



Sheringham Shoal and Dudgeon Offshore Wind Farm Extension Projects

Environmental Statement

Volume 3

Appendix 28.2 - Health Baseline Statistics

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Glossary of Acronyms

DfT	Department for Transport
GP	General Practitioner
LSOA	Lower Super Output Area
MSOA	Middle Super Output Area
OHID	Office for Health Improvements and Disparities
ONS	Office for National Statistics
PHE	Public Health England
STI	Sexually Transmitted Infection

28.2 HEALTH BASELINE STATISTICS

28.2.1 Introduction

1. This appendix presents the baseline statistics that were used in the health assessment ES **Chapter 28 Health**.
2. Baseline health statistics were taken from the following sources:
 - Wider Determinants of Health (Office for Health Improvements and Disparities (OHID), 2022a)
 - Local Authority Health Profiles (OHID, 2022b)
 - Public Health Outcome Framework (OHID, 2022c)
 - Local Health (OHID, 2022d)
 - Norfolk Insight (2022)
 - Office of National Statistics (ONS) (ONS, 2011; 2021a; 2021b)
 - Nomis official labour market statistics (Nomis, 2022)
3. **Table 28.2-1** to **Table 28.2-4** provide the baseline health statistics.

Table 28.2-1: Baseline 2011 Census Statistics (Nomis, 2013) Unless Otherwise Stated (where More Recent Data are Available)

Population Group	Site-Specific			Local			Regional	National	Unit
Variable	Landfall (North Norfolk 004A)	Onshore Cable Route (North Norfolk 006C)	Onshore Substation (South Norfolk 006G)	North Norfolk	Broadland	South Norfolk	Norfolk	England	
Usual resident population									
Mid-2020 population density (ONS, 2021a; 2021b)	55	41	79	109	239	158	170	434	people per km ²
Age structure									
Population aged under 16 (mid-2020 population estimate) (Norfolk Insight, 2022)	8	17.2	17.1	13.6	16.4	18.1	16.9	19.2	%
Population aged 16-64 (mid-2020 population estimate) (Norfolk Insight, 2022)	42.4	52.5	61.6	52.9	57.8	57.9	58.5	62.3	%
Population aged over 65 (mid-2020 population estimate) (Norfolk Insight, 2022)	49.6	30.3	21.2	33.5	25.8	24.1	24.7	18.5	%
Health and provision of unpaid care									
Day-to-day activities not limited	73.3	80.1	85.6	76.7	81.3	82.1	79.9	82.4	%
Day-to-day activities limited a little	15	12.2	9.4	13	10.6	10.5	11	9.3	%
Day-to-day activities limited a lot	11.6	7.6	5.1	10.3	8.1	7.4	9.1	8.3	%
People reporting their health is very good or good	74.6	79.5	86.1	76.7	81.3	82.2	79.3	81.4	%
Proportion reporting fair health	18.8	15.6	10.7	17.2	14	13.4	15.1	13.1	%
Proportion of people reporting bad or very bad health	6.6	4.9	3.2	6.2	4.7	4.5	5.6	5.4	%



Population Group	Site-Specific			Local			Regional	National	Unit
Variable	Landfall (North Norfolk 004A)	Onshore Cable Route (North Norfolk 006C)	Onshore Substation (South Norfolk 006G)	North Norfolk	Broadland	South Norfolk	Norfolk	England	
Provides no unpaid care	85.6	87.1	88.6	87.8	88.5	88.9	89	89.8	%
Provides 1 to 19 hours unpaid care a week	10.5	9.2	8.1	7.8	8	7.7	7	6.5	%
Provides 20 to 49 hours unpaid care a week	1.1	1.1	1.6	1.4	1.2	1.2	1.4	1.4	%
Provides 50 or more hours unpaid care a week	2.9	2.6	1.6	2.9	2.3	2.2	2.7	2.4	%
Adults not in employment and dependent children and persons with long-term health problems or disability for all households									
No adults in employment in household *East Region	51.7	39.2	31.0	43.8	34.1	33.8	32.1*	33.3	%
Dependent children in household: All ages *East Region	14.1	23.7	32.0	20.7	26.3	26.7	28.7*	29.1	%
One person in household with a long-term health problem or disability *East Region	28.9	29.1	23.8	29.4	25.3	24.7	24.6*	25.7	%
Economic activity									
Unemployed people *East region	1.8	3	2.6	3.3	2.6	2.7	3.8*	4.4	%
Unemployed people (Norfolk Insight, 2022 – all 12/2021 ONS data)	-	-	-	3.2	5.1	7	4.2	4.6	%
Part-time employees *East region	13.9	14.3	15.5	14.6	16.7	15.7	14.3*	13.7	%
Part-time employees (Norfolk Insight, 2022 – all 12/2021 ONS data)	-	-	-	32.9	33.5	31.5	30.5	22.7	%

