

# South Somerset Healthcare

## Federation profile

### Part of the SOMERSET JOINT STRATEGIC NEEDS ASSESSMENT

## Practices in Federation

Abbey Manor Medical Practice  
Church Street Surgery  
Dr Gaymer and Partners (Milborne Port Surgery)  
Hamdon Medical Centre  
Hendford Lodge Medical Centre  
Ilchester Surgery  
North Street Surgery (Langport)  
Oaklands Surgery  
Penn Hill Surgery  
Preston Grove Medical Centre  
Queen Camel Health Centre  
Ryalls Park Medical Centre  
Somerton Surgery (Cox's Yard)  
Westlake Surgery (Dr Cox)  
Westlake Surgery (Dr Smith)  
Wincanton Health Centre  
Yeovil Health Centre

## Introduction

This is the third Federation profile, produced to complement the sixth practice profiles. The document aims to provide an overview of demographic, health and service use data at a Federation level.

For this profile some information on the wider determinants of health have been estimated.

For some indicators a comparison time period is included.

This document aims to aid Federations in the identification of health needs, priority areas and potential service interventions that could be commissioned or provided.

To assist with this work a series of prompts and questions have been added to the bottom of some pages. They are designed to aid the interpretation of the data provided and enable the reader to draw conclusions about health needs, priority groups and areas for action.

The information, together with other data held within the Federation can then be used as a rudimentary health needs assessment and could be used to inform decisions within the Federation.

A brief template to assist with a Health Needs Assessment has been produced and will be circulated with the pack.

There follows an outline of the construction of the Index of Multiple Deprivation.

## Index of Multiple Deprivation

**Multiple Deprivation** - The Index of Multiple Deprivation measures multiple deprivation at small area level. The model of multiple deprivation underpinning this is based on the idea of distinct dimensions of deprivation, experienced by individuals living in an area which can be recognised and measured separately. People could be counted in one or more domains depending on the number of types of deprivation that they experience.

**Income deprivation domain** - relates to the proportion of the population living in low income families, which are those reliant on means tested benefits. The domain score is therefore the proportion of the population living in low-income families. **The Income Deprivation Affecting Children Index** and **The Income Deprivation Affecting Older People Index** are two age based summaries.

**Employment deprivation domain** - defined as involuntary exclusion of the working age population from work and includes elements of the "hidden unemployed" such as those out of work due to illness and disability.

**Health deprivation and Disability domain** - identifies areas with relatively high rates of people who die prematurely or whose quality of life is impaired by poor health or who are disabled.

**Education, Skills and Training deprivation domain** - consists of two sub-domains: one relating to the lack of educational attainment among children and young people and one relating to lack of qualifications in terms of skills among the working age population.

**Barriers to Housing and Services domain** - the purpose of this domain is to measure the barriers to housing and key local services (GP premises, supermarkets, primary schools and post offices). The indicators fall into two sub-domains "geographical barriers" and "wider barriers". The latter include issues relating to access to housing.

**The Living Environment domain** - consists of two sub-domains: the "indoors" living environment which measures the quality of housing and the "outdoors" living environment which includes measures of air quality and road traffic accidents.

**The Crime domain** - measures the rate of recorded crime for four key dimensions of crime. These are burglary, theft, criminal damage and violence as these are deemed to represent levels of personal and material victimisation at a small area level.

*Reproduced from Exeter City Council summary of Index of Multiple Deprivation Concepts and Definitions - for a more complete description and details of the variables used to construct the domains see the communities and local government website:*

[The English Indices of Deprivation 2010: Technical Report - Corporate - Department for Communities and Local Government](#)

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## Presentation of data

Data are presented in tables and graphs.

### Tables

Tables vary in content, but all contain a comparison of the Federation with the other Federations and with Somerset. Occasionally there is also a National comparison. The highest and lowest Federation values across Somerset are shown.

Where possible an indication is made of whether the differences observed are due to chance or are potentially significant:

Green highlighting indicates that the Federation value is statistically significantly lower than the Somerset average

Pink highlighting indicates that the Federation value is statistically significantly higher than the Somerset average

(this colour coding is reversed if a high value of the indicator is more desirable, for instance the percentage of people dying at home)

### Graphs

The absolute levels of indicators can be on very different scales. In order to show a group of indicators on the same graph the values have been "Normalised".

Normalised score = the difference between the value and the minimum expressed as a percentage of the range of Federation values in Somerset

For example if for indicator X the lowest value in Somerset is 6 and the highest is 11, then the range in Somerset is 5. If the Federation has a value of 7 then the normalised score is  $(7 - 6)/(11 - 6) = 0.2$

The position of the blue circle indicates where the Federation value falls in relation to the other Somerset Federations, which are shown as green diamonds.

If the Federation markers are not equally spread it means that the distribution of values is not symmetric.

Comments about the Federation values will be written in the yellow boxes following the graphs if the Federation has an extreme value or if it is significantly higher or lower than the Somerset average.

Some indicators are shown comparing the chosen Federation (in blue) with the rest of the Federations (pale green) and Somerset (red) and England (dark red). Not all indicators are graphed in this way in order to limit the size of the pack.

### Interpretation

When assessing whether a finding needs further investigation it is worth remembering that:

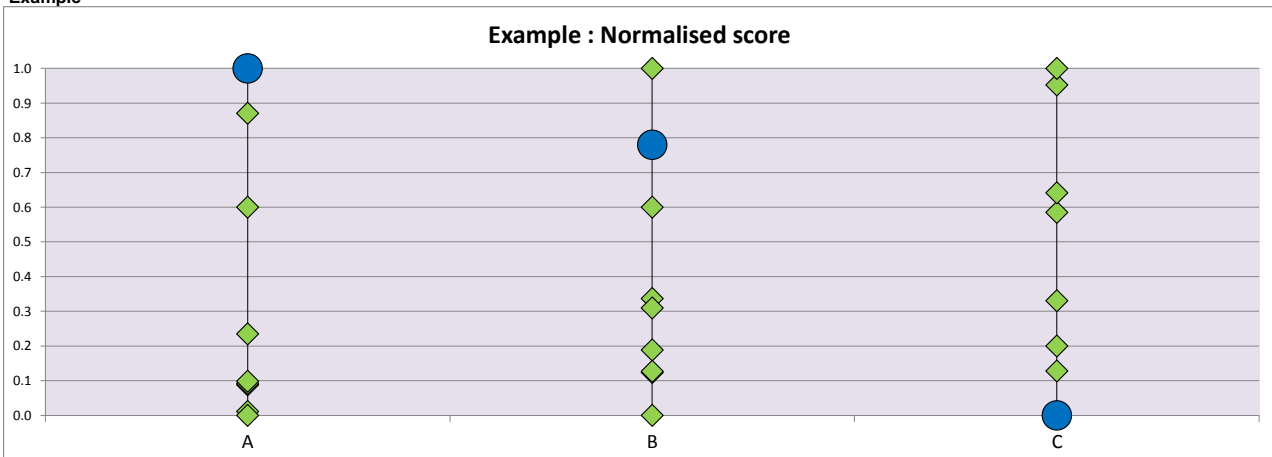
A value can be extreme (eg the "highest" or "lowest") without necessarily being statistically significantly different to the Somerset average.

A statistically significant difference does not necessarily indicate the Federation has an extreme value (highest or lowest value).

A statistically significant difference might not be a clinically significant difference.

Example	Position of blue marker	Federation value is...
A	At 1.0	The highest
B	between 0.0 and 1.0	an intermediate value
C	At 0.0	The lowest

### Example

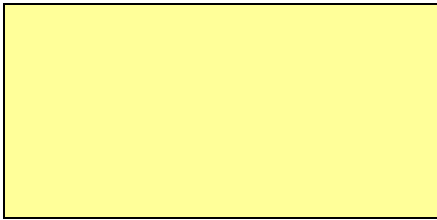


## South Somerset Healthcare

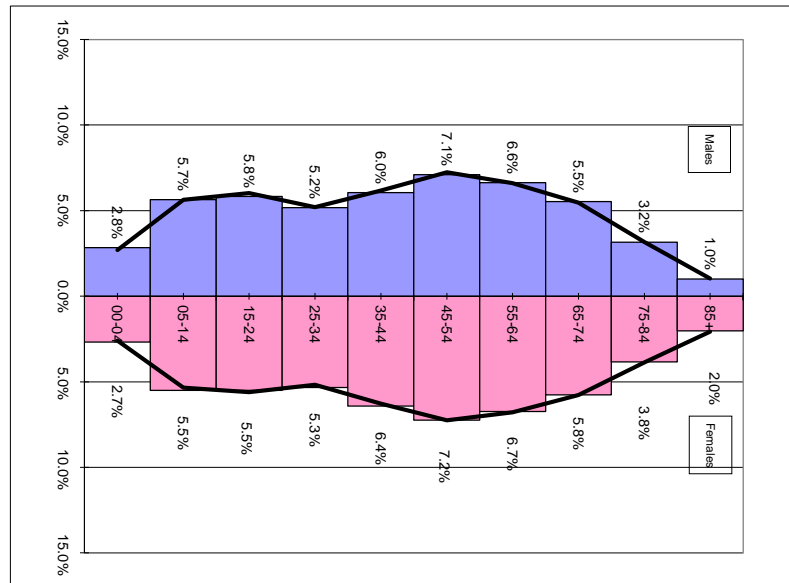
**Population at April 2012** 109,422

### South Somerset Healthcare

Age Group	Males	Females
00-04	3,101	2,929
05-14	6,183	6,024
15-24	6,378	6,020
25-34	5,666	5,832
35-44	6,618	7,025
45-54	7,774	7,916
55-64	7,251	7,381
65-74	6,042	6,309
75-84	3,453	4,202
85+	1,102	2,216

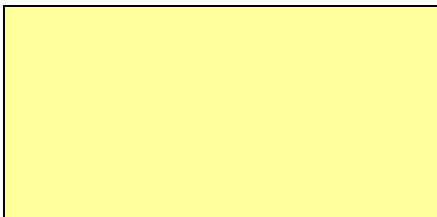


Age/sex Population pyramid. Solid line represents Somerset as a whole.  
Data from Exeter system download of GP registered patients.



### Somerset

Age Group	Males	Females
00-04	14,656	14,135
05-14	30,635	29,141
15-24	32,816	30,527
25-34	28,366	28,132
35-44	33,562	34,235
45-54	39,416	39,464
55-64	35,967	36,979
65-74	29,749	31,413
75-84	17,186	21,030
85+	5,642	11,277



Proportion in age range	Federation	Somerset	England (mid 2012 projection)	Range of Federation values
0-14	17%	16%	18%	12% to 17%
75+	10%	10%	8%	8% to 15%
Female 15-44	17%	17%	20%	15% to 18%



## South Somerset Healthcare

**ASTRO-PUs at April 2012**

**739,599**

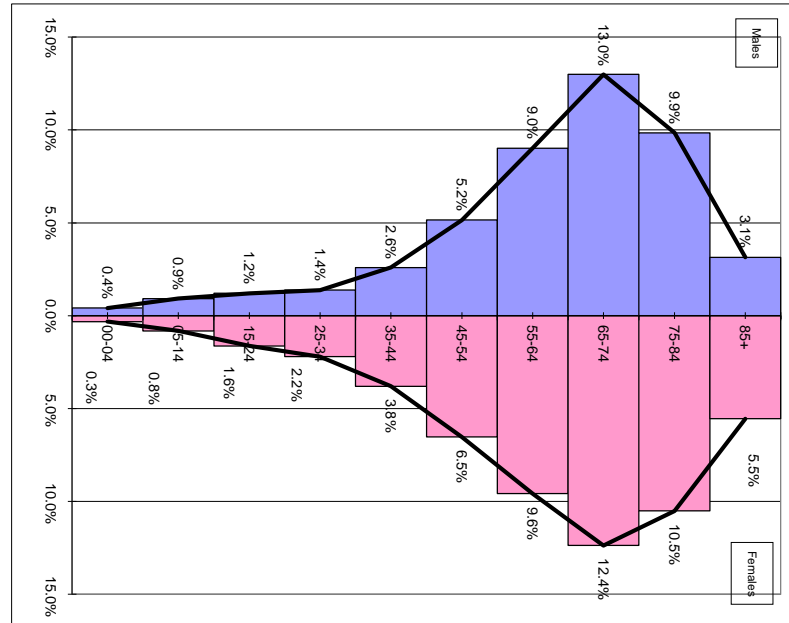
Age/Sex ASTRO-PU pyramid  
 Solid line represents Somerset as a whole.  
 Data from Exeter system download of GP registered patients.

ASTRO-PUs are units based on the population and temporary residents at a Federation and are used to help with prescribing budgets. Weighting of the population is higher for the sections of the population expected to need more prescribing spend.

### South Somerset Healthcare

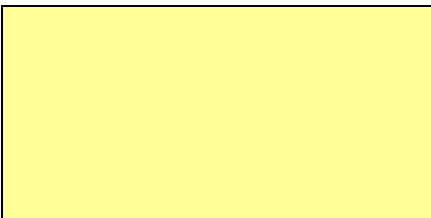
Age Group	Males	Females
00-04	3,101	2,343
05-14	6,801	6,024
15-24	8,929	12,040
25-34	10,199	16,330
35-44	19,192	28,100
45-54	38,093	48,288
55-64	66,709	70,858
65-74	96,068	91,481
75-84	72,858	77,737
85+	23,252	40,996
Temporary residents	201	

The ASTRO-PU distribution reflects the Federation population profile.



### Somerset

Age Group	Males	Females
00-04	14,656	11,308
05-14	33,699	29,141
15-24	45,942	61,054
25-34	51,059	78,770
35-44	97,330	136,940
45-54	193,138	240,730
55-64	330,896	354,998
65-74	473,009	455,489
75-84	362,625	389,055
85+	119,046	208,625
Temporary residents	692	



The aim of this section is to identify what age and genders would have specific health needs.

- Does the Federation population broadly mirror the PCT average (black line)?
- If not then note which gender and age groups differ as this may be useful when targeting and/or planning services, for example higher number of neonates and children and possible implications for childhood immunisations?

# South Somerset Healthcare

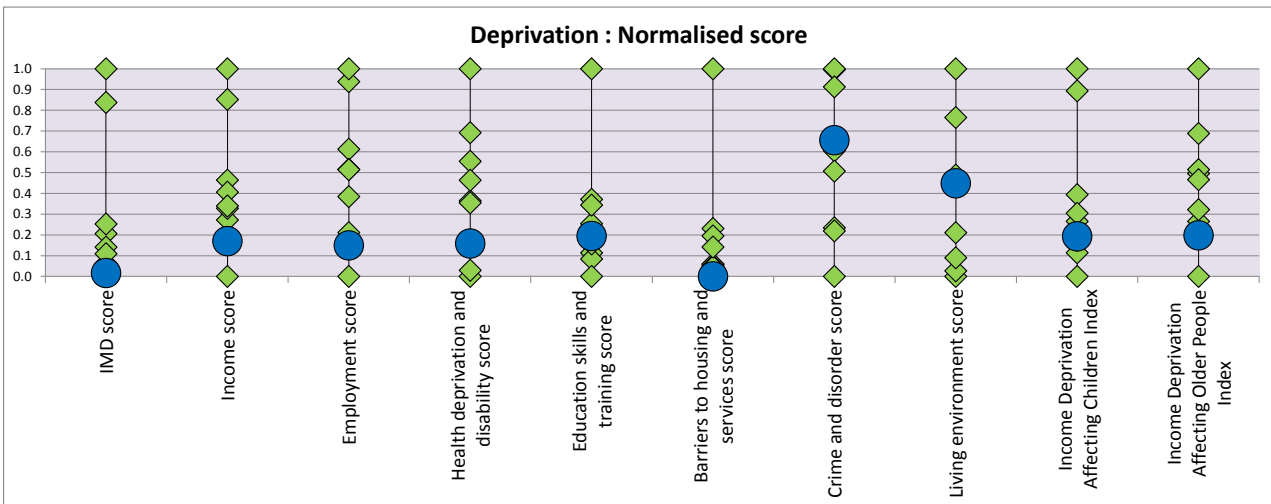
## Deprivation

Index of Multiple Deprivation 2010 and its domains.  
Calculated for Federation population in April 2012.

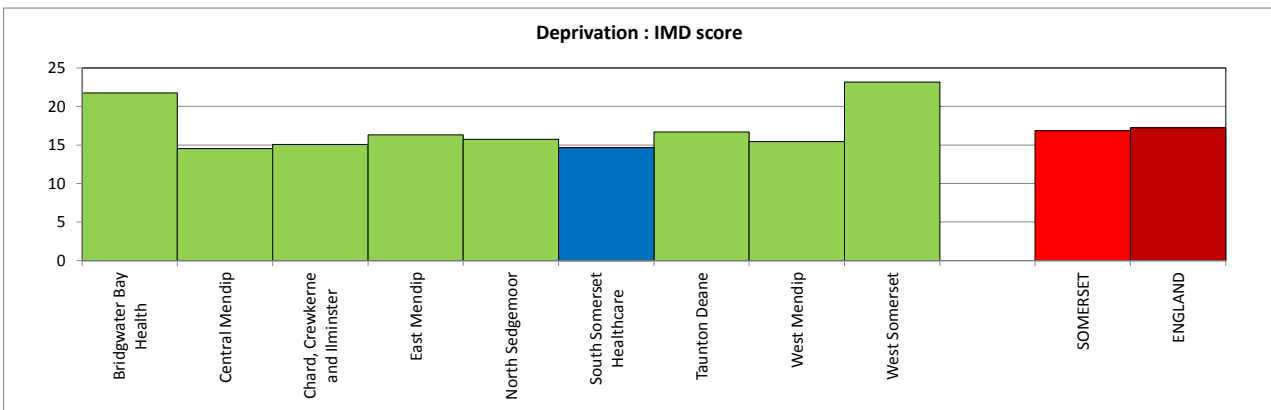
For the IMD score and all of its domains and indices a higher score (and points towards the top of the normalised score graph) indicate a worse situation and more deprivation. For a description of the Index of Multiple Deprivation see Page 1.

