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and Wellbeing Baseline Statistics

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10. Health and Wellbeing Baseline Statistics

10.1 Introduction

10.1.1 This appendix has been produced to support Chapter 10: Health and Wellbeing (document reference 6.10) of the Environmental Statement (ES) (Volume 6 of the Development Consent Order (DCO) application) for Norwich to Tilbury (the 'Project').

10.1.2 It sets out baseline information relating to the health characteristics of the local area, covering both physical and mental health, as well as information that can be used to identify potential vulnerable populations (age, ethnicity, economic status, disability, sex/gender). The appendix is supported by information shown on the following figures:

- Figure 10.1: Health and Wellbeing Study Areas (document reference 6.10.F1)
- Figure 10.2: Health and Wellbeing Receptors (document reference 6.10.F2)
- Figure 10.3: Indices of Multiple Deprivation Score (document reference 6.10.F3)
- Figure 10.4: Percentage of the Study Area identifying as female (document reference 6.10.F4)
- Figure 10.5: Percentage of the Study Area identifying as non-white, including Asian, black, mixed ethnic and other ethnicities (document reference 6.10.F5)
- Figure 10.6: Percentage of the Study Area with English as their main language (document reference 6.10.F6)
- Figure 10.7: Percentage of the Study Area economically active (document reference 6.10.F7)
- Figure 10.8: Percentage of the Study Area with a qualification of Level 2 or lower (document reference 6.10.F8)
- Figure 10.9: Population density of the Study Area (document reference 6.10.F9)
- Figure 10.10: Percentage of the Study Area considered disabled under the Equality Act (document reference 6.10.F10)
- Figure 10.11: Adult prevalence of overweight (including obesity) in the Study Area (document reference 6.10.F11)
- Figure 10.12 Year 6 prevalence of overweight (including obesity) in the Study Area (document reference 6.10.F12)
- Figure 10.13: Population within a 10 minute walk of green or blue space (document reference 6.10.F13)
- Figure 10.14: Crime rate for public order crimes per 100,000 (document reference 6.10.F14)

10.2 Health and Wellbeing Assessment

Assessment Methodology

- 10.2.1 The Health and Wellbeing assessment has been conducted following guidance set out by the Institute of Environmental Management and Assessment (IEMA) for Determining the Significance of Health in Environmental Impact Assessment (2022), alongside the Mental Wellbeing Impact Assessment toolkit (Cooke *et al.*, 2011).

Data Sources

- 10.2.2 Baseline information has been drawn from the following key information sources:
- Census 2021 (Office for National Statistics (ONS), 2021)
 - ONS Claimant Count Data (ONS, 2025)
 - Local health data published by the Office for Health Improvement and Disparities (OHID) that provides a wider picture of the health of residents (OHID, 2022)
 - Deprivation data from the Ministry of Housing, Communities and Local Government (MHCLG) (MHCLG, 2019)
 - Department of Health and Social Care Fingertips Public Health Data (Department of Health and Social Care (2024) (including indicators related to both physical and mental health and wellbeing)
 - Information relating to local health priorities contained in Local Authority Health and Wellbeing Strategies and Joint Strategic Needs Assessments
 - Norfolk Core20 (Norfolk County Council, 2020a)
 - Norfolk Insight (Norfolk County Council, 2020b)
 - The State of Suffolk (updated for 2022) (Suffolk County Council, 2023)
 - Results from the PRoW surveys commissioned by the Project
 - Baseline data presented in Chapter 6: Agriculture and Soils (document reference 6.6), Chapter 7: Air Quality (document reference 6.7), Chapter 9: Contaminated Land, Geology and Hydrogeology (document reference 6.9), Chapter 12: Hydrology, Land Drainage and Flood Risk (document reference 6.12), Chapter 13: Landscape and Visual (document reference 6.13), Chapter 14: Noise and Vibration (document reference 6.14), Chapter 15: Socio-economics, Recreation and Tourism (document reference 6.15), and Chapter 16: Traffic and Transport (document reference 6.16).

Study Area

- 10.2.3 A Wider Study Area has been defined by the boundaries of the Local Planning Authorities in which the Project is located. In order to provide a more detailed basis for assessment, a Local Study Area has been identified which comprises wards that intersect with the Order Limits. This Study Area is presented on Figure 10.1: Health and Wellbeing Study Areas (document reference 6.10.F1).

- 10.2.4 The health and wellbeing assessment also takes account of the Study Areas of related topics that may affect environmental change, notably Chapter 6: Agriculture and Soils (document reference 6.6), Chapter 7: Air Quality (document reference 6.7), Chapter 13: Landscape and Visual (document reference 6.13), Chapter 14: Noise and Vibration (document reference 6.14), Chapter 15: Socio-economics, Recreation and Tourism (document reference 6.15), and Chapter 16: Traffic and Transport (document reference 6.16).
- 10.2.5 The Study Area is considered to be appropriate to the scale of the Project and its potential effects.

10.3 Health Baseline

- 10.3.1 Baseline data is presented in Table A10.1.1 - Table A10.1.7 and on Figures 10.2 to 10.12 (document references 6.10.F2 to 6.10.F12). Findings from baseline data are summarised in Section 10.5 of Chapter 10: Health and Wellbeing (document reference 6.10).

