	-	-	-	-	-	-	-	-	-	3.6
406/7/1	-	-	-	-	2.0	-	1.6	-	-	-	-	-	-	-	-	-	3.6
614/3/1	-	-	-	-	2.3	-	-	-	-	-	-	-	1.1	-	-	-	3.4
614/4/1	-	-	-	-	2.3	-	-	-	-	-	-	-	1.1	-	-	-	3.4
632/3/1	-	-	-	0.5	0.9	-	1.0	-	-	-	-	-	0.7	-	-	0.3	3.4
632/4/1	-	-	-	0.5	0.9	-	1.0	-	-	-	-	-	0.7	-	-	0.3	3.4
631/1/1	0.2	0.2	-	-	-	-	-	-	2.3	-	-	-	0.1	-	-	0.3	3.2
631/2/1	0.2	0.2	-	-	-	-	-	-	2.3	-	-	-	0.1	-	-	0.3	3.2
406/1/1	-	-	-	-	1.7	-	1.4	-	-	-	-	-	-	-	-	-	3.1
406/2/1	-	-	-	-	1.3	-	1.0	-	-	-	-	-	-	-	-	-	2.3
406/3/1	-	-	-	-	1.3	-	1.0	-	-	-	-	-	-	-	-	-	2.3
406/4/1	-	-	-	-	1.3	-	1.0	-	-	-	-	-	-	-	-	-	2.3
450/1/1	-	0.7	0.3	-	0.3	-	-	-	-	0.3	-	-	0.3	-	-	-	2.0
450/2/1	-	0.7	0.3	-	0.3	-	-	-	-	0.3	-	-	0.3	-	-	-	2.0
634/3/1	-	-	-	0.6	0.8	-	-	-	-	-	-	-	0.3	-	-	-	1.6
634/4/1	-	-	-	0.6	0.8	-	-	-	-	-	-	-	0.3	-	-	-	1.6
624/1/1	-	-	-	-	-	-	-	-	-	-	-	-	1.5	-	-	-	1.5

Table 18. Adults' consumption rates of green vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Artichoke	Asparagus	Broccoli	Brussel sprout	Cabbage	Calabrese	Cauliflower	Chard	Courgette	Cucumber	Herbs	Kale	Lettuce	Marrow	Rocket	Spinach	Total
624/2/1	-	-	-	-	-	-	-	-	-	-	-	-	1.5	-	-	-	1.5
636/3/1	-	-	0.1	-	0.5	-	0.3	-	0.2	-	-	-	-	-	-	-	1.2
636/4/1	-	-	0.1	-	0.5	-	0.3	-	0.2	-	-	-	-	-	-	-	1.2
639/1/1	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	1.1
639/2/1	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	1.1
388/1/1	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.5
388/2/1	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.5
639/3/1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	0.5
526/1/1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	0.3
526/2/1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	0.3
526/3/1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	0.3
526/4/1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	0.3
639/4/1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2
639/5/1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2
639/6/1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2
639/8/1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2
639/9/1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of green vegetables for adults based on the 43 high-rate consumers is 46.6 kg y^{-1}

The observed 97.5th percentile rate based on 149 observations is 73.8 kg y^{-1}

Table 19. Adults' consumption rates of other vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Aubergine	Broad bean	French bean	Pea	Pepper	Pumpkin	Runner bean	Squash	Sweetcorn	Tomato	Total
613/1/1	4.1	14.2	-	5.6	2.0	-	17.0	-	-	20.7	63.6
613/2/1	4.1	14.2	-	5.6	2.0	-	17.0	-	-	20.7	63.6
630/1/1	-	15.7	-	15.5	-	-	11.7	16.3	3.1	-	62.4
630/2/1	-	15.7	-	15.5	-	-	11.7	16.3	3.1	-	62.4
418/1/1	-	-	2.7	17.0	2.6	-	14.8	0.2	-	21.4	58.7
418/2/1	-	-	2.7	17.0	2.6	-	14.8	0.2	-	21.4	58.7
615/1/1	-	-	8.6	21.6	-	-	10.9	16.2	1.0	-	58.3
615/2/1	-	-	8.6	21.6	-	-	10.9	16.2	1.0	-	58.3
612/1/1	-	18.2	13.5	9.0	-	-	13.6	-	-	-	54.3
612/2/1	-	18.2	13.5	9.0	-	-	13.6	-	-	-	54.3
609/1/1	-	6.7	1.4	1.4	4.9	-	14.3	3.6	-	20.2	52.6
616/1/1	-	-	3.2	10.8	1.8	-	12.2	3.3	1.2	18.9	51.4
616/2/1	-	-	3.2	10.8	1.8	-	12.2	3.3	1.2	18.9	51.4
603/1/1	-	11.4	5.4	6.8	-	-	13.6	-	4.9	-	42.0
603/2/1	-	11.4	5.4	6.8	-	-	13.6	-	4.9	-	42.0
603/3/1	-	11.4	5.4	6.8	-	-	13.6	-	4.9	-	42.0
379/1/1	-	2.3	-	14.1	-	-	8.5	-	6.4	6.8	38.1
436/1/1	-	5.7	2.7	-	-	-	6.8	-	-	21.6	36.8
614/1/1	-	17.1	3.6	11.3	-	-	4.2	-	-	-	36.1
614/2/1	-	17.1	3.6	11.3	-	-	4.2	-	-	-	36.1
452/1/1	-	-	11.3	-	-	2.5	13.6	-	-	5.7	33.1
639/1/1	-	9.1	4.1	9.6	-	-	5.1	-	4.9	-	32.7
639/2/1	-	9.1	4.1	9.6	-	-	5.1	-	4.9	-	32.7
393/1/1	-	4.1	6.5	13.5	-	-	4.1	-	-	4.0	32.2
393/2/1	-	4.1	6.5	13.5	-	-	4.1	-	-	4.0	32.2
636/1/1	-	-	-	10.1	-	-	-	-	4.0	16.2	30.4
636/2/1	-	-	-	10.1	-	-	-	-	4.0	16.2	30.4
605/1/1	-	12.9	-	2.9	-	-	8.5	-	3.0	2.7	30.0
605/2/1	-	12.9	-	2.9	-	-	8.5	-	3.0	2.7	30.0
606/1/1	-	13.7	-	13.5	-	-	-	-	-	-	27.2
307/1/1	-	10.9	-	8.1	-	-	4.1	1.1	1.7	-	25.9
307/2/1	-	10.9	-	8.1	-	-	4.1	1.1	1.7	-	25.9
307/3/1	-	10.9	-	8.1	-	-	4.1	1.1	1.7	-	25.9
397/1/1	-	-	9.0	11.3	-	-	-	-	4.2	-	24.4
397/2/1	-	-	9.0	11.3	-	-	-	-	4.2	-	24.4

Table 19. Adults' consumption rates of other vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Aubergine	Broad bean	French bean	Pea	Pepper	Pumpkin	Runner bean	Squash	Sweetcorn	Tomato	Total
627/1/1	-	-	4.3	3.5	1.2	-	5.4	-	1.4	3.2	18.9
627/2/1	-	-	4.3	3.5	1.2	-	5.4	-	1.4	3.2	18.9
310/1/1	-	6.1	4.9	3.0	-	-	4.6	-	-	-	18.6
310/2/1	-	6.1	4.9	3.0	-	-	4.6	-	-	-	18.6
438/1/1	-	0.8	-	0.3	-	-	5.3	-	-	11.9	18.3
438/2/1	-	0.8	-	0.3	-	-	5.3	-	-	11.9	18.3
438/3/1	-	0.8	-	0.3	-	-	5.3	-	-	11.9	18.3
638/1/1	-	7.5	4.4	1.8	-	-	2.8	-	1.2	-	17.7
638/2/1	-	7.5	4.4	1.8	-	-	2.8	-	1.2	-	17.7
624/1/1	-	10.2	-	0.7	-	-	3.4	-	1.6	-	15.9
624/2/1	-	10.2	-	0.7	-	-	3.4	-	1.6	-	15.9
392/1/1	-	-	-	-	-	-	9.2	-	-	5.4	14.6
392/2/1	-	-	-	-	-	-	9.2	-	-	5.4	14.6
302/1/1	-	-	1.2	-	-	-	6.8	-	-	5.7	13.7
302/2/1	-	-	1.2	-	-	-	6.8	-	-	5.7	13.7
639/3/1	-	3.6	1.6	3.8	-	-	2.0	-	2.0	-	13.1
616/6/1	-	-	0.8	2.7	0.4	-	3.1	0.8	0.3	4.7	12.9
616/7/1	-	-	0.8	2.7	0.4	-	3.1	0.8	0.3	4.7	12.9
614/5/1	-	8.0	0.8	2.6	-	-	1.0	-	-	-	12.5
614/9/1	-	8.0	0.8	2.6	-	-	1.0	-	-	-	12.5
637/1/1	-	1.9	0.3	2.1	-	-	1.1	-	0.5	6.3	12.2
637/2/1	-	1.9	0.3	2.1	-	-	1.1	-	0.5	6.3	12.2
637/3/1	-	1.9	0.3	2.1	-	-	1.1	-	0.5	6.3	12.2
637/4/1	-	1.9	0.3	2.1	-	-	1.1	-	0.5	6.3	12.2
385/1/1	-	1.4	-	0.3	-	-	5.1	-	-	5.4	12.2
385/2/1	-	1.4	-	0.3	-	-	5.1	-	-	5.4	12.2
638/3/1	-	5.0	3.0	1.2	-	-	1.9	-	0.8	-	11.8
638/4/1	-	5.0	3.0	1.2	-	-	1.9	-	0.8	-	11.8
638/5/1	-	5.0	3.0	1.2	-	-	1.9	-	0.8	-	11.8
608/1/1	-	-	0.3	11.3	-	-	-	-	-	-	11.5
608/2/1	-	-	0.3	11.3	-	-	-	-	-	-	11.5
616/3/1	-	-	0.7	2.4	0.4	-	2.7	0.7	0.3	4.2	11.4
616/4/1	-	-	0.7	2.4	0.4	-	2.7	0.7	0.3	4.2	11.4
388/1/1	-	-	-	-	-	-	4.5	6.8	-	-	11.3
388/2/1	-	-	-	-	-	-	4.5	6.8	-	-	11.3

Table 19. Adults' consumption rates of other vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Aubergine	Broad bean	French bean	Pea	Pepper	Pumpkin	Runner bean	Squash	Sweetcorn	Tomato	Total
614/3/1	-	6.8	0.7	2.3	-	-	0.8	-	-	-	10.6
614/4/1	-	6.8	0.7	2.3	-	-	0.8	-	-	-	10.6
396/1/1	-	7.5	0.8	-	-	-	1.5	-	-	-	9.8
396/2/1	-	7.5	0.8	-	-	-	1.5	-	-	-	9.8
396/3/1	-	7.5	0.8	-	-	-	1.5	-	-	-	9.8
396/4/1	-	7.5	0.8	-	-	-	1.5	-	-	-	9.8
634/1/1	-	-	-	8.4	-	-	-	-	-	-	8.4
634/2/1	-	-	-	8.4	-	-	-	-	-	-	8.4
450/1/1	-	2.8	-	-	-	-	5.0	-	-	0.3	8.2
450/2/1	-	2.8	-	-	-	-	5.0	-	-	0.3	8.2
627/8/1	-	-	1.8	1.5	0.5	-	2.2	-	0.6	1.4	7.9
627/9/1	-	-	1.8	1.5	0.5	-	2.2	-	0.6	1.4	7.9
605/3/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/4/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/6/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/7/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/8/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/9/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/10/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/11/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/12/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/13/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
605/14/1	-	4.0	-	0.5	-	-	2.7	-	0.5	-	7.6
316/1/1	-	2.4	-	2.4	-	-	-	-	-	2.4	7.2
297/1/1	-	-	-	-	-	-	-	-	-	7.2	7.2
403/1/1	-	-	-	-	-	-	-	-	-	6.8	6.8
403/2/1	-	-	-	-	-	-	-	-	-	6.8	6.8
406/6/1	-	2.6	1.0	1.7	-	-	1.3	-	-	-	6.6
406/7/1	-	2.6	1.0	1.7	-	-	1.3	-	-	-	6.6
406/1/1	-	2.2	0.9	1.5	-	-	1.1	-	-	-	5.7
311/1/1	-	-	-	-	-	-	-	-	-	5.4	5.4
637/5/1	-	0.8	0.1	0.9	-	-	0.5	-	0.2	2.7	5.2
637/6/1	-	0.8	0.1	0.9	-	-	0.5	-	0.2	2.7	5.2
617/1/1	-	2.2	-	1.1	-	-	-	-	1.8	-	5.2
617/2/1	-	2.2	-	1.1	-	-	-	-	1.8	-	5.2

Table 19. Adults' consumption rates of other vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Aubergine	Broad bean	French bean	Pea	Pepper	Pumpkin	Runner bean	Squash	Sweetcorn	Tomato	Total
376/1/1	-	-	-	1.7	-	-	3.4	-	-	-	5.1
376/2/1	-	-	-	1.7	-	-	3.4	-	-	-	5.1
456/1/1	-	1.2	0.9	-	-	-	1.8	-	0.6	-	4.5
456/2/1	-	1.2	0.9	-	-	-	1.8	-	0.6	-	4.5
456/4/1	-	1.2	0.9	-	-	-	1.8	-	0.6	-	4.5
456/5/1	-	1.2	0.9	-	-	-	1.8	-	0.6	-	4.5
456/6/1	-	1.2	0.9	-	-	-	1.8	-	0.6	-	4.5
456/7/1	-	1.2	0.9	-	-	-	1.8	-	0.6	-	4.5
456/8/1	-	1.2	0.9	-	-	-	1.8	-	0.6	-	4.5
639/4/1	-	1.2	0.5	1.3	-	-	0.7	-	0.7	-	4.4
639/5/1	-	1.2	0.5	1.3	-	-	0.7	-	0.7	-	4.4
639/6/1	-	1.2	0.5	1.3	-	-	0.7	-	0.7	-	4.4
639/8/1	-	1.2	0.5	1.3	-	-	0.7	-	0.7	-	4.4
639/9/1	-	1.2	0.5	1.3	-	-	0.7	-	0.7	-	4.4
406/2/1	-	1.7	0.7	1.1	-	-	0.8	-	-	-	4.3
406/3/1	-	1.7	0.7	1.1	-	-	0.8	-	-	-	4.3
406/4/1	-	1.7	0.7	1.1	-	-	0.8	-	-	-	4.3
632/1/1	-	-	-	-	-	-	4.1	-	-	-	4.1
632/2/1	-	-	-	-	-	-	4.1	-	-	-	4.1
293/1/1	-	-	-	-	-	-	-	-	-	3.8	3.8
293/2/1	-	-	-	-	-	-	-	-	-	3.8	3.8
293/3/1	-	-	-	-	-	-	-	-	-	3.8	3.8
376/3/1	-	-	-	1.0	-	-	2.0	-	-	-	3.1
376/4/1	-	-	-	1.0	-	-	2.0	-	-	-	3.1
627/13/1	-	-	0.5	0.4	0.1	-	0.7	-	0.2	0.4	2.4
627/14/1	-	-	0.5	0.4	0.1	-	0.7	-	0.2	0.4	2.4
292/1/1	-	-	-	-	-	-	-	-	-	2.3	2.3
631/1/1	-	-	-	-	-	-	0.2	-	0.7	1.1	2.0
631/2/1	-	-	-	-	-	-	0.2	-	0.7	1.1	2.0
627/3/1	-	-	0.4	0.4	0.1	-	0.6	-	0.1	0.3	2.0
627/4/1	-	-	0.4	0.4	0.1	-	0.6	-	0.1	0.3	2.0
627/5/1	-	-	0.4	0.4	0.1	-	0.6	-	0.1	0.3	2.0
634/3/1	-	-	-	1.7	-	-	-	-	-	-	1.7
634/4/1	-	-	-	1.7	-	-	-	-	-	-	1.7
604/1/1	-	-	-	0.2	-	-	-	0.6	0.9	-	1.7

Table 19. Adults' consumption rates of other vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Aubergine	Broad bean	French bean	Pea	Pepper	Pumpkin	Runner bean	Squash	Sweetcorn	Tomato	Total
604/2/1	-	-	-	0.2	-	-	-	0.6	0.9	-	1.7
604/3/1	-	-	-	0.2	-	-	-	0.6	0.9	-	1.7
604/4/1	-	-	-	0.2	-	-	-	0.6	0.9	-	1.7
636/3/1	-	-	-	0.3	-	-	-	-	0.1	0.4	0.7
636/4/1	-	-	-	0.3	-	-	-	-	0.1	0.4	0.7
632/3/1	-	-	-	-	-	-	0.5	-	-	-	0.5
632/4/1	-	-	-	-	-	-	0.5	-	-	-	0.5

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of other vegetables for adults based on the 35 high-rate consumers is 41.7 kg y^{-1}

The observed 97.5th percentile rate based on 147 observations is 60 kg y^{-1}

Table 20. Adults' consumption rates of root vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Beetroot	Carrot	Celery	Chicory root	Garlic	Kohl rabi	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Sweet potato	Turnip	Total
630/1/1	7.8	23.3	-	-	3.4	-	23.3	9.3	6.2	-	4.1	1.7	11.7	-	-	90.9
630/2/1	7.8	23.3	-	-	3.4	-	23.3	9.3	6.2	-	4.1	1.7	11.7	-	-	90.9
397/1/1	5.6	5.6	-	-	-	-	22.5	13.5	9.0	-	12.0	-	-	-	-	68.2
397/2/1	5.6	5.6	-	-	-	-	22.5	13.5	9.0	-	12.0	-	-	-	-	68.2
614/1/1	2.8	-	-	-	-	-	-	31.5	-	-	26.0	2.5	-	-	3.4	66.2
614/2/1	2.8	-	-	-	-	-	-	31.5	-	-	26.0	2.5	-	-	3.4	66.2
605/1/1	14.2	11.5	7.0	3.5	-	-	2.7	-	4.3	0.3	1.2	-	17.7	-	-	62.4
605/2/1	14.2	11.5	7.0	3.5	-	-	2.7	-	4.3	0.3	1.2	-	17.7	-	-	62.4
396/1/1	5.5	7.4	-	-	-	-	-	8.9	10.3	-	5.2	-	17.8	-	7.1	62.3
396/2/1	5.5	7.4	-	-	-	-	-	8.9	10.3	-	5.2	-	17.8	-	7.1	62.3
396/3/1	5.5	7.4	-	-	-	-	-	8.9	10.3	-	5.2	-	17.8	-	7.1	62.3
396/4/1	5.5	7.4	-	-	-	-	-	8.9	10.3	-	5.2	-	17.8	-	7.1	62.3
379/1/1	2.8	4.5	-	-	-	-	33.8	6.3	9.0	-	3.6	-	-	-	-	60.0
612/1/1	4.5	4.5	-	-	-	-	9.0	10.8	7.2	0.9	-	-	13.6	-	5.4	55.9
612/2/1	4.5	4.5	-	-	-	-	9.0	10.8	7.2	0.9	-	-	13.6	-	5.4	55.9
639/1/1	3.4	1.7	-	-	-	-	11.3	33.7	-	-	4.8	-	-	-	-	54.9
639/2/1	3.4	1.7	-	-	-	-	11.3	33.7	-	-	4.8	-	-	-	-	54.9
636/1/1	3.0	30.4	-	-	-	-	-	8.1	8.1	-	-	-	-	4.5	-	54.1
636/2/1	3.0	30.4	-	-	-	-	-	8.1	8.1	-	-	-	-	4.5	-	54.1
392/1/1	12.2	18.2	-	-	-	-	9.1	9.7	2.4	-	1.1	1.4	-	-	-	54.1
392/2/1	12.2	18.2	-	-	-	-	9.1	9.7	2.4	-	1.1	1.4	-	-	-	54.1
310/1/1	6.1	12.2	-	-	-	-	9.1	14.6	4.9	-	4.3	-	-	-	-	51.1
310/2/1	6.1	12.2	-	-	-	-	9.1	14.6	4.9	-	4.3	-	-	-	-	51.1
632/1/1	6.3	15.3	-	-	-	-	-	12.2	7.9	-	6.4	0.4	-	-	-	48.6
632/2/1	6.3	15.3	-	-	-	-	-	12.2	7.9	-	6.4	0.4	-	-	-	48.6
604/1/1	11.3	6.8	-	-	-	-	-	14.4	-	1.1	-	-	13.6	-	-	47.1
604/2/1	11.3	6.8	-	-	-	-	-	14.4	-	1.1	-	-	13.6	-	-	47.1
604/3/1	11.3	6.8	-	-	-	-	-	14.4	-	1.1	-	-	13.6	-	-	47.1
604/4/1	11.3	6.8	-	-	-	-	-	14.4	-	1.1	-	-	13.6	-	-	47.1
615/1/1	6.3	3.6	-	-	-	-	-	2.2	2.2	-	5.8	-	10.9	-	4.3	35.2
615/2/1	6.3	3.6	-	-	-	-	-	2.2	2.2	-	5.8	-	10.9	-	4.3	35.2
436/1/1	6.8	-	-	-	-	-	4.5	2.7	8.1	2.7	-	-	10.2	-	-	34.9
616/1/1	5.9	3.0	-	-	-	-	-	9.5	-	1.2	4.2	1.3	8.2	-	-	33.3
616/2/1	5.9	3.0	-	-	-	-	-	9.5	-	1.2	4.2	1.3	8.2	-	-	33.3
606/1/1	-	-	-	-	-	-	-	13.5	-	-	12.8	-	-	-	6.8	33.0