Score	Federation	Somerset	England (median LSOA* values)	Range of Federation values
IMD score	14.7	16.8	17.2	14.5 to 23.2
Income score	0.10	0.11	0.11	0.09 to 0.14
Employment score	0.07	0.08	0.08	0.07 to 0.10
Health deprivation and disability score	-0.38	-0.22	-0.02	-0.48 to 0.17
Education skills and training score	17.8	19.3	16.1	15.0 to 29.6
Barriers to housing and services score	22.6	24.6	20.2	22.6 to 40.7
Crime and disorder score	-0.39	-0.39	0.01	-0.69 to -0.23
Living environment score	19.6	18.8	16.9	15.0 to 25.3
Income Deprivation Affecting Children Index	0.13	0.15	0.15	0.11 to 0.20
Income Deprivation Affecting Older People Index	0.13	0.14	0.17	0.12 to 0.16

\*A Lower Super Output Area is a geographical area of about 1500 people.



The Federation has the lowest value in the county for:  
Barriers to housing and services score



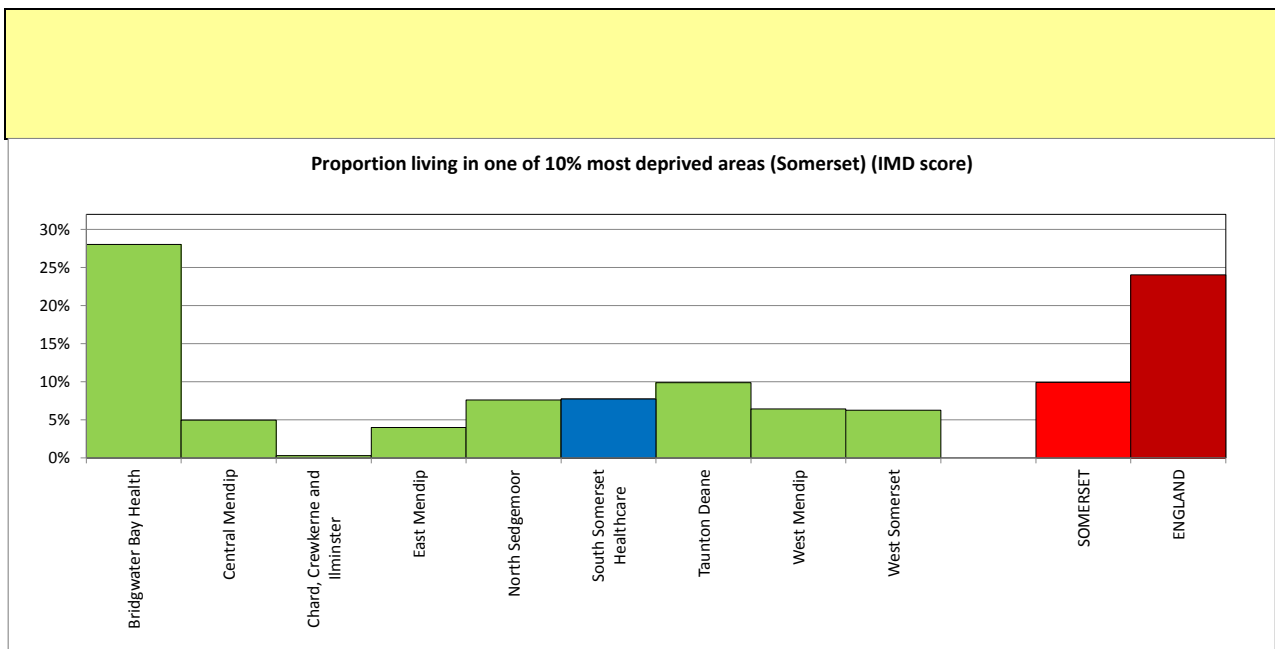
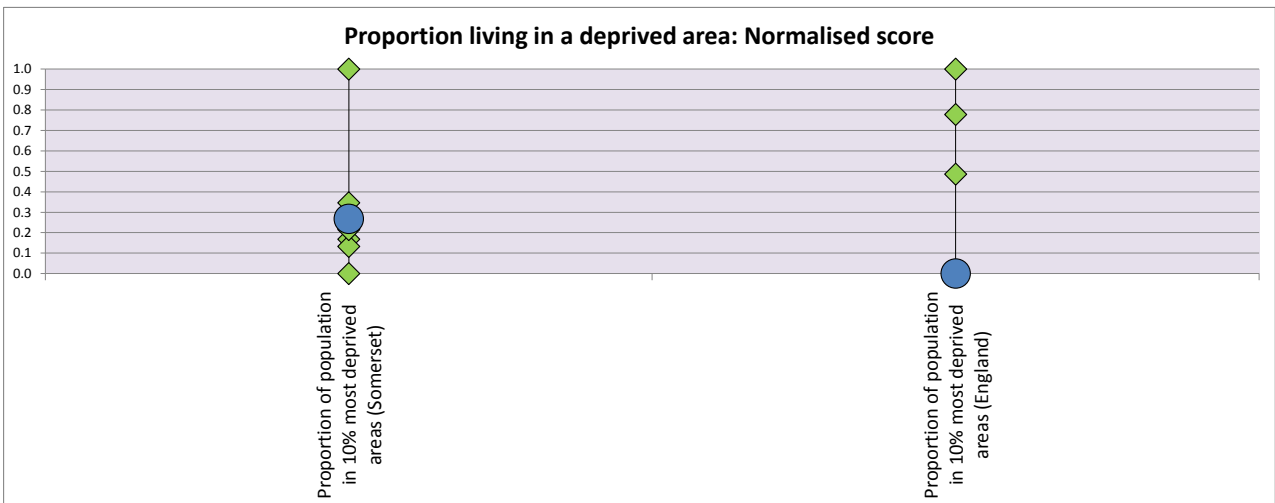
## South Somerset Healthcare

### People living in deprived areas

Proportion of Somerset patients registered with the practices in the Federation who live in one of the 10% most deprived areas of Somerset. Deprivation measured using the Index of Multiple Deprivation 2010. Calculated for Federation populations in April 2012.

Patients living outside Somerset are included below, but those without a postcode (and hence a deprivation score) are excluded. The deprivation of areas outside Somerset is compared to the quintiles in Somerset. Most Federations have almost all of their population living in Somerset. The England proportion in the (Somerset) 10% most deprived areas is also derived by comparison with the Somerset quintiles.

	Federation	Somerset	England	Range of Federation values
Proportion of population in 10% most deprived areas (Somerset)	8%	10%	24%	0% to 28%
Proportion of population in 10% most deprived areas (England)	0%	1%	10%	0% to 4%



The aim of this section is to identify to what extent your Federation population is affected by any of the wider determinants of health, as measured by the deprivation indices.

- Does the Federation population score particularly highly on any of the deprivation indices?
- Is there a logical explanation for this e.g. high score for barriers to housing and services for a rural Federation?



## South Somerset Healthcare

### Observed numbers on disease register compared to Expected numbers (%)

Comparison of Observed number on disease registers and expected number based on models of disease prevalence, from NHS Comparators website except for Diabetes which uses the Yorkshire and Humberside Public Health Observatory model (which has been revised in the past year).

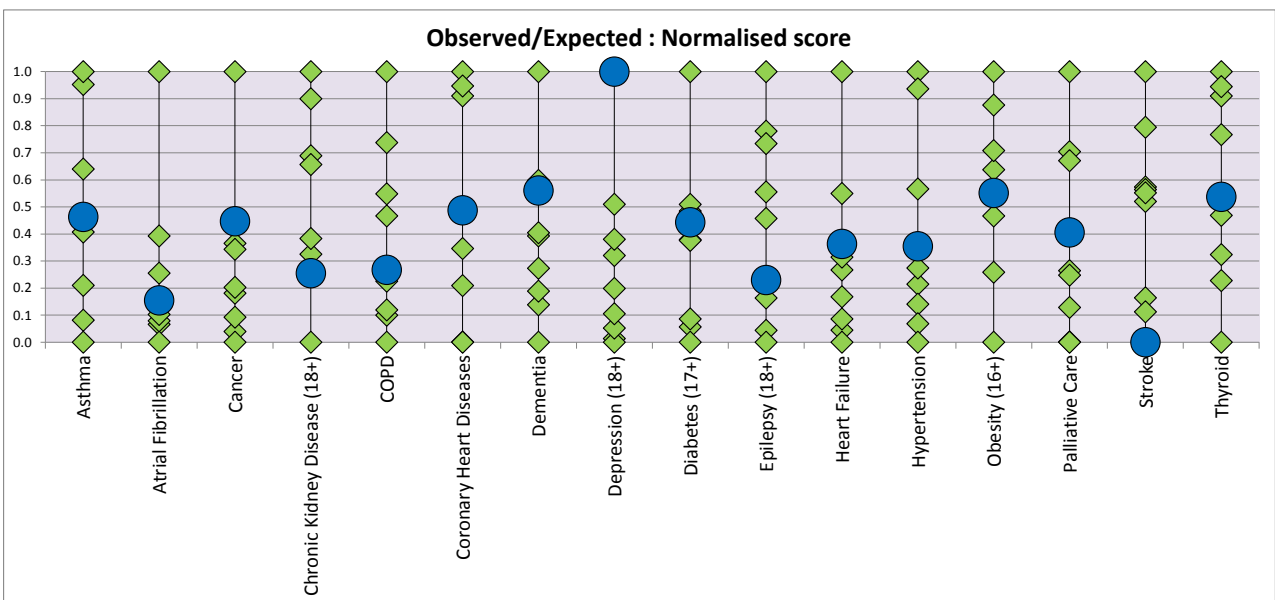
Observed values are from Quality Outcome Framework data and expected values based on NHS Information Centre models

This is a comparison of the actual with the "true" level of condition estimated to be in the population.

Note that expected values are not available for Mental Health. The model for Learning Disabilities is under review.

2011

Condition	Observed in Federation	Expected in Federation (based on model)	Federation ratio	Somerset ratio	England ratio	Range of Federation values
Asthma	6,880	10,002	0.7	0.7	0.7	0.7 to 0.7
Atrial Fibrillation	2,107	1,767	1.2	1.2	1.1	1.2 to 1.4
Cancer	2,426	962	2.5	2.4	2.2	2.3 to 2.8
Chronic Kidney Disease (18+)	3,982	9,295	0.4	0.5	0.5	0.4 to 0.6
COPD	1,801	2,099	0.9	0.9	1.0	0.8 to 1.1
Coronary Heart Diseases	4,172	5,901	0.7	0.7	0.8	0.6 to 0.8
Dementia	665	1,636	0.4	0.4	0.4	0.3 to 0.5
Depression (18+)	13,477	7,608	1.8	1.5	1.3	1.4 to 1.8
Diabetes (17+)	4,895	6,760	0.7	0.7	0.8	0.7 to 0.8
Epilepsy (18+)	649	775	0.8	0.9	0.9	0.8 to 1.0
Heart Failure	899	2,061	0.4	0.4	0.5	0.4 to 0.5
Hypertension	17,065	29,963	0.6	0.6	0.6	0.5 to 0.6
Obesity (16+)	9,225	20,785	0.4	0.4	0.5	0.4 to 0.5
Palliative Care	223	1,398	0.2	0.2	0.2	0.1 to 0.2
Stroke	2,152	2,517	0.9	1.0	0.9	0.9 to 1.1
Thyroid	3,950	2,517	1.6	1.6	1.6	1.4 to 1.8



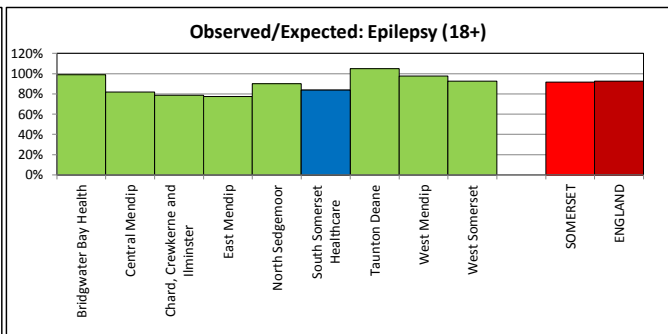
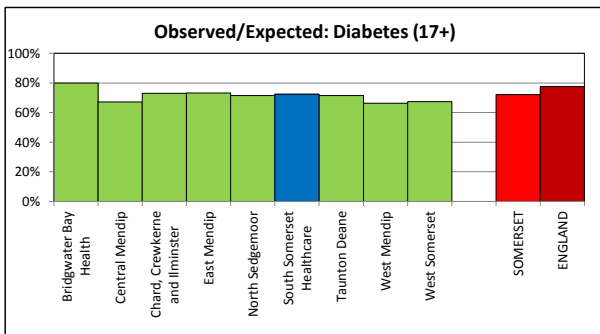
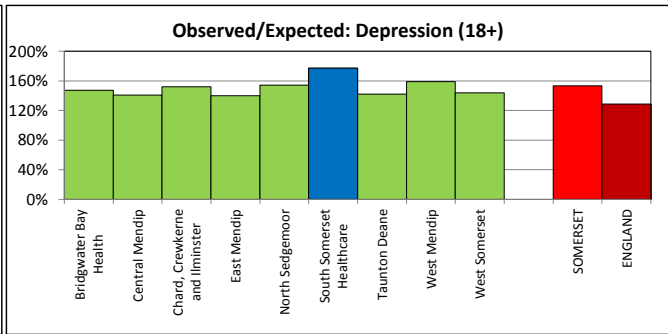
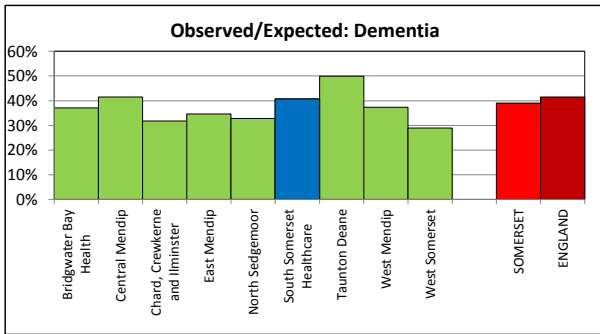
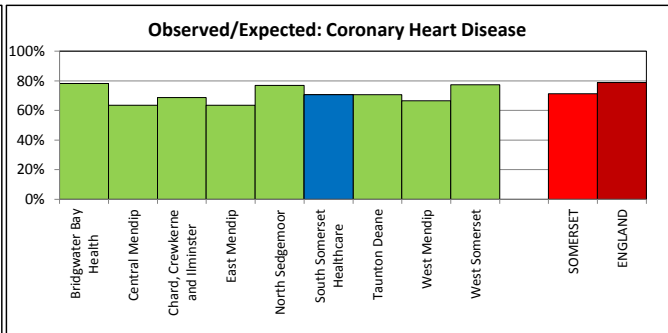
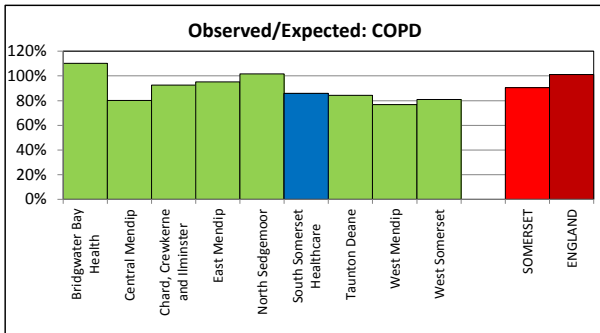
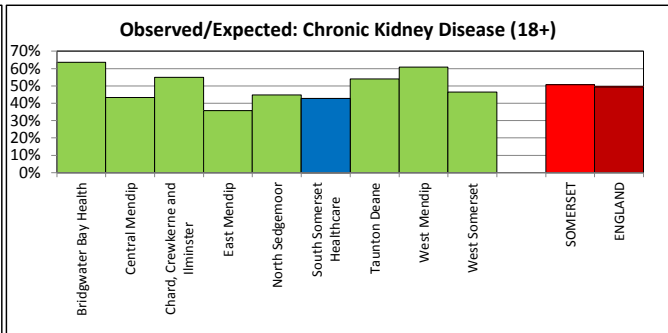
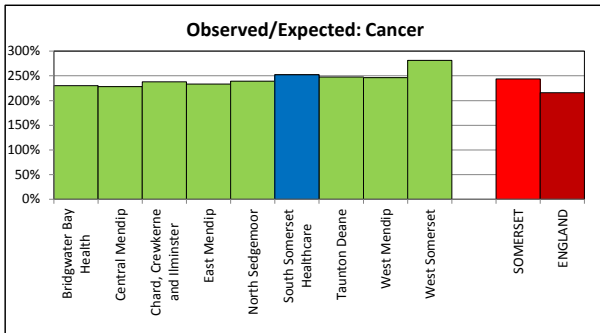
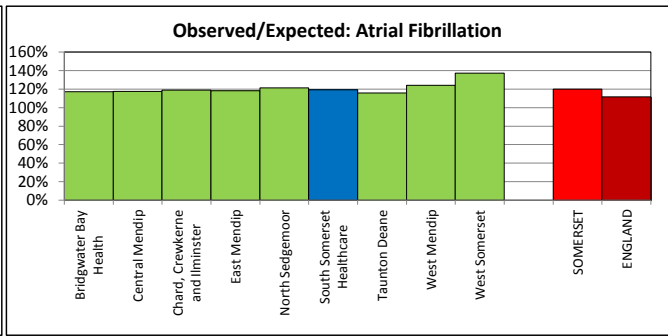
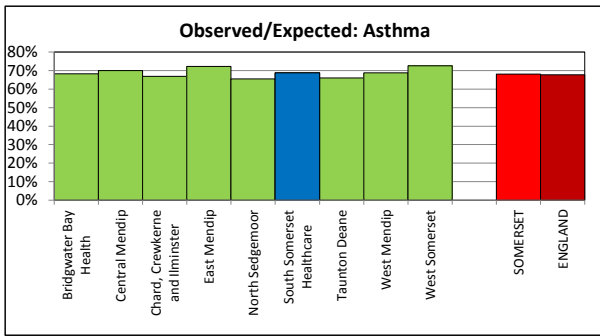
The Federation has the highest value in the county for:

