

Profile of Eastleigh Borough:

Part C: Environment

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Profile Framework

PART	SECTION	STRATEGIC THEMES
A.	1. Introduction	With a view to achieving the Borough's sustainable development (i.e. meeting the needs of current generations of residents without compromising the ability of future generations to meet their needs), Eastleigh Borough Council has adopted 4 strategic themes, which it aims to pursue simultaneously in a balanced and fully integrated manner
	2. Boundaries	
B.	3. Population	
C.	4. Environment	<p>Environment and Transport Theme</p> <p>Maintaining an attractive and sustainable environment that residents value, primarily by :</p> <ul style="list-style-type: none"> ● tackling congestion ● developing green infrastructure
D.	5. Transport	<ul style="list-style-type: none"> ● facilitating an excellent environment for all ● minimising waste and managing resources
E.	6. Health	<p>Health and Well-being Theme</p> <p>Promoting thriving and healthy communities, primarily by:</p> <ul style="list-style-type: none"> ● enabling healthier lifestyles and improved well-being ● tackling health inequalities and deprivation
F.	7. Recreation	
G.	8. Community	
H.	9. Community Safety	
I.	10. Deprivation	
J.	11. Housing	<p>Housing and Development Theme</p> <p>Meeting the demand for homes that match residents' current and future needs, primarily by:</p> <ul style="list-style-type: none"> ● securing an increased provision and more diverse mix of housing ● ensuring appropriate infrastructure, including employment land
K.	12. Employment	<p>Economy Theme</p> <p>Developing a strong and sustainable economy that supports improved standards of living for residents, primarily by:</p> <ul style="list-style-type: none"> ● enabling the right skills and employment mix ● reinvigorating town and local centres
L.	13. Education	

Note: the Borough Wards in this profile are based on the pre-2018 boundaries

Section Contents

NO.	SECTION
(4)	Environment
4.1	Land Use
4.2	Rural / Urban Classification
4.3	Built and Historic Environment
4.4	Countryside and Coast
4.5	Biodiversity
4.6	Flooding, Water Supply, and Waste Treatment
4.7	Pollution
4.8	Household Waste
4.9	Cleanliness and Enviro-crime
4.10	CO ₂ Emissions

(4) Environment: Borough Summary

POPULATION, AREA & DENSITY	2001		2011		CHANGE	
	NO.	%	NO.	%	NO.	%
Usual residents	116,169	100	125,199	100	+9,030	+7.8
Area in hectares (Ha)*	7,977.6	-	7,977.6	-	0.0	0.0
Persons per hectare (Ha)	14.6	-	15.7	-	+1.0	+7.5

Everything Eastleigh:
Facts, Figures and Statistics

*Total land area (2006 coverage) = 79.776 sq. km² = 7,977.6 hectares (Ha) = 30.8 sq. miles
 Total administrative area (2010 coverage), which is calculated at mean high water level and includes coastal waters & part of Southampton Water = 85.268 sq. km² = 8,526.8 hectares (Ha) = 32.9 sq. miles