Table 20. Adults' consumption rates of root vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Beetroot	Carrot	Celery	Chicory root	Garlic	Kohl rabi	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Sweet potato	Turnip	Total
603/1/1	**4.5**	**-**	**-**	**-**	**-**	**-**	**4.5**	**14.4**	**9.0**	**-**	**-**	**-**	**-**	**-**	**-**	**32.4**
603/2/1	**4.5**	**-**	**-**	**-**	**-**	**-**	**4.5**	**14.4**	**9.0**	**-**	**-**	**-**	**-**	**-**	**-**	**32.4**
603/3/1	**4.5**	**-**	**-**	**-**	**-**	**-**	**4.5**	**14.4**	**9.0**	**-**	**-**	**-**	**-**	**-**	**-**	**32.4**
385/1/1	**5.6**	**11.3**	**-**	**-**	**-**	**-**	**11.3**	**-**	**-**	**-**	**4.0**	**-**	**-**	**-**	**-**	**32.1**
385/2/1	**5.6**	**11.3**	**-**	**-**	**-**	**-**	**11.3**	**-**	**-**	**-**	**4.0**	**-**	**-**	**-**	**-**	**32.1**
627/1/1	**-**	**3.5**	**-**	**0.4**	**-**	**2.7**	**1.2**	**9.9**	**9.9**	**0.4**	**-**	**2.2**	**-**	**-**	**-**	**30.4**
627/2/1	**-**	**3.5**	**-**	**0.4**	**-**	**2.7**	**1.2**	**9.9**	**9.9**	**0.4**	**-**	**2.2**	**-**	**-**	**-**	**30.4**
403/1/1	-	-	-	-	-	-	-	25.0	5.0	-	-	-	-	-	-	30.0
403/2/1	-	-	-	-	-	-	-	25.0	5.0	-	-	-	-	-	-	30.0
639/3/1	1.4	0.7	-	-	-	-	4.5	13.5	-	-	1.9	-	-	-	-	21.9
634/1/1	1.4	5.6	-	-	-	-	-	4.9	9.7	-	-	-	-	-	-	21.6
634/2/1	1.4	5.6	-	-	-	-	-	4.9	9.7	-	-	-	-	-	-	21.6
609/1/1	2.4	4.3	-	-	-	-	2.6	2.9	1.8	-	6.6	-	-	-	-	20.5
418/1/1	20.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.2
418/2/1	20.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.2
393/1/1	2.7	1.4	-	-	-	-	-	11.9	-	-	3.4	-	-	-	-	19.3
393/2/1	2.7	1.4	-	-	-	-	-	11.9	-	-	3.4	-	-	-	-	19.3
624/1/1	4.5	-	-	-	-	-	-	9.0	3.6	-	-	-	-	-	-	17.1
624/2/1	4.5	-	-	-	-	-	-	9.0	3.6	-	-	-	-	-	-	17.1
614/5/1	0.7	-	-	-	-	-	-	7.4	-	-	6.1	0.6	-	-	0.8	15.6
614/9/1	0.7	-	-	-	-	-	-	7.4	-	-	6.1	0.6	-	-	0.8	15.6
376/1/1	-	-	-	-	-	-	6.8	8.1	-	-	-	-	-	-	-	14.8
376/2/1	-	-	-	-	-	-	6.8	8.1	-	-	-	-	-	-	-	14.8
613/1/1	5.6	5.6	-	-	-	-	-	-	-	2.2	-	-	-	-	-	13.5
613/2/1	5.6	5.6	-	-	-	-	-	-	-	2.2	-	-	-	-	-	13.5
614/3/1	0.6	-	-	-	-	-	-	6.3	-	-	5.2	0.5	-	-	0.7	13.2
614/4/1	0.6	-	-	-	-	-	-	6.3	-	-	5.2	0.5	-	-	0.7	13.2
617/1/1	-	2.8	-	-	-	-	-	8.2	2.2	-	-	-	-	-	-	13.2
617/2/1	-	2.8	-	-	-	-	-	8.2	2.2	-	-	-	-	-	-	13.2
627/8/1	-	1.5	-	0.2	-	1.1	0.5	4.2	4.2	0.2	-	0.9	-	-	-	12.7
627/9/1	-	1.5	-	0.2	-	1.1	0.5	4.2	4.2	0.2	-	0.9	-	-	-	12.7
316/1/1	2.4	2.4	-	-	-	-	2.4	2.4	2.4	-	-	-	-	-	-	12.0
637/1/1	0.9	-	-	-	1.9	-	2.1	6.8	-	-	-	-	-	-	-	11.8
637/2/1	0.9	-	-	-	1.9	-	2.1	6.8	-	-	-	-	-	-	-	11.8
637/3/1	0.9	-	-	-	1.9	-	2.1	6.8	-	-	-	-	-	-	-	11.8

Table 20. Adults' consumption rates of root vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Beetroot	Carrot	Celery	Chicory root	Garlic	Kohl rabi	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Sweet potato	Turnip	Total
637/4/1	0.9	-	-	-	1.9	-	2.1	6.8	-	-	-	-	-	-	-	11.8
605/3/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/4/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/6/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/7/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/8/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/9/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/10/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/11/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/12/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/13/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
605/14/1	2.2	1.8	1.1	0.6	-	-	0.4	-	0.7	0.05	0.2	-	2.8	-	-	9.8
638/1/1	2.8	-	-	-	-	-	1.8	1.5	2.2	-	1.3	-	-	-	-	9.6
638/2/1	2.8	-	-	-	-	-	1.8	1.5	2.2	-	1.3	-	-	-	-	9.6
307/1/1	4.1	-	-	-	-	1.3	-	-	3.2	0.8	-	-	-	-	-	9.4
307/2/1	4.1	-	-	-	-	1.3	-	-	3.2	0.8	-	-	-	-	-	9.4
307/3/1	4.1	-	-	-	-	1.3	-	-	3.2	0.8	-	-	-	-	-	9.4
551/1/1	-	4.5	-	-	-	-	-	4.5	-	-	-	-	-	-	-	9.1
551/2/1	-	4.5	-	-	-	-	-	4.5	-	-	-	-	-	-	-	9.1
551/3/1	-	4.5	-	-	-	-	-	4.5	-	-	-	-	-	-	-	9.1
551/4/1	-	4.5	-	-	-	-	-	4.5	-	-	-	-	-	-	-	9.1
376/3/1	-	-	-	-	-	-	4.1	4.9	-	-	-	-	-	-	-	8.9
376/4/1	-	-	-	-	-	-	4.1	4.9	-	-	-	-	-	-	-	8.9
616/6/1	1.5	0.7	-	-	-	-	-	2.4	-	0.3	1.1	0.3	2.0	-	-	8.3
616/7/1	1.5	0.7	-	-	-	-	-	2.4	-	0.3	1.1	0.3	2.0	-	-	8.3
388/1/1	1.1	-	-	-	-	-	2.3	4.5	-	-	-	-	-	-	-	7.9
388/2/1	1.1	-	-	-	-	-	2.3	4.5	-	-	-	-	-	-	-	7.9
616/3/1	1.3	0.7	-	-	-	-	-	2.1	-	0.3	0.9	0.3	1.8	-	-	7.4
616/4/1	1.3	0.7	-	-	-	-	-	2.1	-	0.3	0.9	0.3	1.8	-	-	7.4
639/4/1	0.5	0.2	-	-	-	-	1.5	4.5	-	-	0.6	-	-	-	-	7.3
639/5/1	0.5	0.2	-	-	-	-	1.5	4.5	-	-	0.6	-	-	-	-	7.3
639/6/1	0.5	0.2	-	-	-	-	1.5	4.5	-	-	0.6	-	-	-	-	7.3
639/8/1	0.5	0.2	-	-	-	-	1.5	4.5	-	-	0.6	-	-	-	-	7.3
639/9/1	0.5	0.2	-	-	-	-	1.5	4.5	-	-	0.6	-	-	-	-	7.3
638/3/1	1.8	-	-	-	-	-	1.2	1.0	1.5	-	0.9	-	-	-	-	6.4

Table 20. Adults' consumption rates of root vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Beetroot	Carrot	Celery	Chicory root	Garlic	Kohl rabi	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Sweet potato	Turnip	Total
638/4/1	1.8	-	-	-	-	-	1.2	1.0	1.5	-	0.9	-	-	-	-	6.4
638/5/1	1.8	-	-	-	-	-	1.2	1.0	1.5	-	0.9	-	-	-	-	6.4
632/3/1	0.8	1.9	-	-	-	-	-	1.5	1.0	-	0.8	0.05	-	-	-	6.1
632/4/1	0.8	1.9	-	-	-	-	-	1.5	1.0	-	0.8	0.05	-	-	-	6.1
302/1/1	-	-	-	-	-	-	-	5.7	-	-	-	-	-	-	-	5.7
302/2/1	-	-	-	-	-	-	-	5.7	-	-	-	-	-	-	-	5.7
637/5/1	0.4	-	-	-	0.8	-	0.9	2.9	-	-	-	-	-	-	-	5.0
637/6/1	0.4	-	-	-	0.8	-	0.9	2.9	-	-	-	-	-	-	-	5.0
406/6/1	0.9	0.9	-	-	-	-	1.7	-	1.4	-	-	-	-	-	-	4.8
406/7/1	0.9	0.9	-	-	-	-	1.7	-	1.4	-	-	-	-	-	-	4.8
634/3/1	0.3	1.1	-	-	-	-	-	1.0	1.9	-	-	-	-	-	-	4.3
634/4/1	0.3	1.1	-	-	-	-	-	1.0	1.9	-	-	-	-	-	-	4.3
406/1/1	0.7	0.7	-	-	-	-	1.5	-	1.2	-	-	-	-	-	-	4.1
438/1/1	0.9	0.6	-	-	-	-	2.0	-	-	-	-	0.3	-	-	-	3.9
438/2/1	0.9	0.6	-	-	-	-	2.0	-	-	-	-	0.3	-	-	-	3.9
438/3/1	0.9	0.6	-	-	-	-	2.0	-	-	-	-	0.3	-	-	-	3.9
627/13/1	-	0.4	-	0.05	-	0.3	0.2	1.2	1.2	0.05	-	0.3	-	-	-	3.8
627/14/1	-	0.4	-	0.05	-	0.3	0.2	1.2	1.2	0.05	-	0.3	-	-	-	3.8
455/1/1	-	-	-	-	-	-	1.4	1.8	-	-	-	-	-	-	-	3.2
455/2/1	-	-	-	-	-	-	1.4	1.8	-	-	-	-	-	-	-	3.2
455/3/1	-	-	-	-	-	-	1.4	1.8	-	-	-	-	-	-	-	3.2
455/4/1	-	-	-	-	-	-	1.4	1.8	-	-	-	-	-	-	-	3.2
627/3/1	-	0.4	-	0.05	-	0.3	0.1	1.0	1.0	0.05	-	0.2	-	-	-	3.2
627/4/1	-	0.4	-	0.05	-	0.3	0.1	1.0	1.0	0.05	-	0.2	-	-	-	3.2
627/5/1	-	0.4	-	0.05	-	0.3	0.1	1.0	1.0	0.05	-	0.2	-	-	-	3.2
406/2/1	0.6	0.6	-	-	-	-	1.1	-	0.9	-	-	-	-	-	-	3.1
406/3/1	0.6	0.6	-	-	-	-	1.1	-	0.9	-	-	-	-	-	-	3.1
406/4/1	0.6	0.6	-	-	-	-	1.1	-	0.9	-	-	-	-	-	-	3.1
456/1/1	-	1.2	-	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4
456/2/1	-	1.2	-	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4
456/4/1	-	1.2	-	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4
456/5/1	-	1.2	-	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4
456/6/1	-	1.2	-	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4
456/7/1	-	1.2	-	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4
456/8/1	-	1.2	-	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4

Table 20. Adults' consumption rates of root vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Beetroot	Carrot	Celery	Chicory root	Garlic	Kohl rabi	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Sweet potato	Turnip	Total
608/1/1	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	2.0
608/2/1	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	2.0
450/1/1	0.3	0.3	-	-	-	-	-	0.3	-	-	-	0.3	-	-	-	1.4
450/2/1	0.3	0.3	-	-	-	-	-	0.3	-	-	-	0.3	-	-	-	1.4
636/3/1	0.08	0.8	-	-	-	-	-	0.2	0.2	-	-	-	-	0.1	-	1.3
636/4/1	0.08	0.8	-	-	-	-	-	0.2	0.2	-	-	-	-	0.1	-	1.3
631/1/1	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	0.1
631/2/1	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	0.1

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of root vegetables for adults based on the 42 high-rate consumers is 50.9 kg y^{-1}

The observed 97.5th percentile rate based on 148 observations is 66.9 kg y^{-1}

Table 21. Adults' consumption rates of potato from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Potato
392/1/1	**116.7**
392/2/1	**116.7**
606/1/1	**101.9**
396/1/1	**100.8**
396/2/1	**100.8**
396/3/1	**100.8**
396/4/1	**100.8**
612/1/1	**100.1**
612/2/1	**100.1**
397/1/1	**91.0**
397/2/1	**91.0**
418/1/1	**82.8**
418/2/1	**82.8**
616/1/1	**82.4**
616/2/1	**82.4**
636/1/1	**81.9**
636/2/1	**81.9**
613/1/1	**79.6**
613/2/1	**79.6**
614/1/1	**73.9**
614/2/1	**73.9**
379/1/1	**71.7**
615/1/1	**69.2**
615/2/1	**69.2**
436/1/1	**68.3**
639/1/1	**64.8**
639/2/1	**64.8**
605/1/1	**61.4**
605/2/1	**61.4**
630/1/1	**54.9**
630/2/1	**54.9**
452/1/1	**54.4**
310/1/1	**43.0**
310/2/1	**43.0**
627/1/1	**43.0**
627/2/1	**43.0**
438/1/1	37.5
438/2/1	37.5

Table 21. Adults' consumption rates of potato from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Potato
438/3/1	37.5
316/1/1	36.5
609/1/1	36.4
614/5/1	34.8
614/9/1	34.8
307/1/1	32.8
307/2/1	32.8
307/3/1	32.8
406/6/1	31.2
406/7/1	31.2
638/1/1	29.9
638/2/1	29.9
614/3/1	29.6
614/4/1	29.6
406/1/1	26.9
639/3/1	25.9
403/1/1	25.0
403/2/1	25.0
393/1/1	23.2
393/2/1	23.2
603/1/1	22.8
603/2/1	22.8
603/3/1	22.8
616/6/1	20.6
616/7/1	20.6
406/2/1	20.2
406/3/1	20.2
406/4/1	20.2
638/3/1	19.9
638/4/1	19.9
638/5/1	19.9
616/3/1	18.3
616/4/1	18.3
604/1/1	18.2
604/2/1	18.2
604/3/1	18.2
604/4/1	18.2
627/8/1	18.0

Table 21. Adults' consumption rates of potato from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Potato
627/9/1	18.0
637/1/1	17.2
637/2/1	17.2
637/3/1	17.2
637/4/1	17.2
450/1/1	12.5
450/2/1	12.5
385/1/1	11.4
385/2/1	11.4
605/3/1	9.6
605/4/1	9.6
605/6/1	9.6
605/7/1	9.6
605/8/1	9.6
605/9/1	9.6
605/10/1	9.6
605/11/1	9.6
605/12/1	9.6
605/13/1	9.6
605/14/1	9.6
551/1/1	9.1
551/2/1	9.1
551/3/1	9.1
551/4/1	9.1
639/4/1	8.6
639/5/1	8.6
639/6/1	8.6
639/8/1	8.6
639/9/1	8.6
637/5/1	7.4
637/6/1	7.4
624/1/1	5.5
624/2/1	5.5
632/1/1	5.5
632/2/1	5.5
627/13/1	5.4
627/14/1	5.4
302/1/1	4.9

Table 21. Adults' consumption rates of potato from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Potato
302/2/1	4.9
388/1/1	4.5
388/2/1	4.5
627/3/1	4.5
627/4/1	4.5
627/5/1	4.5
293/1/1	2.3
293/2/1	2.3
293/3/1	2.3
636/3/1	2.0
636/4/1	2.0
608/1/1	1.6
608/2/1	1.6
456/1/1	1.3
456/2/1	1.3
456/4/1	1.3
456/5/1	1.3
456/6/1	1.3
456/7/1	1.3
456/8/1	1.3
455/1/1	1.0
455/2/1	1.0
455/3/1	1.0
455/4/1	1.0
632/3/1	0.7
632/4/1	0.7

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of potato for adults based on the 36 high-rate consumers is 77.5 kg y^{-1}