Depression (18+)

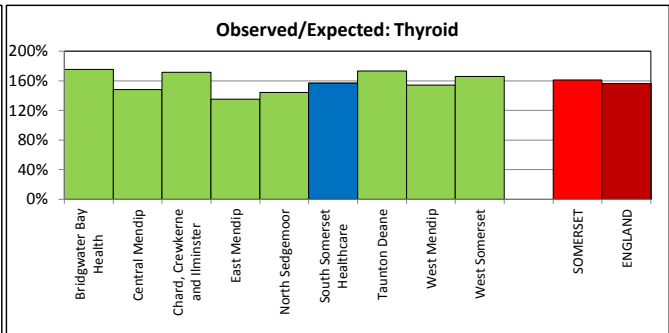
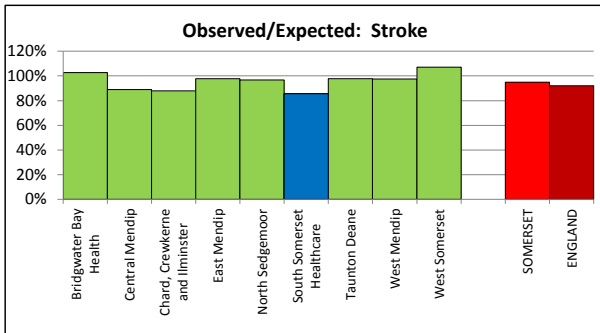
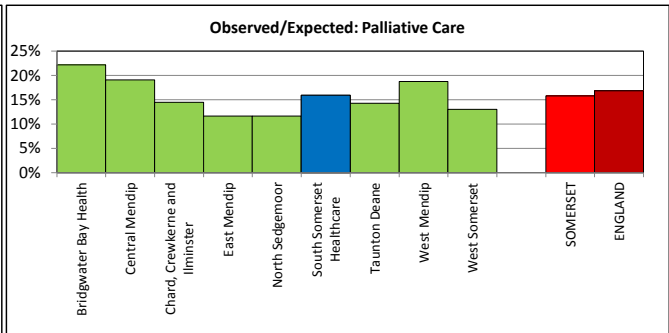
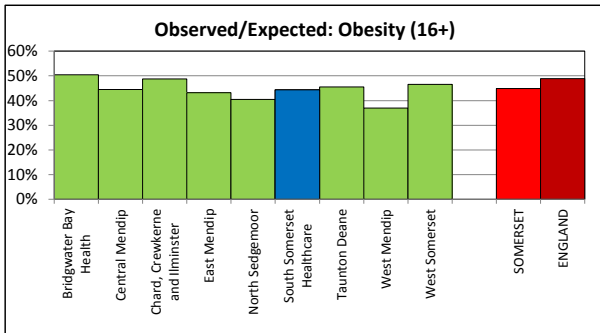
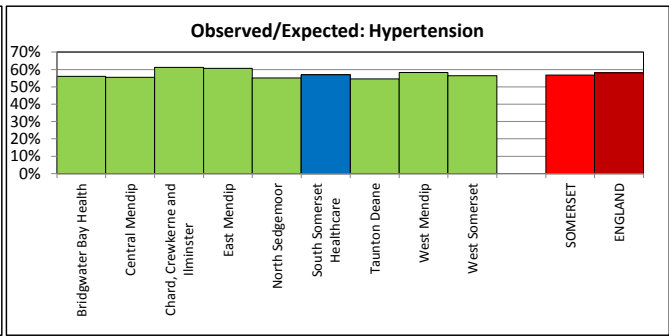
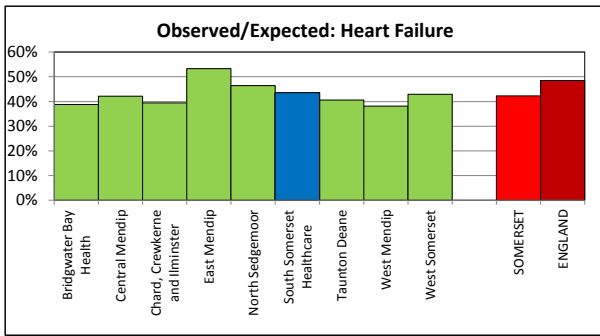
The Federation has the lowest value in the county for:

Stroke

# South Somerset Healthcare



# South Somerset Healthcare



# South Somerset Healthcare

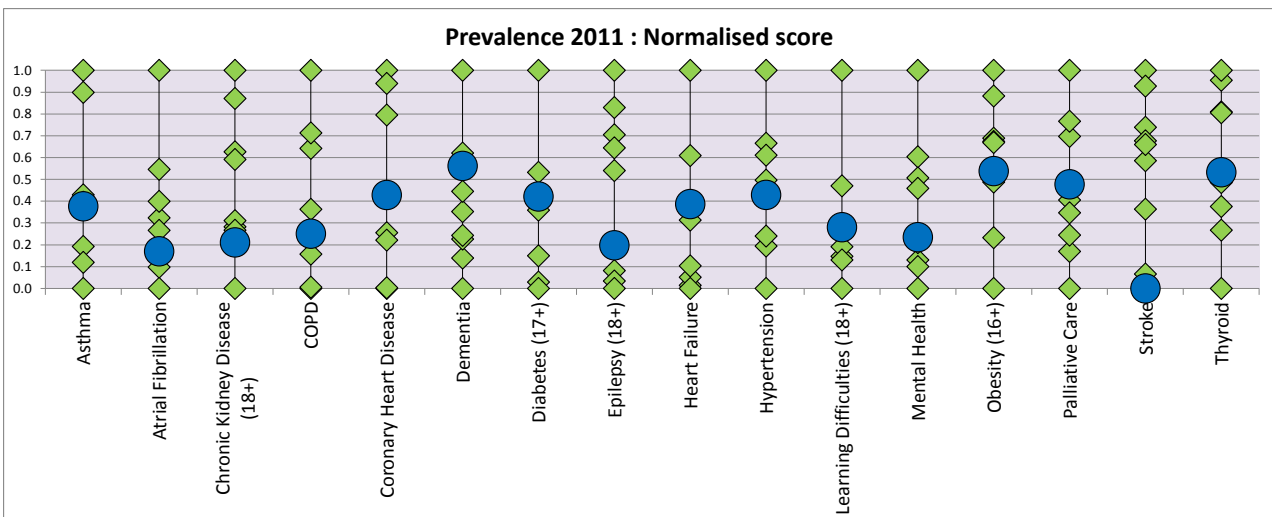
**Prevalence rate**  
(rate per 1000 population)

Age/sex standardised prevalence rates using Quality Outcome Framework crude prevalence, Exeter system population downloads and Somerset wide age/sex specific rates from MIQUEST.

The Quality Outcome Framework indicators are reported annually through the Information Centre website. MIQUEST is an interrogation tool that retrieves data from practice clinical systems. This is a comparison of the level of RECORDED disease in this practice compared to the level in the totality of Somerset practices.

2011

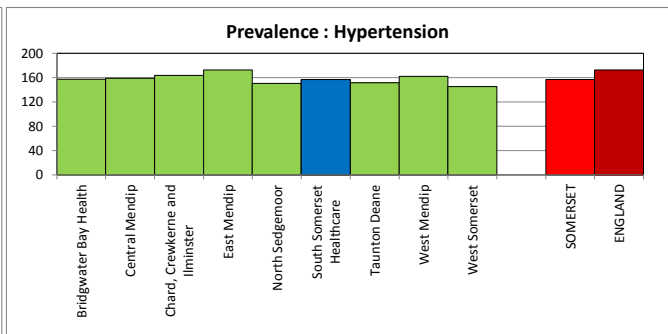
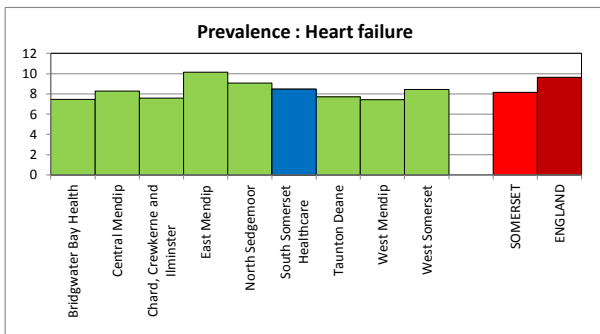
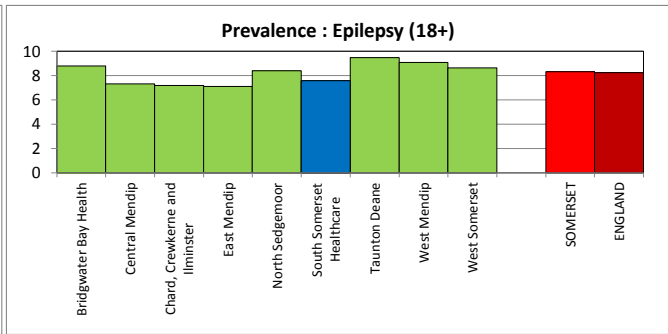
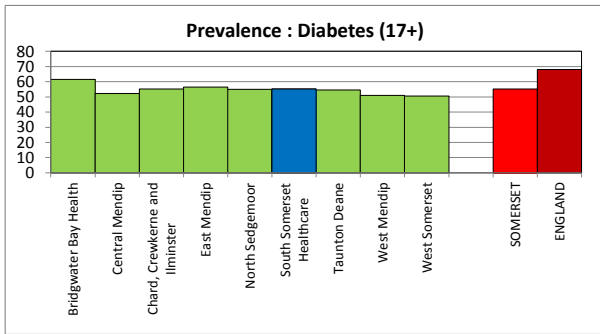
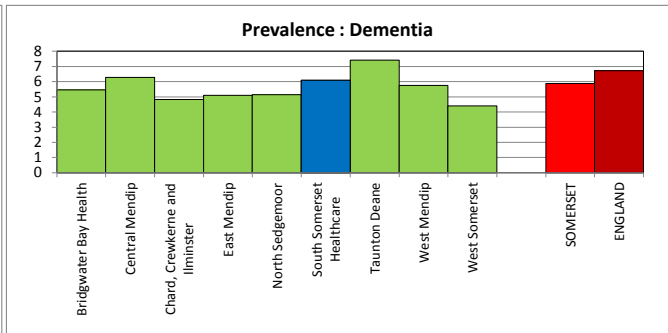
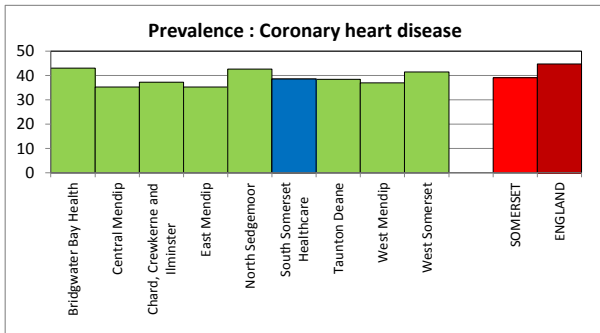
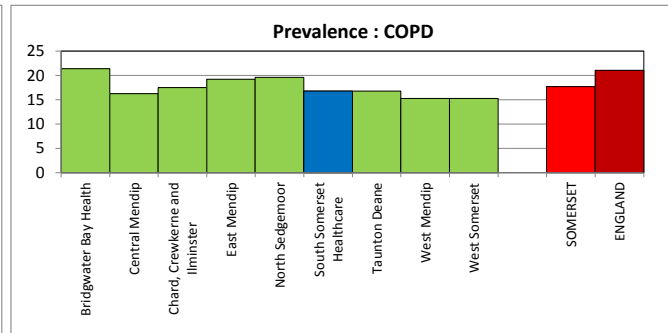
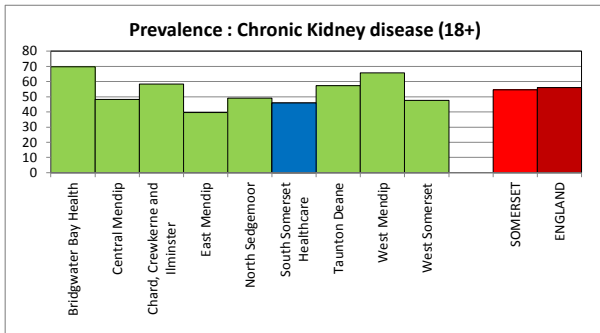
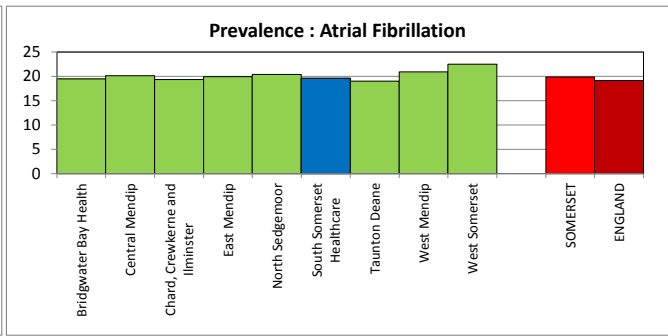
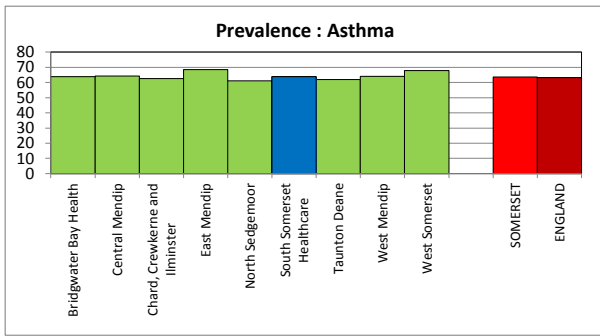
Condition	Observed in Federation	Expected in Federation (based on Somerset rates)	Federation rate	Somerset rate	England rate	Range of Federation values
Asthma	6,922	6,898	63.9	63.7	63.2	61.1 to 68.6
Atrial Fibrillation	2,128	2,156	19.6	19.9	19.1	19.0 to 22.5
Chronic Kidney Disease (18+)	3,992	4,740	46.0	54.6	56.1	39.7 to 69.7
COPD	1,826	1,923	16.8	17.7	21.1	15.3 to 21.4
Coronary Heart Disease	4,195	4,247	38.6	39.1	44.8	35.3 to 43.1
Dementia	661	637	6.1	5.9	6.7	4.4 to 7.4
Diabetes (17+)	4,885	4,888	55.3	55.3	68.2	50.7 to 61.6
Epilepsy (18+)	659	723	7.6	8.3	8.3	7.1 to 9.5
Heart Failure	921	887	8.5	8.2	9.6	7.4 to 10.1
Hypertension	17,057	17,056	157	157	172.7	145 to 173
Learning Difficulties (18+)	432	423	5.0	4.9	4.3	3.3 to 9.2
Mental Health	686	736	6.3	6.8	8.7	5.3 to 9.5
Obesity (16+)	9,015	9,158	100	102	117.2	86 to 113
Palliative Care	220	220	2.0	2.0	2.2	1.3 to 2.9
Stroke	2,152	2,408	19.8	22.2	22.6	19.8 to 24.4
Thyroid	3,935	4,048	36.2	37.3	36.6	29.8 to 41.9



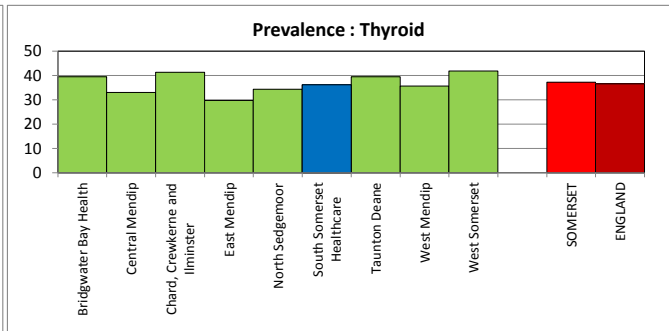
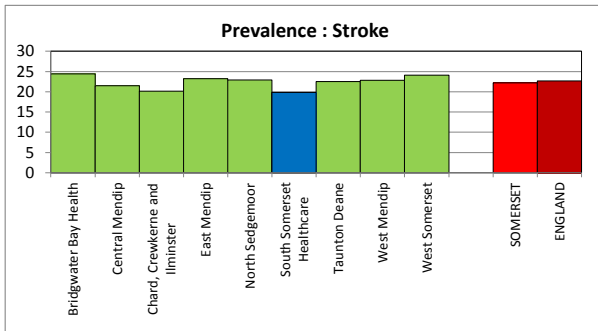
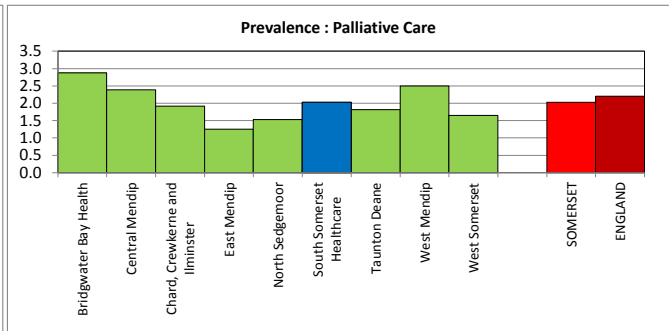
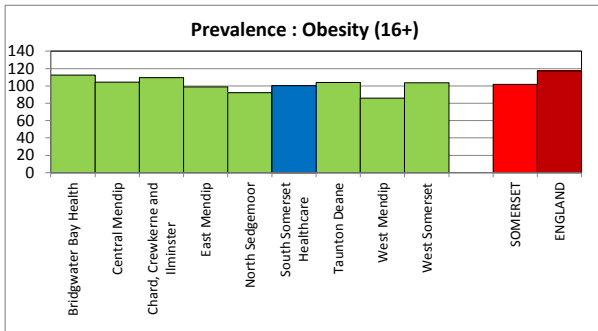
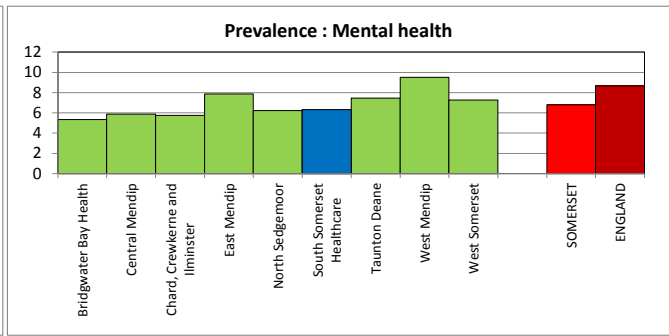
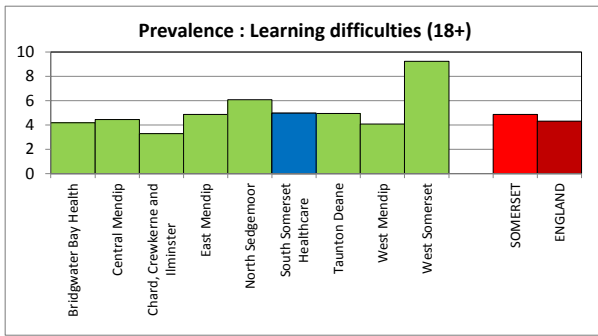
**Significantly lower than county average for:**  
Chronic Kidney Disease (18+)    Stroke

**The Federation has the lowest value in the county for:**  
Stroke

# South Somerset Healthcare



## South Somerset Healthcare



- Look at the observed and expected numbers columns. Are there any large differences between the two values? An observed value below that of the expected value may indicate there are undiagnosed patients with that condition within the Federation population. Conversely a higher number in the observed column may also warrant further investigation.
- Is there a link between obesity at Federation level and the prevalence of lifestyle related diseases?