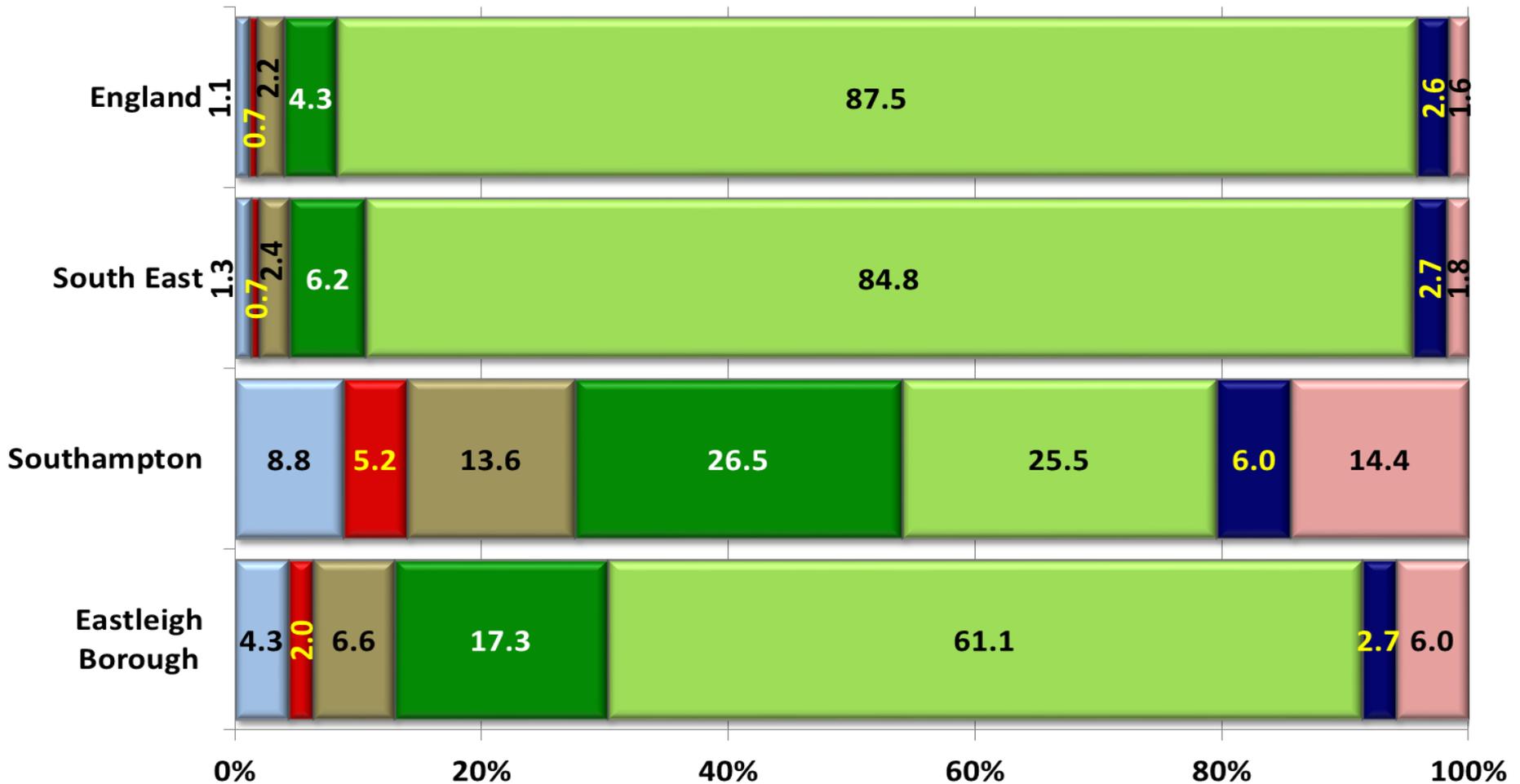
(4.1.1) Land Use: Various

Everything Eastleigh:
Facts, Figures and Statistics

Various: Land Use in Percentages (January 2005)

Source: Generalised Land Use Database

■ Domestic Buildings
 ■ Non domestic buildings
 ■ Road
 ■ Domestic Gardens
 ■ Green-space
 ■ Water
 ■ Other



