

LIST OF VARIABLES, SOURCES AND NOTES

Variable	Definition	Source	Note	Year of latest data
Demography				
Total population	Total number of people resident in an area	Mid-year population estimates, ONS	000s	2009
Working age population	Total number of people resident in an area who are of working age	Mid-year population estimates, ONS	000s. Working age defined as males aged 16-64 and females aged 16-59. Note that these definitions will vary over time as the retirement age increases.	2009
Migration & other changes	The balance of the flow of people moving in to and out of an area for the purpose of permanent residence. This includes regional and international movements.	Components of change, ONS	000s	2009
Labour market				
Employees in employment	Number of employee jobs (sum of full time and part time jobs) in an area	Annual business inquiry (ABI)	000s. Measure of jobs, not people. Some people will have more than one job.	2008
Self employed	Number of self employed jobs in an area	ONS, Oxford Economics calculations	000s. Measure of jobs, not people. Some people will have more than one job.	Constructed but based on 2008 employee data. Note regional data available to 2010
Total employment (jobs)	Total of employee jobs and self employed jobs as above	ABI, ONS, Oxford Economics calculations	000s. Note: all ABI data adjusted to match ONS employee estimates (mid-year estimates)	Constructed but based on 2008 employee data. Note regional data available to 2010
Total workplace employed people	Total number of people employed in an area (that is, on a workplace basis)	ABI, ONS, Census, Oxford Economics calculations	000s. Note: consistent with census in 2001. As some people will have more than one job, this number is lower than total employment (jobs)	Constructed but based on 2008 employee data. Note regional data available to 2010
Residence employment	Total number of residents that are employed irrespective of where they work	Annual Population Survey (APS), Labour Force Survey (LFS), Census, Oxford Economics calculations	000s. Note: consistent with census in 2001	2009
Residence employment rate	Total number of residents that are employed as a proportion of the working age population	Annual Population Survey (APS), Labour Force Survey (LFS), Census, Oxford Economics calculations	Uses census definition of the working age population - all people aged 16-74	2009
Net commuting	The balance of the flow of people into and out of an area for the purpose of work. These flows are temporary, normally on a daily basis.	Oxford Economics calculations	000s. Note: assumes the same commuting patterns over the forecast period as recorded in the 2001 census	Constructed but based on 2008 employee and 2009 resident employment data
Unemployment level	The total number of people that are without a job and claiming unemployment benefits	Claimant count - nomis	000s	2010
Unemployment rate	The total number of people that are without a job and claiming unemployment benefits as a proportion of the working age population	Claimant count - nomis, Oxford Economics calculations	Working age population defined by Oxford Economics as M/F aged 16-59/64	2010
Output				
Total GVA	The amount of Gross Value Added within a given area calculated on a workplace basis	ONS Regional Accounts	£m, 2006 prices - consistent with the UK National Accounts (workplace based)	Constructed based on employee data and regional GVA up to 2008. Note UK data available to Q2 2010
Resident based GVA (Region only)	The amount of Gross Value Added within a given area calculated on a residence basis	ONS Regional Accounts	£m, 2006 prices - consistent with the UK National Accounts (workplace based). Note: this indicator should be treated with caution. GVA is essentially the sum of profits and wages, and it is difficult to allocate GVA on a resident basis.	Constructed based on employee data and regional GVA up to 2008. Note UK data available to Q2 2010
Labour productivity	The output, expressed in £000s, per job in the area (whether employee or self employed).	Oxford Economics calculations	GVA in £000s per job (including self employed)	Constructed based on employee data and regional GVA up to 2008. Note UK data available to Q2 2010
GVA per capita	The amount of Gross Value Added per head of the resident population	Oxford Economics calculations	GVA per capita (£000 per head of the resident population)	Constructed based on employee data and regional GVA up to 2008. Note UK data available to Q2 2010
Housing				
Households	The number of housholds in a given area	DCLG	000s	2009
Demand for dwellings	The dwelling stock needed in an area to accommodate the given number of households assuming existing occupancy ratios are unchanged	DCLG	000s	2009
Environment				
Total carbon emissions	The amount of CO2 emissions in a given area	DECC	k tonnes	2007
Total carbon emissions per head	The amount of CO2 emissions per head in a given area	Oxford Economics calculations	k tonnes per head	2007

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NOTE: Table 2 needs to be read carefully. Migration and net commuting show numerical changes; and resident employment rate, unemployment rate and productivity are all percentage point changes.