Population Group	Site-Specific			Local			Regional	National	Unit
Variable	Landfall (North Norfolk 004A)	Onshore Cable Route (North Norfolk 006C)	Onshore Substation (South Norfolk 006G)	North Norfolk	Broadland	South Norfolk	Norfolk	England	
Retired people *East region	32.2	21.3	15.6	23.8	18.6	18.2	14.4*	13.7	%
Retired people (Norfolk Insight, 2022 – all 12/2021 ONS data)	-	-	-	35.7	34	20.4	17.9	13.7	%
Car or van availability									
Households have a vehicle	88.5	92.4	89.1	-	-	-	81.1	74.3	%
Minimum journey time to 8 key services (medium sized centres of employment (500- 4999 jobs), primary schools, secondary schools, further education, GPs, hospitals, food stores and town centres) by car (DfT, 2022)	-	-	-	17.9	13.4	13.4	12.9	-	minutes
Minimum journey time to 8 key services (medium sized centres of employment (500- 4999 jobs), primary schools, secondary schools, further education, GPs, hospitals, food stores and town centres) by public transport or walking (DfT, 2022)	-	-	-	34.1	27.3	28.1	25.4	-	minutes
Minimum journey time to 8 key services (medium sized centres of employment (500- 4999 jobs), primary schools, secondary schools, further education, GPs, hospitals, food stores and town centres) by bicycle (DfT, 2022)	-	-	-	35.3	23.9	25.4	23.8	-	minutes

Population Group	Site-Specific			Local			Regional	National	Unit
Variable	Landfall (North Norfolk 004A)	Onshore Cable Route (North Norfolk 006C)	Onshore Substation (South Norfolk 006G)	North Norfolk	Broadland	South Norfolk	Norfolk	England	
<i>Distance travelled to work</i>									
Average distance travelled to work *East Region	-	-	-	20.9	14.9	18.1	17.3*	14.9	km
<i>Highest level of qualification</i>									
No qualifications	26.7	24.2	15.4	27.5	22.9	22.6	26.3	22.5	%
Level 1 qualifications	10.8	15.5	10.3	14.1	14.8	13.6	14.3	13.3	%
Level 2 qualifications	14.8	14.9	15.5	16.2	17.5	17.1	16.2	15.2	%
Apprenticeship	3.2	4.9	3.6	4.7	5.5	4.2	4.2	3.6	%
Level 3 qualifications	8.7	9.3	11.6	10.5	12	11.5	11.8	12.4	%
Level 4 qualifications and above	31.9	26.8	40.4	22.3	23.2	27	21.9	27.4	%
Other qualifications	3.9	4.4	3.3	4.7	4.3	4	5.3	5.7	%
<i>Approximated social grade</i>									
People in skilled trades occupations (Norfolk Insight, 2022 – all 12/2021 ONS data)	-	-	-	17.8	7.6	14.4	12.1	8.7	%
Process, plant and machine operatives (Norfolk Insight, 2022 – all 12/2021 ONS data)	-	-	-	4.6	9.3	9.5	7.5	5.4	%

Table 28.2-2: Local, Regional and National Wider Determinants of Health (OHID, 2022a; 2022b)