Table A10.1.1 Population in the Study Area (%)

Age Group	South Norfolk	Mid Suffolk	Babergh	Colchester	Tendring	Braintree	Chelmsford	Brentwood	Basildon	Thurrock	England
Aged 4 years and under	4.9	4.4	4.3	5.6	4.5	5.4	5.4	5.6	6.5	7.0	5.4
Aged 5 to 9 years	5.7	5.1	5.1	6.1	5.1	5.8	5.9	5.9	6.7	7.2	5.9
Aged 10 to 15 years	6.8	6.5	6.8	7.1	6.2	7.3	7.2	6.9	7.6	8.4	7.2
Aged 16 to 19 years	3.8	4.0	4.0	4.7	3.7	4.1	4.2	4.0	4.3	4.6	4.6
Aged 20 to 24 years	4.2	4.5	4.3	7.2	4.6	4.9	5.0	4.7	5.1	5.4	6.0
Aged 25 to 34 years	10.9	10.9	9.8	13.5	10.0	12.3	13.1	12.8	14.0	14.7	13.6
Aged 35 to 49 years	18.4	17.0	16.9	19.7	14.8	19.1	20.3	19.5	19.8	21.6	19.4
Aged 50 to 64 years	21.0	22.4	22.2	18.2	21.6	20.8	19.4	20.4	19.1	17.6	19.4
Aged 65 to 74 years	12.6	13.7	13.8	9.5	15.1	11.2	10.2	10.1	9.1	7.7	9.8

Age Group	South Norfolk	Mid Suffolk	Babergh	Colchester	Tendring	Braintree	Chelmsford	Brentwood	Basildon	Thurrock	England
Aged 75 to 84 years	8.4	8.5	9.3	6.0	10.4	6.8	6.5	6.7	5.6	4.3	6.1
Aged 85 and over	3.3	3.2	3.4	2.3	4.0	2.5	2.7	3.4	2.3	1.6	2.4

Source: Census 2021, Office for National Statistics

Table A10.1.2 Population in the Study Area by Ward (Focus on Young and Older Populations) (%)

Ward	Aged 0 to 15 years	Aged 16 to 24 years	Aged 65 to 74 years	Aged 75 to 84 years	Aged 85 and over
England	18.5	10.6	9.8	6.1	2.4
South Norfolk	17.4	8.0	12.6	8.4	3.3
Bressingham & Burston	12.0	8.7	16.5	9.1	2.5
Bunwell	14.9	7.6	14.4	8.4	2.5
Diss & Roydon	15.3	8.2	12.4	9.7	4.5
Forncett	17.4	7.7	14.5	8.1	2.5
Mulbarton & Stoke Holy Cross	17.8	6.6	13.0	8.3	3.3
Newton Flotman	16.5	7.1	14.5	8.8	3.8
Mid Suffolk	16.0	8.5	13.7	8.5	3.2
Bacton (Mid Suffolk)	13.8	8.2	16.5	10.4	3.4
Battisford & Ringshall	15.5	12.6	11.1	6.9	2.2
Blakenham	18.1	9.2	9.5	5.7	1.1
Bramford	14.5	7.3	16.4	11.0	4.3
Gislingham	14.9	8.2	15.4	8.7	2.6
Haughley, Stowupland & Wetherden	15.8	7.6	13.7	9.5	3.8
Mendlesham	15.8	8.1	16.6	8.1	3.1
Needham Market	13.2	7.7	13.5	9.4	4.5
Palgrave	14.1	8.9	16.0	9.8	3.1
Rickinghall	14.7	7.4	16.0	10.6	4.1

Ward	Aged 0 to 15 years	Aged 16 to 24 years	Aged 65 to 74 years	Aged 75 to 84 years	Aged 85 and over
Stonham	14.0	8.4	15.9	6.9	2.3
Babergh	16.2	8.3	13.8	9.3	3.4
Brett Vale	14.9	7.7	14.6	9.6	2.6
Bures St Mary & Nayland	16.4	6.5	15.1	10.4	4.7
Capel St Mary	16.5	7.7	16.1	11.2	3.7
Copdock & Washbrook	14.6	8.6	15.4	10.3	3.0
East Bergholt	14.6	8.0	14.4	11.5	4.5
Hadleigh North	21.9	8.8	10.3	8.0	4.1
Hadleigh South	16.2	8.5	13.8	10.1	4.6
South East Cosford	14.6	6.9	17.8	9.9	3.2
Sproughton & Pinewood	17.0	8.8	10.7	5.4	1.8
Tendring	15.8	8.3	15.1	10.4	4.0
Ardleigh & Little Bromley	18.0	8.4	10.5	6.3	1.9
Lawford, Manningtree & Mistley	16.4	7.4	12.2	7.9	3.4
Colchester	18.8	11.9	9.5	6.0	2.3
Lexden and Braiswick	17.4	8.4	12.5	7.7	3.6
Marks Tey and Layer	20.0	8.5	10.6	6.5	2.1
Rural North	17.3	8.1	13.6	8.1	2.9
Braintree	18.5	9.0	11.2	6.8	2.5
Coggeshall	16.4	7.5	13.9	8.7	4.1
Hatfield Peverel & Terling	15.8	7.3	13.7	9.0	3.9
Kelvedon & Feering	17.3	9.0	13.0	6.9	2.7
Silver End & Cressing	19.6	8.2	10.4	5.4	2.8
Witham North	20.0	9.5	8.7	5.8	1.1
Chelmsford	18.5	9.2	10.2	6.5	2.7
Boreham and The Leighs	21.0	10.0	9.7	5.6	1.8
Broomfield and The Walthams	21.6	7.6	9.2	6.4	2.8
Chelmsford Rural West	17.7	8.8	11.8	7.9	2.7
South Hanningfield, Stock and Margaretting	16.2	8.4	13.3	9.1	3.4
Writtle	15.0	11.3	12.3	10.9	4.3
Basildon	20.8	9.4	9.1	5.6	2.3