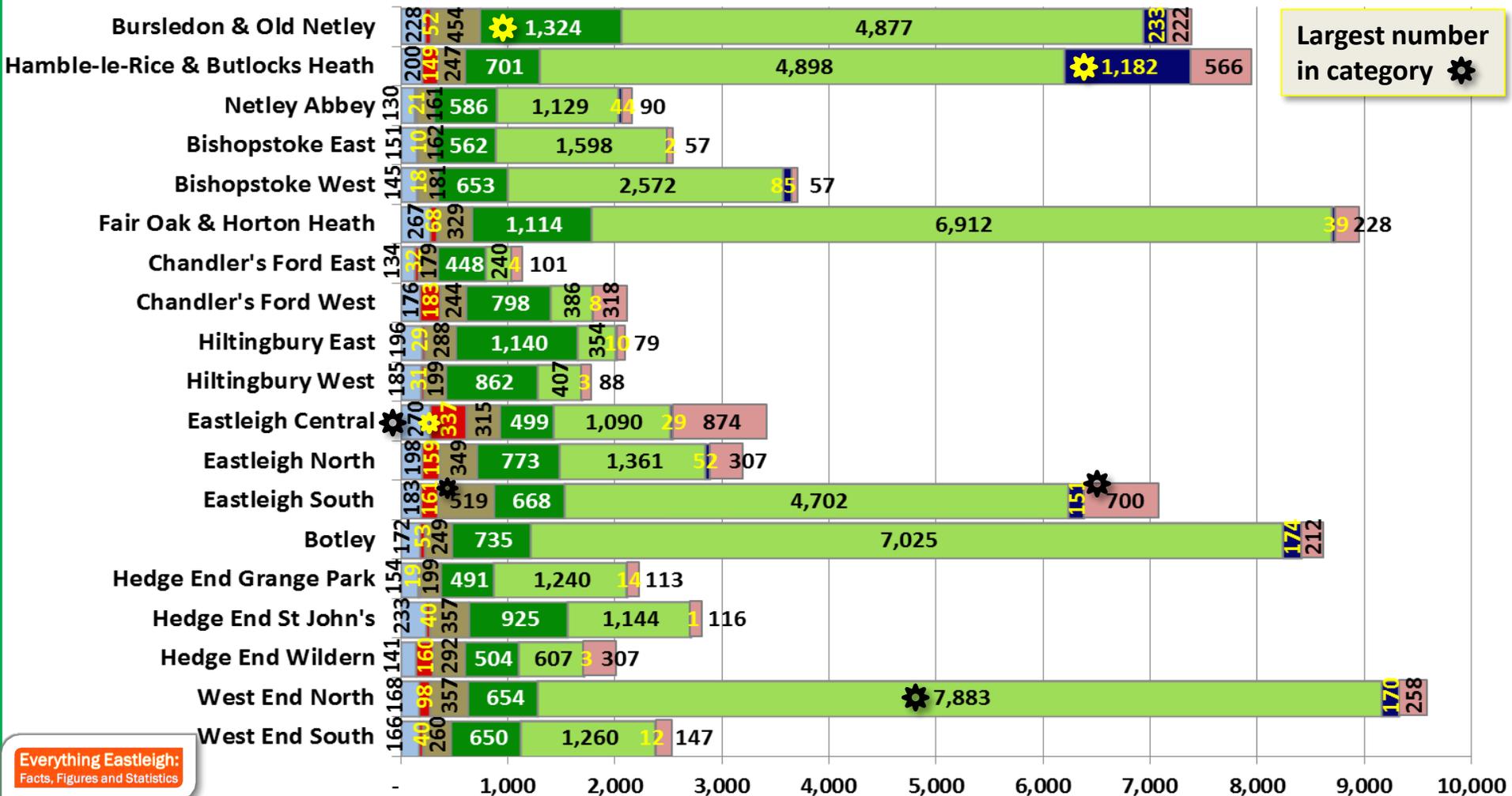
(4.1.2) Land Use: Wards

Eastleigh Borough Wards: Land Use in Thousand Square Metres (January 2005)

Source: Generalised Land Use Database

■ Domestic buildings
 ■ Non-domestic buildings
 ■ Road
 ■ Domestic gardens
 ■ Green-space
 ■ Water
 ■ Other

Largest number in category



(4.1.3) Land Use: Wards

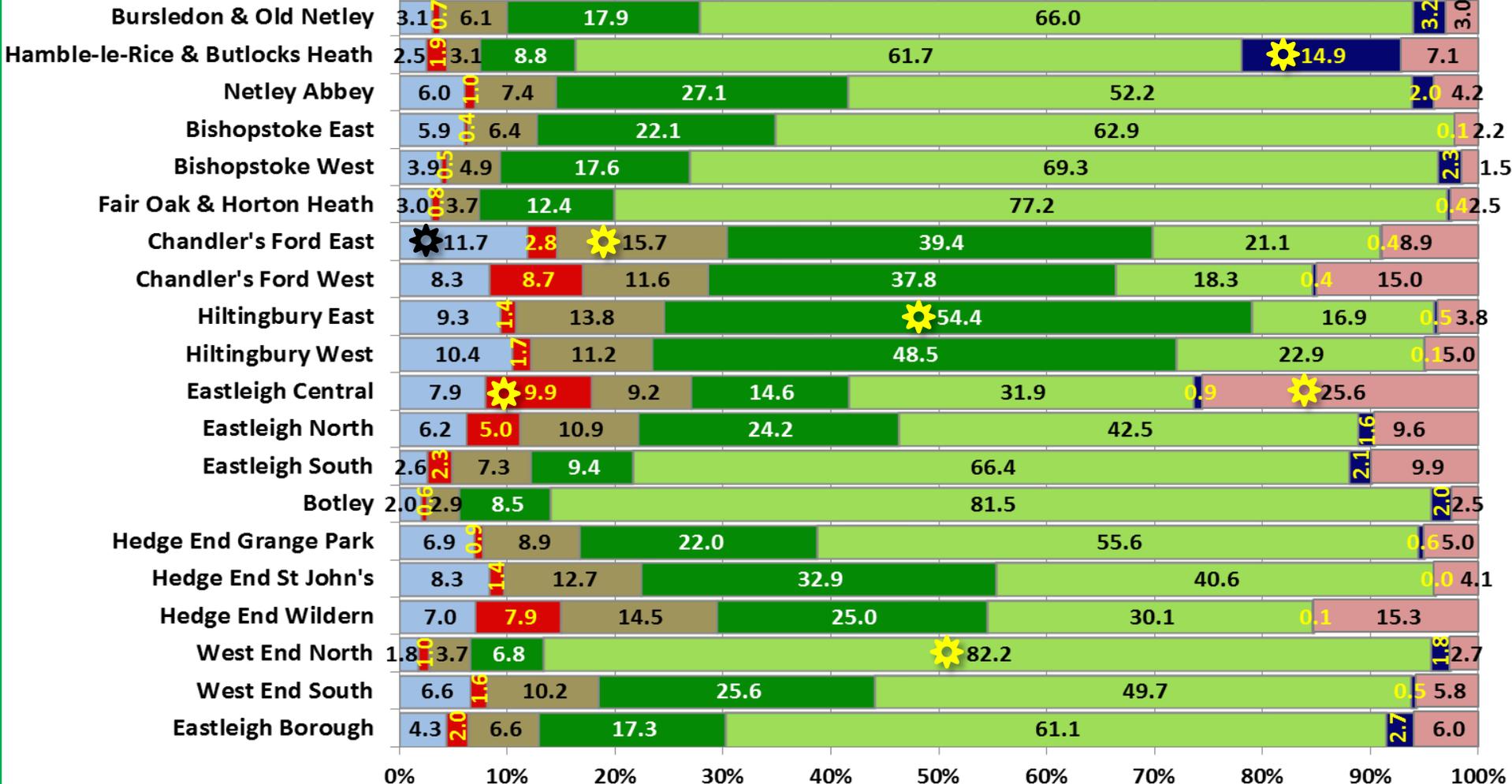
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Eastleigh Borough Wards: Land Use in Percentages (January 2005)