The observed 97.5th percentile rate based on 140 observations is 100.8 kg y^{-1}

Table 22. 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	Grapes	Greengage	Loganberry	Melon	Peach	Pear	Plum	Raspberry	Redcurrant	Rhubarb	Strawberry	Tayberry	White currant	Total
627/1/1	**37.5**	**-**	**-**	**-**	**5.0**	**-**	**5.0**	**2.5**	**-**	**-**	**1.0**	**-**	**8.8**	**1.3**	**9.2**	**-**	**1.0**	**2.5**	**-**	**-**	**73.7**
452/1/1	**11.3**	**-**	**2.3**	**-**	**-**	**-**	**10.2**	**-**	**-**	**-**	**-**	**-**	**7.9**	**9.1**	**3.4**	**2.3**	**2.3**	**9.1**	**-**	**2.3**	**60.1**
609/1/1	**6.4**	**-**	**-**	**-**	**4.5**	**11.3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9.1**	**-**	**-**	**2.3**	**10.9**	**-**	**-**	**44.5**
627/2/1	**7.5**	**-**	**-**	**-**	**5.0**	**-**	**5.0**	**2.5**	**-**	**-**	**1.0**	**-**	**8.8**	**1.3**	**9.2**	**-**	**1.0**	**2.5**	**-**	**-**	**43.7**
636/1/1	**22.7**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9.3**	**4.1**	**-**	**-**	**36.1**
636/2/1	**22.7**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9.3**	**4.1**	**-**	**-**	**36.1**
438/1/1	**14.7**	**-**	**5.3**	**-**	**0.7**	**-**	**-**	**-**	**0.9**	**-**	**-**	**-**	**-**	**3.0**	**2.6**	**-**	**1.2**	**2.3**	**-**	**-**	**30.8**
438/2/1	**14.7**	**-**	**5.3**	**-**	**0.7**	**-**	**-**	**-**	**0.9**	**-**	**-**	**-**	**-**	**3.0**	**2.6**	**-**	**1.2**	**2.3**	**-**	**-**	**30.8**
438/3/1	**14.7**	**-**	**5.3**	**-**	**0.7**	**-**	**-**	**-**	**0.9**	**-**	**-**	**-**	**-**	**3.0**	**2.6**	**-**	**1.2**	**2.3**	**-**	**-**	**30.8**
615/1/1	**-**	**-**	**-**	**-**	**-**	**-**	**4.1**	**-**	**-**	**-**	**-**	**-**	**-**	**4.5**	**-**	**-**	**4.6**	**16.3**	**-**	**-**	**29.5**
615/2/1	**-**	**-**	**-**	**-**	**-**	**-**	**4.1**	**-**	**-**	**-**	**-**	**-**	**-**	**4.5**	**-**	**-**	**4.6**	**16.3**	**-**	**-**	**29.5**
616/1/1	**-**	**7.2**	**5.1**	**-**	**-**	**-**	**1.2**	**-**	**-**	**4.8**	**-**	**-**	**-**	**-**	**5.3**	**2.7**	**-**	**-**	**-**	**2.7**	**29.0**
616/2/1	**-**	**7.2**	**5.1**	**-**	**-**	**-**	**1.2**	**-**	**-**	**4.8**	**-**	**-**	**-**	**-**	**5.3**	**2.7**	**-**	**-**	**-**	**2.7**	**29.0**
630/1/1	**-**	**-**	**-**	**-**	**-**	**-**	**2.3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5.9**	**-**	**6.9**	**10.2**	**-**	**-**	**25.2**
630/2/1	**-**	**-**	**-**	**-**	**-**	**-**	**2.3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5.9**	**-**	**6.9**	**10.2**	**-**	**-**	**25.2**
605/1/1	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	8.1	6.8	5.7	-	-	-	22.7
605/2/1	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	8.1	6.8	5.7	-	-	-	22.7
316/1/1	2.4	-	2.4	-	-	2.4	2.4	2.4	-	-	2.4	-	2.4	-	-	-	-	2.4	2.4	-	21.6
403/1/1	20.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.0
403/2/1	20.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.0
456/1/1	2.5	0.4	-	0.7	0.5	-	-	-	-	-	-	1.0	1.0	0.8	1.1	-	-	7.5	-	-	15.4
456/2/1	2.5	0.4	-	0.7	0.5	-	-	-	-	-	-	1.0	1.0	0.8	1.1	-	-	7.5	-	-	15.4
385/1/1	-	-	2.8	-	-	-	2.0	-	-	-	-	-	-	-	0.3	2.3	3.4	4.4	-	-	15.4
385/2/1	-	-	2.8	-	-	-	2.0	-	-	-	-	-	-	-	0.3	2.3	3.4	4.4	-	-	15.4
456/4/1	2.5	0.4	-	0.7	0.5	-	-	-	-	-	-	-	1.0	0.8	1.1	-	-	7.5	-	-	14.4
456/5/1	2.5	0.4	-	0.7	0.5	-	-	-	-	-	-	-	1.0	0.8	1.1	-	-	7.5	-	-	14.4
456/6/1	2.5	0.4	-	0.7	0.5	-	-	-	-	-	-	-	1.0	0.8	1.1	-	-	7.5	-	-	14.4
456/7/1	2.5	0.4	-	0.7	0.5	-	-	-	-	-	-	-	1.0	0.8	1.1	-	-	7.5	-	-	14.4
456/8/1	2.5	0.4	-	0.7	0.5	-	-	-	-	-	-	-	1.0	0.8	1.1	-	-	7.5	-	-	14.4
379/1/1	-	6.8	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	6.9	-	-	-	14.2
293/1/1	4.5	-	-	-	-	-	-	-	-	-	-	-	0.9	4.5	-	-	-	2.7	-	-	12.7
293/2/1	4.5	-	-	-	-	-	-	-	-	-	-	-	0.9	4.5	-	-	-	2.7	-	-	12.7
293/3/1	4.5	-	-	-	-	-	-	-	-	-	-	-	0.9	4.5	-	-	-	2.7	-	-	12.7
639/1/1	0.2	-	4.3	-	-	-	3.1	-	-	-	-	-	-	-	-	-	-	4.8	-	-	12.3
639/2/1	0.2	-	4.3	-	-	-	3.1	-	-	-	-	-	-	-	-	-	-	4.8	-	-	12.3
450/1/1	1.5	-	0.3	-	-	0.3	0.3	-	-	-	-	0.3	0.3	-	0.3	0.3	0.3	7.5	-	-	11.7
450/2/1	1.5	-	0.3	-	-	0.3	0.3	-	-	-	-	0.3	0.3	-	0.3	0.3	0.3	7.5	-	-	11.7
436/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.5	-	-	9.5
627/8/1	-	-	-	-	1.7	-	-	-	-	-	-	-	2.9	0.4	3.1	-	0.3	0.8	-	-	9.3
627/9/1	-	-	-	-	1.7	-	-	-	-	-	-	-	2.9	0.4	3.1	-	0.3	0.8	-	-	9.3

Table 22. 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	Grapes	Greengage	Loganberry	Melon	Peach	Pear	Plum	Raspberry	Redcurrant	Rhubarb	Strawberry	Tayberry	White currant	Total
638/1/1	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	2.8	-	-	9.1
638/2/1	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	2.8	-	-	9.1
637/1/1	-	-	-	-	0.5	-	2.1	-	-	-	-	-	-	-	2.4	1.6	-	2.4	-	-	8.9
637/2/1	-	-	-	-	0.5	-	2.1	-	-	-	-	-	-	-	2.4	1.6	-	2.4	-	-	8.9
637/3/1	-	-	-	-	-	-	2.1	-	-	-	-	-	-	-	2.4	1.6	-	2.4	-	-	8.5
637/4/1	-	-	-	-	-	-	2.1	-	-	-	-	-	-	-	2.4	1.6	-	2.4	-	-	8.5
393/1/1	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-	8.2
393/2/1	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-	8.2
616/6/1	-	1.8	1.3	-	-	-	0.3	-	-	1.2	-	-	-	-	1.3	0.7	-	-	-	0.7	7.3
616/7/1	-	1.8	1.3	-	-	-	0.3	-	-	1.2	-	-	-	-	1.3	0.7	-	-	-	0.7	7.3
613/1/1	-	0.7	-	-	-	-	0.7	-	-	-	-	-	-	-	2.3	-	3.4	-	-	-	7.1
616/3/1	-	1.6	1.1	-	-	-	0.3	-	-	1.1	-	-	-	-	1.2	0.6	-	-	-	0.6	6.4
616/4/1	-	1.6	1.1	-	-	-	0.3	-	-	1.1	-	-	-	-	1.2	0.6	-	-	-	0.6	6.4
613/2/1	-	0.7	-	-	-	-	0.7	-	-	-	-	-	-	-	1.4	-	3.4	-	-	-	6.2
302/1/1	0.2	-	-	-	-	-	0.5	-	-	-	-	-	-	0.5	4.5	0.5	-	-	-	-	6.1
302/2/1	0.2	-	-	-	-	-	0.5	-	-	-	-	-	-	0.5	4.5	0.5	-	-	-	-	6.1
638/3/1	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	1.9	-	-	6.1
638/4/1	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	1.9	-	-	6.1
638/5/1	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	1.9	-	-	6.1
396/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	5.7
396/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	5.7
396/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	5.7
396/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	5.7
604/1/1	-	-	-	-	-	-	1.1	-	-	1.1	-	-	-	-	1.1	-	-	2.3	-	-	5.7
604/2/1	-	-	-	-	-	-	1.1	-	-	1.1	-	-	-	-	1.1	-	-	2.3	-	-	5.7
604/3/1	-	-	-	-	-	-	1.1	-	-	1.1	-	-	-	-	1.1	-	-	2.3	-	-	5.7
604/4/1	-	-	-	-	-	-	1.1	-	-	1.1	-	-	-	-	1.1	-	-	2.3	-	-	5.7
639/3/1	-	-	1.7	-	-	-	1.2	-	-	-	-	-	-	-	-	-	-	1.9	-	-	4.8
637/5/1	-	-	-	-	-	-	0.9	-	-	-	-	-	-	-	1.0	0.7	-	1.0	-	-	3.6
637/6/1	-	-	-	-	-	-	0.9	-	-	-	-	-	-	-	1.0	0.7	-	1.0	-	-	3.6
608/1/1	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5
608/2/1	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5
632/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-	-	3.3
455/1/1	0.1	-	-	-	-	-	-	1.0	-	-	-	-	0.4	0.6	-	-	0.2	0.6	-	-	2.9
455/2/1	0.1	-	-	-	-	-	-	1.0	-	-	-	-	0.4	0.6	-	-	0.2	0.6	-	-	2.9
455/3/1	0.1	-	-	-	-	-	-	1.0	-	-	-	-	0.4	0.6	-	-	0.2	0.6	-	-	2.9
455/4/1	0.1	-	-	-	-	-	-	1.0	-	-	-	-	0.4	0.6	-	-	0.2	0.6	-	-	2.9
627/13/1	-	-	-	-	0.5	-	-	-	-	-	-	-	0.9	0.1	0.9	-	0.1	0.3	-	-	2.8
627/14/1	-	-	-	-	0.5	-	-	-	-	-	-	-	0.9	0.1	0.9	-	0.1	0.3	-	-	2.8
406/6/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	2.7

Table 22. 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	Grapes	Greengage	Loganberry	Melon	Peach	Pear	Plum	Raspberry	Redcurrant	Rhubarb	Strawberry	Tayberry	White currant	Total
406/7/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	2.7
627/3/1	-	-	-	-	0.4	-	-	-	-	-	-	-	0.7	0.1	0.8	-	0.1	0.2	-	-	2.3
627/4/1	-	-	-	-	0.4	-	-	-	-	-	-	-	0.7	0.1	0.8	-	0.1	0.2	-	-	2.3
627/5/1	-	-	-	-	0.4	-	-	-	-	-	-	-	0.7	0.1	0.8	-	0.1	0.2	-	-	2.3
406/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-	2.3
606/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-	2.3
397/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	2.3
397/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	2.3
406/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	1.7
406/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	1.7
406/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	1.7
634/1/1	0.5	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	0.5	-	0.3	-	-	-	1.7
634/2/1	0.5	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	0.5	-	0.3	-	-	-	1.7
634/3/1	0.5	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	0.5	-	0.3	-	-	-	1.7
634/4/1	0.5	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	0.5	-	0.3	-	-	-	1.7
639/4/1	-	-	0.6	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	0.6	-	-	1.6
639/5/1	-	-	0.6	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	0.6	-	-	1.6
639/6/1	-	-	0.6	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	0.6	-	-	1.6
639/8/1	-	-	0.6	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	0.6	-	-	1.6
639/9/1	-	-	0.6	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	0.6	-	-	1.6
418/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	0.8	-	-	1.6
418/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	0.8	-	-	1.6
388/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	0.7	0.5	-	-	1.6
388/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	0.7	0.5	-	-	1.6
612/1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	1.4
612/2/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	1.4
636/3/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-	-	0.4
636/4/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-	-	0.4

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of domestic fruit for adults based on the 15 high-rate consumers is 36.9 kg y^{-1}

The observed 97.5th percentile rate based on 108 observations is 44 kg y^{-1}

Table 23. Adults' consumption rates of cattle meat from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Beef
526/1/1	**23.6**
526/2/1	**23.6**
526/3/1	**23.6**
526/4/1	**23.6**
310/1/1	**21.3**
310/2/1	**21.3**
310/3/1	**21.3**
310/4/1	**21.3**
430/1/1	**10.4**
430/2/1	**10.4**
430/3/1	**10.4**
307/1/1	0.6
307/2/1	0.6
307/3/1	0.6

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of cattle meat for adults based on the 11 high-rate consumers is 19.2 kg y^{-1}

The observed 97.5th percentile rate based on 14 observations is 23.6 kg y^{-1}

Table 24. Adults' consumption rates of pig meat from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Pork
526/1/1	**26.1**
526/2/1	**26.1**
526/3/1	**26.1**
526/4/1	**26.1**
310/1/1	**11.4**
310/2/1	**11.4**
310/3/1	**11.4**
310/4/1	**11.4**

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of pig meat for adults based on the 8 high-rate consumers is 18.7 kg y^{-1}

The observed 97.5th percentile rate based on 8 observations is 26.1 kg y^{-1}

Table 25. Adults' consumption rates of sheep meat from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Lamb
418/1/1	**11.3**
418/2/1	**11.3**
310/1/1	**5.1**
310/2/1	**5.1**
310/3/1	**5.1**
310/4/1	**5.1**
526/1/1	2.8
526/2/1	2.8
526/3/1	2.8
526/4/1	2.8

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of sheep meat for adults based on the 6 high-rate consumers is 7.2 kg y^{-1}

The observed 97.5th percentile rate based on 10 observations is 11.3 kg y^{-1}

Table 26. Adults' consumption rates of poultry from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Partridge	Pheasant	Pigeon	Total
606/1/1	**-**	**10.8**	**-**	**10.8**
639/1/1	**-**	**3.1**	**2.8**	**5.9**
430/1/1	1.3	2.0	-	3.3
430/2/1	1.3	2.0	-	3.3
430/3/1	1.3	2.0	-	3.3
455/1/1	0.6	2.7	-	3.3
455/2/1	0.6	2.7	-	3.3
470/1/1	1.2	1.8	-	3.0
470/2/1	1.2	1.8	-	3.0
470/3/1	1.2	1.8	-	3.0
470/4/1	1.2	1.8	-	3.0
396/1/1	-	2.2	-	2.2
396/2/1	-	2.2	-	2.2
396/3/1	-	2.2	-	2.2
396/4/1	-	2.2	-	2.2
418/1/1	-	1.8	-	1.8
418/2/1	-	1.8	-	1.8
456/1/1	-	1.8	-	1.8
456/2/1	-	1.8	-	1.8
450/1/1	-	-	1.4	1.4
450/2/1	-	-	1.4	1.4
603/1/1	-	-	1.4	1.4
603/2/1	-	-	1.4	1.4
307/1/1	-	-	1.2	1.2
307/2/1	-	-	1.2	1.2
551/1/1	-	0.9	-	0.9
551/2/1	-	0.9	-	0.9
551/3/1	-	0.9	-	0.9
551/4/1	-	0.9	-	0.9
526/1/1	0.2	0.7	-	0.8
526/2/1	0.2	0.7	-	0.8
526/3/1	0.2	0.7	-	0.8
526/4/1	0.2	0.7	-	0.8
639/4/1	-	0.5	-	0.5
639/5/1	-	0.5	-	0.5
639/6/1	-	0.5	-	0.5
639/8/1	-	0.5	-	0.5
639/9/1	-	0.5	-	0.5

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of poultry for adults based on the 2 high-rate consumers is 8.4 kg y^{-1}

The observed 97.5th percentile rate based on 38 observations is 6.3 kg y^{-1}

Table 27. Adults' consumption rates of eggs from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Chicken egg	Duck egg	Goose egg	Total
617/1/1	**41.6**	**-**	**-**	**41.6**
630/1/1	**39.1**	**-**	**-**	**39.1**
630/2/1	**39.1**	**-**	**-**	**39.1**
418/1/1	**17.8**	**6.1**	**4.1**	**28.0**
418/2/1	**17.8**	**6.1**	**4.1**	**28.0**
603/1/1	**20.9**	**-**	**-**	**20.9**
603/2/1	**20.9**	**-**	**-**	**20.9**
603/3/1	**20.9**	**-**	**-**	**20.9**
293/1/1	**20.8**	**-**	**-**	**20.8**
293/2/1	**20.8**	**-**	**-**	**20.8**
293/3/1	**20.8**	**-**	**-**	**20.8**
616/1/1	**18.2**	**-**	**-**	**18.2**
616/2/1	**18.2**	**-**	**-**	**18.2**
302/1/1	**17.8**	**-**	**-**	**17.8**
302/2/1	**17.8**	**-**	**-**	**17.8**
456/1/1	**17.8**	**-**	**-**	**17.8**
456/2/1	**17.8**	**-**	**-**	**17.8**
616/6/1	**17.7**	**-**	**-**	**17.7**
616/7/1	**17.7**	**-**	**-**	**17.7**
616/3/1	**15.7**	**-**	**-**	**15.7**
616/4/1	**15.7**	**-**	**-**	**15.7**
605/1/1	13.4	-	-	13.4
605/2/1	13.4	-	-	13.4
380/1/1	13.0	-	-	13.0
551/1/1	11.9	-	-	11.9
551/2/1	11.9	-	-	11.9
551/3/1	11.9	-	-	11.9
551/4/1	11.9	-	-	11.9
617/2/1	11.9	-	-	11.9
388/1/1	8.9	-	-	8.9
388/2/1	8.9	-	-	8.9
403/1/1	8.9	-	-	8.9
403/2/1	8.9	-	-	8.9
450/1/1	8.9	-	-	8.9
450/2/1	8.9	-	-	8.9
638/1/1	8.9	-	-	8.9

Table 27. Adults' consumption rates of eggs from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Chicken egg	Duck egg	Goose egg	Total
638/2/1	8.9	-	-	8.9
379/1/1	6.8	-	-	6.8
301/1/1	4.1	-	-	4.1
301/2/1	4.1	-	-	4.1
615/1/1	2.1	-	-	2.1
615/2/1	2.1	-	-	2.1
632/1/1	2.1	-	-	2.1
632/2/1	2.1	-	-	2.1
455/1/1	1.8	-	-	1.8
455/2/1	1.8	-	-	1.8
455/3/1	1.8	-	-	1.8
455/4/1	1.8	-	-	1.8

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of eggs for adults based on the 21 high-rate consumers is 22.6 kg y^{-1}

The observed 97.5th percentile rate based on 48 observations is 39.1 kg y^{-1}

Table 28. Adults' consumption rates of wild/free foods from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Blackberry	Bullace plum	Chestnut	Damson	Elderberry	Elderflower	Hazel nut	Plum	Sloe	Total
385/1/1	**1.5**	**-**	**2.0**	**-**	**0.8**	**-**	**-**	**-**	**1.5**	**5.8**
293/1/1	**3.8**	**1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5.3**
293/2/1	**3.8**	**1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5.3**
293/3/1	**3.8**	**1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5.3**
631/1/1	**0.5**	**0.2**	**-**	**0.7**	**-**	**0.1**	**0.1**	**-**	**3.4**	**5.0**
631/2/1	**0.5**	**0.2**	**-**	**0.7**	**-**	**0.1**	**0.1**	**-**	**3.4**	**5.0**
403/1/1	**4.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4.5**
403/2/1	**4.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4.5**
388/1/1	**1.1**	**-**	**-**	**-**	**0.5**	**-**	**-**	**2.3**	**0.5**	**4.3**
388/2/1	**1.1**	**-**	**-**	**-**	**0.5**	**-**	**-**	**2.3**	**0.5**	**4.3**
438/2/1	**1.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.7**	**4.2**
385/2/1	**1.5**	**-**	**-**	**-**	**0.8**	**-**	**-**	**-**	**1.5**	**3.8**
609/1/1	**2.9**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.9**
630/1/1	**2.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**
630/2/1	**2.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.5**
615/1/1	**2.3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.3**
615/2/1	**2.3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.3**
624/1/1	-	-	-	-	-	-	-	1.8	-	1.8
624/2/1	-	-	-	-	-	-	-	1.8	-	1.8
604/1/1	1.7	-	-	-	-	-	-	-	-	1.7
604/2/1	1.7	-	-	-	-	-	-	-	-	1.7
604/3/1	1.7	-	-	-	-	-	-	-	-	1.7
604/4/1	1.7	-	-	-	-	-	-	-	-	1.7
455/1/1	0.6	-	-	-	-	-	-	-	1.0	1.6
455/2/1	0.6	-	-	-	-	-	-	-	1.0	1.6
455/3/1	0.6	-	-	-	-	-	-	-	1.0	1.6
455/4/1	0.6	-	-	-	-	-	-	-	1.0	1.6
438/1/1	1.5	-	-	-	-	-	-	-	-	1.5
438/3/1	1.5	-	-	-	-	-	-	-	-	1.5
450/1/1	1.5	-	-	-	-	-	-	-	-	1.5
450/2/1	1.5	-	-	-	-	-	-	-	-	1.5
418/1/1	1.5	-	-	-	-	-	-	-	-	1.5
418/2/1	1.5	-	-	-	-	-	-	-	-	1.5
627/1/1	1.3	-	-	-	-	-	-	-	-	1.3
627/2/1	1.3	-	-	-	-	-	-	-	-	1.3