Ward	Aged 0 to 15 years	Aged 16 to 24 years	Aged 65 to 74 years	Aged 75 to 84 years	Aged 85 and over
Billericay West	18.8	8.5	10.4	7.3	3.0
Burstead	18.4	8.3	12.0	8.8	3.6
Laindon Park	21.0	8.4	9.1	5.1	2.3
Langdon Hills	18.6	9.3	10.0	5.5	1.9
Brentwood	18.4	8.7	10.1	6.7	3.4
Herongate, Ingrave and West Horndon	16.4	9.0	11.3	6.5	4.0
Hutton East	18.0	10.1	10.2	5.6	3.9
Ingatestone, Fryerning and Mountnessing	16.9	8.6	11.5	8.6	4.4
Thurrock	22.6	10.0	9.8	6.1	2.4
Chadwell St Mary	23.4	10.4	8.3	5.6	3.1
East Tilbury	24.2	9.5	8.1	3.9	1.1
Little Thurrock Blackshots	21.2	9.5	10.7	6.5	2.3
Orsett	16.1	9.9	11.9	6.8	2.6
Stanford-le-Hope West	20.7	10.7	8.1	4.4	1.6

Source: Census 2021, Office for National Statistics

Table A10.1.3 Ethnicity within the Wider Study Area (%)

Indicator	South Norfolk	Mid Suffolk	Babergh	Colchester	Tendring	Braintree	Chelmsford	Brentwood	Basildon	Thurrock	England
Asian, Asian British or Asian Welsh	1.8	0.8	0.9	5.1	1.1	1.5	5.3	5.1	4.4	7	9.3
Black, Black British, Black Welsh, Caribbean or African	0.8	0.5	0.5	3.5	0.6	1.3	2.6	2.3	4.8	11.8	4.0

Indicator	South Norfolk	Mid Suffolk	Babergh	Colchester	Tendring	Braintree	Chelmsford	Brentwood	Basildon	Thurrock	England
Mixed or Multiple ethnic groups	1.5	1.4	1.5	2.9	1.6	1.9	2.6	3	2.6	3	2.9
White	95.4	96.8	96.7	87.0	96.3	94.7	88.5	88.5	87.4	76.8	81.7
Another ethnic group	0.5	0.4	0.4	1.5	0.4	0.6	0.9	1.1	0.8	1.5	2.1
Population who cannot speak English well or at all (%)	1.2	0.8	0.8	3.6	0.3	0.4	0.6	0.4	0.7	1.8	7.00

Source: Census 2021, Office for National Statistics

Table A10.1.4 Deprivation Indicators for Wider Study

Indicator	South Norfolk	Mid Suffolk	Babergh	Colchester	Tendring	Braintree	Chelmsford	Brentwood	Basildon	Thurrock
IMD Score (2019) ¹	13.3	13.2	14.3	16.8	30.5	14.7	12.2	10.0	23.2	20.9
Income deprivation (%)	7.8	7.1	8.0	9.9	17.3	9.2	7.7	6.4	13.8	13.0
Older people in deprivation (%)	9.0	8.3	8.8	10.7	15.0	11.2	8.3	8.0	14.6	14.8

¹ Fingertips uses a population-weighted average of Lower Layer Super Output Area (LSOA) IMD scores to calculate the IMD score for higher geographies.

Indicator	South Norfolk	Mid Suffolk	Babergh	Colchester	Tendring	Braintree	Chelmsford	Brentwood	Basildon	Thurrock
Older people living alone (%)	26.8	26.8	28.3	29.9	31.0	29.6	28.5	29.7	32.2	31.9
Households in fuel poverty (%)	13.0	13.1	13.2	13.4	16.5	13.0	10.6	10.0	12.3	13.4

Table A10.1.5 Economic Indicators for Local and Wider Study

Ward	Economically Active (excluding students) (%)	Economically Inactive (Total) (%)	Economically Inactive (By Sub-Category) (%)					No Qualifications (%)	Claimant Count (May 2025) (%)
			Retired	Student	Looking after home or family	Long-term sick or disabled	Other		
England	58.6	39.1	21.5	5.6	4.8	4.1	3.1	18.1	4.2
South Norfolk	58.4	40.2	28.4	3.3	3.6	3.0	1.9	17.1	2.1
Bressingham & Burston	54.9	43.9	30.3	3.6	4.1	3.9	1.9	18.6	
Bunwell	57.0	41.9	29.7	2.7	4.4	2.7	2.2	18.2	
Diss & Roydon	57.4	41.4	29.4	2.7	3.5	3.7	2.1	24.4	
Forncett	58.4	40.0	29.3	3.0	3.9	2.2	1.5	15.6	
Mulbarton & Stoke Holy Cross	59.0	39.6	28.9	2.8	3.6	2.8	1.5	14.7	
Newton Flotman	56.4	42.3	31.3	2.7	4.2	2.2	2.0	16.0	
Mid Suffolk	58.5	40.0	28.6	3.0	3.7	2.7	2.0	18.6	1.9
Bacton (Mid Suffolk)	55.3	43.1	33.6	2.5	3.9	1.6	1.6	18.3	