Largest % in category 

Source: Generalised Land Use Database

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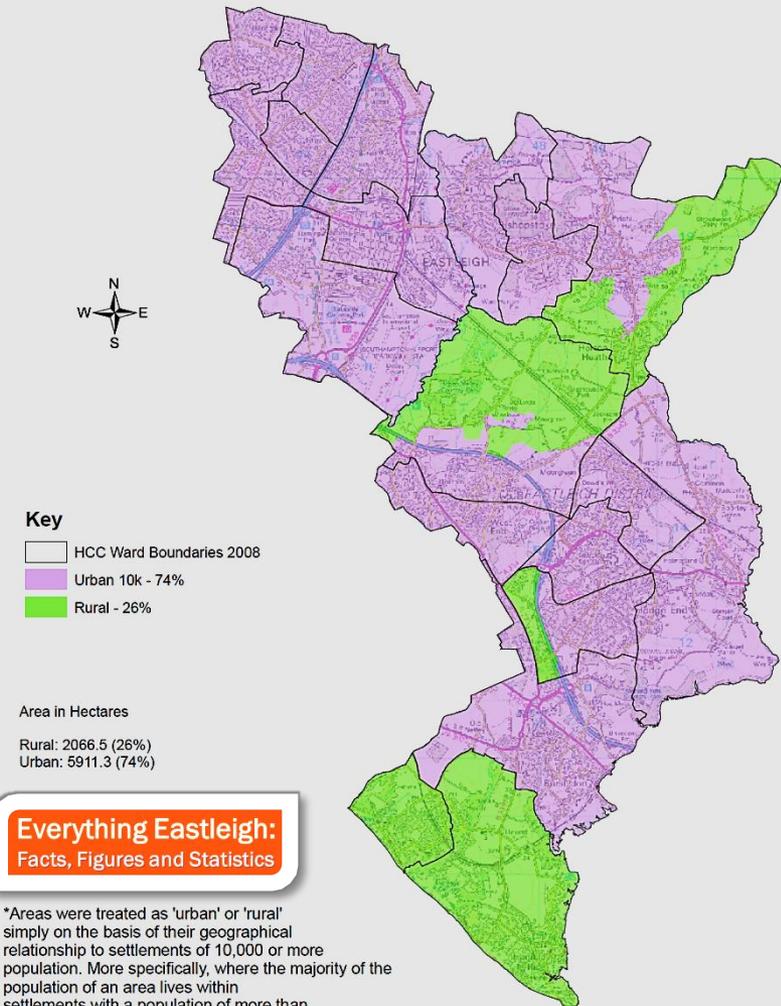


(4.2) Rural / Urban Classification

DWELLINGS, POPULATION & LAND AREA BY RURALITY

	Dwellings (2011)		Population (2011)		Land Area (2004)	
	No.	%	No.	%	Hectares	%
Urban > 10,000*	46,355	88.0	109,396	88.6	5911.3	74
Town & Fringe	5,693	10.8	12,595	10.2		
Village	124	0.2	255	0.2	2066.5	26
Hamlet & Isolated Dwellings	500	1.0	1,201	1.0		
TOTAL	52,672	100	123,447	100	7977.8	100

2004 Rural & Urban Classification for Output Areas - Eastleigh (including ward boundaries)



*An area is treated as urban when the majority of the population in that area lives within settlements with a population of more than 10,000 people.

Source: Hampshire County Environment Department's 2011 based Small Area Population Forecasts.

(4.3) Built & Historic Environment

Built Environment

- Varied in age & quality, includes new housing estates & industrial areas, older established areas & attractive conservation areas. The **legacy of Borough's industrial past** remains in the form of older, industrial buildings & infrastructure, especially those linked to railway activities
- Significant **new development** in recent decades has enlarged & changed the character of some settlements. As these are close to each other & the City of Southampton, there is a threat they could **merge**, as West End has already done with Southampton

Historic Environment

- Oldest settlements** are on the coast & along the Itchen & Hamble rivers, at Hamble, Netley, Bursledon, Botley & Bishopstoke. Their centres are conservation areas & contain most of Borough's listed buildings & scheduled ancient monuments
- Borough has a **strong transport heritage** based on longstanding links to **marine** industry (still evident on the River Hamble), **rail** industry (esp. at Eastleigh) & **aviation** industry (incl. development of Spitfire & early helicopters at Hamble & Eastleigh)
- There are also many **historic parks & gardens**