Factor	Period	Local			Regional	National	Unit
		North Norfolk	Broadland	South Norfolk	Norfolk	England	
Health of Children							
Children living in absolute low income families (under 16s)	2019/20	15.0	10.3	9.8	14.0	15.6	%
Children living in relative low income families (under 16s)	2019/20	19.7	13.3	12.6	18.5	19.1	%
Child obesity in Year 6 of school	2019/20	18.8	17.7	14.6	19.7	21.0	%
Alcohol specific hospital stays among those under 18	2017/18 - 2019/20	N/A	20.9	11.9	28.3	30.6	per 100,000 population
Average attainment 8 score	2019/20	47.6	52.1	53.3	49.2	50.2	%
Pupil absence	2018/19	5.1	4.8	4.6	5.1	4.7	%
Health of Adults							
Life expectancy for women	2018-20	84.8	85.0	84.8	83.9	83.1	years
Life expectancy for men	2018-20	80.6	81.4	81.7	80.0	79.4	years
Inequality in life expectancy at birth for women	2018-20	1.8	3.6	2.2	4.6	7.9	years
Inequality in life expectancy at birth for men	2018-20	3.5	3.0	3.6	7.3	9.7	years
Emergency Hospital Admissions for Intentional Self-Harm	2019/20	170.9	113.1	110.1	178.3	192.6	per 100,000
Estimated levels of adult (+18) classified as overweight or obese	2019/20	62.3	66.1	58.7	62.3	62.8	%
Smokers Prevalence in adults (18+) – current smokers (APS)	2019	13.1	12.8	13.9	14.5	13.9	%

Factor	Period	Local			Regional	National	Unit
		North Norfolk	Broadland	South Norfolk	Norfolk	England	
The rate of people killed and seriously injured on roads	2016-18	45.2	40.5	54.4	47.6	42.6	per 100,000
Homelessness - households owed a duty under the Homelessness Reduction Act	2020/21	5.7	1.9	2.9	7.2	11.3	per 1,000
Homelessness - households with dependent children owed a duty under the Homelessness Reduction Act	2020/21	7.3	2.8	2.7	7.3	11.6	per 1,000
Homelessness - households owed a duty under the Homelessness Reduction Act (main applicant 16-24 yrs)	2020/21	1.3	0.5	0.6	1.8	2.6	per 1,000
Homelessness - households owed a duty under the Homelessness Reduction Act (main applicant 55+ yrs)	2020/21	1.9	0.4	0.7	1.5	2.3	per 1,000
New STI diagnoses (excl. chlamydia aged <25)	2020	-	-	-	469.7	619.0	per 100,000
Suicide rate	2018-20	13.4	8.7	6.9	11.5	10.4	per 100,000
Violent crime – hospital admissions for violence (including sexual violence)	2018-19 – 20/21	10.9	11.0	12.2	21.8	41.9	per 1,000
People in employment	2020/21	73.4	81.5	71.5	75.4	75.1	%
Rates of unemployment (model-based)	2020	3.8	3.0	3.0	N/A	4.7	%
Long term claimants of Jobseeker’s allowance	2020	0.9	1.2	1.0	1.9	2.6	Per 1,000
Under-75 mortality rate from all cardiovascular diseases	2017-19	55.7	54.8	47.5	64.7	70.4	per 100,000
Under-75 mortality rate from cancer	2017-19	119.8	100.3	107.0	121.5	129.2	per 100,000
Under-75 mortality rate from respiratory diseases	2017-19	26.2	18.9	16.7	29.0	33.6	per 100,000



Table 28.2-3: Health Asset Profile Locally, Nationally and Regionally (OHID, 2022a, 2022b Unless Otherwise Stated)