Ward	Economically Active (excluding students) (%)	Economically Inactive (Total) (%)	Economically Inactive (By Sub-Category) (%)					No Qualifications (%)	Claimant Count (May 2025) (%)
			Retired	Student	Looking after home or family	Long-term sick or disabled	Other		
Battisford & Ringshall	64.2	35.0	23.3	2.6	3.9	1.1	4.1	18.2	
Blakenham	70.1	28.0	19.1	1.9	2.7	2.5	1.8	15.0	
Bramford	53.5	45.3	35.5	2.4	2.8	2.7	1.9	22.0	
Gislingham	55.9	43.0	30.6	3.7	4.3	2.6	1.9	14.6	
Haughley, Stowupland & Wetherden	55.9	43.0	31.5	2.7	3.8	2.9	2.2	19.8	
Mendlesham	55.9	42.9	31.2	3.1	4.3	2.8	1.5	16.5	
Needham Market	56.9	41.6	31.0	2.3	3.2	3.1	1.9	19.0	
Palgrave	53.1	45.5	32.4	3.1	3.8	3.9	2.3	18.7	
Rickinghall	54.2	45.0	33.6	3.3	3.9	1.9	2.2	19.3	
Stonham	59.5	39.1	28.4	3.6	3.8	1.4	2.0	13.4	
Babergh	56.4	42.1	30.0	3.2	4.0	2.8	2.1	17.4	2.5
Brett Vale	57.0	42.0	30.4	3.3	5.0	1.8	1.5	13.7	
Bures St Mary & Nayland	54.8	44.4	32.5	3.6	4.1	2.2	2.0	14.5	
Capel St Mary	54.6	43.5	36.5	2.5	2.7	1.3	0.5	14.1	
Copdock & Washbrook	57.5	41.1	30.4	3.1	4.2	1.6	1.8	13.9	
East Bergholt	51.5	46.7	34.5	4.0	4.2	2.4	1.6	15.6	

Ward	Economically Active (excluding students) (%)	Economically Inactive (Total) (%)	Economically Inactive (By Sub-Category) (%)					No Qualifications (%)	Claimant Count (May 2025) (%)
			Retired	Student	Looking after home or family	Long-term sick or disabled	Other		
Hadleigh North	58.4	39.2	27.6	3.5	3.8	2.5	1.9	13.9	
Hadleigh South	54.4	43.7	32.2	2.9	3.6	3.0	2.0	20.2	
South East Cosford	53.7	44.5	34.5	2.7	4.5	1.2	1.5	14.5	
Sproughton & Pinewood	66.6	31.8	20.9	3.0	3.5	2.3	2.0	15.2	
Tendring	48.5	50.3	34.2	2.9	4.9	5.4	2.8	26.2	4.2
Ardleigh & Little Bromley	64.0	34.2	22.1	3.1	4.1	3.0	1.9	16.2	
Lawford, Manningtree & Mistley	58.5	40.1	27.2	3.0	3.8	4.2	2.1	17.3	
Colchester	59.1	37.6	21.0	6.5	4.3	3.3	2.5	15.4	3.2
Lexden and Braiswick	58.3	40.0	28.0	3.8	4.1	2.3	1.7	12.4	
Marks Tey and Layer	62.5	35.7	23.7	3.4	4.3	2.3	2.0	14.3	
Rural North	58.2	40.2	27.8	3.6	4.5	2.2	2.1	15.0	
Braintree	61.5	36.9	23.6	3.1	4.4	3.3	2.5	18.4	2.6
Coggeshall	56.0	42.5	31.0	3.2	4.2	2.3	1.8	16.8	
Hatfield Peverel & Terling	56.4	42.6	29.9	2.9	4.5	3.0	2.2	19.1	

Ward	Economically Active (excluding students) (%)	Economically Inactive (Total) (%)	Economically Inactive (By Sub-Category) (%)					No Qualifications (%)	Claimant Count (May 2025) (%)
			Retired	Student	Looking after home or family	Long-term sick or disabled	Other		
Kelvedon & Feering	58.3	39.6	26.4	3.6	4.7	3.0	1.9	16.6	
Silver End & Cressing	63.1	35.5	21.5	2.6	5.1	4.1	2.2	18.3	
Witham North	65.2	33.2	18.4	3.1	4.9	3.5	3.3	20.3	
Chelmsford	61.6	36.5	23.0	4.0	4.3	2.5	2.8	15.2	2.7
Boreham and The Leighs	63.9	34.5	20.1	5.2	4.4	2.5	2.2	14.6	
Broomfield and The Walthams	61.9	36.5	22.7	3.7	5.3	2.6	2.2	14.1	
Chelmsford Rural West	61.1	37.6	25.3	3.6	4.6	1.8	2.2	16.4	
South Hanningfield, Stock and Margaretting	55.7	43.1	29.9	3.3	5.6	1.8	2.5	16.6	
Writtle	51.2	45.9	30.9	6.5	3.7	2.6	2.2	18.0	
Basildon	61.5	36.8	20.8	3.6	5.5	3.9	2.9	20.7	4.0
Billericay West	61.1	37.5	26.3	3.5	4.3	1.9	1.5	13.2	
Burstead	57.7	41.0	29.4	3.4	4.4	1.8	2.0	16.1	
Laindon Park	60.9	37.5	19.9	3.5	5.5	5.2	3.3	23.6	
Langdon Hills	63.7	34.4	21.8	3.7	4.4	2.2	2.2	15.6	
Brentwood	61.5	37.2	23.7	3.7	4.9	2.3	2.5	15.1	2.6