Table 28. Adults' consumption rates of wild/free foods from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Blackberry	Bullace plum	Chestnut	Damson	Elderberry	Elderflower	Hazel nut	Plum	Sloe	Total
302/1/1	1.1	-	-	-	-	-	-	-	-	1.1
302/2/1	1.1	-	-	-	-	-	-	-	-	1.1
311/1/1	0.9	-	-	0.2	-	-	-	-	-	1.1
605/1/1	1.1	-	-	-	-	-	-	-	-	1.1
605/2/1	1.1	-	-	-	-	-	-	-	-	1.1
639/1/1	1.1	-	-	-	-	-	-	-	-	1.1
639/2/1	1.1	-	-	-	-	-	-	-	-	1.1
396/1/1	1.0	-	-	-	-	-	-	-	-	1.0
396/2/1	1.0	-	-	-	-	-	-	-	-	1.0
396/3/1	1.0	-	-	-	-	-	-	-	-	1.0
396/4/1	1.0	-	-	-	-	-	-	-	-	1.0
456/1/1	0.5	-	-	-	-	-	-	-	0.5	1.0
456/2/1	0.5	-	-	-	-	-	-	-	0.5	1.0
297/1/1	0.9	-	-	-	-	-	-	-	-	0.9
637/1/1	0.5	-	-	-	-	-	0.5	-	-	0.9
637/2/1	0.5	-	-	-	-	-	0.5	-	-	0.9
307/1/1	0.8	-	-	-	-	-	-	-	-	0.8
307/2/1	0.8	-	-	-	-	-	-	-	-	0.8
307/3/1	0.8	-	-	-	-	-	-	-	-	0.8
526/1/1	0.5	-	-	-	-	-	-	-	-	0.5
526/2/1	0.5	-	-	-	-	-	-	-	-	0.5
526/3/1	0.5	-	-	-	-	-	-	-	-	0.5
526/4/1	0.5	-	-	-	-	-	-	-	-	0.5
617/1/1	-	-	0.5	-	-	-	-	-	-	0.5
634/1/1	0.5	-	-	-	-	-	-	-	-	0.5
634/2/1	0.5	-	-	-	-	-	-	-	-	0.5
634/3/1	0.5	-	-	-	-	-	-	-	-	0.5
634/4/1	0.5	-	-	-	-	-	-	-	-	0.5
430/1/1	0.5	-	-	-	-	-	-	-	-	0.5
430/2/1	0.5	-	-	-	-	-	-	-	-	0.5
430/3/1	0.5	-	-	-	-	-	-	-	-	0.5
627/8/1	0.4	-	-	-	-	-	-	-	-	0.4
627/9/1	0.4	-	-	-	-	-	-	-	-	0.4
310/1/1	0.3	-	-	-	-	-	-	-	-	0.3
310/2/1	0.3	-	-	-	-	-	-	-	-	0.3

Table 28. Adults' consumption rates of wild/free foods from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Blackberry	Bullace plum	Chestnut	Damson	Elderberry	Elderflower	Hazel nut	Plum	Sloe	Total
551/1/1	0.2	-	-	-	-	-	-	-	-	0.2
551/2/1	0.2	-	-	-	-	-	-	-	-	0.2
551/3/1	0.2	-	-	-	-	-	-	-	-	0.2
551/4/1	0.2	-	-	-	-	-	-	-	-	0.2
470/1/1	0.2	-	-	-	-	-	-	-	-	0.2
470/2/1	0.2	-	-	-	-	-	-	-	-	0.2
470/3/1	0.2	-	-	-	-	-	-	-	-	0.2
470/4/1	0.2	-	-	-	-	-	-	-	-	0.2
627/13/1	0.1	-	-	-	-	-	-	-	-	0.1
627/14/1	0.1	-	-	-	-	-	-	-	-	0.1
627/3/1	0.1	-	-	-	-	-	-	-	-	0.1
627/4/1	0.1	-	-	-	-	-	-	-	-	0.1
627/5/1	0.1	-	-	-	-	-	-	-	-	0.1
376/1/1	0.1	-	-	-	-	-	-	-	-	0.1
376/2/1	0.1	-	-	-	-	-	-	-	-	0.1

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of wild/free foods for adults based on the 17 high-rate consumers is 4.1 kg y^{-1}

The observed 97.5th percentile rate based on 85 observations is 5.3 kg y^{-1}

Table 29. Adults' consumption rates of rabbits/hares from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Rabbit
603/1/1	**2.7**
603/2/1	**2.7**
551/1/1	0.4
430/1/1	0.3
430/2/1	0.3
430/3/1	0.3
526/1/1	0.3
526/2/1	0.3
526/3/1	0.3
526/4/1	0.3
470/1/1	0.2
470/2/1	0.2
470/3/1	0.2
470/4/1	0.2

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of rabbits/hares for adults based on the 2 high-rate consumers is 2.7 kg y^{-1}

The observed 97.5th percentile rate based on 14 observations is 2.7 kg y^{-1}

Table 30. Adults' consumption rates of honey from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Honey
316/1/1	**10.9**
316/2/1	**10.9**
438/4/1	1.8
438/1/1	1.2
438/2/1	1.2
438/3/1	1.2
313/1/1	1.1
430/1/1	0.3
430/2/1	0.3
430/3/1	0.3

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of honey for adults based on the 2 high-rate consumers is 10.9 kg y^{-1}

The observed 97.5th percentile rate based on 10 observations is 10.9 kg y^{-1}

Table 31. Adults' consumption rates of wild fungi from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Mushrooms
617/1/1	**0.9**
450/1/1	**0.5**
450/2/1	**0.5**

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of wild fungi for adults based on the 3 high-rate consumers is 0.6 kg y^{-1}

The observed 97.5th percentile rate based on 3 observations is 0.9 kg y^{-1}

Table 32. Adults' consumption rates of venison from the Sizewell terrestrial survey area (kg y^{-1})

Person ID number	Venison
470/1/1	**31.8**
470/2/1	**31.8**
470/3/1	**31.8**
470/4/1	**31.8**
526/1/1	9.1
526/2/1	9.1
526/3/1	9.1
526/4/1	9.1
450/1/1	2.8
450/2/1	2.8
430/1/1	1.5
430/2/1	1.5
430/3/1	1.5

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of venison for adults based on the 4 high-rate consumers is 31.8 kg y^{-1}

The observed 97.5th percentile rate based on 13 observations is 31.8 kg y^{-1}

Table 33. Children's and infants' consumption rates of green vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Asparagus	Broccoli	Brussel sprout	Cabbage	Cauliflower	Courgette	Cucumber	Herbs	Lettuce	Marrow	Spinach	Total
627/10/1	**7**	**-**	**-**	**-**	**6.0**	**-**	**-**	**9.6**	**-**	**0.9**	**-**	**-**	**16.5**
605/5/1	**13**	**-**	**2.8**	**-**	**4.6**	**-**	**6.2**	**-**	**-**	**1.5**	**-**	**-**	**15.1**
605/15/1	**9**	**-**	**2.1**	**-**	**3.4**	**-**	**4.6**	**-**	**-**	**1.1**	**-**	**-**	**11.3**
455/5/1	**12**	**0.2**	**1.6**	**-**	**5.1**	**-**	**-**	**-**	**0.4**	**1.2**	**-**	**-**	**8.5**
627/15/1	**15**	**-**	**-**	**-**	**2.4**	**-**	**-**	**3.8**	**-**	**0.3**	**-**	**-**	**6.6**
627/16/1	**10**	**-**	**-**	**-**	**2.4**	**-**	**-**	**3.8**	**-**	**0.3**	**-**	**-**	**6.6**
627/6/1	**13**	**-**	**-**	**-**	**2.0**	**-**	**-**	**3.2**	**-**	**0.3**	**-**	**-**	**5.5**
456/3/1	14	-	2.0	1.2	1.6	-	-	-	-	-	-	-	4.8
456/9/1	14	-	2.0	1.2	1.6	-	-	-	-	-	-	-	4.8
456/10/1	11	-	2.0	1.2	1.6	-	-	-	-	-	-	-	4.8
627/7/1	7	-	-	-	1.5	-	-	2.4	-	0.2	-	-	4.1
614/6/1	8	-	-	-	2.0	-	-	-	-	1.0	-	-	3.0
614/7/1	6	-	-	-	2.0	-	-	-	-	1.0	-	-	3.0
614/8/1	10	-	-	-	2.0	-	-	-	-	1.0	-	-	3.0
406/5/1	13	-	-	-	1.3	1.0	-	-	-	-	-	-	2.3
636/7/1	12	-	0.1	-	0.5	0.3	0.2	-	-	-	-	-	1.2
636/5/1	9	-	0.1	-	0.4	0.2	0.2	-	-	-	-	-	0.9
636/6/1	10	-	0.1	-	0.4	0.2	0.2	-	-	-	-	-	0.9
639/7/1	14	-	-	-	-	-	-	-	-	0.2	-	-	0.2

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of green vegetables for the child age group based on the 7 high-rate consumers is 10 kg y^{-1}

The observed 97.5th percentile rate based on 19 observations is 15.9 kg y^{-1}

Infant age group (0 - 5 years old)

Person ID number	Age	Asparagus	Broccoli	Brussel sprout	Cabbage	Cauliflower	Courgette	Cucumber	Herbs	Lettuce	Marrow	Spinach	Total
627/11/1	**5**	**-**	**-**	**-**	**4.0**	**-**	**-**	**6.4**	**-**	**0.6**	**-**	**-**	**11.0**
627/12/1	**2**	**-**	**-**	**-**	**2.7**	**-**	**-**	**4.2**	**-**	**0.4**	**-**	**-**	**7.3**
616/5/1	1	-	-	-	0.4	-	0.3	1.0	-	0.3	0.2	0.1	2.3
406/8/1	2	-	-	-	0.7	0.5	-	-	-	-	-	-	1.2
406/9/1	1	-	-	-	0.5	0.4	-	-	-	-	-	-	0.9

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of green vegetables for the infant age group based on the 2 high-rate consumers is 9.1 kg y^{-1}

The observed 97.5th percentile rate based on 5 observations is 10.6 kg y^{-1}

Table 34. Children's and infants' consumption rates of other vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Broad bean	French bean	Pea	Pepper	Runner bean	Squash	Sweetcorn	Tomato	Total
614/6/1	**8**	**6.0**	**0.6**	**2.0**	**-**	**0.7**	**-**	**-**	**-**	**9.4**
614/7/1	**6**	**6.0**	**0.6**	**2.0**	**-**	**0.7**	**-**	**-**	**-**	**9.4**
614/8/1	**10**	**6.0**	**0.6**	**2.0**	**-**	**0.7**	**-**	**-**	**-**	**9.4**
605/5/1	**13**	**4.0**	**-**	**0.5**	**-**	**2.7**	**-**	**0.5**	**-**	**7.6**
627/10/1	**7**	**-**	**1.3**	**1.1**	**0.4**	**1.7**	**-**	**0.4**	**1.0**	**6.0**
605/15/1	**9**	**3.0**	**-**	**0.3**	**-**	**2.0**	**-**	**0.4**	**-**	**5.7**
456/3/1	**14**	**1.2**	**0.9**	**-**	**-**	**1.8**	**-**	**0.6**	**-**	**4.5**
456/9/1	**14**	**1.2**	**0.9**	**-**	**-**	**1.8**	**-**	**0.6**	**-**	**4.5**
456/10/1	**11**	**1.2**	**0.9**	**-**	**-**	**1.8**	**-**	**0.6**	**-**	**4.5**
639/7/1	**14**	**1.2**	**0.5**	**1.3**	**-**	**0.7**	**-**	**0.7**	**-**	**4.4**
406/5/1	**13**	**1.7**	**0.7**	**1.1**	**-**	**0.8**	**-**	**-**	**-**	**4.3**
627/15/1	15	-	0.5	0.4	0.1	0.7	-	0.2	0.4	2.4
627/16/1	10	-	0.5	0.4	0.1	0.7	-	0.2	0.4	2.4
627/6/1	13	-	0.4	0.4	0.1	0.6	-	0.1	0.3	2.0
627/7/1	7	-	0.3	0.3	0.1	0.4	-	0.1	0.3	1.5
636/7/1	12	-	-	0.3	-	-	-	0.1	0.4	0.7
636/5/1	9	-	-	0.2	-	-	-	0.1	0.3	0.6
636/6/1	10	-	-	0.2	-	-	-	0.1	0.3	0.6

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of other vegetables for the child age group based on the 11 high-rate consumers is 6.3 kg y^{-1}

The observed 97.5th percentile rate based on 18 observations is 9.4 kg y^{-1}

Infant age group (0 - 5 years old)

Person ID number	Age	Broad bean	French bean	Pea	Pepper	Runner bean	Squash	Sweetcorn	Tomato	Total
627/11/1	**5**	**-**	**0.9**	**0.7**	**0.2**	**1.1**	**-**	**0.3**	**0.7**	**4.0**
616/5/1	**1**	**-**	**0.2**	**0.6**	**0.1**	**0.7**	**0.2**	**0.1**	**1.0**	**2.9**
627/12/1	**2**	**-**	**0.6**	**0.5**	**0.2**	**0.7**	**-**	**0.2**	**0.4**	**2.6**
406/8/1	**2**	**0.9**	**0.3**	**0.6**	**-**	**0.4**	**-**	**-**	**-**	**2.2**
406/9/1	**1**	**0.7**	**0.3**	**0.4**	**-**	**0.3**	**-**	**-**	**-**	**1.7**

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of other vegetables for the infant age group based on the 5 high-rate consumers is 2.7 kg y^{-1}

The observed 97.5th percentile rate based on 5 observations is 3.9 kg y^{-1}

Table 35. Children's and infants' consumption rates of root vegetables from the Sizewell terrestrial survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Beetroot	Carrot	Celery	Chicory root	Kohl rabi	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Sweet potato	Turnip	Total
614/6/1	**8**	**0.5**	**-**	**-**	**-**	**-**	**-**	**5.6**	**-**	**-**	**4.6**	**0.4**	**-**	**-**	**0.6**	**11.7**
614/7/1	**6**	**0.5**	**-**	**-**	**-**	**-**	**-**	**5.6**	**-**	**-**	**4.6**	**0.4**	**-**	**-**	**0.6**	**11.7**
614/8/1	**10**	**0.5**	**-**	**-**	**-**	**-**	**-**	**5.6**	**-**	**-**	**4.6**	**0.4**	**-**	**-**	**0.6**	**11.7**
605/5/1	**13**	**2.2**	**1.8**	**1.1**	**0.6**	**-**	**0.4**	**-**	**0.7**	**0.05**	**0.2**	**-**	**2.8**	**-**	**-**	**9.8**
627/10/1	**7**	**-**	**1.1**	**-**	**0.1**	**0.8**	**0.4**	**3.1**	**3.1**	**0.1**	**-**	**0.7**	**-**	**-**	**-**	**9.5**
605/15/1	**9**	**1.7**	**1.4**	**0.8**	**0.4**	**-**	**0.3**	**-**	**0.5**	**0.04**	**0.1**	**-**	**2.1**	**-**	**-**	**7.3**
639/7/1	**14**	**0.5**	**0.2**	**-**	**-**	**-**	**1.5**	**4.5**	**-**	**-**	**0.6**	**-**	**-**	**-**	**-**	**7.3**
627/15/1	15	-	0.4	-	0.1	0.3	0.2	1.2	1.2	0.1	-	0.3	-	-	-	3.8
627/16/1	10	-	0.4	-	0.1	0.3	0.2	1.2	1.2	0.1	-	0.3	-	-	-	3.8
455/5/1	12	-	-	-	-	-	1.4	1.8	-	-	-	-	-	-	-	3.2
627/6/1	13	-	0.4	-	0.05	0.3	0.1	1.0	1.0	0.05	-	0.2	-	-	-	3.2
406/5/1	13	0.6	0.6	-	-	-	1.1	-	0.9	-	-	-	-	-	-	3.1
627/7/1	7	-	0.3	-	0.03	0.2	0.1	0.8	0.8	0.03	-	0.2	-	-	-	2.4
456/3/1	14	-	1.2	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4
456/9/1	14	-	1.2	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4
456/10/1	11	-	1.2	-	-	-	1.2	-	-	-	-	-	-	-	-	2.4
636/7/1	12	0.08	0.8	-	-	-	-	0.2	0.2	-	-	-	-	0.1	-	1.3
636/5/1	9	0.06	0.6	-	-	-	-	0.1	0.1	-	-	-	-	0.1	-	1.0
636/6/1	10	0.06	0.6	-	-	-	-	0.1	0.1	-	-	-	-	0.1	-	1.0

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of root vegetables for the child age group based on the 7 high-rate consumers is 9.9 kg y^{-1}

The observed 97.5th percentile rate based on 19 observations is 11.7 kg y^{-1}

Infant age group (0 - 5 years old)

Person ID number	Age	Beetroot	Carrot	Celery	Chicory root	Kohl rabi	Leek	Onion	Parsnip	Radish	Shallot	Spring onion	Swede	Sweet potato	Turnip	Total
627/11/1	**5**	**-**	**0.7**	**-**	**0.1**	**0.6**	**0.3**	**2.1**	**2.1**	**0.1**	**-**	**0.5**	**-**	**-**	**-**	**6.4**
627/12/1	**2**	**-**	**0.5**	**-**	**0.1**	**0.4**	**0.2**	**1.4**	**1.4**	**0.1**	**-**	**0.3**	**-**	**-**	**-**	**4.2**
616/5/1	1	0.3	0.2	-	-	-	-	0.5	-	0.1	0.2	0.1	0.5	-	-	1.9
406/8/1	2	0.3	0.3	-	-	-	0.6	-	0.5	-	-	-	-	-	-	1.6
406/9/1	1	0.2	0.2	-	-	-	0.4	-	0.3	-	-	-	-	-	-	1.2

Notes

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 5.3 kg y^{-1}

The observed 97.5th percentile rate based on 5 observations is 6.1 kg y^{-1}

Table 36. Children's and infants' consumption rates of potato from the Sizewell terrestrial survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Potato
614/6/1	**8**	**26.1**
614/7/1	**6**	**26.1**
614/8/1	**10**	**26.1**
406/5/1	**13**	**20.2**
627/10/1	**7**	**13.5**
605/5/1	**13**	**9.6**
639/7/1	14	8.6
605/15/1	9	7.2
627/15/1	15	5.4
627/16/1	10	5.4
627/6/1	13	4.5
627/7/1	7	3.4
636/7/1	12	2.0
636/5/1	9	1.5
636/6/1	10	1.5
456/3/1	14	1.3
456/9/1	14	1.3
456/10/1	11	1.3
455/5/1	12	1.0

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of potato for the child age group based on the 6 high-rate consumers is 20.3 kg y^{-1}

The observed 97.5th percentile rate based on 19 observations is 26.1 kg y^{-1}

Infant age group (0 - 5 years old)

Person ID number	Age	Potato
406/8/1	**2**	**10.3**
627/11/1	**5**	**9.0**
406/9/1	**1**	**7.8**
627/12/1	**2**	**5.9**
616/5/1	**1**	**4.6**

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of potato for the infant age group based on the 5 high-rate consumers is 7.5 kg y^{-1}

The observed 97.5th percentile rate based on 5 observations is 10.2 kg y^{-1}

Table 37. Children's and infants' consumption rates of domestic fruit from the Sizewell terrestrial survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Apple	Blackberry	Blackcurrant	Blueberry	Cherry	Gooseberry	Grapes	Loganberry	Pear	Plum	Raspberry	Redcurrant	Rhubarb	Strawberry	White currant	Total
456/3/1	**14**	**2.5**	**0.4**	**-**	**0.7**	**0.5**	**-**	**-**	**-**	**1.0**	**0.8**	**1.1**	**-**	**-**	**7.5**	**-**	**14.4**
456/9/1	**14**	**2.5**	**0.4**	**-**	**0.7**	**0.5**	**-**	**-**	**-**	**1.0**	**0.8**	**1.1**	**-**	**-**	**7.5**	**-**	**14.4**
456/10/1	**11**	**2.5**	**0.4**	**-**	**0.7**	**0.5**	**-**	**-**	**-**	**1.0**	**0.8**	**1.1**	**-**	**-**	**7.5**	**-**	**14.4**
627/10/1	**7**	**-**	**-**	**-**	**-**	**1.3**	**-**	**-**	**-**	**2.2**	**0.3**	**2.3**	**-**	**0.3**	**0.6**	**-**	**7.0**
455/5/1	12	0.1	-	-	-	-	-	1.0	-	0.4	0.6	-	-	0.2	0.6	-	2.9
627/15/1	15	-	-	-	-	0.5	-	-	-	0.9	0.1	0.9	-	0.1	0.3	-	2.8
627/16/1	10	-	-	-	-	0.5	-	-	-	0.9	0.1	0.9	-	0.1	0.3	-	2.8
627/6/1	13	-	-	-	-	0.4	-	-	-	0.7	0.1	0.8	-	0.1	0.2	-	2.3
627/7/1	7	-	-	-	-	0.3	-	-	-	0.6	0.1	0.6	-	0.1	0.2	-	1.7
406/5/1	13	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	1.7
639/7/1	14	-	-	0.6	-	-	0.4	-	-	-	-	-	-	-	0.6	-	1.6
636/7/1	12	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-	0.4
636/5/1	9	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-	0.3
636/6/1	10	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-	0.3

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of domestic fruit for the child age group based on the 4 high-rate consumers is 12.5 kg y^{-1}

The observed 97.5th percentile rate based on 14 observations is 14.4 kg y^{-1}

Infant age group (0 - 5 years old)

Person ID number	Age	Apple	Blackberry	Blackcurrant	Blueberry	Cherry	Gooseberry	Grapes	Loganberry	Pear	Plum	Raspberry	Redcurrant	Rhubarb	Strawberry	White currant	Total
627/11/1	**5**	**-**	**-**	**-**	**-**	**0.8**	**-**	**-**	**-**	**1.5**	**0.2**	**1.5**	**-**	**0.2**	**0.4**	**-**	**4.6**
627/12/1	**2**	**-**	**-**	**-**	**-**	**0.6**	**-**	**-**	**-**	**1.0**	**0.1**	**1.0**	**-**	**0.1**	**0.3**	**-**	**3.1**
616/5/1	**1**	**-**	**0.4**	**0.3**	**-**	**-**	**0.1**	**-**	**0.3**	**-**	**-**	**0.3**	**0.2**	**-**	**-**	**0.2**	**1.6**
406/8/1	2	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-	-	0.9
406/9/1	1	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-	-	0.7

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of domestic fruit for the infant age group based on the 3 high-rate consumers is 3.1 kg y^{-1}

The observed 97.5th percentile rate based on 5 observations is 4.5 kg y^{-1}

Table 38. Children's and infants' consumption rates of poultry from the Sizewell terrestrial survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Pheasant
639/7/1	14	0.5

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of poultry for the child age group based on the 1 high-rate consumer is 0.5 kg y^{-1}

The observed 97.5th percentile is not applicable for 1 observation

Infant age group (0 - 5 years old)

No consumption data obtained for this food group.