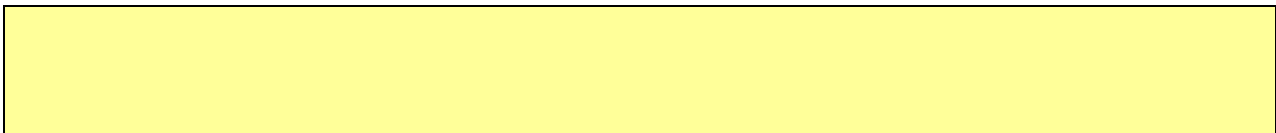
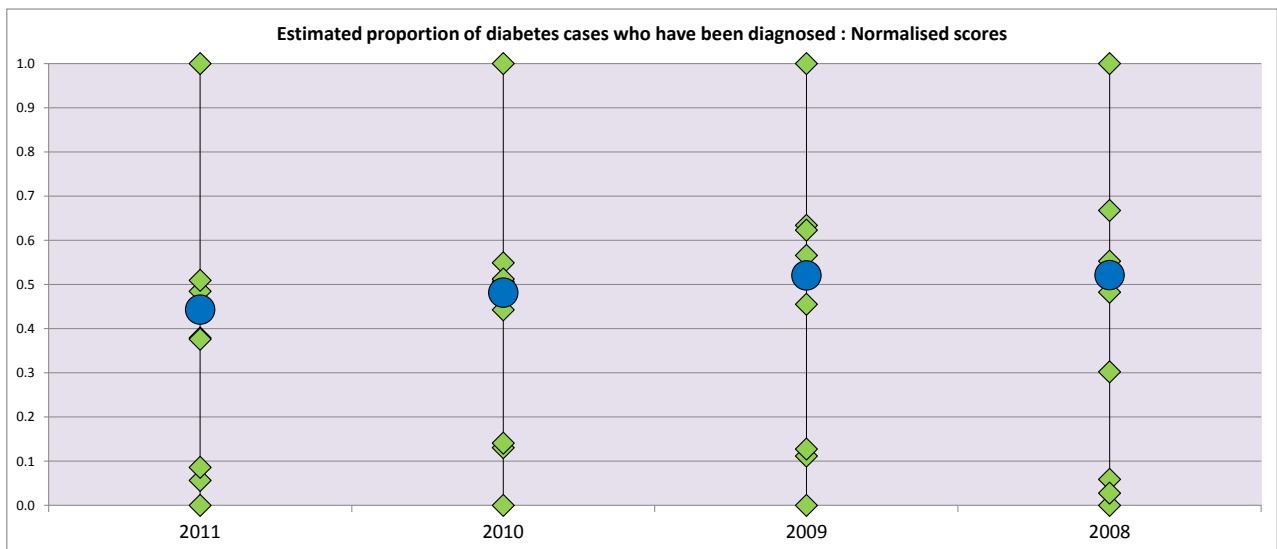
## South Somerset Healthcare

### Estimated proportion of people expected to have Diabetes who are on register

Register data compared with modelled Type1 and Type 2 prevalence. Data from NHS Comparators website for 2008 and based on Yorkshire and Humberside Public Health Observatory model for 2009-2011. Note the 2010 data has been revised with new ethnic information since last year.

The ratio can be greater than 100% as it is the comparison of the actual number on the register compared to a modelled expected number.

		Federation	Somerset	England	Range of Federation values
2011	Observed number on register	4,895	24,405	2,455,937	
	Expected number on register	6,760	33,771	3,166,556	
	Proportion of expected on register	72.4%	72.3%	77.6%	66.3% to 80.0%
2010	Observed number on register	4,616	23,099	2,338,813	
	Expected number on register	6,691	33,440	3,099,853	
	Proportion of expected on register	69.0%	69.1%	75.4%	62.3% to 76.2%
2009	Observed number on register	4,373	21,888	2,213,138	
	Expected number on register	6,447	32,170	3,034,972	
	Proportion of expected on register	67.8%	68.0%	72.9%	60.2% to 74.9%
2008	Observed number on register	4,157	20,575	2,088,335	
	Expected number on register	5,656	28,208	2,483,789	
	Proportion of expected on register	73.5%	72.9%	84.1%	66.5% to 79.9%



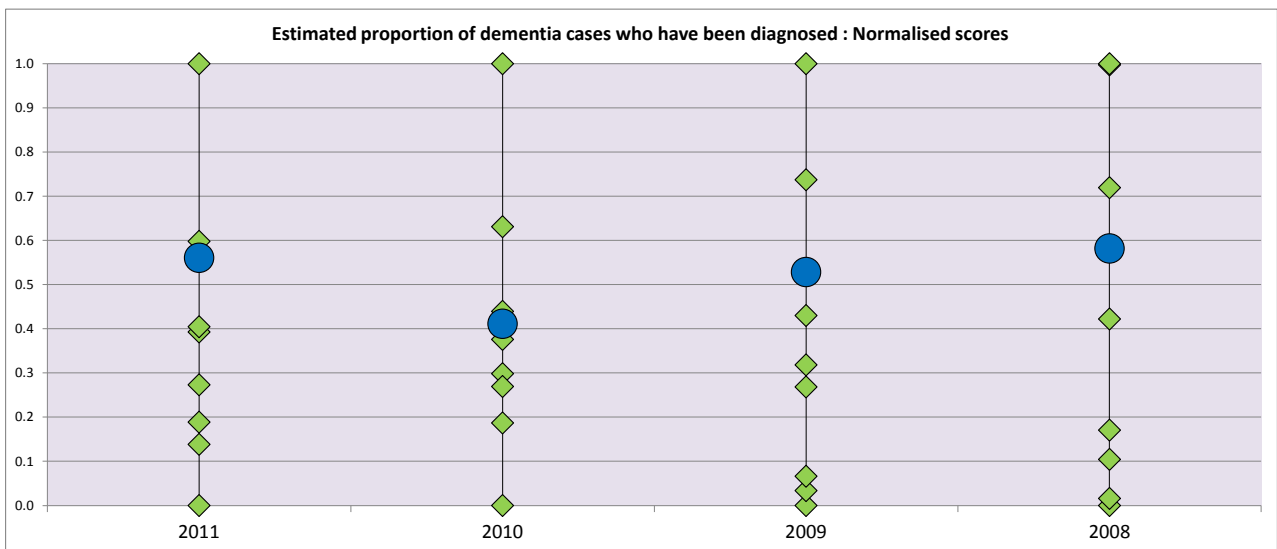
## South Somerset Healthcare

### Estimated proportion of people expected to have Dementia who are on register

Register data compared with modelled prevalence. Data from NHS Comparators website except 2010 and 2011 where the model was used locally.

The ratio can be greater than 100% as it is the comparison of the actual number on the register compared to a modelled expected number.

		Federation	Somerset	England	Range of Federation values
2011	Observed number on register	665	3,211	266,697	
	Expected number on register	1,636	8,224	642,741	
	Proportion of expected on register	40.7%	39.0%	41.5%	28.8% to 49.9%
2010	Observed number on register	557	2,892	249,463	
	Expected number on register	1,602	8,088	635,696	
	Proportion of expected on register	34.8%	35.8%	39.2%	26.7% to 46.3%
2009	Observed number on register	537	2,566	232,430	
	Expected number on register	1,526	7,678	591,848	
	Proportion of expected on register	35.2%	33.4%	39.3%	25.2% to 44.1%
2008	Observed number on register	506	2,425	220,246	
	Expected number on register	1,497	7,588	587,316	
	Proportion of expected on register	33.8%	32.0%	37.5%	23.2% to 41.4%





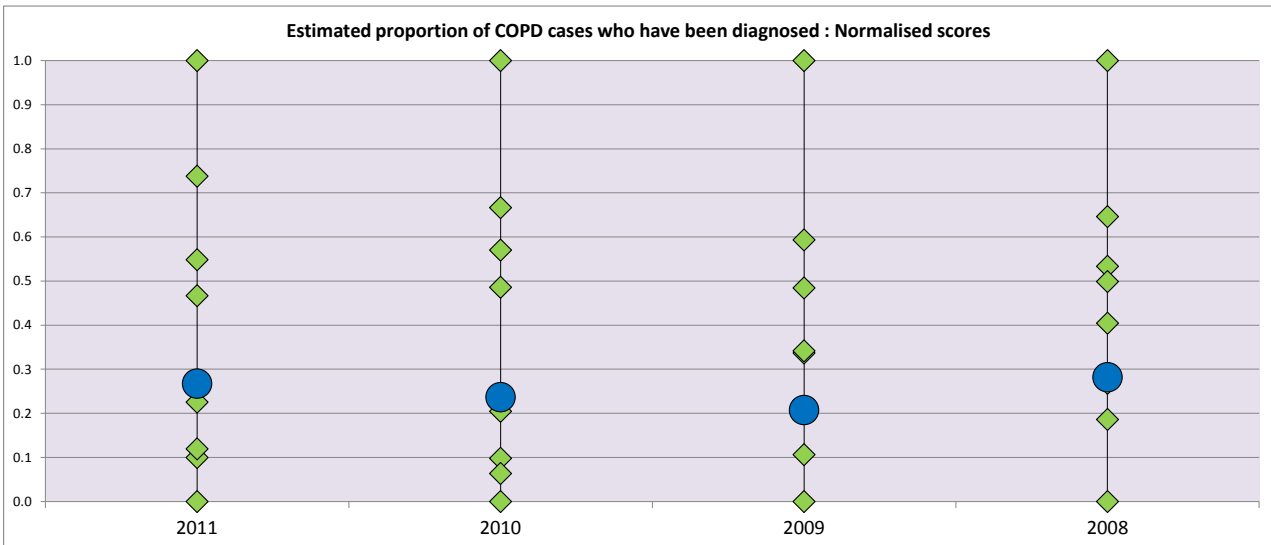
# South Somerset Healthcare

**Estimated proportion of people expected to have COPD who are on register**

Register data compared with modelled prevalence. Data from NHS Comparators website except 2010 and 2011 where the model was used locally.

The ratio can be greater than 100% as it is the comparison of the actual number on the register compared to a modelled expected number.

		Federation	Somerset	England	Range of Federation values
2011	Observed number on register	1,801	9,487	898,989	
	Expected number on register	2,099	10,490	888,795	
	Proportion of expected on register	85.8%	90.4%	101.1%	76.8% to 110.4%
2010	Observed number on register	1,717	9,105	861,341	
	Expected number on register	2,071	10,345	916,143	
	Proportion of expected on register	82.9%	88.0%	94.0%	75.2% to 107.8%
2009	Observed number on register	1,639	8,748	834,312	
	Expected number on register	2,936	14,360	1,494,645	
	Proportion of expected on register	55.8%	60.9%	55.8%	48.9% to 82.1%
2008	Observed number on register	1,571	8,296	799,772	
	Expected number on register	2,917	14,238	1,486,927	
	Proportion of expected on register	53.9%	58.3%	53.8%	44.6% to 77.5%



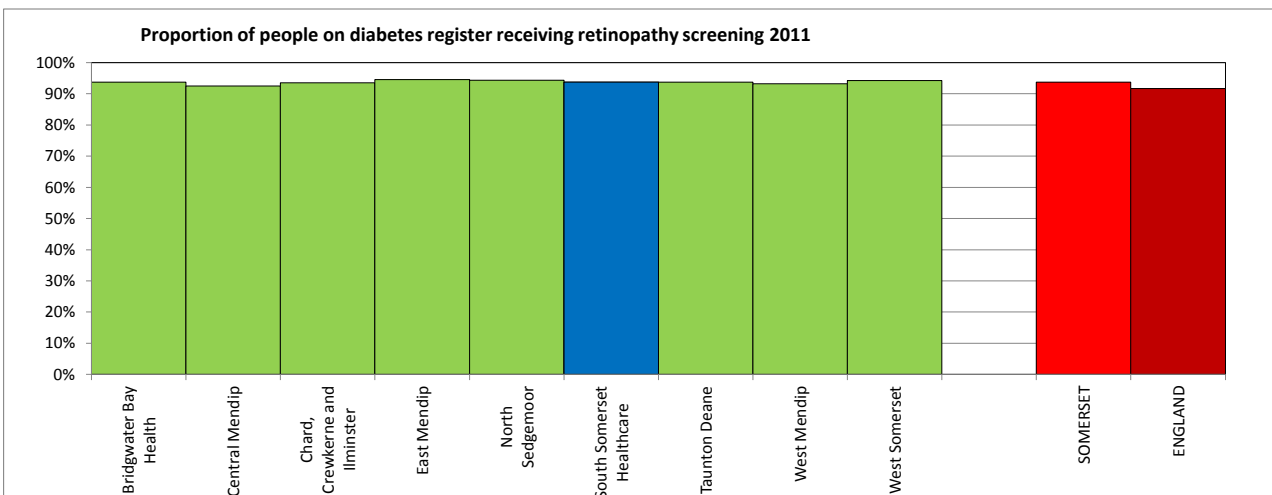
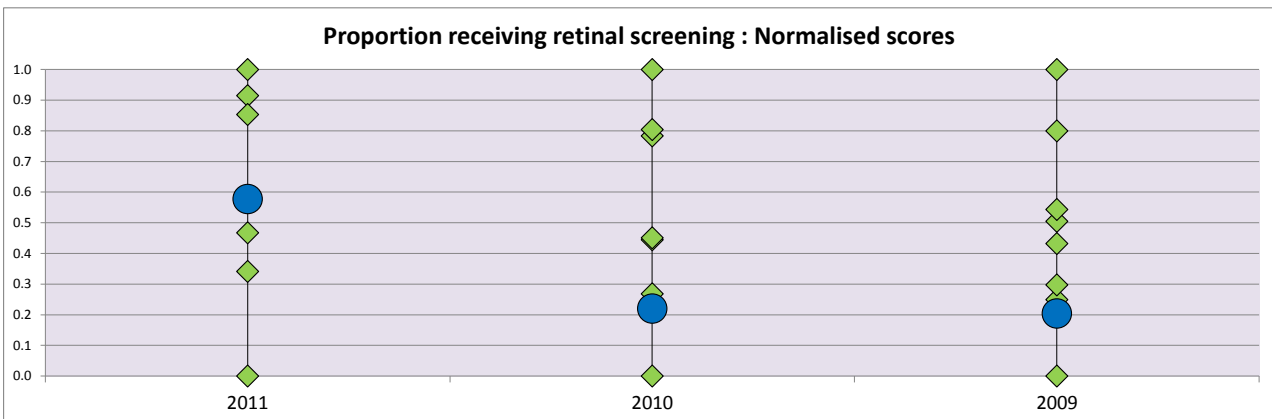
## South Somerset Healthcare

### Diabetic retinopathy screening

Proportion of people on the QOF diabetes register receiving diabetic retinopathy screening in the previous 15 months

The Quality Outcome Framework indicators are reported annually through the Information Centre website.