Ward	Economically Active (excluding students) (%)	Economically Inactive (Total) (%)	Economically Inactive (By Sub-Category) (%)					No Qualifications (%)	Claimant Count (May 2025) (%)
			Retired	Student	Looking after home or family	Long-term sick or disabled	Other		
Herongate, Ingrave and West Horndon	61.4	37.5	25.5	3.5	4.4	1.5	2.6	15.7	
Hutton East	61.8	37.2	23.2	4.5	4.2	2.7	2.7	16.4	
Ingatestone, Fryerning and Mountnessing	57.6	41.3	28.2	3.4	5.1	2.3	2.3	15.5	
Thurrock	64.4	33.2	16.8	4.5	5.5	3.2	3.2	21.6	4.6
Chadwell St Mary	57.6	40.5	20.6	4.4	6.9	4.8	3.8	28.8	
East Tilbury	67.4	30.4	16.2	3.7	5.4	2.2	2.9	18.9	
Little Thurrock Blackshots	60.4	37.7	24.4	4.1	4.4	2.7	2.2	21.6	
Orsett	61.5	37.0	24.8	3.5	4.2	1.7	2.8	19.5	
Stanford-le-Hope West	66.0	32.0	17.9	3.8	4.6	3.1	2.6	19.1	

Source: Census 2021, Office for National Statistics (Economic Activity Status / Qualifications); ONS (May 2025) Claimant Count Data

Table A10.1.6 Physical and Mental Health Indicators – Wider Study Area

Indicator	South Norfolk	Mid Suffolk	Babergh	Colchester	Tendring	Braintree	Chelmsford	Brentwood	Basildon	Thurrock
Life expectancy at birth for males (yrs) 2021 to 2023	80.82	80.79	81.63	79.72	77.45	79.40	80.86	81.29	79.49	78.10
Life expectancy at birth for females (yrs) 2021 to 2023	84.46	85.12	84.63	83.44	81.57	82.71	84.11	84.72	82.87	82.31
Hospital stays for self-harm (SAR)	96.9	184.2	135.7	207.63	289.2	145.48	134.88	96.74	200.48	142.4
Personal well-being estimates: Anxiety measure	3.25	2.95	3.26	3.24	3.02	3.01	3.12	3.15	2.7	3
Personal well-being estimates: Happiness measure	7.36	7.76	7.84	6.76	7.52	7.67	7.63	7.31	7.83	7.5
Personal well-being estimates: Life Satisfaction measure (/10)	7.36	7.99	7.8	7.35	7.63	7.8	7.69	7.58	7.66	7.77
Personal well-being estimates: Worthwhile measure	7.55	8.09	8.18	7.58	7.78	8.13	7.88	7.73	7.83	7.61
Percentage of physically inactive adults (19yrs+)	18.9	19.5	16.6	22.7	28.5	28	18.7	22.1	26.3	26

Source: Fingertips Public Health Data

Table A10.1.7 Health Indicators – Local Study Area

Ward	General health (% Bad or Very Bad Health)	Disabled under the Equality Act (%)	Child weight Year 6: prevalence of overweight (including obesity) (%)	Deaths from All Causes, All Ages, (Standardised Mortality Ratio) 2016- 2020	Life Expectancy at birth (male) (value) 2016-2020	Life expectancy at birth (female) (value) 2016- 2020
England	5.2	17.3	-	100	79.5	83.2
South Norfolk	4.3	17.7	-	86.7	81.4	84.9
Bressingham & Burston	4.2	18.7	28.6	84.3	78.8	84.7
Bunwell	4.6	18.2	46.2	72.7	81.4	89.4
Diss & Roydon	5.0	18.8	36.9	86.0	79.9	81.4
Forngett	3.8	17.2	38.9	67.1	83.5	87.7
Mulbarton & Stoke Holy Cross	4.2	17.5	33.3	77.0	81.7	86.9
Newton Flotman	3.9	17.6	28.6	101.9	82.9	85.7
Mid Suffolk	4.3	17.1	-	87.2	81.7	84.8
Bacton (Mid Suffolk)	3.8	17.6	26.7	79.2	81.3	87.0
Battisford & Ringshall	3.4	13.2	28.6	109.4	81.8	81.3
Blakenham	3.7	14.6	40.0	93.5	79.0	84.7
Bramford	5.4	19.8	33.3	75.3	82.9	84.9
Gislingham	4.6	16.8	35.3	80.2	81.6	83.6
Haughley, Stowupland & Wetherden	5.0	18.7	39.4	83.7	81.3	85.0
Mendlesham	4.2	15.6	31.3	66.1	82.7	88.3
Needham Market	4.7	19.4	32.1	96.0	79.5	84.2
Palgrave	4.3	18.7	25.0	97.7	81.4	82.1
Rickinghall	4.0	17.0	33.3	72.0	82.7	87.2
Stonham	2.9	15.2	25.0	68.1	86.8	86.5
Babergh	4.4	17.5	-	88.9	81.4	84.9
Brett Vale	3.3	14.9	33.3	64.1	86.4	87.1