Table 39. Children's and infants' consumption rates of eggs from the Sizewell terrestrial survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Chicken egg
455/5/1	**12**	**1.8**

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of eggs for the child age group based on the 1 high-rate consumer is 1.8 kg y^{-1}

The observed 97.5th percentile is not applicable for 1 observation

Infant age group (0 - 5 years old)

Person ID number	Age	Chicken egg
616/5/1	**1**	**3.9**

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of eggs for the infant age group based on the 1 high-rate consumer is 3.9 kg y^{-1}

The observed 97.5th percentile is not applicable for 1 observation

Table 40. Children's and infants' consumption rates of wild/free foods from the Sizewell terrestrial survey area (kg y^{-1})

Child age group (6 - 15 years old)

Person ID number	Age	Blackberry	Sloe	Total
455/5/1	**12**	**0.6**	**1.0**	**1.6**
614/6/1	**8**	**0.9**	**-**	**0.9**
614/7/1	**6**	**0.9**	**-**	**0.9**
614/8/1	**10**	**0.9**	**-**	**0.9**
627/10/1	7	0.3	-	0.3
627/15/1	15	0.1	-	0.1
627/16/1	10	0.1	-	0.1
627/6/1	13	0.1	-	0.1
627/7/1	7	0.1	-	0.1

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of wild/free foods for the child age group based on the 4 high-rate consumers is 1.1 kg y^{-1}

The observed 97.5th percentile rate based on 9 observations is 1.5 kg y^{-1}

Infant age group (0 - 5 years old)

Person ID number	Age	Blackberry	Sloe	Total
627/11/1	**5**	**0.2**	**-**	**0.2**
627/12/1	**2**	**0.1**	**-**	**0.1**

Notes

Emboldened observations are the high-rate consumers

The mean consumption rate of wild/free foods for the infant age group based on the 2 high-rate consumers is 0.2 kg y^{-1}

The observed 97.5th percentile rate based on 2 observations is 0.2 kg y^{-1}

Table 41. Percentage contribution each food type makes to its terrestrial food group for adults

Green vegetables	
Cabbage	28.8 %
Courgette	16.9 %
Broccoli	11.2 %
Lettuce	9.3 %
Cucumber	8.3 %
Cauliflower	6.6 %
Kale	5.4 %
Brussel sprout	3.5 %
Calabrese	3.1 %
Marrow	2.7 %
Spinach	2.3 %
Chard	1.3 %
Rocket	0.3 %
Asparagus	0.3 %
Herbs	0.1 %
Artichoke	0.1 %

Other vegetables	
Runner bean	22.2 %
Broad bean	21.3 %
Pea	20.7 %
Tomato	16.8 %
French bean	8.8 %
Sweetcorn	4.6 %
Squash	4.2 %
Pepper	1.0 %
Aubergine	0.3 %
Pumpkin	0.1 %

Root vegetables	
Onion	26.6 %
Carrot	14.9 %
Beetroot	13.3 %
Leek	11.3 %
Parsnip	10.0 %
Swede	9.7 %
Shallot	7.8 %
Turnip	2.1 %
Spring onion	1.0 %
Celery	0.9 %
Radish	0.7 %
Garlic	0.5 %
Chicory root	0.5 %
Kohl rabi	0.4 %
Sweet potato	0.3 %

Potato	
Potato	100.0 %

Domestic fruit	
Strawberry	21.0 %
Apple	19.3 %
Rhubarb	13.7 %
Raspberry	10.5 %
Gooseberry	6.2 %
Plum	5.2 %
Blackcurrant	4.7 %
Pear	4.1 %
Blackberry	4.0 %
Redcurrant	3.1 %
Cherry	2.2 %
Loganberry	1.5 %
Fig	1.2 %
Grapes	0.9 %
White currant	0.9 %
Blueberry	0.4 %
Melon	0.4 %
Greengage	0.2 %
Peach	0.2 %
Tayberry	0.2 %

Cattle meat	
Beef	100.0 %

Pig meat	
Pork	100.0 %

Sheep meat	
Lamb	100.0 %

Poultry	
Pheasant	73.0 %
Pigeon	13.6 %
Partridge	13.4 %

Eggs	
Chicken egg	97.0 %
Duck egg	1.8 %
Goose egg	1.2 %

Wild/free foods	
Blackberry	68.8 %
Sloe	14.6 %
Plum	6.5 %
Bullace plum	4.0 %
Chestnut	1.9 %
Elderberry	1.9 %
Damson	1.3 %
Hazel nut	0.9 %
Elderflower	0.2 %

Rabbits/hares	
Rabbit	100.0 %

Honey	
Honey	100.0 %

Wild fungi	
Mushrooms	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 42. Direct radiation occupancy rates for adults, children and infants in the Sizewell area (h y^{-1})

Person ID number	Gender	Age	Main activity	Indoor occupancy	Outdoor occupancy	Total occupancy
Within the nuclear licensed site area						
560/1/1	M	U	Working	950	950	1900
560/2/1	M	U	Working	570	570	1140
0 to 0.25 km zone						
293/1/1	F	68	Residing	7025	1371	8395
293/2/1	M	70	Residing	7025	1371	8395
292/1/1	F	69	Residing	7430	912	8343
551/1/1	M	61	Residing and working (fishing)	3754	4380	8134
311/1/1	F	55	Residing and working	6192	732	6924
293/3/1	M	21	Residing	6491	91	6582
551/2/1	F	67	Residing	3546	1460	5006
551/3/1	M	29	Residing	3546	1460	5006
551/4/1	F	29	Residing and working	3546	1460	5006
341/1/1	M	48	Working	1824	96	1920
551/5/1	M	U	Working (fishing)	0	1877	1877
341/2/1	F	U	Working	760	40	800
399/1/1	M	68	Attending to boat and fishing gear	0	540	540
399/2/1	M	63	Attending to boat and fishing gear	0	540	540
341/3/1	F	U	Working	456	24	480
341/4/1	F	U	Working	456	24	480
365/1/1	F	60	Dog walking	0	365	365
366/1/1	F	58	Dog walking	0	365	365
371/1/1	F	37	Dog walking	0	313	313
632/1/1	M	55	Dog walking	0	300	300
368/1/1	F	27	Dog walking	0	274	274
369/1/1	F	59	Dog walking	0	243	243
372/1/1	F	51	Dog walking	0	209	209
376/1/1	F	51	Dog walking	0	208	208
363/1/1	F	38	Dog walking	0	156	156
370/1/1	M	68	Walking	0	104	104
370/2/1	F	66	Walking	0	104	104
362/1/1	M	64	Dog walking	0	84	84
400/1/1	M	53	Attending to boat and fishing gear	0	44	44
367/1/1	M	49	Angling	0	36	36
367/2/1	M	42	Angling	0	36	36
430/1/1	M	50	Dog walking	0	32	32
615/1/1	M	61	Dog walking	0	12	12
615/2/1	F	59	Dog walking	0	12	12
631/1/1	M	47	Walking	0	10	10
631/2/1	F	47	Walking	0	10	10
630/1/1	M	64	Walking	0	6	6
630/2/1	F	50	Walking	0	6	6
>0.25 to 0.5 km zone						
314/1/1	M	U	Residing and working	8292	417	8709
403/1/1	F	53	Residing	7887	402	8290
297/1/1	F	73	Residing	6685	1554	8239
522/1/1	F	73	Residing	6521	1144	7665
314/2/1	F	U	Residing and working	7151	49	7199
314/3/1	F	U	Working	1160	40	1200
385/1/1	F	40	Dog walking	0	586	586
627/1/1	M	64	Dog walking	0	562	562
604/1/1	F	48	Dog walking	0	456	456
604/2/1	M	48	Dog walking	0	274	274
604/3/1	M	16	Dog walking	0	274	274
627/2/1	F	56	Dog walking	0	204	204
>0.5 to 1.0 km zone						
436/1/1	M	77	Residing	7420	1200	8620
450/2/1	F	66	Residing	7876	640	8516
301/1/1	M	51	Residing	6551	1825	8376
301/2/1	F	49	Residing	6455	1825	8280
450/1/1	M	74	Residing	6297	1918	8215
455/3/1	M	22	Residing	7535	548	8082
455/4/1	F	23	Residing	7535	548	8082
609/1/1	F	67	Residing	7179	698	7877
302/1/1	F	58	Residing	6626	1096	7722
302/2/1	M	63	Residing	6626	1096	7722
455/1/1	F	47	Residing	6925	332	7257
448/1/1	F	60	Residing and working	6502	433	6935
448/2/1	M	70	Residing and working	6502	433	6935
527/1/1	F	56	Residing and working	6270	566	6836
527/2/1	M	55	Residing and working	6270	566	6836
527/3/1	F	U	Residing and working	6270	566	6836

Table 42. Direct radiation occupancy rates for adults, children and infants in the Sizewell area (h y^{-1})

Person ID number	Gender	Age	Main activity	Indoor occupancy	Outdoor occupancy	Total occupancy
527/4/1	M	U	Residing and working	6270	566	6836
455/5/1	M	12	Residing	5495	664	6159
617/1/1	M	47	Residing	3874	2192	6066
617/2/1	F	55	Residing	4970	1096	6066
447/2/1	M	31	Residing and working	4622	506	5127
455/2/1	M	46	Residing (part time)	1559	390	1949
448/3/1	M	37	Working	1680	240	1920
448/4/1	M	36	Working	672	1248	1920
448/5/1	F	35	Working	1680	240	1920
448/6/1	M	U	Working	384	1536	1920
527/5/1	M	U	Working	470	1410	1880
527/5/2	M	U	Working	470	1410	1880
402/1/1	M	70	Staying in a caravan	1050	210	1260
402/2/1	F	69	Staying in a caravan	1050	210	1260
436/3/1	F	13	Visiting	1173	78	1251
448/8/1	U	U	Working	521	521	1043
448/8/2	U	U	Working	521	521	1043
448/7/1	F	U	Working	720	48	768
402/3/1	F	40	Staying in a caravan	400	80	480
402/4/1	M	49	Staying in a caravan	400	80	480
402/5/1	F	18	Staying in a caravan	400	80	480
402/6/1	F	14	Staying in a caravan	400	80	480
402/7/1	M	11	Staying in a caravan	400	80	480
447/1/1	M	U	Working	212	212	423
447/1/2	M	U	Working	212	212	423
447/1/3	M	U	Working	212	212	423
527/6/1	F	U	Working	391	26	417
527/6/2	F	U	Working	391	26	417
527/6/3	F	U	Working	391	26	417
527/6/4	F	U	Working	391	26	417
527/6/5	F	U	Working	391	26	417
527/6/6	F	U	Working	391	26	417
527/6/7	F	U	Working	391	26	417
527/6/8	F	U	Working	391	26	417
527/6/9	F	U	Working	391	26	417
436/4/1	F	7	Visiting	235	52	287
436/2/1	F	48	Visiting	156	52	209
402/8/1	F	35	Staying in a caravan	100	20	120
402/9/1	M	36	Staying in a caravan	100	20	120
402/10/1	M	13	Staying in a caravan	100	20	120

Notes

Where generalised data for groups of people were collected, for example employees at some businesses, only a limited number of representative individuals have been included.

Table 43. Analysis of direct radiation occupancy rates for adults, children and infants in the Sizewell area

Within the nuclear licensed site area	
>1000 to 2000	2
0 to 8760	**2**

0 to 0.25 km zone	
Number of hours	**Number of Observations**
>8000 to 8760	4
>7000 to 8000	0
>6000 to 7000	2
>5000 to 6000	3
>4000 to 5000	0
>3000 to 4000	0
>2000 to 3000	0
>1000 to 2000	2
0 to 1000	27
0 to 8760	**38**

>0.25 to 0.5 km zone	
Number of hours	**Number of Observations**
>8000 to 8760	3
>7000 to 8000	2
>6000 to 7000	0
>5000 to 6000	0
>4000 to 5000	0
>3000 to 4000	0
>2000 to 3000	0
>1000 to 2000	1
0 to 1000	6
0 to 8760	**12**

>0.5 to 1.0 km zone	
Number of hours	**Number of Observations**
>8000 to 8760	7
>7000 to 8000	4
>6000 to 7000	9
>5000 to 6000	1
>4000 to 5000	0
>3000 to 4000	0
>2000 to 3000	0
>1000 to 2000	12
0 to 1000	23
0 to 8760	**56**

Notes

Where generalised data for groups of people were collected, for example employees at some businesses, only a limited number of representative individuals have been included.

Table 44. Gamma dose rate measurements for the Sizewell direct radiation survey area (μGy h^{-1})

Residences and businesses

Location	Indoor substrate	Indoor gamma dose rate at 1m[a]	Outdoor substrate	Outdoor gamma dose rate at 1m[a]
Residence 1	Concrete	0.077	Grass	0.055
Residence 2	Concrete	0.069	Grass	0.049
Residence 3	Wood	0.078	Grass	0.048
Residence 4	Wood	0.065	Grass	0.063
Residence 5	Wood	0.068	Grass	0.052
Residence 6	Wood	0.088	Grass	0.050
Residence 7	Wood	0.069	Grass	0.064
Residence 8	Concrete	0.079	Grass	0.057
Residence 9	Wood	0.066	Grass	0.053
Residence 10	Concrete	0.084	Grass	0.055
Residence 11	Wood	0.085	Grass	0.057
Residence 12	Concrete	0.073	Grass	0.051
Residence 13	Concrete	0.091	Grass	0.049
Residence 14	Concrete	0.086	Grass	0.057
Business 1	Wood	0.052	Sandy soil	0.062
Business 2	Wood	0.067	Grass	0.051
Business 3	Not taken	Not taken	Grass	0.050

Backgrounds

	Location	National Grid Reference	Substrate	Background gamma dose rate at 1m
Background 1	Westleton Heath	TM 454 696	Grass	0.049
Background 2	Theberton Woods	TM 420 652	Grass	0.056
Background 3	Hazelwood Marshes	TM 440 581	Grass	0.050

Notes

[a] These measurements have not been adjusted for background dose rates

Table 45. Combinations of adult pathways for consideration in dose assessments in the Sizewell area

Combination number	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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			
3																						X	X				X			X		
4	X	X																						X			X			X	X	X
5																					X							X		X		
6																									X				X			
7	X	X	X																						X		X			X		
8			X		X																	X		X	X					X		
9	X					X	X	X	X	X						X		X														
10	X	X				X	X	X	X	X					X	X															X	X
11						X	X	X	X		X			X		X																
12	X	X				X	X	X	X	X				X	X	X																
13	X	X					X									X								X					X	X	X
14						X	X	X	X	X					X	X								X					X		X	X
15	X	X				X		X	X	X				X	X	X								X						X	X
16						X	X	X	X		X	X	X			X																
17						X	X	X	X	X			X	X	X	X																
18	X					X	X	X	X	X						X									X					X		
19	X					X	X	X	X	X				X		X									X							
20						X	X	X	X	X						X							X	X	X						X	X
21						X					X	X	X	X		X	X			X												
22		X				X	X	X	X	X				X	X	X			X	X				X							X	X
23	X			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	X					X		X			X	X		X	X	X
27	X	X		X							X			X		X	X	X		X				X							X	X

Notes

The food groups and external pathways marked with a cross are combined for the corresponding combination number. For example, combination number 1 represents an individual (or individuals) from Annex 1 who had positive data for the following pathways: intertidal occupancy over boat on mud, occupancy on water.

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
248/1/1	F	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	10	-	-
249/1/1	M	63	**29.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**900**	-	-	1500	-	-
249/2/1	M	62	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**900**	-	-	1500	-	-
249/3/1	M	65	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**900**	-	-	1500	-	-
249/4/1	F	47	**29.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
249/5/1	F	53	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
249/6/1	M	26	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
249/7/1	F	U	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
251/1/1	M	41	14.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	288	-	-	-	-	-	-	-	-
251/2/1	F	41	14.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
251/3/1	M	23	14.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
251/4/1	F	18	14.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
251/6/1	M	25	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	288	-	-	-	-	-	-	-	-
251/7/1	M	58	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
251/8/1	F	52	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
252/1/1	M	60	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	-	-	-	-	-	-	-	-
252/2/1	F	59	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
252/3/1	M	31	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
252/4/1	F	28	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
253/1/1	M	62	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	240	-	-	-	-	-	-	-	-
253/2/1	F	60	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
254/1/1	M	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**117**	-	-	-	-	-	-	-	-	-
254/2/1	F	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**117**	-	-	-	-	-	-	-	-	-
255/1/1	M	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	-	-	-	-
255/2/1	F	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	-	-	-	-
256/1/1	M	44	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	-	-
256/2/1	M	46	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	-	-
256/3/1	F	41	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
256/4/1	F	17	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
256/6/1	F	47	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
256/7/1	M	23	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
257/1/1	M	62	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**939**	-	-	-	-	-	-	-	-
257/2/1	F	70	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
258/1/1	M	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**730**	-	-	-	-	-	-	-	-
258/2/1	F	45	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
259/1/1	F	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**248**	-	-	-	-	-	292	-	-	-
260/1/1	F	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	20	-	-	-	6	-	-	3	-	-
262/1/1	M	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	18	-	-	-	-	-
262/2/1	F	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	18	-	-	-	-	-

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
263/1/1	F	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	12	-	-	-	-	-
263/2/1	F	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	12	-	-	-	-	-
264/1/1	M	76	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	48	-	-
264/2/1	M	68	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	48	-	-
264/3/1	F	57	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
264/4/1	F	58	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
264/5/1	F	24	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
264/6/1	F	20	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
265/1/1	M	70	**17.7**	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	546	-	-	936	-	-
265/2/1	F	66	**17.7**	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
265/3/1	M	38	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
266/1/1	M	51	**17.7**	**15.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1925**	-	-	2750	-	-
266/2/1	M	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1925**	-	-	2750	-	-
266/3/1	M	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**959**	-	-	1370	-	-
266/4/1	F	U	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
267/1/1	M	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**100**	-	-	-	-	-	400	-	-	-
267/2/1	M	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-	-	-	200	-	-	-
267/3/1	F	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	300	-	-	-
268/1/1	M	47	7.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-
268/2/1	M	45	7.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-
268/3/1	F	47	7.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
268/4/1	F	20	7.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
268/6/1	F	41	7.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
269/1/1	M	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	261	-	-
269/2/1	F	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	261	-	-
270/1/1	M	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	77	-	-	-
270/2/1	M	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	77	-	-	-
270/3/1	M	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	77	-	-	-
270/4/1	F	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	77	-	-	-
270/5/1	F	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	77	-	-	-
270/6/1	F	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	77	-	-	-
271/1/1	M	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	-	-	-	-	-	-	-
271/2/1	M	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	-	-	-	-	-	-	-
272/1/1	F	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	-	-	-
273/1/1	M	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-
273/2/1	F	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-
273/3/1	F	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-
274/1/1	M	58	**16.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**678**	-	-	-	-	-	-	-	-
274/2/1	F	34	**16.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
279/1/1	M	26	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**626**	-	-	-	-	-	-	-	-
279/2/1	F	24	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	313	-	-	-	-	-	-	-	-
280/1/1	M	82	**26.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1017**	-	-	-	-	-	-	-	-
280/2/1	F	79	**26.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
281/1/1	M	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-
282/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/2/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/3/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/4/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/5/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/6/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/7/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/8/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
283/1/1	M	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2880	-	-
283/2/1	F	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2880	-	-
284/1/1	M	56	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1080**	-	-	1080	-	-
284/2/1	F	54	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
284/3/1	M	U	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1080**	-	-	1080	-	-
284/4/1	M	U	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	540	-	-	540	-	-
285/1/1	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	914	-	-
285/2/1	M	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	914	-	-
285/3/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/4/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/5/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/6/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/7/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/8/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/9/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/10/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/11/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/12/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
286/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	90	-	-
286/2/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	90	-	-
286/3/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	90	-	-
287/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350	-	-
287/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350	-	-
287/3/1	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	-	-
287/4/1	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	-	-
287/5/1	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	-	-