## EAST OF ENGLAND FORECASTING MODEL - AUTUMN 2010 RUN - Suffolk Coastal District

Table 1: Key indicators

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
113.3	109.3	107.9	110.0	112.2	114.2	116.0	115.3	114.7	115.5	115.2	115.8	115.8
65.7	62.3	61.3	62.8	64.3	65.8	67.2	66.5	65.6	65.9	65.6	65.8	65.8
-	-4.0	-1.3	2.3	2.3	2.1	2.0	-0.6	-0.4	1.1	0.1	1.0	1.0
42.6	41.0	39.5	41.1	42.7	39.6	42.5	41.3	41.2	42.2	45.6	44.4	44.4
12.1	11.9	10.9	10.5	10.3	9.4	9.4	8.8	8.4	8.1	8.6	9.1	9.1
54.6	53.0	50.4	51.7	53.0	49.0	51.8	50.1	49.7	50.3	54.2	53.4	53.4
49.3	47.8	45.4	46.6	48.3	43.9	46.7	44.7	44.4	44.8	48.0	47.3	47.3
-	-	-	45.5	48.3	49.3	49.3	49.3	50.0	50.3	50.6	50.6	50.6
-	-	-	58.6	59.7	59.6	60.2	60.6	60.3	65.1	64.6	62.0	62.0
-	-	-	1.1	0.6	-1.1	-2.6	-4.4	-6.4	-8.2	-4.4	-3.2	-3.2
2.0	2.7	3.2	3.1	2.9	2.6	1.9	1.5	1.3	1.0	0.9	1.0	1.0
3.0	4.3	5.3	4.9	4.4	4.0	2.9	2.2	1.9	1.5	1.4	1.5	1.5

Table 1: Key indicators

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
115.5	115.2	115.8	117.1	118.5	119.9	121.2	123.2	124.1	124.1	125.4	126.5	127.5
65.9	65.6	65.8	66.4	67.2	68.0	68.7	69.4	69.5	69.1	68.6	70.3	71.1
1.1	1.0	1.0	1.0	1.6	1.8	1.8	2.1	1.1	0.8	1.6	1.5	1.7
42.2	45.6	44.4	44.2	45.2	46.7	47.3	47.1	46.6	47.0	47.5	47.8	48.1
8.1	8.6	9.1	9.1	9.6	9.0	9.8	9.6	9.4	10.0	10.2	10.0	10.1
50.3	54.2	53.4	53.4	54.9	55.7	57.4	57.2	56.6	57.6	58.4	58.5	58.5
44.8	48.0	47.3	47.5	48.9	49.3	50.8	50.3	49.7	50.5	51.1	51.2	51.6
65.9	65.6	65.8	66.4	67.2	68.0	68.7	69.4	69.5	69.1	68.6	70.3	71.1
82.1	64.6	62.0	61.6	62.7	63.9	62.9	61.6	62.6	61.7	61.8	61.2	61.6
-8.2	-4.4	-3.2	-3.3	-3.6	-4.9	-3.2	-3.5	-5.4	-3.7	-3.9	-3.8	-3.7
1.0	0.9	1.0	1.0	0.8	0.7	0.8	0.7	0.8	1.5	1.3	1.4	1.4
1.5	1.4	1.5	1.5	1.2	1.0	1.2	1.0	1.1	2.1	1.9	2.0	2.0

Table 1: Key indicators

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
124.1	125.4	126.5	127.6	128.7	129.7	130.8	131.9	132.9	133.9	134.8	135.8	136.8
68.1	68.6	70.3	70.8	71.3	71.8	72.3	72.9	73.4	73.8	74.2	74.6	75.0
0.3	1.6	1.5	1.4	1.3	1.3	1.3	1.4	1.3	1.2	1.2	1.2	1.2
47.0	47.5	47.8	48.2	49.0	49.8	50.6	51.3	51.8	52.3	52.5	52.8	53.1
10.0	10.2	10.2	10.1	10.2	10.3	10.5	10.5	10.6	10.7	10.7	10.8	10.9
57.6	58.4	58.5	59.0	59.8	60.8	61.7	62.5	63.2	63.6	64.0	64.3	64.6
50.5	51.1	51.2	51.6	52.4	53.2	54.0	54.7	55.3	55.7	56.0	56.3	56.5
54.3	54.9	55.3	55.6	56.1	56.9	57.7	58.4	59.0	59.3	59.5	59.8	60.0
61.7	61.8	61.2	61.1	61.5	62.0	62.5	62.8	63.0	63.2	63.3	63.3	63.6
-3.7	-3.9	-3.8	-3.7	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.5	-3.5	-3.5
1.5	1.3	1.4	1.4	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1
2.1	1.9	2.0	2.0	1.9	1.8	1.7	1.7	1.5	1.4	1.5	1.5	1.5