(4.4) Countryside & Coast

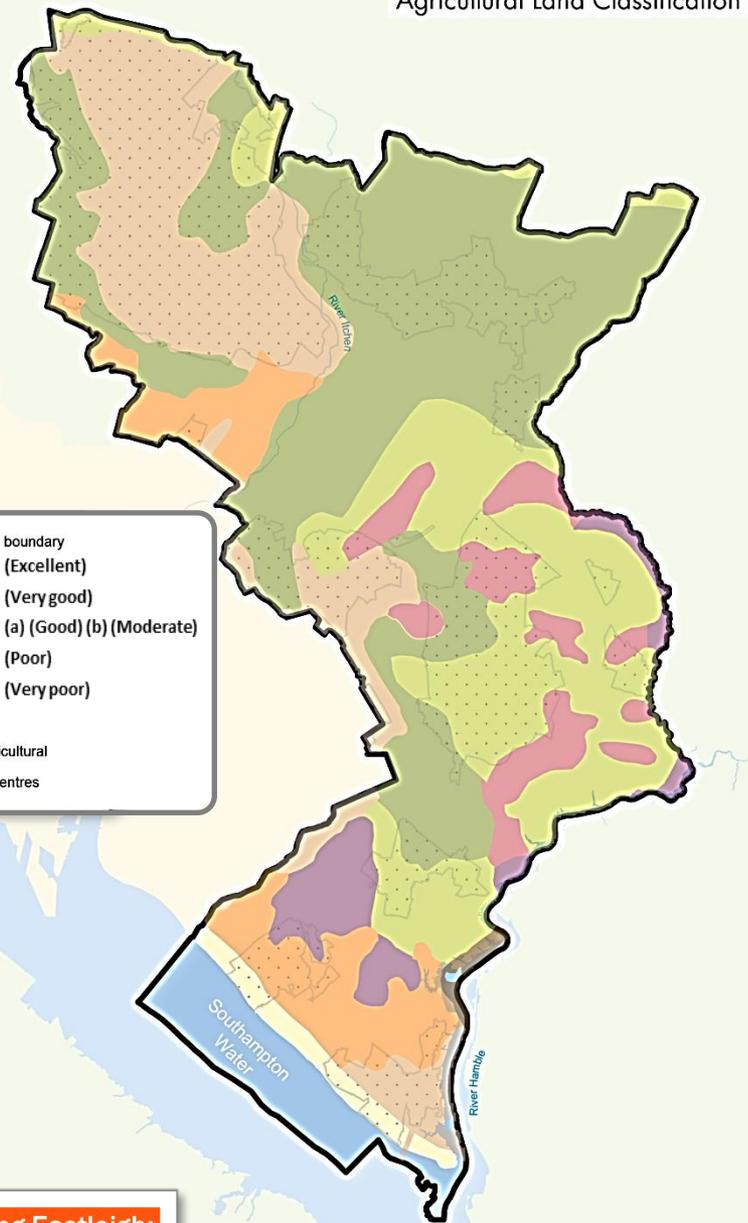
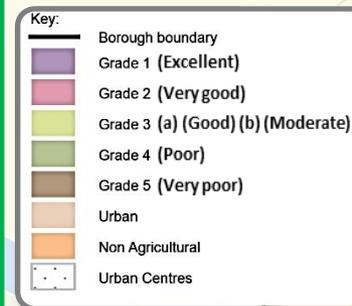


Countryside

- The countryside has fairly varied **topography**, ranging from undulating, treed landscapes in north to more open & coastal landscapes in centre & south. Areas of landscape, biodiversity & amenity value are fairly limited
- **Urban development** has reduced & sometimes eliminated countryside areas between settlements, & much of Borough may be viewed as urban fringe
- **Agricultural land** quality is quite high, especially along eastern boundaries & within the Hamble Peninsula, which was used historically for horticulture. There is evidence that the remaining agricultural enterprise is declining in some areas

Coast

- The Borough's coast has frontage to **Southampton Water** extending from Netley to Hamble-le-Rice, & frontage along western shores of **Hamble Estuary**. Much of former is accessible, but much of latter is privately owned. Former includes low cliffs which, though subject to slow erosion, offer protection from anticipated sea-level rise. However, some lower-lying areas will become at **risk of inundation**, especially those adjoining Weston Shore, Royal Victoria Country Park, & Hamble Estuary