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
288/1/1	M	23	**18.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**120**	-	**360**	-	-	-	-	-	-	-	-
288/2/1	M	26	**18.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**120**	-	**360**	-	-	-	-	-	-	-	-
288/3/1	M	24	**18.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**120**	-	**360**	-	-	-	-	-	-	-	-
288/4/1	M	23	**36.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**240**	-	**720**	-	-	-	-	-	-	-	-
288/5/1	M	25	**36.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**240**	-	**720**	-	-	-	-	-	-	-	-
289/1/1	M	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-
289/2/1	F	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-
292/1/1	F	69	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7430	912	
293/1/1	F	68	-	-	-	-	-	-	3.8	-	2.3	12.7	-	-	-	-	**20.8**	**5.3**	-	-	-	-	-	-	-	58	-	-	-	-	-	7025	1371	
293/2/1	M	70	-	-	-	-	-	-	3.8	-	2.3	12.7	-	-	-	-	**20.8**	**5.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	7025	1371	
293/3/1	M	21	-	-	-	-	-	-	3.8	-	2.3	12.7	-	-	-	-	**20.8**	**5.3**	-	-	-	-	-	-	-	120	-	-	-	-	-	6491	91	
297/1/1	F	73	**23.6**	2.0	-	-	-	-	7.2	-	-	-	-	-	-	-	-	0.9	-	-	-	-	-	-	-	**548**	-	-	-	-	10	-	6685	1554
301/1/1	M	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6551	1825
301/2/1	F	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6455	1825
302/1/1	F	58	-	-	-	-	-	**27.9**	13.7	5.7	4.9	6.1	-	-	-	-	**17.8**	1.1	-	-	-	-	-	-	-	26	-	-	-	-	6	-	6626	1096
302/2/1	M	63	-	-	-	-	-	**27.9**	13.7	5.7	4.9	6.1	-	-	-	-	**17.8**	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6626	1096
304/1/1	M	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	3	-	-
304/2/1	F	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	3	-	-
305/1/1	F	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	-	-	5	-	-	-
305/2/1	F	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	-	-	5	-	-	-
305/3/1	F	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	-	-	5	-	-	-
307/1/1	M	79	-	-	-	-	-	5.8	**25.9**	9.4	32.8	-	0.6	-	-	1.2	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
307/2/1	M	79	-	-	-	-	-	5.8	**25.9**	9.4	32.8	-	0.6	-	-	1.2	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
307/3/1	F	50	-	-	-	-	-	5.8	**25.9**	9.4	32.8	-	0.6	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310/1/1	M	50	-	-	-	-	-	**28.0**	18.6	**51.1**	**43.0**	-	**21.3**	**11.4**	**5.1**	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310/2/1	F	47	-	-	-	-	-	**28.0**	18.6	**51.1**	**43.0**	-	**21.3**	**11.4**	**5.1**	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310/3/1	M	26	-	-	-	-	-	-	-	-	-	-	**21.3**	**11.4**	**5.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310/4/1	M	24	-	-	-	-	-	-	-	-	-	-	**21.3**	**11.4**	**5.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
311/1/1	F	55	**35.4**	1.4	-	-	-	-	5.4	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	209	-	-	-	-	32	-	6192	732
313/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
314/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8292	417	
314/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7151	49	
314/3/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1160	40	
315/1/1	M	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	**936**	-	-	1092	-	-
315/2/1	M	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	**936**	-	-	1092	-	-
316/1/1	M	79	-	-	-	-	-	14.4	7.2	12.0	36.5	21.6	-	-	-	-	-	-	-	**10.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
316/2/1	M	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**10.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
317/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/2	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
317/1/3	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/4	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/5	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/6	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/7	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/8	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/9	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/10	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/11	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/12	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/13	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/14	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/15	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/16	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/17	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/18	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/1/19	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/2/2	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
317/2/3	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	240	-	-
318/1/1	M	U	2.0	**12.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	354	-	-	786	-	-
318/2/1	F	U	2.0	**12.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
318/3/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	177	-	-	394	-	-
320/1/1	M	68	**47.2**	**6.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	**1032**	-	-	636	-	-
320/2/1	F	77	**23.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
321/1/1	M	U	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	209	-	-	-	-	24	-	-
321/2/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	209	-	-	-	-	24	-	-
322/1/1	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
322/1/2	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
322/1/3	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
322/1/4	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
322/1/5	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
322/1/6	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
322/1/7	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
322/1/8	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
323/1/1	M	72	**20.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1251**	-	-	-	-	-	-	-
323/2/1	M	68	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	417	-	-	-	-	-	-	-
323/3/1	F	67	**20.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
324/1/1	F	62	-	-	0.2	-	**0.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**212**	-	26	183	-	-	-	-	113	-	-

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
324/2/1	M	U	-	-	0.2	-	**0.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105	-	-
325/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1920	-	-
325/2/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1920	-	-
326/1/1	M	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-	-	-	-	-	-
327/1/1	M	67	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-
327/2/1	F	64	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-
328/1/1	M	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-	-	-	-	-	-
328/2/1	M	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-	-	-	-	-	-
330/1/1	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
330/1/2	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
330/1/3	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
330/1/4	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
330/1/5	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
330/1/6	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
330/1/7	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
330/1/8	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
330/1/9	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
330/1/10	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275	-	-
331/1/1	M	53	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-	-	-	-	-	-
331/2/1	M	53	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-	-	-	-	-	-
331/3/1	M	50	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-	-	-	-	-	-
331/4/1	M	40	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-	-	-	-	-	-
332/1/1	M	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-
332/2/1	M	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-
333/1/1	M	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2839	-	-
334/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/1/2	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/1/3	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/1/4	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/1/5	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/2/2	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/2/3	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/2/4	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/2/5	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
338/1/1	M	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-	-	-	-
338/2/1	F	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-	-	-	-
341/1/1	M	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1824	96
341/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	760	40

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
341/3/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	456	24
341/4/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	456	24
362/1/1	M	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84
363/1/1	F	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156
365/1/1	F	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	-	-	-	365
366/1/1	F	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-	-	-	-	-	365
367/1/1	M	49	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-	-	-	-	36
367/2/1	M	42	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-	-	-	-	36
367/3/1	F	50	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
367/4/1	F	39	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
368/1/1	F	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	134	-	-	-	-	-	-	274
369/1/1	F	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	-	-	-	-	-	-	243
370/1/1	M	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-	-	-	-	104
370/2/1	F	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-	-	-	-	104
371/1/1	F	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	-	313
372/1/1	F	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	-	-	-	-	-	-	209
376/1/1	F	51	-	-	-	-	-	13.3	5.1	14.8	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	84	-	-	-	-	-	-	208
376/2/1	F	53	-	-	-	-	-	13.3	5.1	14.8	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
376/3/1	F	87	-	-	-	-	-	8.0	3.1	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
376/4/1	M	93	-	-	-	-	-	8.0	3.1	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
379/1/1	M	73	-	-	-	-	-	3.8	**38.1**	**60.0**	**71.7**	14.2	-	-	-	-	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
380/1/1	F	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
385/1/1	F	40	-	-	-	-	-	**54.9**	12.2	**32.1**	11.4	15.4	-	-	-	-	-	**5.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	586
385/2/1	M	50	-	-	-	-	-	**54.9**	12.2	**32.1**	11.4	15.4	-	-	-	-	-	**3.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
388/1/1	M	53	-	-	-	-	-	0.5	11.3	7.9	4.5	1.6	-	-	-	-	8.9	**4.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
388/2/1	F	68	-	-	-	-	-	0.5	11.3	7.9	4.5	1.6	-	-	-	-	8.9	**4.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
392/1/1	M	80	6.8	-	-	-	-	**30.4**	14.6	**54.1**	**116.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
392/2/1	F	76	6.8	-	-	-	-	**30.4**	14.6	**54.1**	**116.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
393/1/1	F	68	2.3	-	-	-	-	11.3	**32.2**	19.3	23.2	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
393/2/1	M	72	2.3	-	-	-	-	11.3	**32.2**	19.3	23.2	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
396/1/1	M	56	7.4	-	-	-	-	**73.8**	9.8	**62.3**	**100.8**	5.7	-	-	-	2.2	-	1.0	-	-	-	-	-	-	-	-	78	-	-	-	-	-	-
396/2/1	F	53	7.4	-	-	-	-	**73.8**	9.8	**62.3**	**100.8**	5.7	-	-	-	2.2	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
396/3/1	F	80	-	-	-	-	-	**73.8**	9.8	**62.3**	**100.8**	5.7	-	-	-	2.2	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
396/4/1	F	56	-	-	-	-	-	**73.8**	9.8	**62.3**	**100.8**	5.7	-	-	-	2.2	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
397/1/1	M	56	-	-	-	-	-	**48.9**	**24.4**	**68.2**	**91.0**	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
397/2/1	F	24	-	-	-	-	-	**48.9**	**24.4**	**68.2**	**91.0**	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
399/1/1	M	68	3.0	**6.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	88	-	-	264	-	540
399/2/1	M	63	1.5	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	88	-	-	264	-	540
399/3/1	F	63	1.5	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
400/1/1	M	53	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	20	-	-	40	-	44
400/2/1	F	49	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-
400/3/1	M	23	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
400/4/1	M	17	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
401/1/1	F	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	-	-	-	-	-	-	-
401/2/1	M	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	-	-	-	-	-	-	-
402/1/1	M	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	1050	210
402/2/1	F	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	1050	210
402/3/1	F	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	80
402/4/1	M	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	80
402/5/1	F	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	80
402/8/1	F	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	20
402/9/1	M	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	20
403/1/1	F	53	5.7	5.2	-	-	-	5.0	6.8	30.0	25.0	20.0	-	-	-	-	8.9	**4.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7887	402
403/2/1	M	U	5.7	5.2	-	-	-	5.0	6.8	30.0	25.0	20.0	-	-	-	-	8.9	**4.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
405/1/1	M	70	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	12	-	-
406/1/1	M	74	-	-	-	-	-	3.1	5.7	4.1	26.9	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
406/2/1	F	48	-	-	-	-	-	2.3	4.3	3.1	20.2	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
406/3/1	M	54	-	-	-	-	-	2.3	4.3	3.1	20.2	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
406/4/1	M	21	-	-	-	-	-	2.3	4.3	3.1	20.2	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
406/6/1	F	23	-	-	-	-	-	3.6	6.6	4.8	31.2	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
406/7/1	M	26	-	-	-	-	-	3.6	6.6	4.8	31.2	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
407/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	415	-	-
418/1/1	M	71	-	-	-	-	-	**36.7**	**58.7**	20.2	**82.8**	1.6	-	-	**11.3**	1.8	**28.0**	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
418/2/1	F	66	-	-	-	-	-	**36.7**	**58.7**	20.2	**82.8**	1.6	-	-	**11.3**	1.8	**28.0**	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
430/1/1	M	50	1.4	2.7	-	1.6	-	-	-	-	-	-	**10.4**	-	-	3.3	-	0.5	0.3	0.3	-	1.5	-	-	-	65	-	-	-	-	-	-	-	32
430/2/1	F	16	1.4	-	-	1.6	-	-	-	-	-	-	**10.4**	-	-	3.3	-	0.5	0.3	0.3	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-
430/3/1	F	55	1.4	-	-	1.6	-	-	-	-	-	-	**10.4**	-	-	3.3	-	0.5	0.3	0.3	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-
436/1/1	M	77	-	-	-	-	-	**39.1**	**36.8**	**34.9**	**68.3**	9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7420	1200
436/2/1	F	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	52
438/1/1	F	73	5.2	-	-	-	-	10.5	18.3	3.9	37.5	**30.8**	-	-	-	-	-	1.5	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
438/2/1	M	66	5.2	-	-	-	-	10.5	18.3	3.9	37.5	**30.8**	-	-	-	-	-	**4.2**	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
438/3/1	M	36	-	-	-	-	-	10.5	18.3	3.9	37.5	**30.8**	-	-	-	-	-	1.5	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
438/4/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
447/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212	212
447/1/2	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212	212
447/1/3	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212	212
447/2/1	M	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4622	506
448/1/1	F	60	2.3	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	182	-	-	-	-	-	-	6502	433

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
448/2/1	M	70	2.3	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6502	433
448/3/1	M	37	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	182	-	-	-	-	-	-	1680	240
448/4/1	M	36	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	182	-	-	-	-	-	-	672	1248
448/5/1	F	35	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	182	-	-	-	-	-	-	1680	240
448/6/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	384	1536
448/7/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	720	48
448/8/1	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	521	521
448/8/2	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	521	521
450/1/1	M	74	-	0.4	-	-	-	2.0	8.2	1.4	12.5	11.7	-	-	-	1.4	8.9	1.5	-	-	**0.5**	2.8	-	-	-	104	-	-	-	-	-	-	6297	1918
450/2/1	F	66	-	0.4	-	-	-	2.0	8.2	1.4	12.5	11.7	-	-	-	1.4	8.9	1.5	-	-	**0.5**	2.8	-	-	-	104	-	-	-	-	-	-	7876	640
452/1/1	M	67	-	-	-	-	-	10.2	**33.1**	-	**54.4**	**60.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
455/1/1	F	47	2.9	0.7	-	-	-	8.5	-	3.2	1.0	2.9	-	-	-	3.3	1.8	1.6	-	-	-	-	-	-	-	78	-	-	-	-	-	-	6925	332
455/2/1	M	46	2.9	0.7	-	-	-	8.5	-	3.2	1.0	2.9	-	-	-	3.3	1.8	1.6	-	-	-	-	-	-	-	99	-	-	-	-	-	-	1559	390
455/3/1	M	22	-	-	-	-	-	8.5	-	3.2	1.0	2.9	-	-	-	-	1.8	1.6	-	-	-	-	-	-	-	78	-	-	-	-	-	-	7535	548
455/4/1	F	23	-	-	-	-	-	8.5	-	3.2	1.0	2.9	-	-	-	-	1.8	1.6	-	-	-	-	-	-	-	78	-	-	-	-	-	-	7535	548
456/1/1	M	63	5.4	0.7	-	-	-	4.8	4.5	2.4	1.3	15.4	-	-	-	1.8	**17.8**	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
456/2/1	F	59	5.4	0.7	-	-	-	4.8	4.5	2.4	1.3	15.4	-	-	-	1.8	**17.8**	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
456/4/1	M	17	-	-	-	-	-	4.8	4.5	2.4	1.3	14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
456/5/1	M	43	-	-	-	-	-	4.8	4.5	2.4	1.3	14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
456/6/1	F	38	-	-	-	-	-	4.8	4.5	2.4	1.3	14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
456/7/1	M	40	-	-	-	-	-	4.8	4.5	2.4	1.3	14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
456/8/1	F	38	-	-	-	-	-	4.8	4.5	2.4	1.3	14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
470/1/1	M	61	-	-	-	1.8	-	-	-	-	-	-	-	-	-	3.0	-	0.2	0.2	-	-	**31.8**	-	-	-	-	-	-	-	-	-	-	-	-
470/2/1	F	50	-	-	-	1.8	-	-	-	-	-	-	-	-	-	3.0	-	0.2	0.2	-	-	**31.8**	-	-	-	-	-	-	-	-	-	-	-	-
470/3/1	F	26	-	-	-	1.8	-	-	-	-	-	-	-	-	-	3.0	-	0.2	0.2	-	-	**31.8**	-	-	-	-	-	-	-	-	-	-	-	-
470/4/1	M	22	-	-	-	1.8	-	-	-	-	-	-	-	-	-	3.0	-	0.2	0.2	-	-	**31.8**	-	-	-	-	-	-	-	-	-	-	-	-
471/1/1	M	U	-	-	-	**5.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	35	-	-	-	-
471/2/1	F	U	-	-	-	**5.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
471/3/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	35	-	-	-	-
471/3/2	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	35	-	-	-	-
471/3/3	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	35	-	-	-	-
471/3/4	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	35	-	-	-	-
471/3/5	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	35	-	-	-	-
522/1/1	F	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	6521	1144
526/1/1	F	54	-	-	-	-	-	0.3	-	-	-	-	**23.6**	**26.1**	2.8	0.8	-	0.5	0.3	-	-	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
526/2/1	M	54	-	-	-	-	-	0.3	-	-	-	-	**23.6**	**26.1**	2.8	0.8	-	0.5	0.3	-	-	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
526/3/1	M	21	-	-	-	-	-	0.3	-	-	-	-	**23.6**	**26.1**	2.8	0.8	-	0.5	0.3	-	-	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
526/4/1	M	21	-	-	-	-	-	0.3	-	-	-	-	**23.6**	**26.1**	2.8	0.8	-	0.5	0.3	-	-	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
527/1/1	F	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6270	566

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
527/2/1	M	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6270	566
527/3/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6270	566
527/4/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6270	566
527/5/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	470	1410
527/5/2	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	470	1410
527/6/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/2	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/3	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/4	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/5	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/6	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/7	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/8	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/9	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
547/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**169**	-	-	-	-	-	-	**169**	-	352	-	-
547/1/2	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**169**	-	-	-	-	-	-	**169**	-	352	-	-
547/1/3	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**169**	-	-	-	-	-	-	**169**	-	352	-	-
547/2/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**840**	-	-	-	84	-	-
551/1/1	M	61	8.8	-	-	0.9	-	-	-	9.1	9.1	-	-	-	-	0.9	11.9	0.2	0.4	-	-	-	-	5	-	**834**	-	-	**1408**	5	-	1408	3754	4380
551/2/1	F	67	8.8	-	-	0.9	-	-	-	9.1	9.1	-	-	-	-	0.9	11.9	0.2	-	-	-	-	-	-	-	**365**	-	-	-	-	-	-	3546	1460
551/3/1	M	29	8.8	-	-	0.9	-	-	-	9.1	9.1	-	-	-	-	0.9	11.9	0.2	-	-	-	-	-	-	-	**365**	-	-	-	-	-	-	3546	1460
551/4/1	F	29	8.8	-	-	0.9	-	-	-	9.1	9.1	-	-	-	-	0.9	11.9	0.2	-	-	-	-	-	-	-	**365**	-	-	-	-	-	-	3546	1460
551/5/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**469**	-	-	**1408**	-	-	1408	-	1877
552/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/1/2	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/1/3	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/1/4	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/1/5	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/2/2	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/2/3	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/2/4	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/2/5	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/3/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**152**	-	-	-	-	-	-	**188**	-	476	-	-
552/3/2	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**152**	-	-	-	-	-	-	**188**	-	476	-	-
560/1/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	950	950
560/2/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	570	570
562/1/1	M	U	11.9	1.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**731**	-	-	731	-	-
562/2/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222	-	-	444	-	-