Health Asset Indicator	Period	Local			Regional	National	Unit
		North Norfolk	Broadland	South Norfolk	Norfolk	England	
Gender pay equality*	2020	-	-	-	83.6	84.0	%
Gender pay gap	2020	14.0	19.3	22.8	14.1	16.6	%
Average weekly earnings	2021	394.4	458.2	492.7	453.2	496.0	£
Housing affordability	2016	-	-	-	8.1	7.8	ratio
Income deprivation	2019	10.6	7.2	7.8	11.6	12.9	%
School readiness: percentage of children achieving the expected level in the phonics screening check in Year 1	2018/19	-	-	-	79.3	81.8	%
School readiness: percentage of children with free school meal status achieving the expected level in the phonics screening check in Year 1	2018/19	-	-	-	67.0	70.1	%
School readiness: percentage of children achieving a good level of development at the end of Reception	2018/19	-	-	-	72.5	71.8	%
School Readiness: percentage of children with free school meal status achieving a good level of development at the end of Reception	2018/19	-	-	-	54.6	56.5	%
Healthy life expectancy at birth (Female)	2017-19	-	-	-	62.4	63.5	years
Healthy life expectancy at birth (Male)	2017-19	-	-	-	62.7	63.2	years
People's access to woodland	2020	-	-	-	10.3	15.0	%
Proportion of people who use services who feel safe	2019/20	-	-	-	71.3	70.2	%
Access to NHS dental services - successfully obtained a dental appointment	2018/19	-	-	-	91.5	94.2	%

Health Asset Indicator	Period	Local			Regional	National	Unit
		North Norfolk	Broadland	South Norfolk	Norfolk	England	
Percentage of people who said they had good experience when making a GP appointment	2018/19	-	-	-	70.6	67.4	%
Social isolation: percentage of adult social care users who have as much social contact as they would like	2019/20	-	-	-	48.4	45.9	%
Social isolation: percentage of adult carers who have as much social contact as they would like	2018/19	-	-	-	24.5	32.5	%
Proportion of people who use services who have control over their daily life	2019/20	-	-	-	81.4	77.3	%
Self-reported well-being: % of respondents with a low satisfaction score	2020/21	-	-	-	4.8	6.1	%
Wider Determinants of Health Indicators							
Percentage of people aged 16 – 64 in employment	2020/21	73.4	81.5	71.5	75.4	75.1	%
Percentage of people aged 16+ with sports club membership	2015/16	NA	NA	NA	19.3	22.0	%
Percentage of physically active adults	2019/2020	66.7	75.5	66.4	66.2	66.4	%
Physically inactive adults (PHE, 2020)	2019/20	23.9	17.3	19.3	23.5	22.9	%
Physically active children and young people (PHE, 2021)	2020/21	-	-	-	36.6	44.6	%
Utilisation of outdoor space for exercise/health reasons	Mar 2015 – Feb 2016	-	-	-	18.8	17.9	%
Adults walking for travel at least three days per week	2019/20	11.0	10.8	7.0	12.7	15.1	%
Adults cycling for travel at least three days per week	2019/20	2.7	1.2	1.7	2.3	2.3	%
Exposure to road, rail and air transport noise of 65 dB(A) or more during the daytime	2016	-	-	-	2.2	5.5	%

Health Asset Indicator	Period	Local			Regional	National	Unit
		North Norfolk	Broadland	South Norfolk	Norfolk	England	
Exposure to road, rail and air transport noise of 55 dB(A) or more during the night-time	2016	-	-	-	3.1	8.5	%
Rate of complaints about noise (value is modelled or synthetic estimate)	2019/20	3.8	3.3	2.5	4.1	6.4	per 1,000
Density of fast food outlets	2014	-	-	-	77.0	88.2	per 100,000
Proportion of population meeting the recommended '5-a-day' on a 'usual day' (adults +16 years) (PHE, 2020)	2019/20	61	61.3	60.9	57.3	55.4	%
Air pollution: fine particulate matter	2020	-	-	-	7.0	6.9	µg.m ⁻³
Access to Healthy Assets & Hazards Index**	2017	-	-	-	35.2	21.1	%
Overcrowded households	2011	-	-	-	2.4	4.8	%
Fuel poverty (low income, high cost methodology)	2018	13.5	9.5	10.6	11.5	10.3	%
Fuel poverty (low income, low energy efficiency methodology)	2019	15.8	11.4	13.3	15.4	13.4	%
Emergency hospital admissions due to falls in people aged 65 and over	2020/21	-	-	-	1,719	2,023	per 100,000
Excess winter deaths index	Aug 2019 - Jul 2020	-	-	-	19.0	17.4	ratio
<p>*The absolute difference between median gross hourly earnings (excluding overtime) of men and women as a proportion of median gross hourly earnings (excluding overtime) of men. The value implies male earnings are greater than female earnings unless noted otherwise.</p> <p>**Percentage of the population who live in LSOAs which score in the poorest performing 20% on the Access to Healthy Assets & Hazards index. The index is based on accessibility to retail outlets (fast food outlets, pubs, off- licences, tobacconists, gambling outlets); accessibility to health services (GPs, hospitals, pharmacies, dentists, leisure services); and the quality of the physical environment (green space, air pollution).</p>							