Housing																																											
Households	-	-	-	-	-	-	-	-	-	-	-	49.18	49.54	50.10	50.54	51.13	51.88	52.63	53.16	53.53	54.19	54.82	55.42	55.99	56.57	57.16	57.77	58.37	58.93	59.48	60.04	60.60	61.17	61.75	62.33	62.92	63.50	64.08	64.67	65.26	65.86	66.46	
Demand for dwellings	-	-	-	-	-	-	-	-	-	-	-	52.83	53.22	53.83	54.31	54.96	55.78	56.54	57.10	57.50	58.21	58.89	59.53	60.15	60.77	61.41	62.06	62.70	63.30	63.89	64.49	65.10	65.71	66.33	66.96	67.59	68.21	68.84	69.47	70.11	70.75	71.39	71.99
Environment																																											
Total carbon emissions (k tonnes)	-	-	-	-	-	-	-	-	-	-	-	848.8	868.5	842.0	817.3	738.7	762.7	761.7	752.3	738.0	732.4	728.3	701.5	680.4	668.5	653.8	632.1	598.6	583.2	590.8	595.9	601.4	599.2	597.0	594.9	593.0	591.2	589.5					
Total carbon emissions per head	-	-	-	-	-	-	-	-	-	-	-	7.1	7.2	6.8	6.6	6.0	6.1	6.0	5.9	5.7	5.6	5.6	5.3	5.1	5.0	4.8	4.7	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.1	4.0					

Table 2: Key indicators annual percentage change\*

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
	-	-3.5	-1.3	1.9	2.0	1.8	1.6	-0.6	-0.5	0.7	-0.3	0.5
	-	-5.2	-1.6	2.4	2.4	2.3	2.1	-1.1	-1.4	0.5	-0.5	0.3
	-	-	2.7	3.6	0.1	-0.2	-0.1	-2.6	0.2	1.5	-1.0	0.9
	-	-3.6	-3.7	4.1	3.9	-7.3	7.2	-2.7	-0.1	2.3	7.9	-2.6
	-	-0.9	-0.0	3.0	-2.4	-8.8	-0.2	-6.1	-4.1	-3.7	5.8	5.6
	-	-3.0	-4.9	2.5	2.6	-7.6	5.8	-3.3	-0.8	1.3	7.6	-1.3
	-	-3.1	-5.0	2.6	2.6	-8.1	6.3	-4.2	-0.8	0.8	7.3	-1.4
	-	-	-	1.7	1.7	0.7	-0.4	3.4	-1.0	-3.4	-2.0	-3.4
	-	-	-	1.1	0.0	0.6	-0.3	2.4	2.1	-0.5	-2.6	-2.6
	-	-	-	-	-0.5	-4.7	1.5	-1.8	-2.0	-1.8	3.8	1.1
	-	36.1	20.5	-4.4	-8.0	-8.7	-26.5	-23.6	-13.1	-19.9	-10.5	5.2
	-	1.3	1.0	-0.4	-0.5	-0.5	-1.1	-0.6	-0.3	-0.4	-0.2	0.1

Table 2: Key indicators annual percentage change\*

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
0.7	-0.3	0.5	1.1	1.2	1.2	1.1	1.6	0.7	0.0	1.0	0.9	
0.5	-0.5	0.3	0.9	1.2	1.2	1.0	1.0	0.1	-0.6	0.8	1.0	
1.5	-1.0	0.9	0.6	0.2	0.0	-0.2	0.5	-1.0	-0.8	1.3	-0.1	-
2.3	7.9	-2.6	-0.3	2.3	3.2	1.3	-0.6	-0.9	0.9	1.0	0.7	
-3.7	5.8	5.6	0.5	5.4	-6.8	9.4	-2.2	-1.5	6.1	1.4	-1.3	
1.3	7.6	-1.3	-0.1	2.8	1.4	3.1	-0.4	-0.9	1.7	1.4	0.3	
0.8	7.3	-1.4	0.3	3.1	0.7	3.0	-0.9	-1.2	1.7	1.0	0.3	
4.1	-1.0	3.4	0.4	3.3	3.2	-4.3	-2.3	-2.3	-4.1	1.2	0.1	
2.1	0.5	-2.6	-0.5	1.2	1.1	0.9	-1.3	0.9	-0.9	0.1	0.5	-
-1.8	3.8	1.1	-0.1	-0.2	-1.3	1.7	-0.3	-1.9	1.6	-0.1	0.1	
-19.9	-16.5	5.2	1.5	-15.0	-20.6	24.9	-11.9	7.9	89.7	-9.3	6.3	
-0.4	-0.2	0.1	0.0	-0.2	-0.3	0.2	-0.2	0.1	1.0	-0.2	0.1	