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
562/2/2	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222	-	-	444	-	-
562/2/3	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222	-	-	444	-	-
562/3/1	M	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**731**	-	-	731	-	-
562/4/1	F	U	11.9	1.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
562/5/1	M	U	11.9	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222	-	-	444	-	-
603/1/1	M	63	-	-	-	1.5	-	**79.7**	**42.0**	**32.4**	22.8	-	-	-	-	1.4	**20.9**	-	**2.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
603/2/1	F	61	1.7	1.2	-	2.3	-	**79.7**	**42.0**	**32.4**	22.8	-	-	-	-	1.4	**20.9**	-	**2.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
603/3/1	M	32	1.7	1.2	-	2.3	-	**79.7**	**42.0**	**32.4**	22.8	-	-	-	-	-	**20.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
604/1/1	F	48	-	-	-	-	-	**37.9**	1.7	**47.1**	18.2	5.7	-	-	-	-	-	1.7	-	-	-	-	-	-	78	183	8	-	-	-	-	-	-	456
604/2/1	M	48	-	-	-	-	-	**37.9**	1.7	**47.1**	18.2	5.7	-	-	-	-	-	1.7	-	-	-	-	-	-	26	-	8	-	-	-	-	-	-	274
604/3/1	M	16	-	-	-	-	-	**37.9**	1.7	**47.1**	18.2	5.7	-	-	-	-	-	1.7	-	-	-	-	-	-	26	-	8	-	-	-	-	-	-	274
604/4/1	F	25	-	-	-	-	-	**37.9**	1.7	**47.1**	18.2	5.7	-	-	-	-	-	1.7	-	-	-	-	-	-	26	-	8	-	-	-	-	-	-	-
605/1/1	M	75	6.3	-	-	-	-	**53.1**	**30.0**	**62.4**	**61.4**	22.7	-	-	-	-	13.4	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/2/1	F	72	2.3	-	-	-	-	**53.1**	**30.0**	**62.4**	**61.4**	22.7	-	-	-	-	13.4	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/3/1	M	44	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/4/1	F	40	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/6/1	F	16	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/7/1	F	51	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/8/1	M	51	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/9/1	M	28	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/10/1	M	25	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/11/1	F	17	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/12/1	M	48	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/13/1	F	40	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/14/1	M	22	-	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
606/1/1	M	73	**43.5**	-	-	-	-	**48.5**	**27.2**	**33.0**	**101.9**	2.3	-	-	-	**10.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
608/1/1	F	58	-	-	-	-	-	**27.8**	11.5	2.0	1.6	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
608/2/1	M	71	-	-	-	-	-	**27.8**	11.5	2.0	1.6	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
609/1/1	F	67	7.8	2.2	-	-	-	8.6	**52.6**	20.5	36.4	**44.5**	-	-	-	-	-	**2.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7179	698
612/1/1	M	87	5.2	-	-	**12.1**	-	**35.5**	**54.3**	**55.9**	**100.1**	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
612/2/1	F	90	5.2	-	-	**12.1**	-	**35.5**	**54.3**	**55.9**	**100.1**	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
613/1/1	M	49	-	-	-	-	-	**62.1**	**63.6**	13.5	**79.6**	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
613/2/1	F	70	-	-	-	-	-	**62.1**	**63.6**	13.5	**79.6**	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
614/1/1	M	78	6.2	-	-	-	-	17.0	**36.1**	**66.2**	**73.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
614/2/1	F	60	2.7	-	-	-	-	17.0	**36.1**	**66.2**	**73.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
614/3/1	M	40	-	-	-	-	-	3.4	10.6	13.2	29.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
614/4/1	F	U	-	-	-	-	-	3.4	10.6	13.2	29.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
614/5/1	F	36	-	-	-	-	-	4.0	12.5	15.6	34.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
614/9/1	M	U	-	-	-	-	-	4.0	12.5	15.6	34.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
615/1/1	M	61	-	-	-	-	-	**40.6**	**58.3**	**35.2**	**69.2**	**29.5**	-	-	-	-	2.1	**2.3**	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	12
615/2/1	F	59	-	-	-	-	-	**40.6**	**58.3**	**35.2**	**69.2**	**29.5**	-	-	-	-	2.1	**2.3**	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	12
616/1/1	M	69	-	-	-	-	-	**41.7**	**51.4**	**33.3**	**82.4**	**29.0**	-	-	-	-	**18.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
616/2/1	F	64	-	-	-	-	-	**41.7**	**51.4**	**33.3**	**82.4**	**29.0**	-	-	-	-	**18.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
616/3/1	F	33	-	-	-	-	-	9.3	11.4	7.4	18.3	6.4	-	-	-	-	**15.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
616/4/1	M	30	-	-	-	-	-	9.3	11.4	7.4	18.3	6.4	-	-	-	-	**15.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
616/6/1	M	32	-	-	-	-	-	10.4	12.9	8.3	20.6	7.3	-	-	-	-	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
616/7/1	F	27	-	-	-	-	-	10.4	12.9	8.3	20.6	7.3	-	-	-	-	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
617/1/1	M	47	-	-	-	-	-	12.4	5.2	13.2	-	-	-	-	-	-	**41.6**	0.5	-	-	**0.9**	-	-	-	-	24	-	-	-	-	-	-	3874	2192
617/2/1	F	55	-	-	-	-	-	12.4	5.2	13.2	-	-	-	-	-	-	11.9	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	4970	1096
618/1/1	M	52	**17.0**	0.2	**3.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	**1304**	-	-	1435	-	-
618/2/1	M	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	**1304**	-	-	1435	-	-
618/4/1	F	17	**17.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
624/1/1	M	83	2.7	1.2	-	-	-	1.5	15.9	17.1	5.5	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
624/2/1	F	74	2.7	-	-	-	-	1.5	15.9	17.1	5.5	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627/1/1	M	64	-	-	-	-	-	**52.6**	18.9	**30.4**	**43.0**	**73.7**	-	-	-	-	-	1.3	-	-	-	-	-	-	-	280	-	-	-	-	-	-	-	562
627/2/1	F	56	-	-	-	-	-	**52.6**	18.9	**30.4**	**43.0**	**43.7**	-	-	-	-	-	1.3	-	-	-	-	-	-	-	280	-	-	-	-	-	-	-	204
627/3/1	M	37	-	-	-	-	-	5.5	2.0	3.2	4.5	2.3	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627/4/1	F	U	-	-	-	-	-	5.5	2.0	3.2	4.5	2.3	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627/5/1	F	18	-	-	-	-	-	5.5	2.0	3.2	4.5	2.3	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627/8/1	F	32	-	-	-	-	-	22.0	7.9	12.7	18.0	9.3	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627/9/1	M	34	-	-	-	-	-	22.0	7.9	12.7	18.0	9.3	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627/13/1	F	35	-	-	-	-	-	6.6	2.4	3.8	5.4	2.8	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627/14/1	M	40	-	-	-	-	-	6.6	2.4	3.8	5.4	2.8	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
630/1/1	M	64	-	-	-	-	-	25.4	**62.4**	**90.9**	**54.9**	**25.2**	-	-	-	-	**39.1**	**2.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
630/2/1	F	50	-	-	-	-	-	25.4	**62.4**	**90.9**	**54.9**	**25.2**	-	-	-	-	**39.1**	**2.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
631/1/1	M	47	-	-	-	-	-	3.2	2.0	0.1	-	-	-	-	-	-	-	**5.0**	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	10
631/2/1	F	47	-	-	-	-	-	3.2	2.0	0.1	-	-	-	-	-	-	-	**5.0**	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	10
632/1/1	M	55	-	-	-	-	-	**26.9**	4.1	**48.6**	5.5	3.3	-	-	-	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300
632/2/1	F	38	-	-	-	-	-	**26.9**	4.1	**48.6**	5.5	-	-	-	-	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
632/3/1	F	64	-	-	-	-	-	3.4	0.5	6.1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
632/4/1	M	65	-	-	-	-	-	3.4	0.5	6.1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
634/1/1	F	50	-	-	-	-	-	8.0	8.4	21.6	-	1.7	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
634/2/1	M	55	-	-	-	-	-	8.0	8.4	21.6	-	1.7	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
634/3/1	M	18	-	-	-	-	-	1.6	1.7	4.3	-	1.7	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
634/4/1	F	21	-	-	-	-	-	1.6	1.7	4.3	-	1.7	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
636/1/1	M	66	**40.8**	-	-	-	-	**47.1**	**30.4**	**54.1**	**81.9**	**36.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
636/2/1	F	69	**40.8**	-	-	-	-	**47.1**	**30.4**	**54.1**	**81.9**	**36.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
636/3/1	M	32	-	-	-	-	-	1.2	0.7	1.3	2.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annex 1. Adults' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Marine plants/algae	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Pig meat	Sheep meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	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	Intertidal occupancy over boat on mud	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
636/4/1	F	30	-	-	-	-	-	1.2	0.7	1.3	2.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
637/1/1	M	47	2.8	-	-	-	-	25.0	12.2	11.8	17.2	8.9	-	-	-	-	-	0.9	-	-	-	-	-	-	-	-	272	-	-	-	-	72	-	-
637/2/1	F	43	2.8	-	-	-	-	25.0	12.2	11.8	17.2	8.9	-	-	-	-	-	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
637/3/1	F	22	-	-	-	-	-	25.0	12.2	11.8	17.2	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
637/4/1	M	19	2.8	-	-	-	-	25.0	12.2	11.8	17.2	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
637/5/1	F	65	-	-	-	-	-	10.7	5.2	5.0	7.4	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
637/6/1	M	70	-	-	-	-	-	10.7	5.2	5.0	7.4	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
638/1/1	F	76	7.9	-	-	-	-	5.8	17.7	9.6	29.9	9.1	-	-	-	-	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
638/2/1	M	79	7.9	-	-	-	-	5.8	17.7	9.6	29.9	9.1	-	-	-	-	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
638/3/1	F	53	-	-	-	-	-	3.8	11.8	6.4	19.9	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
638/4/1	F	52	-	-	-	-	-	3.8	11.8	6.4	19.9	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
638/5/1	M	24	-	-	-	-	-	3.8	11.8	6.4	19.9	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/1/1	M	71	-	-	-	0.4	-	1.1	**32.7**	**54.9**	**64.8**	12.3	-	-	-	**5.9**	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/2/1	F	66	-	-	-	-	-	1.1	**32.7**	**54.9**	**64.8**	12.3	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/3/1	F	73	-	-	-	-	-	0.5	13.1	21.9	25.9	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/4/1	F	30	-	-	-	-	-	0.2	4.4	7.3	8.6	1.6	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/5/1	M	40	-	-	-	-	-	0.2	4.4	7.3	8.6	1.6	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/6/1	F	21	-	-	-	-	-	0.2	4.4	7.3	8.6	1.6	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/8/1	F	16	-	-	-	-	-	0.2	4.4	7.3	8.6	1.6	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/9/1	F	19	-	-	-	-	-	0.2	4.4	7.3	8.6	1.6	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
670/1/1	M	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-
670/2/1	M	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-
670/3/1	M	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-

Notes

U = Unknown

Emboldened observations are the high-rate individuals

Annex 2. Children's and infants' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Poultry	Eggs	Wild/free foods	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
Child age group (6 - 15 years old)																					
248/2/1	M	10	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	10	-	-
248/3/1	F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	10	-	-
256/5/1	M	12	**17.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
260/2/1	M	6	-	-	-	-	-	-	-	-	-	-	-	**6**	**20**	-	-	**6**	3	-	-
262/3/1	M	9	-	-	-	-	-	-	-	-	-	-	-	**18**	-	-	-	**18**	-	-	-
262/4/1	F	8	-	-	-	-	-	-	-	-	-	-	-	**18**	-	-	-	**18**	-	-	-
263/3/1	F	12	-	-	-	-	-	-	-	-	-	-	-	**12**	-	-	-	**12**	-	-	-
263/4/1	M	10	-	-	-	-	-	-	-	-	-	-	-	**12**	-	-	-	**12**	-	-	-
268/5/1	M	15	**7.4**	**1.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
268/7/1	M	12	**7.4**	**1.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
274/3/1	M	15	**16.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
274/4/1	M	13	**16.6**	-	-	-	-	-	-	-	-	-	-	-	-	**339**	-	-	-	-	-
274/5/1	F	8	**12.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
281/2/1	M	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-
332/3/1	M	11	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-
332/4/1	M	8	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-
400/5/1	F	15	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
402/6/1	F	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	80
402/7/1	M	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	80
402/10/1	M	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	20
406/5/1	M	13	-	-	-	2.3	**4.3**	3.1	**20.2**	1.7	-	-	-	-	-	-	-	-	-	-	-
436/3/1	F	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1173	78
436/4/1	F	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235	52
455/5/1	M	12	2.9	**0.7**	-	**8.5**	-	3.2	1.0	2.9	-	**1.8**	**1.6**	-	-	**135**	-	-	-	5495	664
456/3/1	F	14	-	-	-	4.8	**4.5**	2.4	1.3	**14.4**	-	-	-	-	-	-	-	-	-	-	-

Annex 2. Children's and infants' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Poultry	Eggs	Wild/free foods	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
456/9/1	M	14	-	-	-	4.8	**4.5**	2.4	1.3	**14.4**	-	-	-	-	-	-	-	-	-	-	-
456/10/1	F	11	-	-	-	4.8	**4.5**	2.4	1.3	**14.4**	-	-	-	-	-	-	-	-	-	-	-
605/5/1	M	13	-	-	-	**15.1**	**7.6**	**9.8**	**9.6**	-	-	-	-	-	-	-	-	-	-	-	-
605/15/1	M	9	-	-	-	**11.3**	**5.7**	**7.3**	7.2	-	-	-	-	-	-	-	-	-	-	-	-
614/6/1	M	8	-	-	-	3.0	**9.4**	**11.7**	**26.1**	-	-	-	**0.9**	-	-	-	-	-	-	-	-
614/7/1	M	6	-	-	-	3.0	**9.4**	**11.7**	**26.1**	-	-	-	**0.9**	-	-	-	-	-	-	-	-
614/8/1	F	10	-	-	-	3.0	**9.4**	**11.7**	**26.1**	-	-	-	**0.9**	-	-	-	-	-	-	-	-
618/3/1	F	10	**17.0**	0.2	**0.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
618/5/1	F	15	**17.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627/6/1	F	13	-	-	-	**5.5**	2.0	3.2	4.5	2.3	-	-	0.1	-	-	-	-	-	-	-	-
627/7/1	M	7	-	-	-	4.1	1.5	2.4	3.4	1.7	-	-	0.1	-	-	-	-	-	-	-	-
627/10/1	M	7	-	-	-	**16.5**	**6.0**	**9.5**	**13.5**	**7.0**	-	-	0.3	-	-	-	-	-	-	-	-
627/15/1	F	15	-	-	-	**6.6**	2.4	3.8	5.4	2.8	-	-	0.1	-	-	-	-	-	-	-	-
627/16/1	M	10	-	-	-	**6.6**	2.4	3.8	5.4	2.8	-	-	0.1	-	-	-	-	-	-	-	-
636/5/1	M	9	-	-	-	0.9	0.6	1.0	1.5	0.3	-	-	-	-	-	-	-	-	-	-	-
636/6/1	M	10	-	-	-	0.9	0.6	1.0	1.5	0.3	-	-	-	-	-	-	-	-	-	-	-
636/7/1	F	12	-	-	-	1.2	0.7	1.3	2.0	0.4	-	-	-	-	-	-	-	-	-	-	-
639/7/1	F	14	-	-	-	0.2	**4.4**	**7.3**	8.6	1.6	**0.5**	-	-	-	-	-	-	-	-	-	-
Infant age group (0 - 5 years old)																					
248/4/1	F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	**80**	-	-	10	-	-
251/5/1	F	3	**7.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
260/3/1	M	4	-	-	-	-	-	-	-	-	-	-	-	6	**20**	-	-	**6**	3	-	-
262/5/1	F	5	-	-	-	-	-	-	-	-	-	-	-	**18**	-	-	-	**18**	-	-	-
273/4/1	F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**36**	-	-	-	-
304/3/1	F	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**20**	-	3	-	-
304/4/1	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**20**	-	3	-	-

Annex 2. Children's and infants' consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) in the Sizewell area

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Poultry	Eggs	Wild/free foods	Intertidal occupancy over salt marsh	Intertidal occupancy over sand	Intertidal occupancy over sand and stones	Intertidal occupancy over stones	Handling fishing gear	Occupancy on water	Indoor occupancy within 1 km of the licensed site boundary	Outdoor occupancy within 1 km of the licensed site boundary
324/3/1	F	3	-	-	-	-	-	-	-	-	-	-	-	**26**	-	26	-	-	9	-	-
324/4/1	F	4	-	-	-	-	-	-	-	-	-	-	-	**26**	-	26	-	-	9	-	-
324/5/1	M	5	-	-	-	-	-	-	-	-	-	-	-	**26**	-	26	-	-	9	-	-
338/3/1	F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**39**	-	-	-	-
406/8/1	M	2	-	-	-	1.2	**2.2**	1.6	**10.3**	0.9	-	-	-	-	-	-	-	-	-	-	-
406/9/1	M	1	-	-	-	0.9	**1.7**	1.2	**7.8**	0.7	-	-	-	-	-	-	-	-	-	-	-
616/5/1	F	1	-	-	-	2.3	**2.9**	1.9	**4.6**	**1.6**	-	**3.9**	-	-	-	-	-	-	-	-	-
627/11/1	M	5	-	-	-	**11.0**	**4.0**	**6.4**	**9.0**	**4.6**	-	-	**0.2**	-	-	-	-	-	-	-	-
627/12/1	M	2	-	-	-	**7.3**	**2.6**	**4.2**	**5.9**	**3.1**	-	-	**0.1**	-	-	-	-	-	-	-	-

Notes

Emboldened observations are the high-rate individuals

Annex 3. Qualitative and estimated data for use in dose assessments

Details of activity	Exposure pathways involved	Estimated rate
None identified	None identified	Not applicable

Annex 4. Ratios for determining consumption and occupancy rates for children and infants

Group	Ratio[a]	
	Child[e]/adult	Infant[e]/adult
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
Potatoes	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 intertidal substrates[b]	0.500	0.030

Notes

[a]Excepting notes b and c, consumption ratios were derived from Byrom et al., (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 10-year-old children.

[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 5. Consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) for women of childbearing age[a] in the Sizewell area, for use in foetal dose assessments

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	Honey	Venison	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
248/1/1	F	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	10	-	-
249/7/1	F	U	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
251/2/1	F	41	14.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
251/4/1	F	18	14.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
252/4/1	F	28	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
256/3/1	F	41	17.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
256/4/1	F	17	17.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
259/1/1	F	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	248	-	-	-	292	-	-	-
260/1/1	F	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	20	-	-	6	-	3	-	-
262/2/1	F	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	18	-	-	-	-
263/2/1	F	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	12	-	-	-	-
264/5/1	F	24	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
264/6/1	F	20	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
266/4/1	F	U	17.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
267/3/1	F	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	300	-	-	-
268/4/1	F	20	7.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
268/6/1	F	41	7.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
270/4/1	F	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	77	-	-	-
270/5/1	F	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	77	-	-	-
270/6/1	F	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	77	-	-	-
272/1/1	F	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	-
273/3/1	F	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-
274/2/1	F	34	16.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
279/2/1	F	24	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	313	-	-	-	-	-	-
282/5/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/6/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/7/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
282/8/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
285/8/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/9/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/10/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-

Annex 5. Consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) for women of childbearing age[a] in the Sizewell area, for use in foetal dose assessments

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	Honey	Venison	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
285/11/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
285/12/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
287/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350	-	-
304/2/1	F	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	3	-	-
305/1/1	F	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	5	-	-	-
305/2/1	F	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	5	-	-	-
305/3/1	F	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	5	-	-	-
314/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7151	49
314/3/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1160	40
317/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	240	-	-
317/2/2	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	240	-	-
317/2/3	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	240	-	-
318/2/1	F	U	2.0	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
334/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/2/2	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/2/3	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/2/4	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
334/2/5	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	-	-
338/2/1	F	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-	-
341/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	760	40
341/3/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	456	24
341/4/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	456	24
363/1/1	F	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	156
367/4/1	F	39	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
368/1/1	F	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	134	-	-	-	-	0	274
371/1/1	F	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	0	313
385/1/1	F	40	-	-	-	-	54.9	12.2	32.1	11.4	15.4	-	-	-	5.8	-	-	-	-	-	-	-	-	-	-	0	586
397/2/1	F	24	-	-	-	-	48.9	24.4	68.2	91.0	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
400/5/1	F	15	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
402/3/1	F	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	80
402/5/1	F	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	80

Annex 5. Consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) for women of childbearing age[a] in the Sizewell area, for use in foetal dose assessments