Ward	General health (% Bad or Very Bad Health)	Disabled under the Equality Act (%)	Child weight Year 6: prevalence of overweight (including obesity) (%)	Deaths from All Causes, All Ages, (Standardised Mortality Ratio) 2016- 2020	Life Expectancy at birth (male) (value) 2016-2020	Life expectancy at birth (female) (value) 2016- 2020
Bures St Mary & Nayland	5.6	18.4	28.6	93.0	78.8	84.6
Capel St Mary	3.5	15.0	30.0	63.0	87.2	85.0
Copdock & Washbrook	2.9	15.1	23.5	91.6	80.1	85.0
East Bergholt	4.2	17.4	25.0	63.2	87.2	85.0
Hadleigh North	3.6	16.2	30.4	126.2	79.6	84.1
Hadleigh South	4.8	18.6	22.9	93.4	80.7	84.6
South East Cosford	3.5	14.1	27.3	68.8	82.0	87.3
Sproughton & Pinewood	3.3	15.8	27.3	77.6	84.0	84.3
Tendring	7.8	24.1	-	108.1	78.0	81.6
Ardleigh & Little Bromley	4.1	15.1	26.1	83.0	81.9	84.8
Lawford, Manningtree & Mistley	5.3	19.2	29.2	98.2	79.9	82.9
Colchester	4.2	16.9	-	98.7	80.2	83.4
Lexden and Braiswick	3.5	16.1	22.6	87.3	80.7	85.0
Marks Tey and Layer	3.1	14.3	32.9	80.7	83.6	84.6
Rural North	3.5	15.1	26.6	90.3	82.4	84.6
Braintree	4.4	16.9	-	101.0	80.1	83.2
Coggeshall	4.1	16.8	34.5	82.6	80.4	84.3
Hatfield Peverel & Terling	4.6	17.9	27.6	118.7	80.2	81.7
Kelvedon & Feering	4.5	17.5	29.4	89.6	79.7	86.0
Silver End & Cressing	4.6	18.0	35.7	100.3	80.9	84.1
Witham North	4.6	17.2	44.0	109.3	77.3	84.2
Chelmsford	3.6	14.4	-	89.8	81.3	84.3
Boreham and The Leighs	3.5	13.8	31.1	88.2	82.6	83.8
Broomfield and The Walthams	3.0	14.1	30.1	112.0	80.2	84.1

Ward	General health (% Bad or Very Bad Health)	Disabled under the Equality Act (%)	Child weight Year 6: prevalence of overweight (including obesity) (%)	Deaths from All Causes, All Ages, (Standardised Mortality Ratio) 2016- 2020	Life Expectancy at birth (male) (value) 2016-2020	Life expectancy at birth (female) (value) 2016- 2020
Chelmsford Rural West	3.4	13.0	35.0	62.1	83.9	90.0
South Hanningfield, Stock and Margaretting	3.9	13.1	26.7	68.8	84.6	87.0
Writtle	4.4	17.4	32.3	68.7	84.3	87.2
Basildon	5.1	16.7	-	102.3	79.2	82.8
Billericay West	3.2	13.4	25.0	77.6	82.4	85.6
Burstead	3.8	14.5	28.8	74.6	83.0	86.5
Laindon Park	6.0	18.2	33.0	123.7	77.7	79.8
Langdon Hills	3.7	13.9	30.5	97.8	81.6	84.1
Brentwood	3.8	14.1	-	91.2	81.0	84.6
Herongate, Ingrave and West Horndon	3.7	13.5	25.0	102.9	82.9	81.7
Hutton East	4.0	14.6	33.3	86.8	80.0	85.8
Ingatestone, Fryerning and Mountnessing	3.9	14.8	26.7	78.9	80.8	86.7
Thurrock	4.4	14.5	-	111	78.6	82.4
Chadwell St Mary	6.3	19.4	39.8	122.7	77.3	82.0
East Tilbury	3.8	13.6	45.6	112.3	79.3	82.0
Little Thurrock Blackshots	3.9	13.9	34.5	85.6	80.4	85.4
Orsett	3.5	13.5	33.3	103.4	80.5	82.6
Stanford-le-Hope West	3.9	15.2	35.7	114.4	79.1	82.6

Source: Census 2021, Office for National Statistics; Fingertips Public Health Data

10.4 Summary of Ward Sensitivity

10.4.1 Baseline data has been used to inform the sensitivity assessment of wards which intersect the Order Limits. A summary of this information is provided in Table A10.1.8.