*Table 28.2-4: Local Health at a Site-Specific and Local Level (OHID, 2022d) – Included as a Separate Table as Different Survey Time Periods are Provided than in **Table 28.2-2** and **Table 28.2-3** above)*

Indicator	Period	Site-Specific*			Local			Regional	National	Unit
		Landfall	Onshore Cable Route	Onshore Substation	North Norfolk	Broadland	South Norfolk	Norfolk	England	
		North Norfolk 004	North Norfolk 006	South Norfolk 006						
Unemployment (% of the working age population claiming out of work benefit)	2019/20	1.8	0.9	1.2	1.6	1.3	1.4	2.2	2.8	%
Year 6 prevalence of obesity (including severe obesity)	2017/18-2019/20	11.8	20.0	10.2	19.1	16.2	15.0	19.0	20.4	%
Emergency hospital admissions for all causes, all ages, standardized admission ratio	2015/16-2019/20	66.8	67.1	67.7	76.6	75.3	75.3	89.8	100	ratio
Percentage of people who reported having a limiting long-term illness of disability	2011	26.3	20.2	17.8	23.3	18.7	17.9	20.1	17.6	%
Life expectancy at birth (upper age band 90+): female	2015-19	86.4	88.8	86.7	85.0	84.8	84.9	83.9	83.2	years
Life expectancy at birth (upper age band 90+): male	2015-19	82.7	82.6	83.2	80.7	81.3	81.4	80.1	79.7	years
Deaths from all causes, under 75 years, standardized mortality ratio (SMR)	2015-19	81.1	60.9	66.2	85.6	76.8	75.0	92.3	100	ratio
Deaths from all cancer, under 75 years, SMR	2015-19	94.5	72.6	73.6	92.9	80.8	82.2	94.9	100	ratio

Indicator	Period	Site-Specific*			Local			Regional	National	Unit
		Landfall	Onshore Cable Route	Onshore Substation	North Norfolk	Broadland	South Norfolk	Norfolk	England	
		North Norfolk 004	North Norfolk 006	South Norfolk 006						
Deaths from all respiratory diseases, under 75 years, SMR	2015-19	56	53.6	57.6	81.8	77.4	74.1	88.8	100	ratio
<i>*Only available at the Middle Level Super Output Area (MSOA)</i>										

References

Department for Transport (DfT) (2022). Journey Time Statistics
Norfolk Insight (2022). [Online] Available at: https://www.norfolkinsight.org.uk/population/#/view-report/dafc3d770cd84ad0a60431dcaa035d7c/___iaFirstFeature
Office for Health Improvement & Disparities (OHID) (2022a) Wider Determinants of Health
OHID (2022b) Local Authority Health Profiles
OHID (2022c) Public Health Outcomes Framework
OHID (2022d) Local Health
Office for National Statistics (ONS) (2011) 2011 Census.
ONS (2021a). Population estimates for the UK, England and Wales, Scotland and Northern Ireland: mid-2020.
ONS (2021b) Lower layer Super Output Area population estimates (supporting information)
PHE (2020). Active Lives, Sport England
PHE (2021). Active Lives Children and young People Survey, Sport England.