Condition		Federation	Somerset	England	Range of Federation values
2011	Number receiving screening	4,234	21,377	2,087,997	
	Number of patients on diabetes register	4,518	22,802	2,278,610	
	% screened	93.7%	93.8%	91.6%	92.5% to 94.6%
2010	Number receiving screening	3,932	20,042	1,958,540	
	Number of patients on diabetes register	4,229	21,446	2,154,189	
	% screened	93.0%	93.5%	90.9%	92.5% to 94.5%
2009	Number receiving screening	3,684	18,891	1,864,179	
	Number of patients on diabetes register	3,988	20,278	2,051,096	
	% screened	92.4%	93.2%	92.9%	91.5% to 95.6%



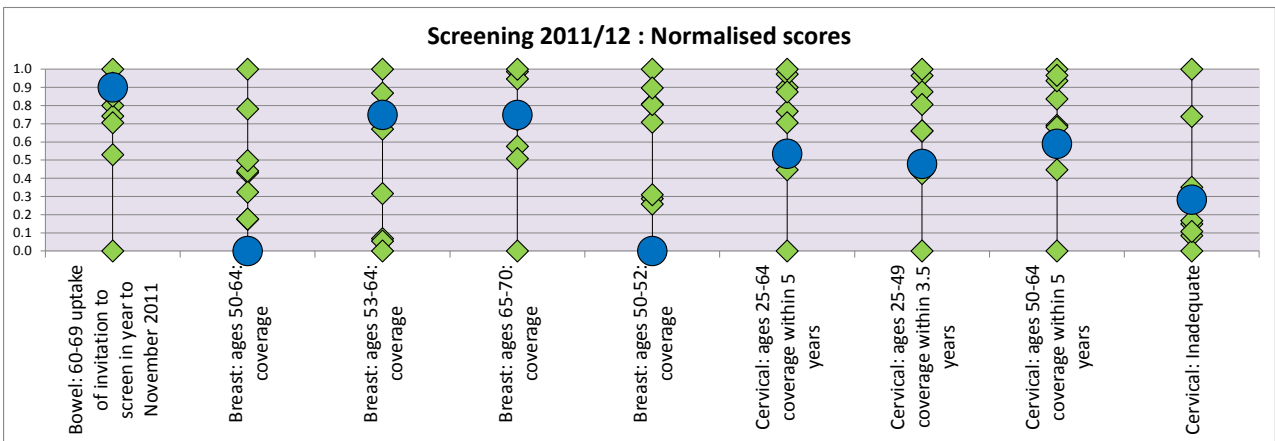
# South Somerset Healthcare

## Cancer screening

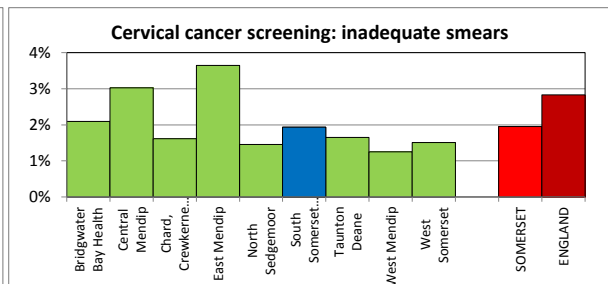
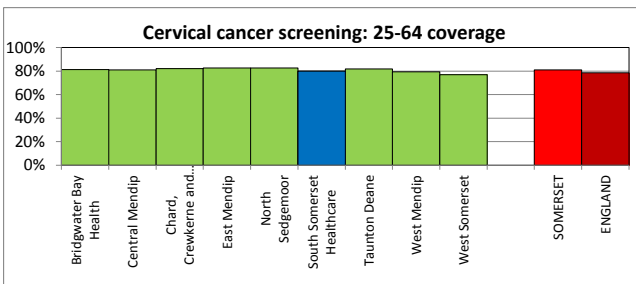
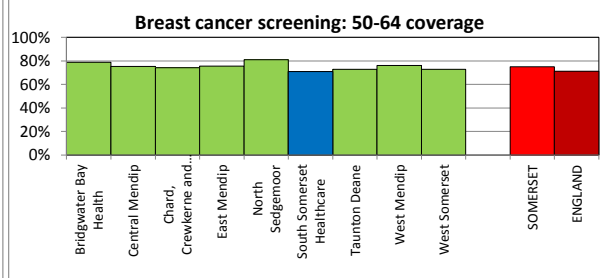
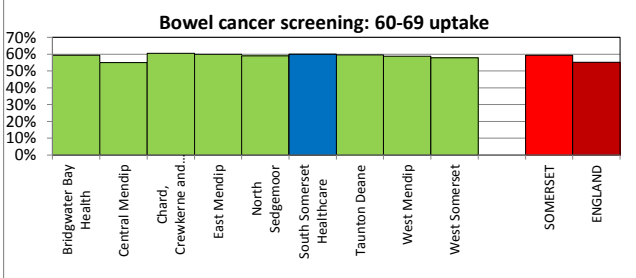
Breast cancer screening from KC63 report and Cervical cancer screening from KC53 report (Breast cancer data estimated using Q4 2011/12). Bowel cancer screening from DH report to PCT.

2011/12

Condition	Federation	Somerset	England (2010/11 for breast and cervical)	Range of Federation values
Bowel: 60-69 uptake of invitation to screen in year to November 2011	59.9%	59.3%	55.2%	54.9% to 60.4%
Breast: ages 50-64: coverage	71.0%	74.9%	71.1%	71.0% to 81.1%
Breast: ages 53-64: coverage	81.7%	80.8%	77.4%	77.3% to 83.2%
Breast: ages 65-70: coverage	80.9%	80.8%	76.7%	76.5% to 82.4%
Breast: ages 50-52: coverage	29.8%	52.0%	48.7%	29.8% to 75.9%
Cervical: ages 25-64 coverage within 5 years	79.9%	81.0%	78.6%	76.8% to 82.6%
Cervical: ages 25-49 coverage within 3.5 years	74.9%	76.5%	73.7%	71.0% to 79.1%
Cervical: ages 50-64 coverage within 5 years	79.4%	80.0%	78.0%	76.8% to 81.2%
Cervical: Inadequate	1.9%	1.9%	2.8%	1.3% to 3.6%



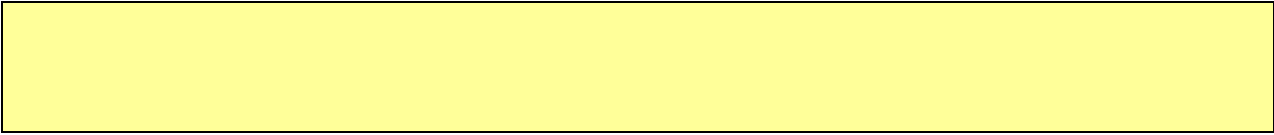
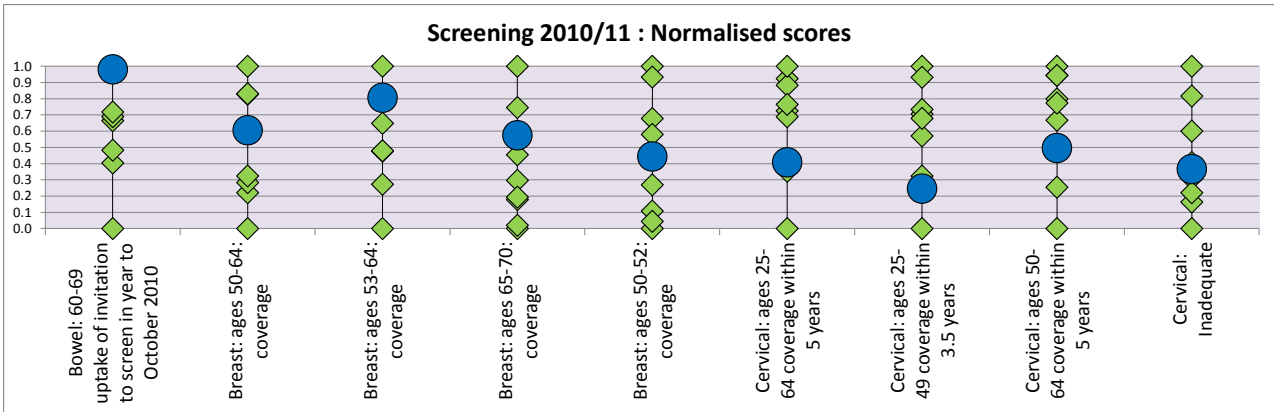
The Federation has the lowest value in the county for:  
 Breast: ages 50-64: coverage    Breast: ages 50-52: coverage



# South Somerset Healthcare

2010/11

Condition	Federation	Somerset	England	Range of Federation values
Bowel: 60-69 uptake of invitation to screen in year to October 2010	64.5%	63.5%	56.3%	60.5% to 64.6%
Breast: ages 50-64: coverage	74.9%	74.1%	71.1%	66.0% to 80.7%
Breast: ages 53-64: coverage	82.4%	81.4%	77.4%	77.1% to 83.7%
Breast: ages 65-70: coverage	80.9%	80.2%	76.7%	78.3% to 82.8%
Breast: ages 50-52: coverage	44.8%	45.3%	48.7%	23.1% to 72.1%
Cervical: ages 25-64 coverage within 5 years	79.6%	81.1%	78.6%	77.1% to 83.2%
Cervical: ages 25-49 coverage within 3.5 years	74.7%	76.9%	73.7%	73.0% to 79.8%
Cervical: ages 50-64 coverage within 5 years	79.4%	80.3%	78.0%	77.0% to 81.8%
Cervical: Inadequate	2.8%	2.9%	2.8%	2.2% to 3.9%



• How does the Federation screening coverage compare with the Somerset median value? Is the percentage of inadequate smears within acceptable limits?

# South Somerset Healthcare

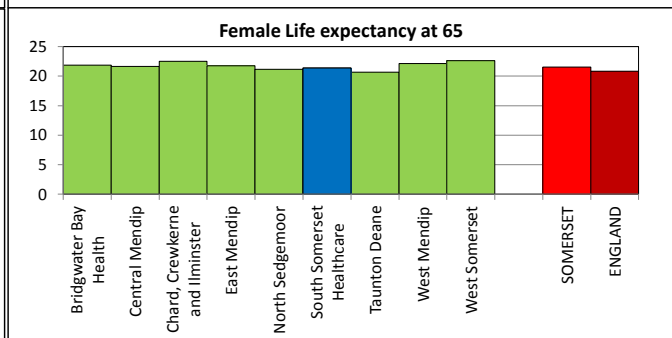
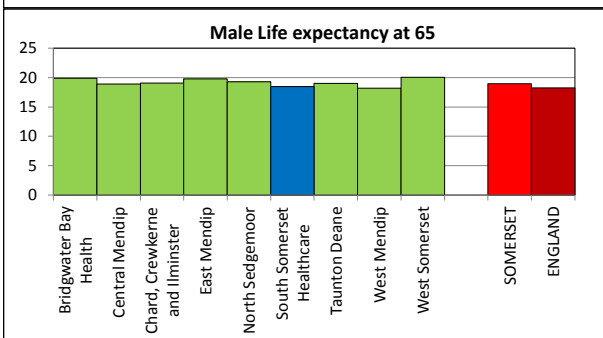
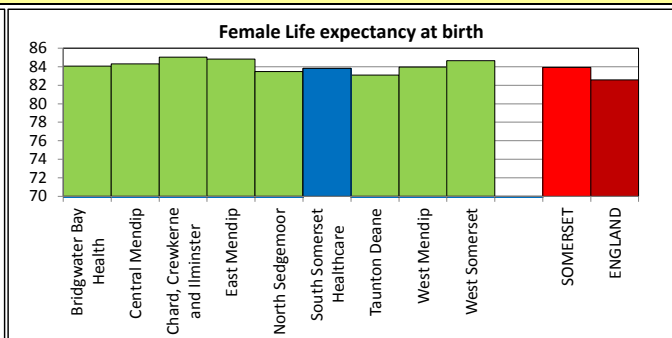
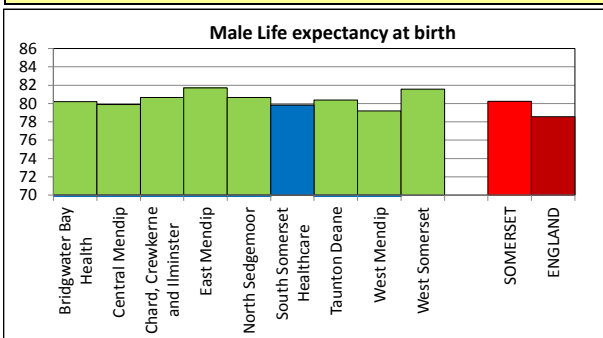
## Life expectancy 2007-11

Life expectancy based on deaths from ONS annual mortality extract 2007-10 and ONS Primary Care Mortality Database 2011 and population estimates from the Exeter system

	Federation	Somerset	England (2008-10)	Range of Federation values
Males at birth	79.8	80.2	78.6	79.2 to 81.7
Females at birth	83.8	83.9	82.6	83.1 to 85.0
Males at age 65	18.5	19.0	18.2	18.2 to 20.1
Females at age 65	21.4	21.5	20.8	20.7 to 22.6
Proportion of deaths occurring before age 65	11%	13%	17%	11.4% to 17.0%



The Federation has the lowest value in the county for:  
Proportion of deaths occurring before age 65