Table A10.1.8 Sensitivity Rating of Wards that Intersect the Order Limits

Ward	IMD Score ²	% Aged 65+	% Aged <16	% Self-reported Bad / Very Bad Health	Disabled under the Equality Act (%)	Deaths from All Causes, All Ages, (Standardised Mortality Ratio)	Life Expectancy at birth (male) (value)	Life expectancy at birth (female) (value)	Year 6 Overweight	Ward Sensitivity Rating (High / Medium / Low / Very Low)
England	-	18.3	18.5	5.2	17.3	100	79.5	83.2	36.7	
South Norfolk	13.3	26.5	17.4	4.3	17.7	86.7	81.4	84.9	-	N/A
Bressingham & Burston	21.5	28.1	12.0	4.2	18.7	84.3	78.8	84.7	28.6	High
Bunwell	17.1	25.3	14.9	4.6	18.2	72.7	81.4	89.4	46.2	Medium
Diss & Roydon	16.0	26.6	15.3	5.0	18.8	86.0	79.9	81.4	36.9	Medium
Forncett	12.4	25.1	17.4	3.8	17.2	67.1	83.5	87.7	38.9	Medium
Mulbarton & Stoke Holy Cross	8.8	24.6	17.8	4.2	17.5	77.0	81.7	86.9	33.3	Medium
Newton Flotman	13.4	27.1	16.5	3.9	17.6	101.9	82.9	85.7	28.6	High

² Fingertips uses a population-weighted average of Lower Layer Super Output Area (LSOA) IMD scores to calculate the IMD score for higher geographies like wards. These LSOA scores, along with domain scores (income, employment, etc.), are published and used to determine deprivation categories for each area. The process involves calculating the average IMD score for each ward based on the LSOAs that fall within it, allowing for a comprehensive deprivation profile of the ward.

Ward	IMD Score ²	% Aged 65+	% Aged <16	% Self-reported Bad / Very Bad Health	Disabled under the Equality Act (%)	Deaths from All Causes, All Ages, (Standardised Mortality Ratio)	Life Expectancy at birth (male) (value)	Life expectancy at birth (female) (value)	Year 6 Overweight	Ward Sensitivity Rating (High / Medium / Low / Very Low)
Mid Suffolk	13.2	25.4	16.0	4.3	17.1	87.2	81.7	84.8	-	
Bacton (Mid Suffolk)	14.8	30.3	13.8	3.8	17.6	79.2	81.3	87.0	26.7	High
Battisford & Ringshall	5.3	20.2	15.5	3.4	13.2	109.4	81.8	81.3	28.6	Medium
Blakenham	13.1	16.3	18.1	3.7	14.6	93.5	79.0	84.7	40.0	Low
Bramford	11.8	31.7	14.5	5.4	19.8	75.3	82.9	84.9	33.3	High
Gislingham	14.4	26.7	14.9	4.6	16.8	80.2	81.6	83.6	35.3	Medium
Haughley, Stowupland & Wetherden	15.1	27.0	15.8	5.0	18.7	83.7	81.3	85.0	39.4	Medium
Mendlesham	16.0	27.8	15.8	4.2	15.6	66.1	82.7	88.3	31.3	Medium
Needham Market	11.7	27.4	13.2	4.7	19.4	96.0	79.5	84.2	32.1	Medium
Palgrave	15.9	28.9	14.1	4.3	18.7	97.7	81.4	82.1	25.0	Medium
Rickinghall	14.6	30.7	14.7	4.0	17.0	72.0	82.7	87.2	33.3	Medium
Stonham	12.7	25.1	14.0	2.9	15.2	68.1	86.8	86.5	25.0	Medium
Babergh	14.3	26.5	16.2	4.4	17.5	88.9	81.4	84.9	-	N/A
Brett Vale	12.0	26.8	14.9	3.3	14.9	64.1	86.4	87.1	33.3	Medium
Bures St Mary & Nayland	16.2	30.4	16.4	5.6	18.4	93.0	78.8	84.6	28.6	Medium
Capel St Mary	3.6	31.0	16.5	3.5	15.0	63.2	87.2	85.0	25.0	Low
Copdock & Washbrook	15.7	28.7	14.6	2.9	15.1	91.6	80.1	85.0	23.5	Medium
East Bergholt	8.2	30.4	14.6	4.2	17.4	63.2	87.2	85.0	25.0	Low

Ward	IMD Score ²	% Aged 65+	% Aged <16	% Self-reported Bad / Very Bad Health	Disabled under the Equality Act (%)	Deaths from All Causes, All Ages, (Standardised Mortality Ratio)	Life Expectancy at birth (male) (value)	Life expectancy at birth (female) (value)	Year 6 Overweight	Ward Sensitivity Rating (High / Medium / Low / Very Low)
Hadleigh North	8.3	22.4	21.9	3.6	16.2	126.2	79.6	84.1	30.4	High
Hadleigh South	12.1	28.5	16.2	4.8	18.6	93.4	80.7	84.6	30.4	Medium
South East Cosford	12.5	30.9	14.6	3.5	14.1	68.8	82.0	87.3	27.3	Low
Sproughton & Pinewood	11.1	17.9	17.0	3.3	15.8	77.6	84.0	84.3	27.3	Low
Tendring	30.5	29.5	15.8	7.8	24.1	108.1	78.0	81.6	-	N/A
Ardleigh & Little Bromley	14.8	18.7	18.0	4.1	15.1	83.0	81.9	84.8	26.1	Low
Lawford, Manningtree & Mistley	13.5	23.5	16.4	5.3	19.2	98.2	79.9	82.9	29.2	Medium
Colchester	16.8	17.8	18.8	4.2	16.9	98.7	80.2	83.4	-	N/A
Lexden and Braiswick	9.7	23.8	17.4	3.5	16.1	87.3	80.7	85.0	22.6	Low
Marks Tey and Layer	12.4	19.2	20.0	3.1	14.3	80.7	83.6	84.6	32.9	Low
Rural North	12.5	24.6	17.3	3.5	15.1	90.3	82.4	84.6	26.6	Low
Braintree	14.7	20.5	18.5	4.4	16.9	101.0	80.1	83.2	-	N/A
Coggeshall	9.3	26.7	16.4	4.1	16.8	82.6	80.4	84.3	34.5	Low
Hatfield Peverel & Terling	11.6	26.6	15.8	4.6	17.9	118.7	80.2	81.7	27.6	High