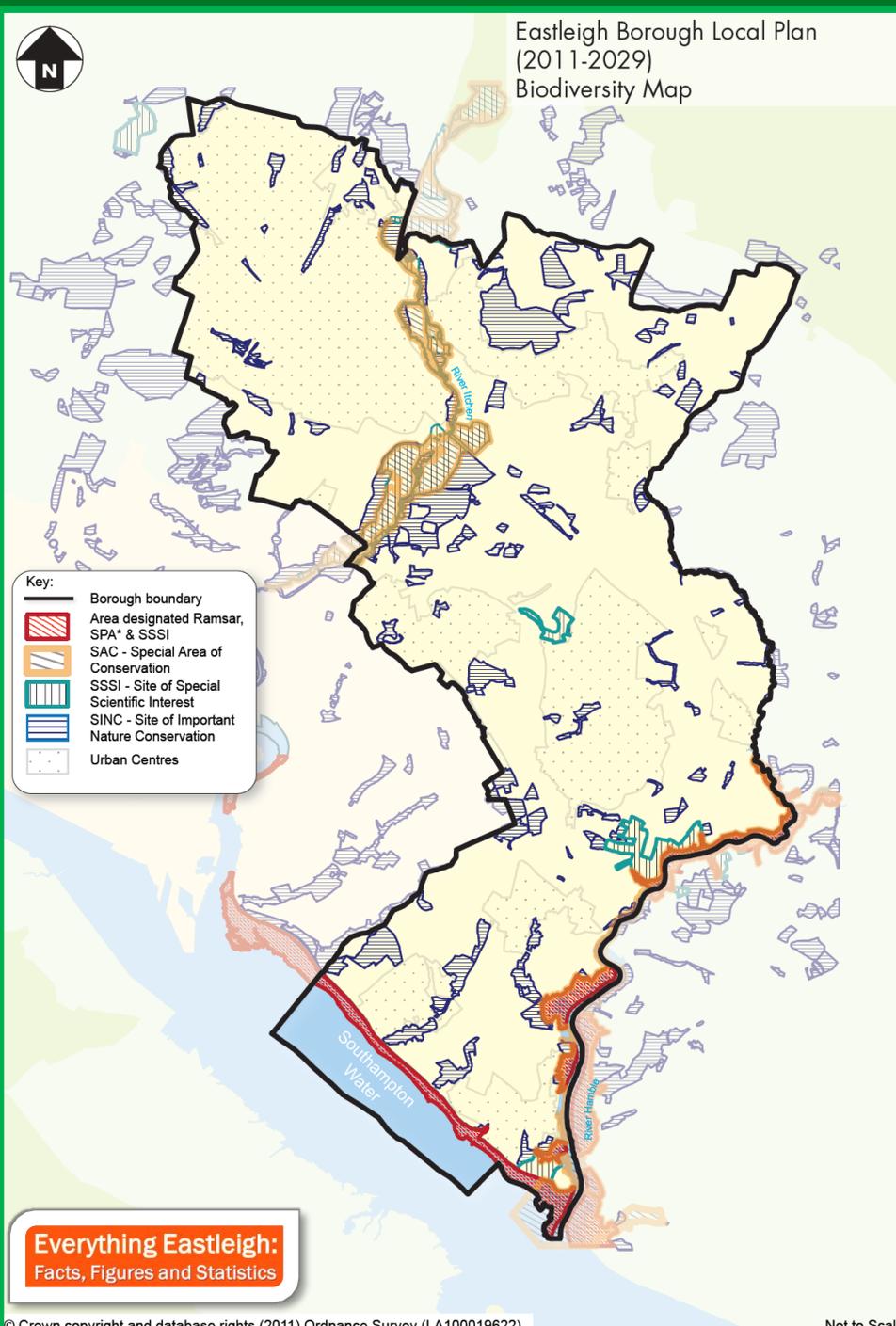


(4.5) Biodiversity



Biodiversity-related Issues

- Although only 13% of the Borough's land area is covered by **nature conservation designations**, many are of European & international significance. These include the Itchen & Hamble rivers, & much of the coast
- There are national **Biodiversity Action Plan (BAP)** priority habitats covering over 20% of the Borough's land, as well as **Biodiversity Opportunity Areas (BOAs)**, such as the Itchen Valley, Forest of Bere, and the Solent & Hamble catchments
- There are, however, concerns about the **River Itchen's water quality** & recreational pressures on **coastal wildfowl habitats**
- **Urban areas** also contain wildlife features such as streams, hedgerow corridors & small wooded areas, but many are affected by development pressures & pollution from human activity
- More **housing development** could add to pressures on the Borough's own biodiversity and that of neighbouring areas. These include the Solent coast and the New Forest



(4.6) Flooding, Water Supply, & Waste Treatment

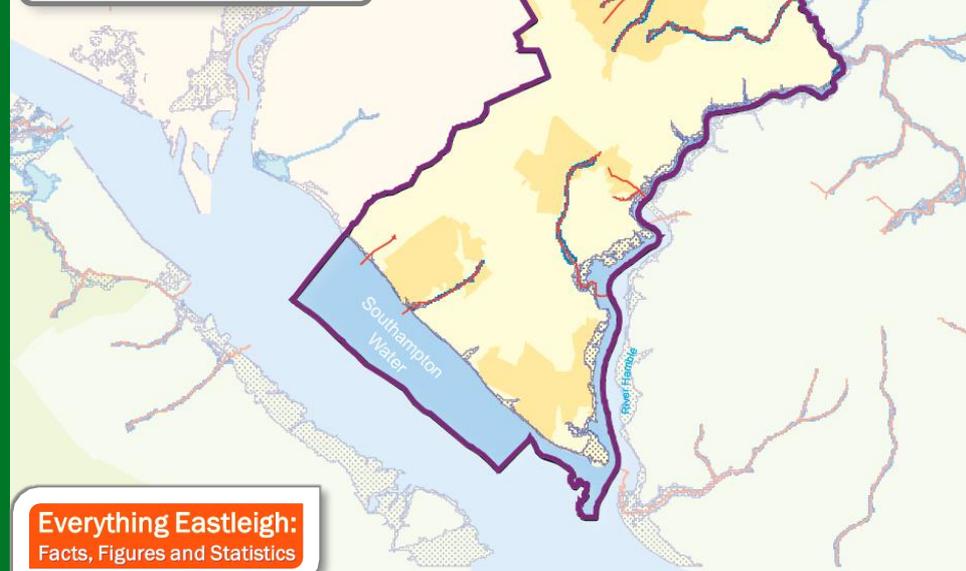
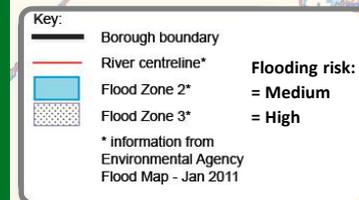


Flooding

- Although the Borough borders the coast and includes rivers & their tributaries, flooding & coastal erosion are not likely to be major issues for the next decade or so. However, there are **localised instances of flooding**, particularly surface water flooding, which are likely to worsen in the longer term with **climate change**