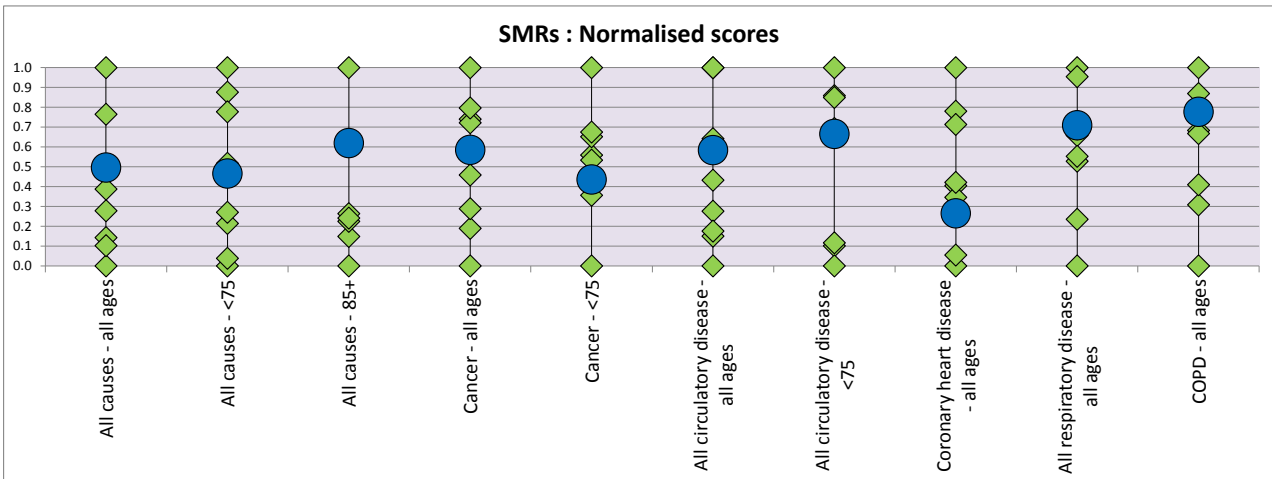
# South Somerset Healthcare

## Standardised mortality ratios

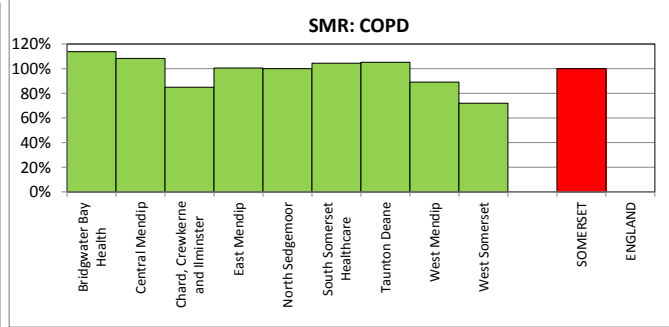
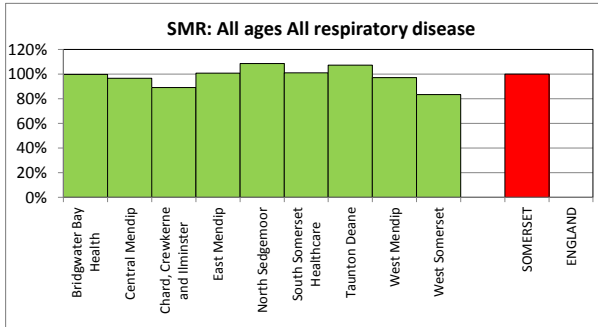
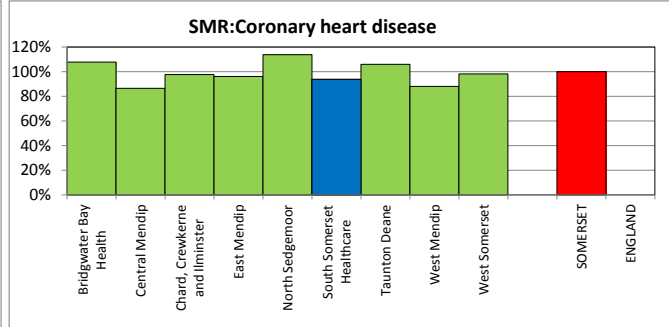
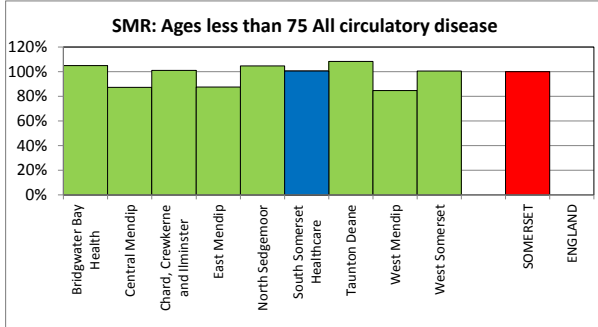
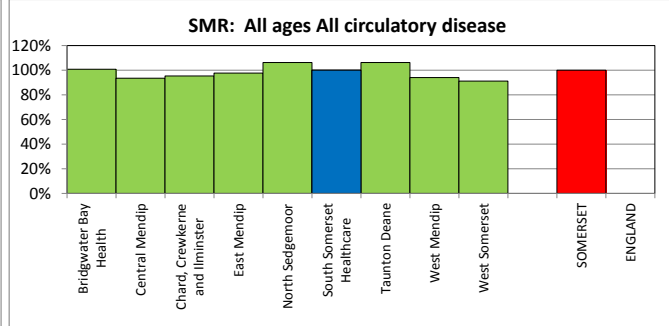
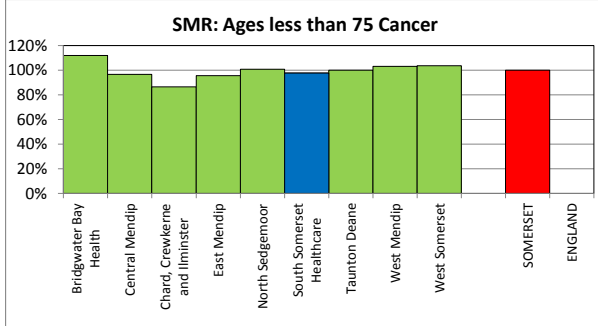
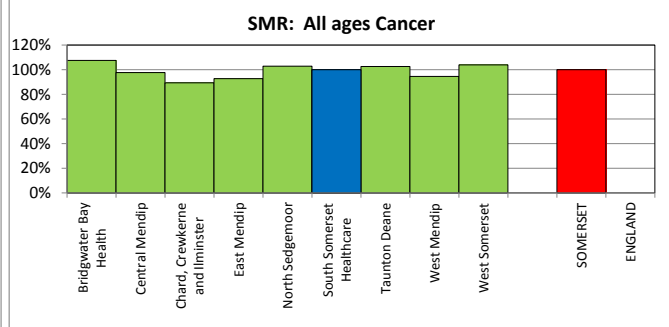
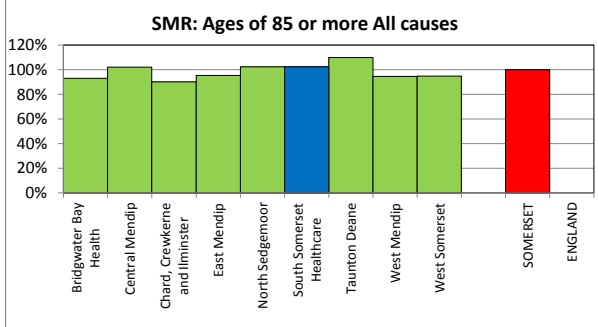
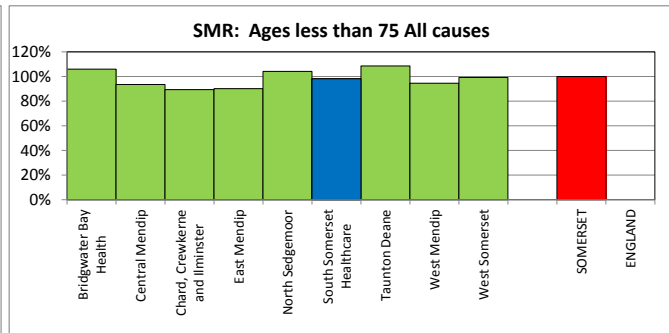
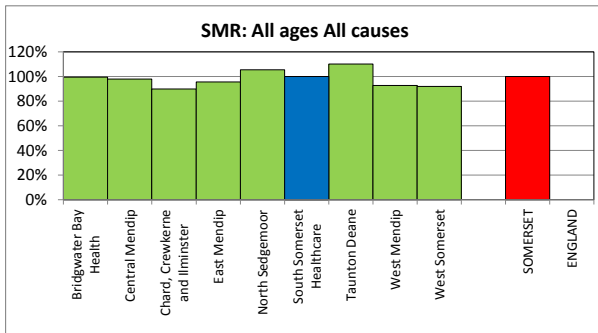
Deaths registered between 2007 and 2011, age and sex standardised to Somerset as a whole (a value of 100% is the Somerset average). ONS annual mortality extract 2007-10 and ONS Primary Care Mortality Database 2011.

### Age/sex standardised ratio

Condition	Observed	Expected (based on Somerset rates)	Federation SMR	Somerset SMR	England	Range of Federation values
All causes - all ages	5,399	5,400	100%	100%		90% to 110%
All causes - <75	1,455	1,481	98%	100%		89% to 108%
All causes - 85+	2,313	2,257	102%	100%		90% to 110%
Cancer - all ages	1,487	1,486	100%	100%		89% to 108%
Cancer - <75	630	646	98%	100%		86% to 112%
All circulatory disease - all ages	1,747	1,747	100%	100%		91% to 106%
All circulatory disease - <75	346	345	100%	100%		85% to 108%
Coronary heart disease - all ages	695	741	94%	100%		87% to 114%
All respiratory disease - all ages	693	686	101%	100%		83% to 108%
COPD - all ages	249	238	105%	100%		72% to 114%



# South Somerset Healthcare



The aim of this section is to identify any conditions that have high SMRs e.g. over 100 (which is the average for Somerset)

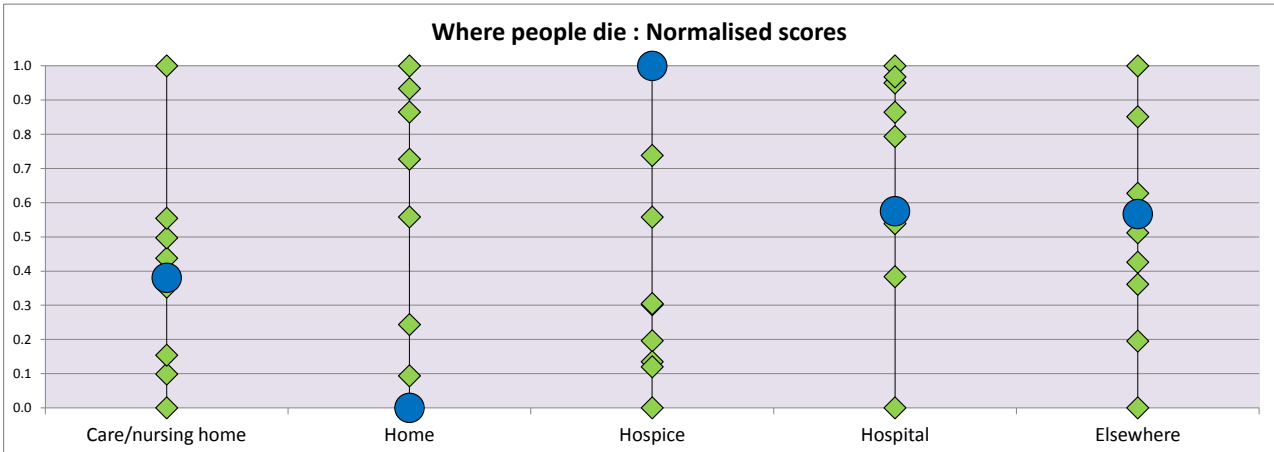
• Look at the observed and expected numbers of deaths. Is the observed number of deaths higher than the expected? Is there a possible explanation for this?

# South Somerset Healthcare

## Where people die

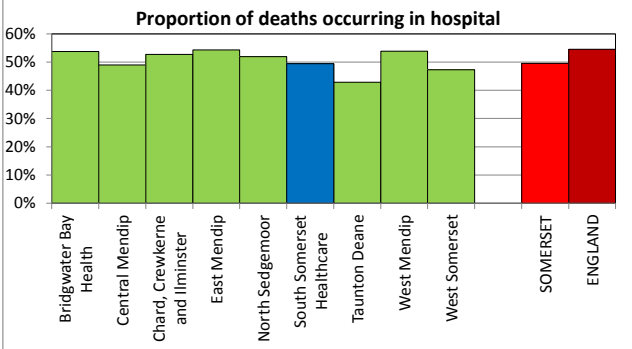
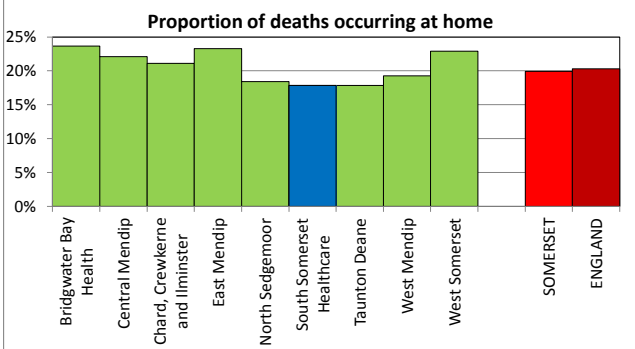
Deaths registered between 2007 and 2011. ONS annual mortality extract 2007-10 and ONS Primary Care Mortality Database 2011.

	Federation %	Somerset %	England % (2008-10)	Range of Federation values
Care/nursing home	22%	23%	18%	16% to 32%
Home	18%	20%	20%	18% to 24%
Hospice	9%	5%	5%	2% to 9%
Hospital	49%	50%	54%	43% to 54%
Elsewhere	2%	2%	2%	1% to 2%



The Federation has the highest value in the county for:  
Hospice

The Federation has the lowest value in the county for:  
Home





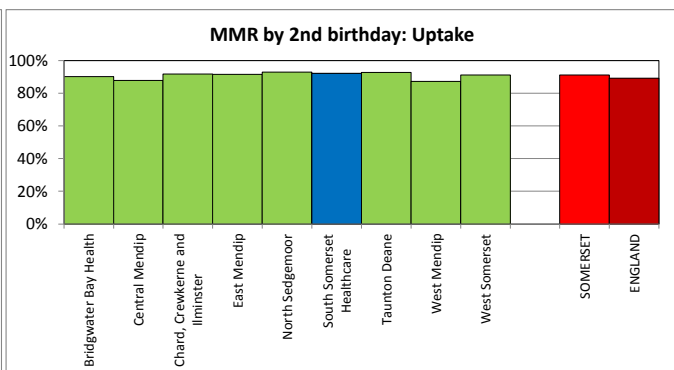
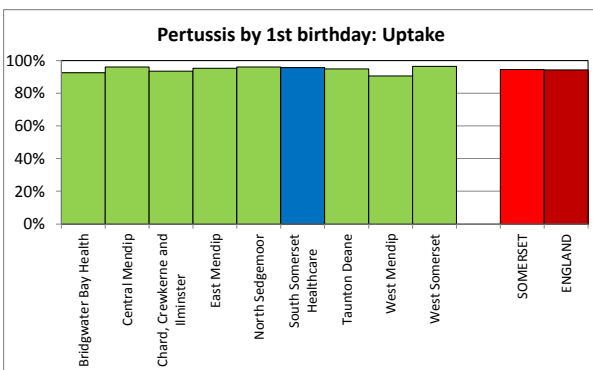
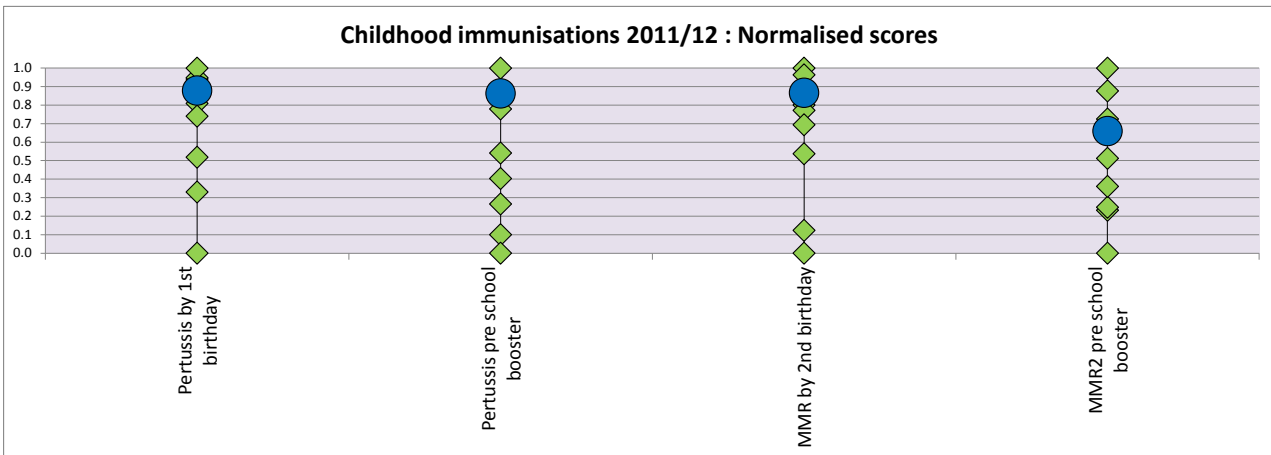
# South Somerset Healthcare

## Childhood Immunisations

COVER statistics

2011/12

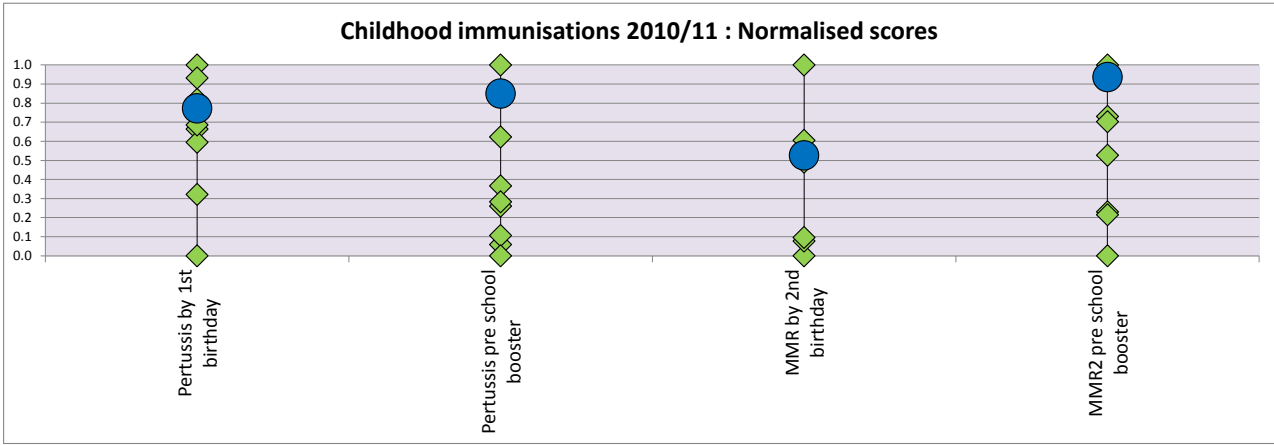
	Federation	Somerset	England 2009/10	Range of Federation values
Pertussis by 1st birthday	95.6%	94.4%	94.2%	90.6% to 96.3%
Pertussis pre school booster	90.0%	89.1%	85.9%	87.2% to 90.5%
MMR by 2nd birthday	92.0%	91.2%	89.1%	87.1% to 92.8%
MMR2 pre school booster	86.9%	86.4%	84.2%	83.8% to 88.5%



England data for 2010/11

2010/11

	Federation	Somerset	England	Range of Federation values
Pertussis by 1st birthday	93.6%	93.3%	94.2%	90.3% to 94.5%
Pertussis pre school booster	91.7%	90.2%	85.9%	87.7% to 92.5%
MMR by 2nd birthday	90.0%	89.4%	89.1%	86.6% to 93.1%
MMR2 pre school booster	88.1%	86.1%	84.2%	80.8% to 88.6%



How does the Federation fare against the median Somerset value?