Ward	IMD Score ²	% Aged 65+	% Aged <16	% Self-reported Bad / Very Bad Health	Disabled under the Equality Act (%)	Deaths from All Causes, All Ages, (Standardised Mortality Ratio)	Life Expectancy at birth (male) (value)	Life expectancy at birth (female) (value)	Year 6 Overweight	Ward Sensitivity Rating (High / Medium / Low / Very Low)
Kelvedon & Feering	7.9	22.6	17.3	4.5	17.5	89.6	79.7	86.0	29.4	Medium
Silver End & Cressing	17.3	18.6	19.6	4.6	18.0	100.3	80.9	84.1	35.7	Medium
Witham North	21.2	15.6	20.0	4.6	17.2	109.3	77.3	84.2	44.0	High
Chelmsford	12.2	19.4	18.5	3.6	14.4	89.8	81.3	84.3	-	N/A
Boreham and The Leighs	12.5	17.1	21.0	3.5	13.8	88.2	82.6	83.8	31.1	Low
Broomfield and The Walthams	13.6	18.4	21.6	3.0	14.1	112.0	80.2	84.1	30.1	Medium
Chelmsford Rural West	17.5	22.4	17.7	3.4	13.0	62.1	83.9	90.0	35.0	Low
South Hanningfield, Stock and Margaretting	14.3	25.8	16.2	3.9	13.1	68.8	84.6	87.0	26.7	Low
Writtle	11.0	27.5	15.0	4.4	17.4	68.7	84.3	87.2	32.3	Medium
Basildon	23.2	17.0	20.8	5.1	16.7	102.3	79.2	82.8	-	N/A
Billericay West	6.9	20.7	18.8	3.2	13.4	77.6	82.4	85.6	25.0	Low
Burstead	8.9	24.4	18.4	3.8	14.5	74.6	83.0	86.5	28.8	Low
Laindon Park	27.4	16.5	21.0	6.0	18.2	123.7	77.7	79.8	33.0	High
Langdon Hills	11.4	17.4	18.6	3.7	13.9	97.8	81.6	84.1	30.5	Low
Brentwood	10.0	20.2	18.4	3.8	14.1	91.2	81.0	84.6	-	N/A

Ward	IMD Score ²	% Aged 65+	% Aged <16	% Self-reported Bad / Very Bad Health	Disabled under the Equality Act (%)	Deaths from All Causes, All Ages, (Standardised Mortality Ratio)	Life Expectancy at birth (male) (value)	Life expectancy at birth (female) (value)	Year 6 Overweight	Ward Sensitivity Rating (High / Medium / Low / Very Low)
Herongate, Ingrave and West Horndon	7.0	21.8	16.4	3.7	13.5	102.9	82.9	81.7	25.0	Medium
Hutton East	10.5	19.7	18.0	4.0	14.6	86.8	80.0	85.8	33.3	Medium
Ingatestone, Fryerning and Mountnessing	9.5	24.5	16.9	3.9	14.8	78.9	80.8	86.7	26.7	Low
Thurrock	20.9	13.6	22.6	4.4	14.5	111	78.6	82.4	-	N/A
Chadwell St Mary	27.5	17.0	23.4	6.3	19.4	122.7	77.3	82.0	39.8	High
East Tilbury	20.1	13.1	24.2	3.8	13.6	112.3	79.3	82.0	45.6	Medium
Little Thurrock Blackshots	16.3	19.5	21.2	3.9	13.9	85.6	80.4	85.4	34.5	Medium
Orsett	11.4	21.3	16.1	3.5	13.5	103.4	80.5	82.6	33.3	Medium
Stanford-le-Hope West	17.3	14.1	20.7	3.9	15.2	114.4	79.1	82.6	35.7	Medium

Abbreviations

Abbreviation	Full Reference
DCO	Development Consent Order
EIA	Environmental Impact Assessment
ES	Environmental Statement
IEMA	Institute of Environmental Management and Assessment
LSOA	Lower Super Output Area
MHCLG	Ministry for Housing, Communities and Local Government
MWIA	Mental Wellbeing Impact Assessment
OHID	Office for Health Improvement and Disparities
ONS	Office for National Statistics

Glossary

Term	Definition
Development Consent Order	A statutory instrument which grants consents and other rights to build a Nationally Significant Infrastructure Project, as defined by the Planning Act 2008.
Environmental Statement (ES)	The main output from the Environmental Impact Assessment (EIA) process, an ES is the report required to accompany an application for development consent (under the Infrastructure Planning (EIA) Regulations 2017) to inform public and stakeholder consultation and the decision on whether a project should be allowed to proceed. The EIA Regulations set out specific requirements for the contents of an ES for Nationally Significant Infrastructure Projects.

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