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	Honey	Venison	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
402/8/1	F	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	20
406/6/1	F	23	-	-	-	-	3.6	6.6	4.8	31.2	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
430/2/1	F	16	1.4	-	-	1.6	-	-	-	-	-	10.4	3.3	-	0.5	0.3	0.3	1.5	-	-	-	-	-	-	-	-	-
448/5/1	F	35	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	182	-	-	-	-	1680	240
448/7/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	720	48
455/4/1	F	23	-	-	-	-	8.5	-	3.2	1.0	2.9	-	-	1.8	1.6	-	-	-	-	-	78	-	-	-	-	7535	548
456/6/1	F	38	-	-	-	-	4.8	4.5	2.4	1.3	14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
456/8/1	F	38	-	-	-	-	4.8	4.5	2.4	1.3	14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
470/3/1	F	26	-	-	-	1.8	-	-	-	-	-	-	3.0	-	0.2	0.2	-	31.8	-	-	-	-	-	-	-	-	-
471/2/1	F	U	-	-	-	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
527/3/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6270	566
527/6/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/2	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/3	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/4	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/5	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/6	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/7	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/8	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
527/6/9	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	391	26
551/4/1	F	29	8.8	-	-	0.9	-	-	9.1	9.1	-	-	0.9	11.9	0.2	-	-	-	-	-	365	-	-	-	-	3546	1460
552/2/1	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/2/2	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/2/3	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/2/4	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
552/2/5	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	-	-
562/4/1	F	U	11.9	1.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
604/4/1	F	25	-	-	-	-	37.9	1.7	47.1	18.2	5.7	-	-	-	1.7	-	-	-	-	26	-	8	-	-	-	-	-
605/4/1	F	40	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/6/1	F	16	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605/11/1	F	17	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annex 5. Consumption rates (kg y^{-1}) and occupancy rates (h y^{-1}) for women of childbearing age[a] in the Sizewell area, for use in foetal dose assessments

Person ID number	Gender	Age	Fish	Crustaceans	Molluscs	Wildfowl	Green vegetables	Other vegetables	Root vegetables	Potato	Domestic fruit	Cattle Meat	Poultry	Eggs	Wild/free foods	Rabbits/hares	Honey	Venison	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
605/13/1	F	40	-	-	-	-	15.1	7.6	9.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
614/4/1	F	U	-	-	-	-	3.4	10.6	13.2	29.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
614/5/1	F	36	-	-	-	-	4.0	12.5	15.6	34.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
616/3/1	F	33	-	-	-	-	9.3	11.4	7.4	18.3	6.4	-	-	15.7	-	-	-	-	-	-	-	-	-	-	-	-	-
616/7/1	F	27	-	-	-	-	10.4	12.9	8.3	20.6	7.3	-	-	17.7	-	-	-	-	-	-	-	-	-	-	-	-	-
618/4/1	F	17	17.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
618/5/1	F	15	17.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627/4/1	F	U	-	-	-	-	5.5	2.0	3.2	4.5	2.3	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-
627/5/1	F	18	-	-	-	-	5.5	2.0	3.2	4.5	2.3	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-
627/8/1	F	32	-	-	-	-	22.0	7.9	12.7	18.0	9.3	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-
627/13/1	F	35	-	-	-	-	6.6	2.4	3.8	5.4	2.8	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-
627/15/1	F	15	-	-	-	-	6.6	2.4	3.8	5.4	2.8	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-
632/2/1	F	38	-	-	-	-	26.9	4.1	48.6	5.5	-	-	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-
634/4/1	F	21	-	-	-	-	1.6	1.7	4.3	-	1.7	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-
636/4/1	F	30	-	-	-	-	1.2	0.7	1.3	2.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
637/2/1	F	43	2.8	-	-	-	25.0	12.2	11.8	17.2	8.9	-	-	-	0.9	-	-	-	-	-	-	-	-	-	-	-	-
637/3/1	F	22	-	-	-	-	25.0	12.2	11.8	17.2	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/4/1	F	30	-	-	-	-	0.2	4.4	7.3	8.6	1.6	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/6/1	F	21	-	-	-	-	0.2	4.4	7.3	8.6	1.6	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/8/1	F	16	-	-	-	-	0.2	4.4	7.3	8.6	1.6	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
639/9/1	F	19	-	-	-	-	0.2	4.4	7.3	8.6	1.6	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes

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

Profile Name	Number of individuals	Pathway Name: Crustacea	Direct	Eggs	Fish - Sea	Fruit - Domestic	Fruit and nuts - Wild	Gamma external - Houseboat	Gamma external - Salt marsh	Gamma external - 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; 0-0.25km)	Plume (MID; >0.25-0.5km)	Plume (OUT; >0.5-1km)	Vegetables - Green	Vegetables - Other Domestic	Vegetables - Potatoes	Vegetables - Root
Notes:			1					2	3	4				5										6	6	6				
Units:		kg	-	kg	kg	kg	kg	h	h	h	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	h	h	h	h	h	kg	kg	kg	kg
Crustacean Consumers	5	10.4	0.20	-	14.4	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	890	110	-	-	-	-	-	-
Occupants for Direct Radiation	102	0.31	1.00	3.2	1.4	4.1	0.70	-	<1	67	<0.01	-	0.10	0.08	-	0.16	-	0.05	-	0.02	<1	33	730	430	1700	6.1	4.8	6.1	7.1
Egg Consumers	21	0.18	0.38	22.6	0.68	10.5	1.4	-	-	11	-	-	-	0.26	-	0.47	1.1	0.29	-	0.04	<1	-	1110	-	1020	26.9	27.3	28.8	21.3
Sea Fish Consumers	37	0.71	0.05	-	23.5	2.0	0.06	-	23	180	-	-	-	-	-	0.29	-	-	0.09	-	1	270	190	220	-	3.9	2.7	7.2	3.8
Domestic Fruit Consumers	15	0.14	0.47	7.9	6.7	36.9	1.5	-	-	38	0.24	-	-	-	-	-	-	-	-	-	-	-	2	51	530	31.0	38.9	57.7	34.7
Wild Fruit and Nut Consumers	17	0.74	0.71	10.6	1.4	17.5	4.1	-	-	12	0.07	-	-	-	-	-	-	-	-	-	-	-	1380	520	460	16.4	22.8	24.2	24.5
Houseboat Occupants	1	-	-	-	-	-	-	840	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-	-	-	-
Occupants over Saltmarsh	6	-	-	-	21.2	-	-	-	180	450	-	0.09	-	-	-	-	-	-	0.03	-	-	19	-	-	-	-	-	-	-
Occupants over Sediment	12	0.17	0.25	0.99	16.8	-	0.09	-	40	750	-	-	-	0.04	-	0.07	-	0.07	-	-	<1	230	830	690	-	-	0.60	0.76	0.76
Honey Consumers	2	-	-	-	-	10.8	-	-	-	-	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	3.6	18.3	6.0
Consumers of Marine Plants and Algae	2	-	-	-	-	-	-	-	110	100	-	0.57	-	-	-	-	-	-	0.20	-	-	110	-	-	-	-	-	-	-
Cattle Meat Consumers	11	0.25	0.09	-	0.37	-	0.36	-	-	6	0.08	-	19.2	3.9	13.6	1.2	2.9	0.43	-	-	-	-	3	-	-	5.2	3.4	7.8	9.3
Game Meat Consumers	4	-	-	-	-	-	0.17	-	-	-	-	-	-	32.0	-	3.0	-	1.8	-	-	-	-	-	-	-	-	-	-	-
Pig Meat Consumers	8	-	-	-	-	-	0.33	-	-	-	-	-	22.5	4.7	18.7	0.41	4.0	-	-	-	-	-	-	-	-	7.1	4.7	10.7	12.8
Poultry Meat Consumers	2	-	-	-	21.8	7.3	0.57	-	-	-	-	-	-	-	-	8.4	-	0.22	-	-	-	-	-	-	-	24.8	29.9	83.4	44.0
Sheep Meat Consumers	6	-	-	9.3	-	0.53	0.59	-	-	-	-	-	14.2	-	7.6	0.60	7.2	-	-	-	-	-	-	-	-	21.6	25.8	41.9	23.8
Wildfowl Consumers	4	-	-	-	2.6	0.68	-	-	9	-	-	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-	17.7	27.1	50.1	27.9
Mollusc Consumers	1	0.23	-	-	17.0	-	-	-	-	50	-	-	-	-	-	-	-	-	3.2	-	-	1440	-	-	-	-	-	-	-
Mushroom Consumers	3	0.24	1.00	19.8	-	7.8	1.2	-	-	77	-	-	-	1.8	-	0.92	-	-	-	0.64	-	-	-	-	7600	5.5	7.2	8.3	5.3
Occupants IN Water	4	-	-	-	-	-	-	-	-	120	-	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-	-
Occupants ON Water	19	0.83	0.11	0.63	7.3	-	0.01	-	<1	90	-	-	-	0.02	-	0.05	-	0.05	0.17	-	-	1780	530	-	-	-	-	0.48	0.48
Occupants for Plume Pathways (0 - 0.25 km)	9	0.15	1.00	12.2	7.9	4.2	2.0	-	<1	260	-	-	-	0.05	-	0.40	-	0.40	-	-	4	160	6870	-	-	-	2.1	4.8	4.0
Occupants for Plume Pathways (>0.25 - 0.5 km)	5	1.4	1.00	1.8	5.9	4.0	1.1	-	-	110	-	-	-	-	-	-	-	-	-	-	2	-	-	8020	-	1.0	2.8	5.0	6.0
Occupants for Plume Pathways (>0.5 - 1.0 km)	20	0.52	1.00	6.0	0.76	4.9	0.67	-	-	35	-	-	-	0.28	-	0.30	-	-	-	0.10	<1	-	-	-	7360	7.9	7.2	7.1	5.3
Green Vegetable Consumers	43	0.06	0.28	5.2	4.1	11.3	0.82	-	-	24	-	-	0.99	0.13	0.53	0.61	0.76	0.71	-	-	<1	-	8	55	560	46.6	27.1	57.3	40.4
Other Domestic Vegetable Consumers	35	0.13	0.17	7.7	4.8	13.7	0.63	-	-	<1	-	-	0.05	0.15	-	0.73	0.65	0.88	-	-	-	-	1	-	470	34.5	41.7	63.7	40.6
Potato Consumers	36	-	0.19	5.8	5.0	15.6	0.67	-	-	18	-	-	1.2	-	0.63	0.81	0.91	0.69	-	-	-	-	<1	21	240	39.9	35.6	77.5	48.8
Root Vegetable Consumers	42	0.06	0.29	5.2	4.4	12.9	0.89	-	-	24	-	-	1.0	0.13	0.54	0.68	0.24	0.73	-	-	-	-	8	56	210	42.5	27.9	61.5	50.9

Notes:

1. Expressed as the proportion of the profile members who are exposed to direct radiation
2. 'Gamma external - Houseboat' includes occupancy on boat over mud
3. 'Gamma external - Salt marsh' includes occupancy over salt marsh
4. 'Gamma external - Sediments' includes occupancy over mud; sand; sand and stones; stones
5. 'Meat - Game' includes consumption of rabbits/hares and venision
6. Plume times are the sums of individuals' indoor and outdoor occupancy rates in each of the direct radiation zones.

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

Annex 7. Summary of profiles for the child age group (6 - 15 years old) in the Sizewell area for use in the assessment of total dose

Profile Name	Number of individuals	Pathway Name: Crustacea	Direct	Eggs	Fish - Sea	Fruit - Domestic	Fruit and nuts - Wild	Gamma external - Salt marsh	Gamma external - Sediments	Meat - Poultry	Mollusca	Occupancy ON water	Plume (OUT; >0.5-1km)	Vegetables - Green	Vegetables - Other Domestic	Vegetables - Potatoes	Vegetables - Root
Notes:			1					2	3				4				
Units:		kg	-	kg	kg	kg	kg	h	h	kg	kg	h	h	kg	kg	kg	kg
Crustacean Consumers	**3**	1.4	0.33	0.59	5.9	0.98	0.53	-	45	-	-	-	2050	2.8	-	0.33	1.1
Occupants for Direct Radiation	**6**	0.12	1.00	0.30	0.48	0.49	0.27	-	23	-	-	-	1460	1.4	-	0.17	0.53
Egg Consumers	**1**	0.72	1.00	1.8	2.9	2.9	1.6	-	140	-	-	-	6160	8.5	-	1.0	3.2
Sea Fish Consumers	**8**	0.45	-	-	14.0	-	-	-	42	-	0.10	-	-	-	-	-	-
Domestic Fruit Consumers	**4**	-	-	-	-	12.5	0.08	-	-	-	-	-	-	7.7	4.9	4.3	4.2
Wild Fruit and Nut Consumers	**4**	0.18	0.25	0.44	0.72	0.73	1.1	-	34	-	-	-	1540	4.4	7.0	19.8	9.6
Occupants over Saltmarsh	**5**	-	-	-	-	-	-	13	4	-	-	<1	-	-	-	-	-
Occupants over Sediment	**2**	0.36	0.50	0.89	9.8	1.5	0.80	-	240	-	-	-	3080	4.2	-	0.50	1.6
Poultry Meat Consumers	**1**	-	-	-	-	1.6	-	-	-	0.52	-	-	-	0.15	4.4	8.6	7.3
Mollusc Consumers	**1**	0.23	-	-	17.0	-	-	-	-	-	0.79	-	-	-	-	-	-
Occupants ON Water	**1**	-	-	-	-	-	-	-	-	-	-	50	-	-	-	-	-
Occupants for Plume Pathways (>0.5 - 1.0 km)	**1**	0.72	1.00	1.8	2.9	2.9	1.6	-	140	-	-	-	6160	8.5	-	1.0	3.2
Green Vegetable Consumers	**7**	0.10	0.14	0.25	0.41	2.5	0.32	-	19	-	-	-	880	10.0	3.7	6.7	5.8
Other Domestic Vegetable Consumers	**11**	-	-	-	-	4.9	0.28	-	-	0.05	-	-	-	6.2	6.3	12.8	7.2
Potato Consumers	**6**	-	-	-	-	1.4	0.51	-	-	-	-	-	-	7.2	7.7	20.3	9.6
Root Vegetable Consumers	**7**	-	-	-	-	1.2	0.43	-	-	0.07	-	-	-	7.5	7.4	16.8	9.9

Notes:

1. Expressed as the proportion of the profile members who are exposed to direct radiation
2. 'Gamma external - Salt marsh' includes occupancy over salt marsh
3. 'Gamma external - Sediments' includes occupancy over sand; sand and stones
4. Plume times are the sums of individuals' indoor and outdoor occupancy rates in each of the direct radiation zones.

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

Annex 8. Summary of profiles for the infant age group (0 - 5 years old) in the Sizewell area for use in the assessment of total dose

		Pathway Name										
			Eggs	Fish - Sea	Fruit - Domestic	Fruit and nuts - Wild	Gamma external - Salt marsh	Gamma external - Sediments	Occupancy ON water	Vegetables - Green	Vegetables - Other Domestic	Vegetables - Potatoes	Vegetables - Root
		Notes:					1	2					
Profile Name	Number of individuals	Units:	kg	kg	kg	kg	h	h	h	kg	kg	kg	kg
Egg Consumers	1		3.9	-	1.6	-	-	-	-	2.3	2.9	4.6	1.9
Sea Fish Consumers	1		-	7.4	-	-	-	-	-	-	-	-	-
Domestic Fruit Consumers	3		1.3	-	3.1	0.12	-	-	-	6.9	3.1	6.5	4.1
Wild Fruit and Nut Consumers	2		-	-	3.8	0.17	-	-	-	9.1	3.3	7.5	5.3
Occupants over Saltmarsh	4		-	-	-	-	24	20	7	-	-	-	-
Occupants over Sediment	3		-	-	-	-	-	52	3	-	-	-	-
Occupants On Water	4		-	-	-	-	20	40	9	-	-	-	-
Green Vegetable Consumers	2		-	-	3.8	0.17	-	-	-	9.1	3.3	7.5	5.3
Other Domestic Vegetable Consumers	5		0.78	-	2.2	0.07	-	-	-	4.5	2.7	7.5	3.0
Potato Consumers	5		0.78	-	2.2	0.07	-	-	-	4.5	2.7	7.5	3.0
Root Vegetable Consumers	2		-	-	3.8	0.17	-	-	-	9.1	3.3	7.5	5.3

Notes:

1. 'Gamma external - Salt marsh' includes occupancy over salt marsh
2. 'Gamma external - Sediments' includes occupancy over sand; sand and stones; stones

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

Annex 9. Summary of profiles for women of childbearing age in the Sizewell area, for use in the assessment of total dose to the foetus

		Pathway Name																						
	Number of individuals	Crustacea	Direct	Eggs	Fish - Sea	Fruit - Domestic	Fruit and nuts - Wild	Gamma external - Salt marsh	Gamma external - Sediments	Honey	Meat - Cow	Meat - Game	Meat - Poultry	Meat - Wildfowl	Mollusca	Occupancy IN water	Occupancy ON water	Plume (IN; 0-0.25km)	Plume (MID; >0.25-0.5km)	Plume (OUT; >0.5-1km)	Vegetables - Green	Vegetables - Other Domestic	Vegetables - Potatoes	Vegetables - Root
Notes:			1					2	3			4						5	5	5				
Profile Name	Units:	kg	-	kg	kg	kg	kg	h	h	kg	kg	kg	kg	kg	kg	h	h	h	h	h	kg	kg	kg	kg
Crustacean Consumers	1	12.1	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupants for Direct Radiation	26	-	1.00	0.53	0.43	0.70	0.29	-	32	-	-	-	0.03	0.03	-	-	-	290	350	860	2.4	0.47	0.82	1.7
Egg Consumers	3	-	0.33	15.1	2.9	4.6	0.08	-	120	-	-	-	0.30	0.30	-	-	-	1670	-	-	6.6	8.1	16.0	8.3
Sea Fish Consumers	15	0.31	0.07	0.79	13.5	-	0.02	-	45	-	-	-	0.06	0.06	0.03	-	-	330	-	-	-	-	0.60	0.60
Domestic Fruit Consumers	9	-	0.11	3.7	0.31	10.0	0.98	-	4	-	-	-	-	-	-	-	-	-	65	-	21.6	8.8	13.7	15.1
Wild Fruit and Nut Consumers	1	-	1.00	-	-	15.4	5.8	-	-	-	-	-	-	-	-	-	-	-	590	-	54.9	12.2	11.4	32.1
Occupants over Saltmarsh	3	-	-	-	-	-	-	12	7	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Occupants over Sediment	5	-	0.60	2.4	3.9	-	0.05	-	250	-	-	-	0.18	0.18	-	58	-	1060	-	380	-	-	1.8	1.8
Honey Consumers	1	-	-	-	1.4	-	0.45	-	-	0.30	10.4	1.8	3.3	1.6	-	-	-	-	-	-	-	-	-	-
Cattle Meat Consumers	1	-	-	-	1.4	-	0.45	-	-	0.30	10.4	1.8	3.3	1.6	-	-	-	-	-	-	-	-	-	-
Game Meat Consumers	1	-	-	-	-	-	0.17	-	-	-	-	32.0	3.0	1.8	-	-	-	-	-	-	-	-	-	-
Poultry Meat Consumers	2	-	-	-	0.68	-	0.31	-	-	0.15	5.2	16.9	3.2	1.7	-	-	-	-	-	-	-	-	-	-
Wildfowl Consumers	1	-	-	-	-	-	-	-	-	-	-	-	-	5.8	-	-	-	-	-	-	-	-	-	-
Mollusc Consumers	1	1.3	-	-	11.9	-	-	-	-	-	-	-	-	-	0.42	-	-	-	-	-	-	-	-	-
Occupants IN Water	2	-	-	-	-	-	-	-	160	-	-	-	-	-	-	300	-	-	-	-	-	-	-	-
Occupants ON Water	19	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	190	-	-	-	-	-	-	-
Occupants for Plume Pathways (0 - 0.25 km)	1	-	1.00	11.9	8.8	-	0.23	-	370	-	-	-	0.90	0.90	-	-	-	5010	-	-	-	-	9.1	9.1
Occupants for Plume Pathways (>0.25 - 0.5 km)	1	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7200	-	-	-	-	-
Occupants for Plume Pathways (>0.5 - 1.0 km)	2	-	1.00	0.89	-	1.5	0.80	-	39	-	-	-	-	-	-	-	-	-	-	7460	4.2	-	0.50	1.6
Green Vegetable Consumers	7	-	0.14	0.29	0.40	7.1	1.3	-	5	-	-	-	-	-	-	-	-	-	84	-	34.4	10.7	25.5	33.2
Other Domestic Vegetable Consumers	8	-	0.13	4.2	0.35	6.1	0.83	-	-	-	-	-	-	-	-	-	-	-	73	-	22.6	13.6	30.0	21.1
Potato Consumers	3	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8	14.5	52.3	29.5
Root Vegetable Consumers	4	-	0.25	0.51	-	5.8	1.9	-	9	-	-	-	-	-	-	-	-	-	150	-	42.1	10.6	31.5	49.0

Notes:

1. Expressed as the proportion of the profile members who are exposed to direct radiation
2. 'Gamma external - Salt marsh' includes occupancy over salt marsh
3. 'Gamma external - Sediments' includes occupancy over sand; sand and stones; stones
4. 'Meat - Game' includes consumption of rabbits/hares and venision
5. Plume times are the sums of individuals' indoor and outdoor occupancy rates in each of the direct radiation zones.

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

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