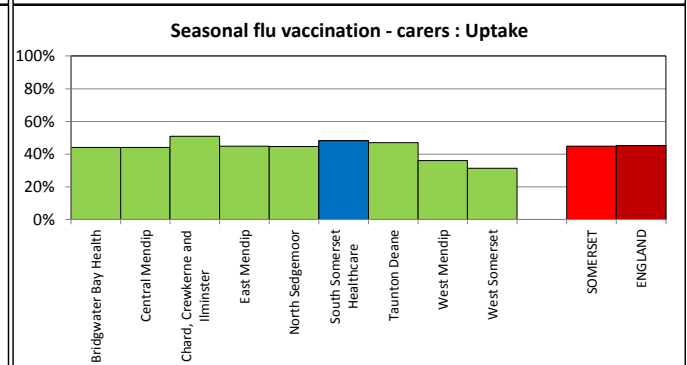
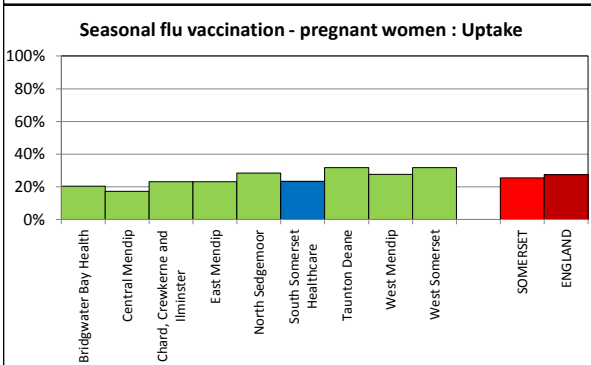
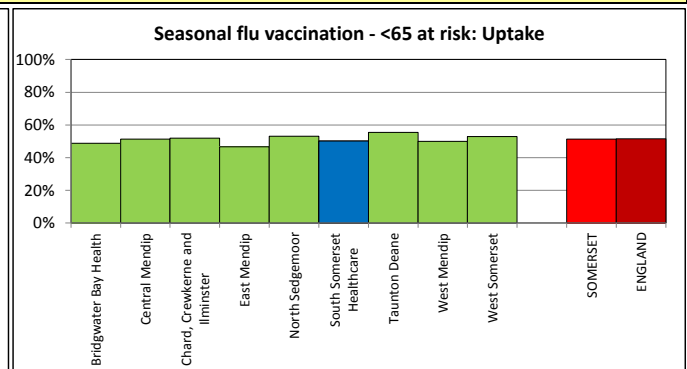
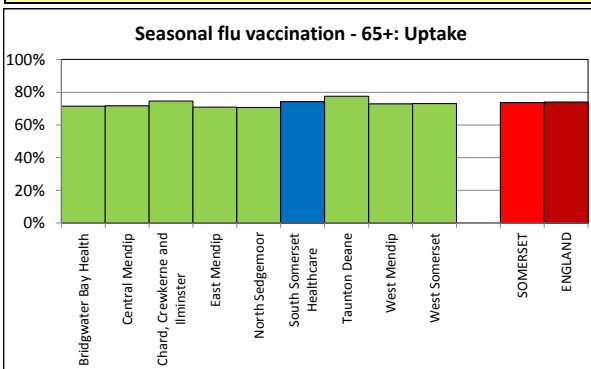
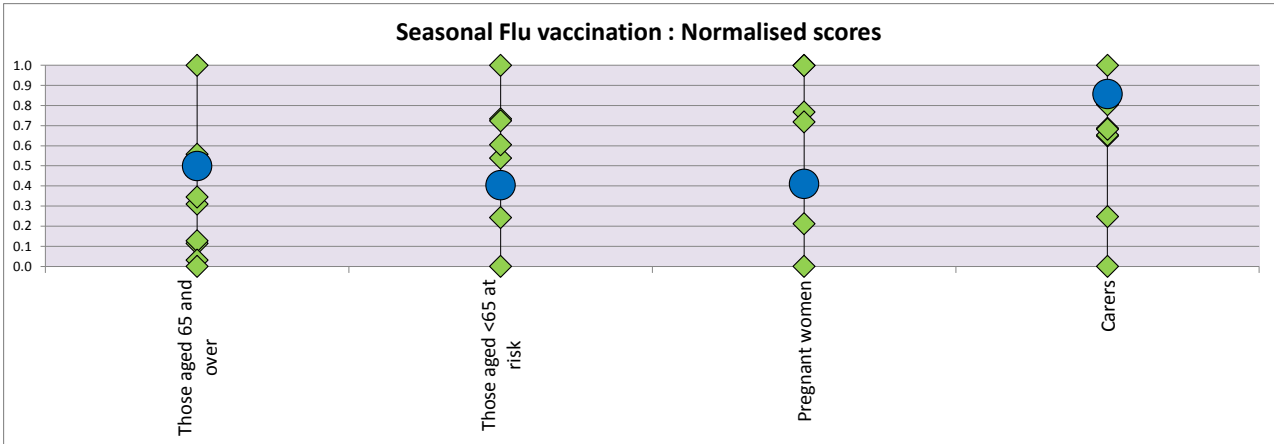
# South Somerset Healthcare

## Seasonal flu vaccinations

Flu vaccination programme statistics

Winter 2011/12

	Federation	Somerset	England	Range of Federation values
Those aged 65 and over	74.2%	73.7%	74.0%	70.8% to 77.6%
Those aged <65 at risk	50.2%	51.3%	51.6%	46.6% to 55.4%
Pregnant women	23.3%	25.5%	27.4%	17.3% to 31.8%
Carers	48.1%	44.8%	45.2%	31.3% to 51.0%



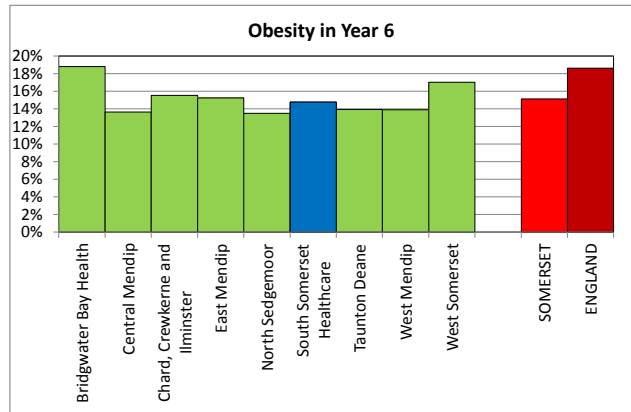
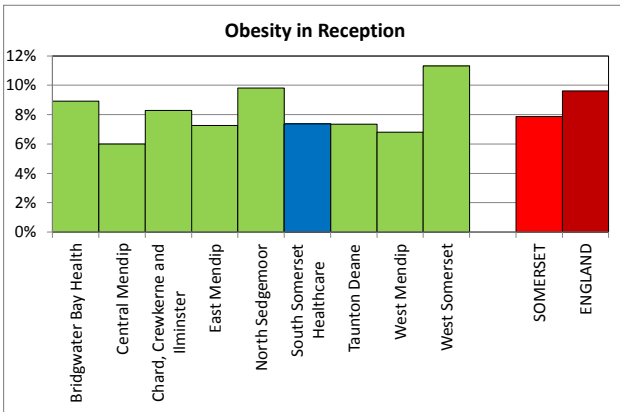
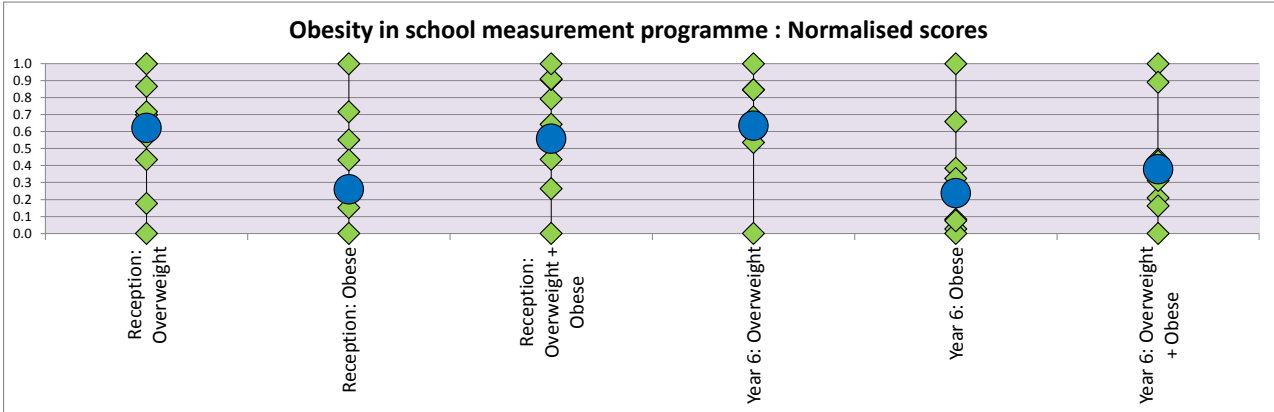
# South Somerset Healthcare

## Obesity in schools

NCMP Reception and Year 6 measurements 2007/8 to 2010/11

2007/8 - 2010/11

	Federation	Somerset	England	Range of Federation values
Reception: Overweight	14%	14%	13%	11% to 16%
Reception: Obese	7%	8%	10%	6% to 11%
Reception: Overweight + Obese	22%	22%	23%	17% to 25%
Year 6: Overweight	13%	14%	14%	10% to 16%
Year 6: Obese	15%	15%	19%	13% to 19%
Year 6: Overweight + Obese	28%	29%	33%	25% to 33%



## South Somerset Healthcare

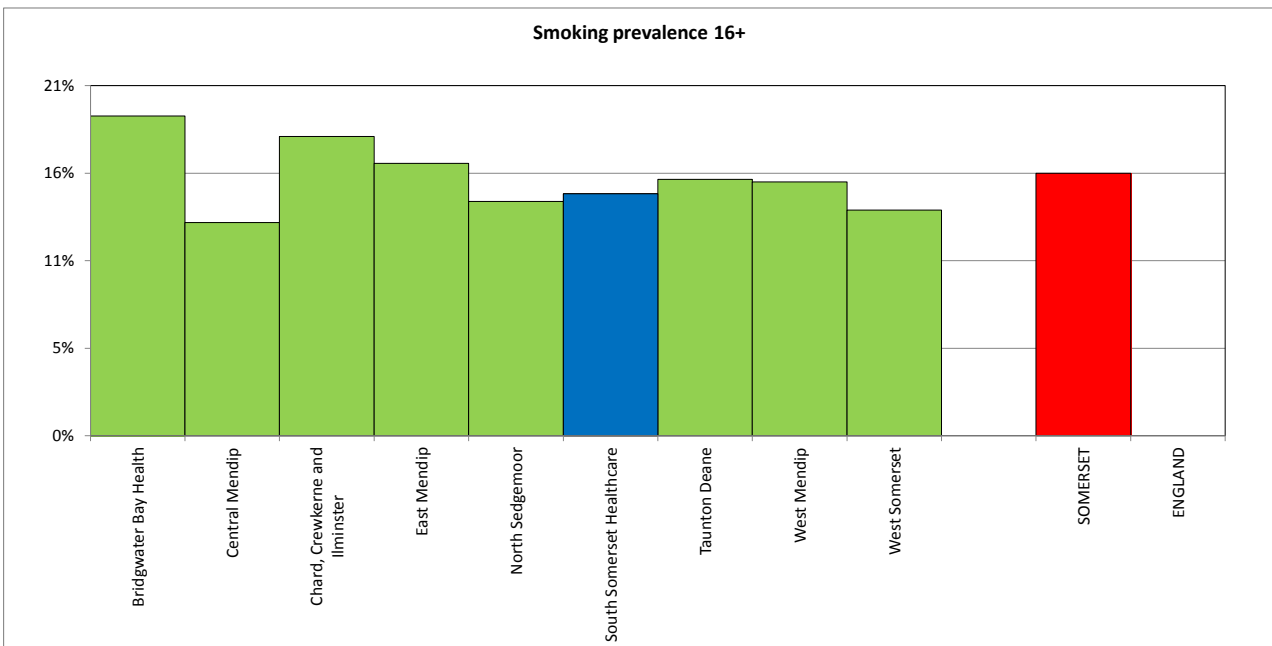
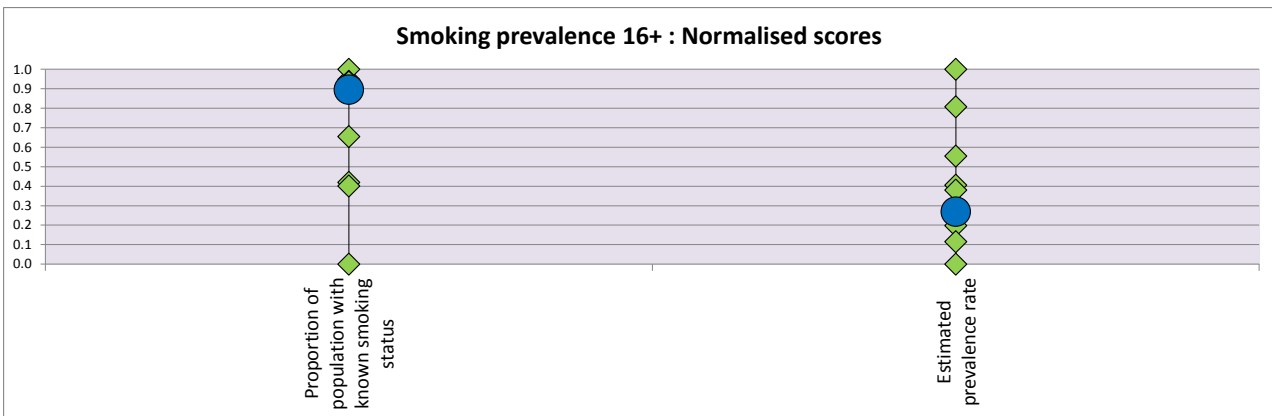
### Smoking prevalence (%)

Smokers 16+ among those with a known smoking status in the last 15 months from MIQUEST queries on practice clinical systems.

The value given is the number smoking of those of known smoking status in the last 15 months. This estimate is likely to be an overestimate as those who smoke are more likely to visit their GP and are more likely to have their smoking status recorded.

Mar-12

	Federation	Somerset	England	Range of Federation values
Number with known smoking status (16+)	69,270	339,127		
Number smoking (16+)	10,055	53,365		
Population (16+)	90,434	451,390		
Proportion of population with known smoking status	77%	75%		68% to 78%
Estimated prevalence rate	15%	16%		13% to 19%

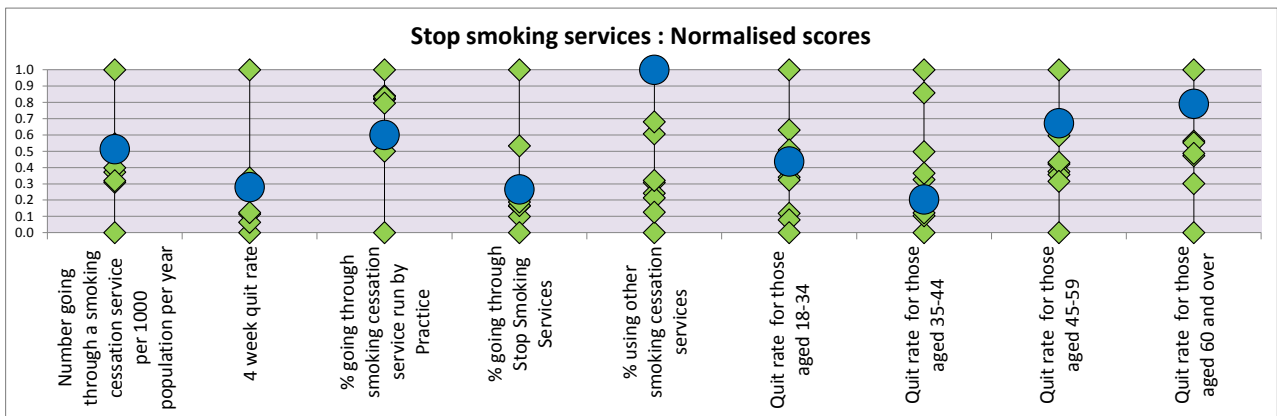


# South Somerset Healthcare

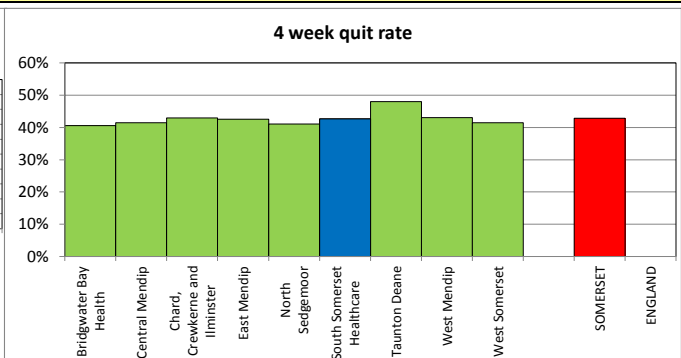
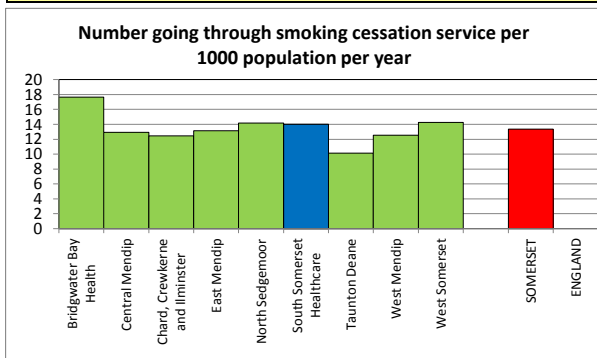
## Stop smoking services provision 2009-11

Smoking cessation services database

	Federation	Somerset	England	Range of Federation values
Number going through a smoking cessation service	4,541	21,608		
Number going through a smoking cessation service per 1000 population per year	14.0	13.4		10.1 to 17.7
Number quit (4 week)	1,937	9,267		
Number not quit (4 week)	2,241	10,834		
Number unknown quit status (4 week)	363	1,507		
4 week quit rate	43%	43%		41% to 48%
% going through smoking cessation service run by Practice	85%	86%		68% to 97%
% going through Stop Smoking Services	7%	9%		0% to 27%
% using other smoking cessation services	8%	5%		2% to 8%
Quit rate for those aged 18-34	35%	35%		29% to 44%
Quit rate for those aged 35-44	43%	44%		41% to 49%
Quit rate for those aged 45-59	47%	46%		41% to 50%
Quit rate for those aged 60 and over	51%	50%		45% to 53%