Water Supply & Waste Treatment

- Water supply** is a potential longer term concern across the sub-region & the south-east region
- There is a large **waste treatment works** at Chickenhall Lane, Eastleigh, but the Borough also depends on treatment works outside its boundaries, including Peel Common in Fareham Borough
- Treatment capacity is viewed as adequate to serve development proposed across the sub-region, including the Borough, but **sewerage infrastructure** connecting new development to treatment works in many areas needs renewal & upgrading, while outfall water quality needs to be improved



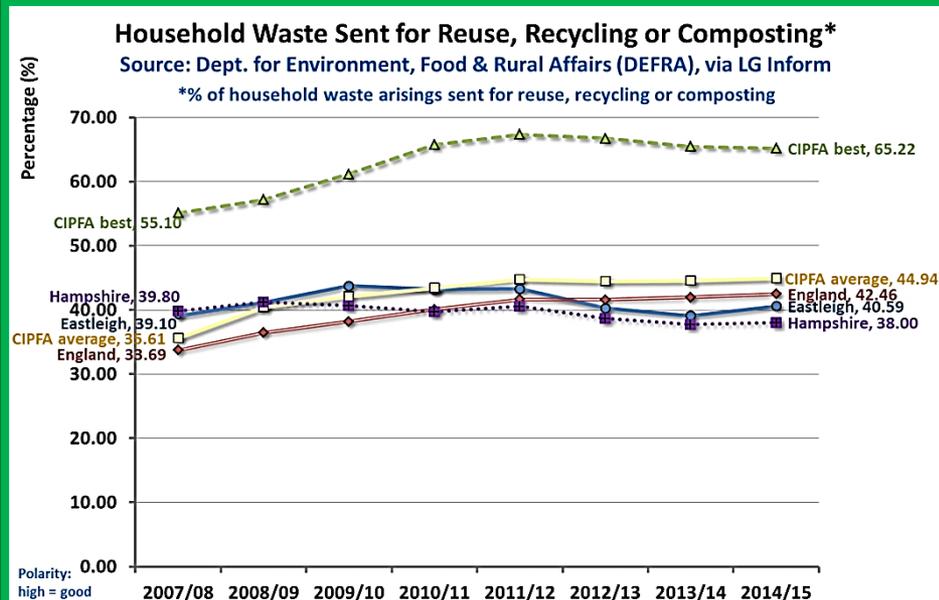
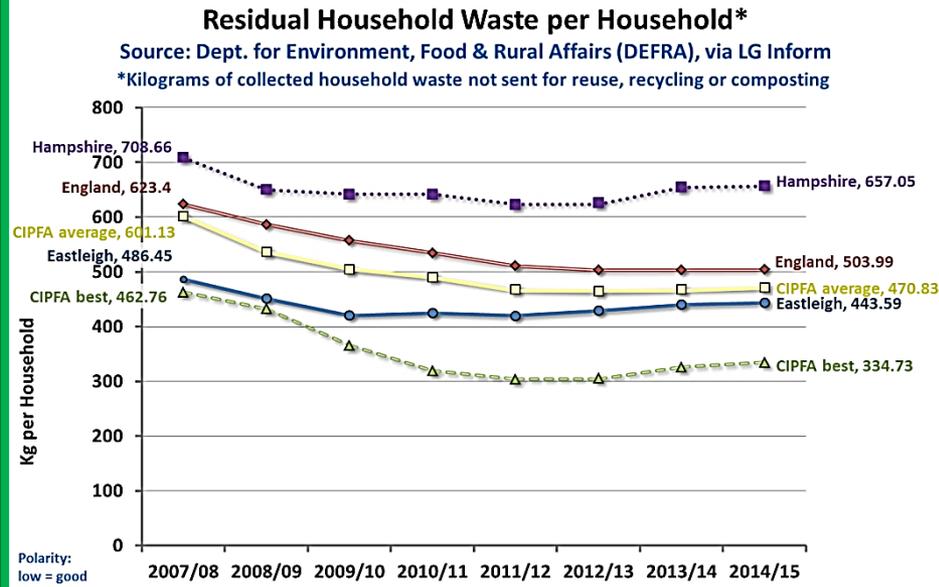
(4.7) Pollution

(4.8) Household Waste

Pollution

- The Borough suffers pollution of **various types**.
- There are significant areas of **air pollution** caused by road traffic. Air quality management zones are in place alongside the M3 motorway, the A335 Leigh Road / Southampton Road in Eastleigh, Windhover Roundabout & Hamble Lane at Bursledon, and the A334 through Botley
- Motorways, airport and railways give rise to **noise pollution**
- There is some **land contamination** from past waste tipping and industrial activity, and potential for **water pollution** arising from this and from the waste water treatment works at Chickenhall Lane, Eastleigh. The latter is managed by Southern Water in line with discharge consents and abstraction licences put in place by the Environment Agency

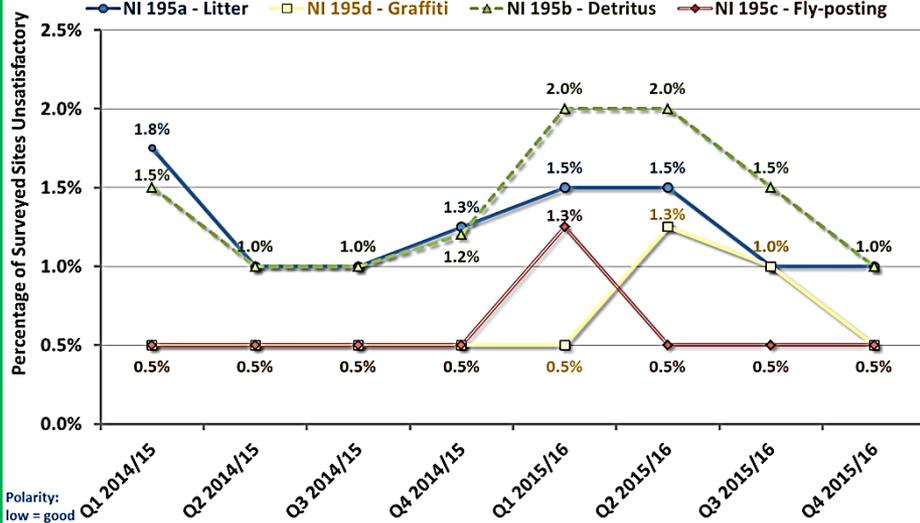
Key:
CIPFA = A group of councils made up of Eastleigh Borough's nearest statistical neighbours



(4.9) Cleanliness & Enviro-crime

Eastleigh Borough: Environmental and Street Cleanliness

Source: Direct Services Unit, Eastleigh Borough Council



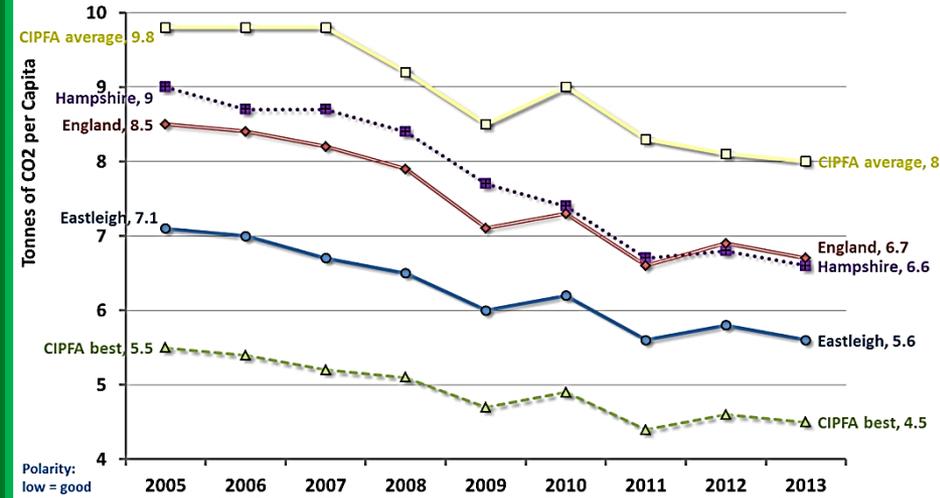
Polarity: low = good

(4.10) CO₂ Emissions

Estimates of Total CO₂ Emissions Per Capita*

Source: Department of Energy and Climate Change (DECC), via LG Inform

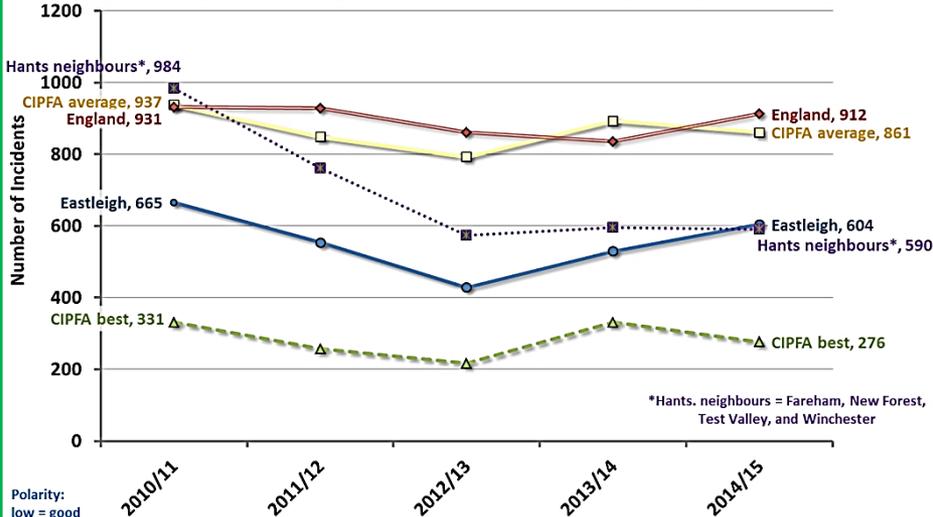
*Estimated carbon dioxide emissions for all sectors at a local authority level



Polarity: low = good

Recorded Fly-tipping Incidents

Source: Dept. for Environment, Food, and Rural Affairs (DEFRA), via LG Inform



*Hants. neighbours = Fareham, New Forest, Test Valley, and Winchester

Polarity: low = good

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