**The Federation has the highest value in the county for:**  
 % using other smoking cessation services



## South Somerset Healthcare

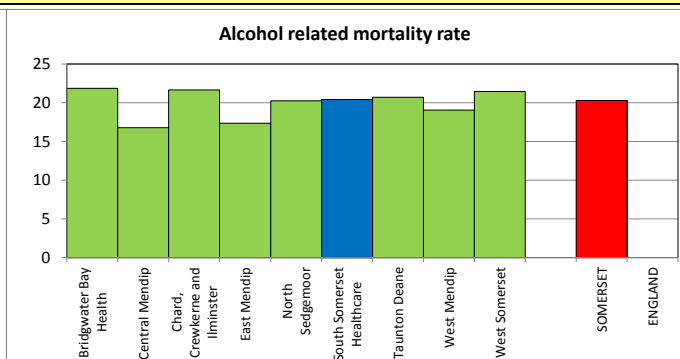
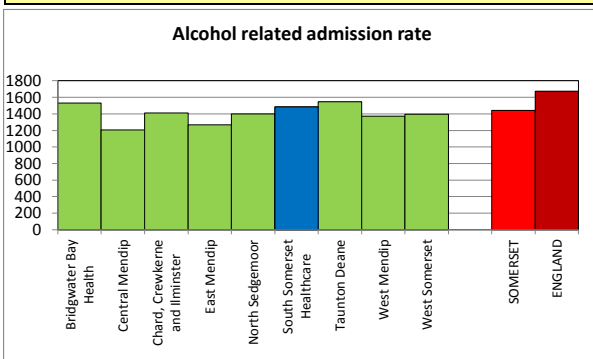
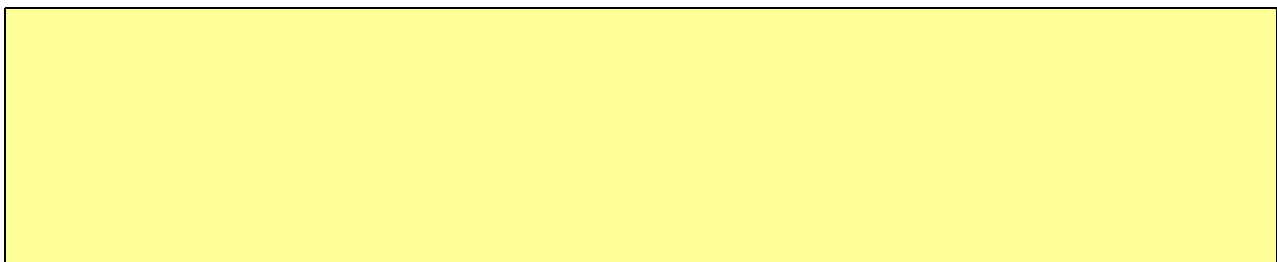
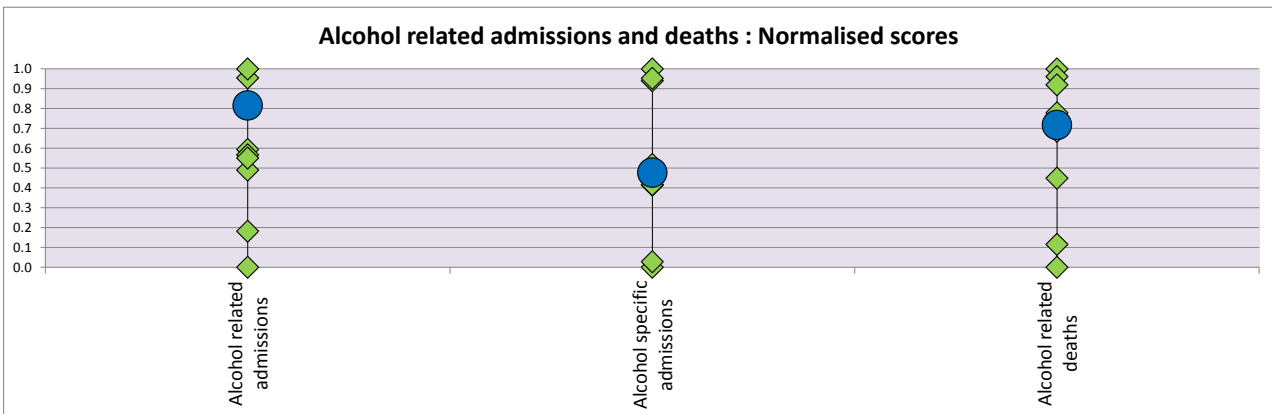
**Standardised admission and mortality rates for alcohol related conditions per 100,000 population per year**

SUS Inpatient activity files April 2007 to March 2012 and ONS annual mortality extract 2007-10 and ONS Primary Care Mortality Database 2011. Population files July 2007-July 2011. Admissions directly standardised rate by age/sex and Deaths indirectly standardised rate by age/sex.

The North West Public Health Observatory has produced a list of conditions that they consider could have an alcohol related component. Each condition is allocated an Attributable Fraction, which is dependent on age and sex, that describes what proportion of admissions from that cause could be attributable to alcohol.

Alcohol specific conditions are a subset of alcohol related conditions that can directly be attributable to alcohol.

	Federation rate	Somerset rate	England (average annual value 2007/8 to 2010/11)	Range of Federation values
Alcohol related admissions	1,485	1,443	1,673	1,207 to 1,548
Alcohol specific admissions	322	337		263 to 386
Alcohol related deaths	20	20		17 to 22



England figure is average annual value 2007/8 to 2010/11

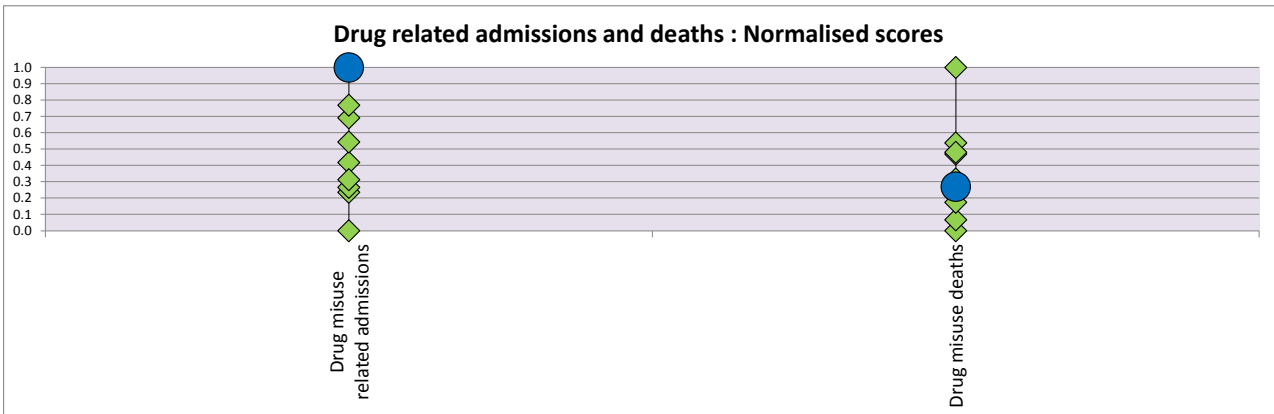
## South Somerset Healthcare

**Standardised admission and mortality rates for drug misuse per 100,000 population per year**

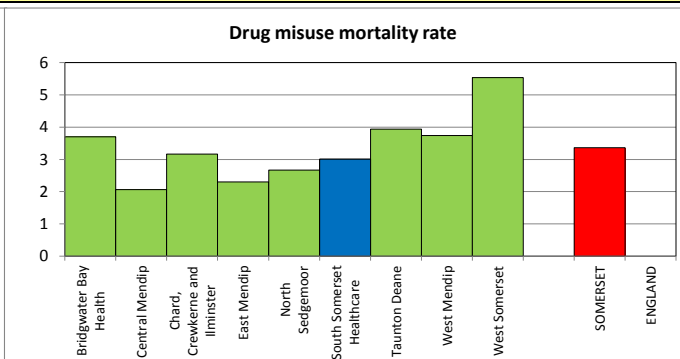
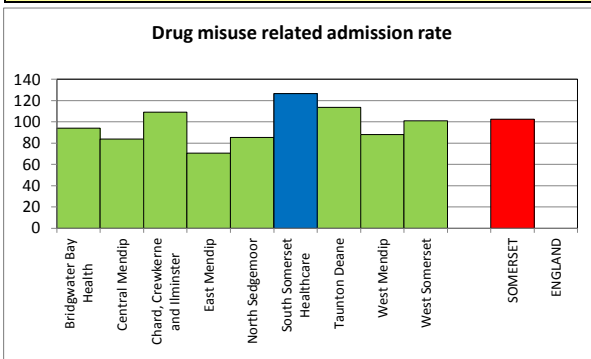
SUS Inpatient activity files April 2007 to March 2012 and ONS annual mortality extract 2007-10 and ONS Primary Care Mortality Database 2011. Population files July 2007-July 2011. Indirectly standardised rate by age/sex.

The National Treatment Agency for Substance Misuse guidance, Undertaking Needs Assessment – Drug Treatment (2009) recommended the following ICD10 codes: F10-F16, F18-F19, X42, X62 or Y12 in either the main diagnosis field or a secondary diagnosis field to identify substance misuse. **F10** relates to alcohol and is the major contributing code to substance abuse, it is **excluded** in the following indicators.

	Federation rate	Somerset rate	England	Range of Federation values
Drug misuse related admissions	126	103		71 to 126
Drug misuse deaths	3.0	3.4		2.1 to 5.5



**The Federation has the highest value in the county for:**  
Drug misuse related admissions





# South Somerset Healthcare

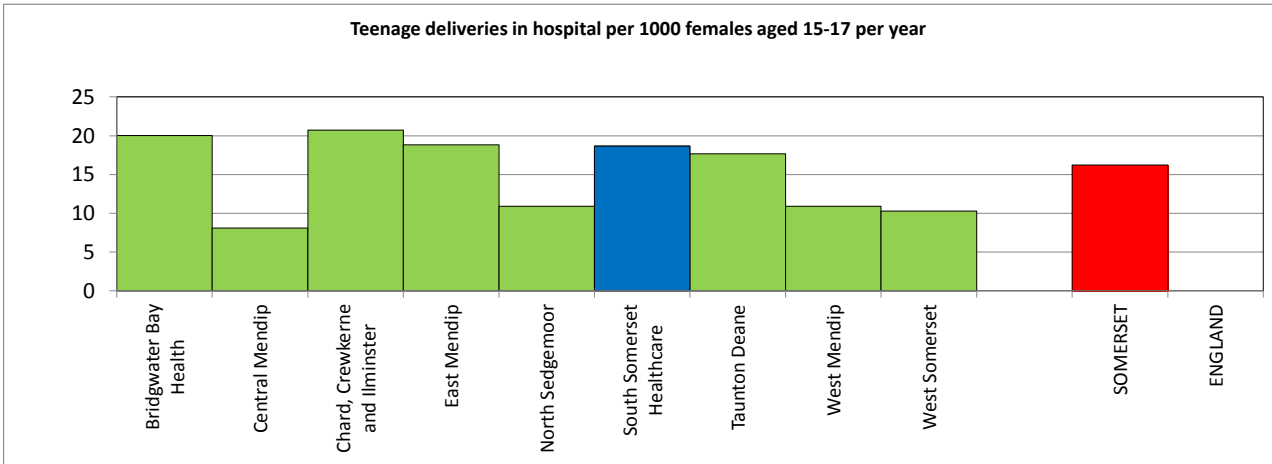
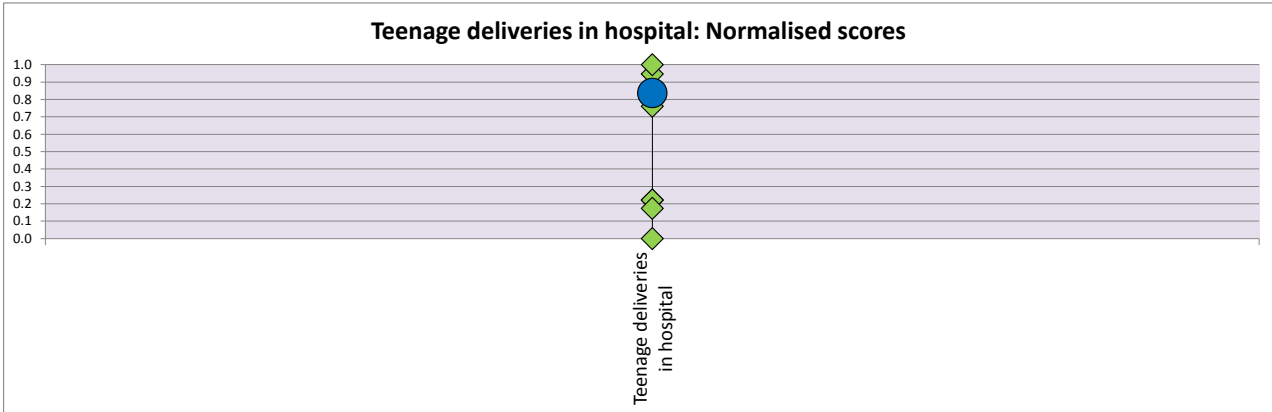
## Teenage deliveries in hospital

SUS Inpatient activity files April 2004 to March 2012. Population files July 2004-July 2011.  
Rate per 1000 females aged 15-17 per year.

Numbers of deliveries in hospital where the age of the mother is less than 18 at conception, making the assumption that delivery is at 9 months gestation. This will not include home deliveries.

April 2004 - March 2012

	Federation rate	Somerset rate	England	Range of Federation values
Teenage deliveries in hospital	18.7	16.2		8.1 to 20.7



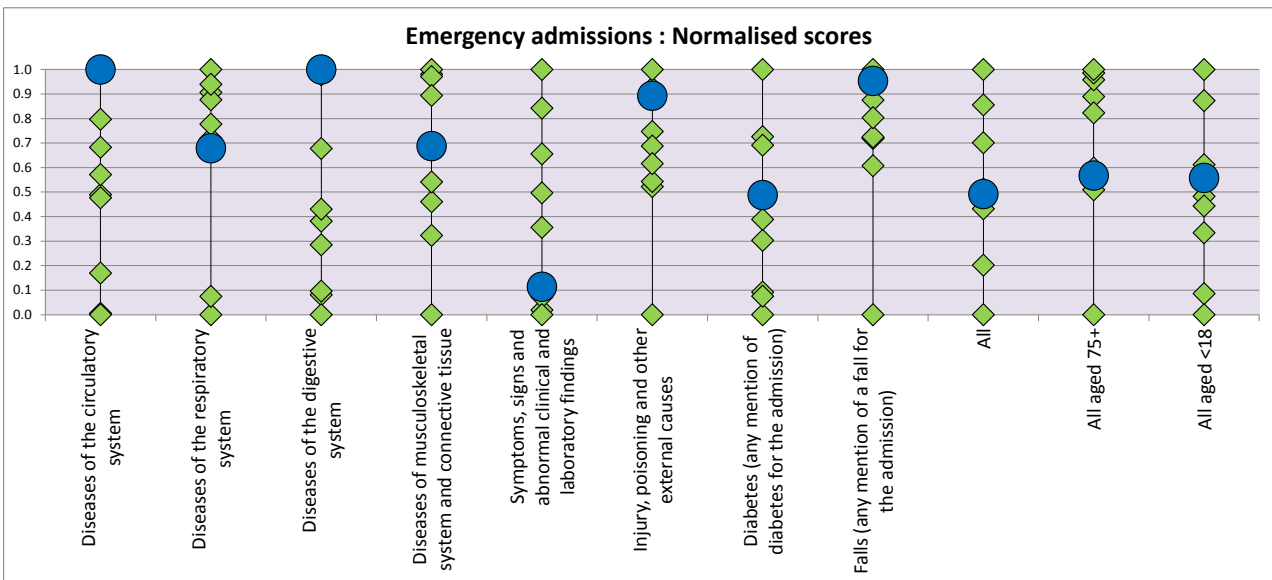
## South Somerset Healthcare

### Standardised emergency admission rate to hospital per 1000 population (ICD grouping)

SUS Inpatient activity files 2011/12. Population file July 2011. Emergency admissions. Standardised by age and sex.

0.6% of admissions are not included in the table below because the patient was of unknown age or sex.

ICD groupings	Observed	Expected (based on Somerset rates)	Federation rate	Somerset rate	England	Range of Federation values
Diseases of the circulatory system	1,204	1,104	11.1	10.2		9.0 to 11.1
Diseases of the respiratory system	1,074	1,097	9.8	10.1		8.1 to 10.6
Diseases of the digestive system	1,047	966	9.6	8.9		8.1 to 9.6
Diseases of musculoskeletal system and connective tissue	439	444	4.1	4.1		2.7 to 4.7
Symptoms, signs and abnormal clinical and laboratory findings	1,900	2,373	17.5	21.9		16.1 to 28.4
Injury, poisoning and other external causes	1,795	1,658	16.6	15.3		10.4 to 17.3
Diabetes (any mention of diabetes for the admission)	1,302	1,304	12.0	12.0		10.4 to 13.7
Falls (any mention of a fall for the admission)	1,095	1,000	10.1	9.3		6.2 to 10.3
<b>All</b>	<b>10,164</b>	<b>10,485</b>	<b>93.6</b>	<b>96.6</b>		<b>79.7 to 108.0</b>
<b>All aged 75+</b>	<b>3,287</b>	<b>3,387</b>	<b>304.1</b>	<b>313.4</b>		<b>269.2 to 330.8</b>
<b>All aged &lt;18</b>	<b>1,550</b>	<b>1,540</b>	<b>69.5</b>	<b>69.0</b>		<b>52.2 to 83.1</b>



## South Somerset Healthcare

### Significantly higher than county average for:

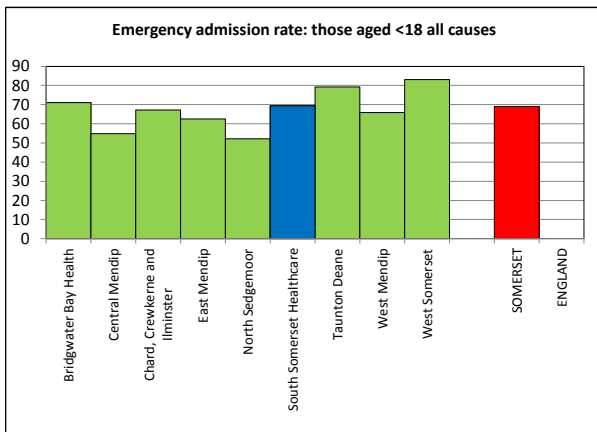
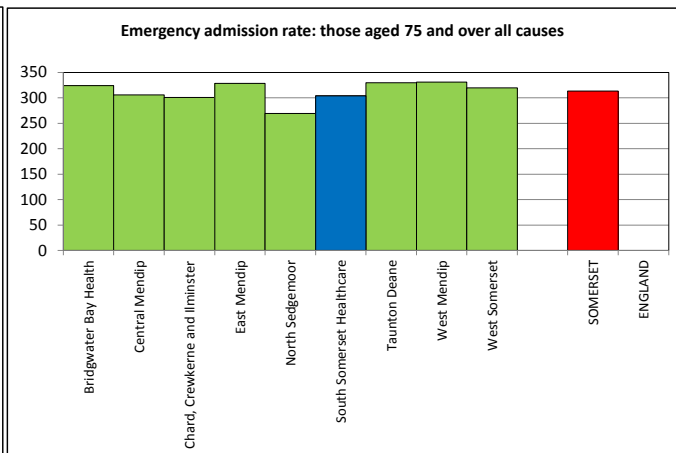
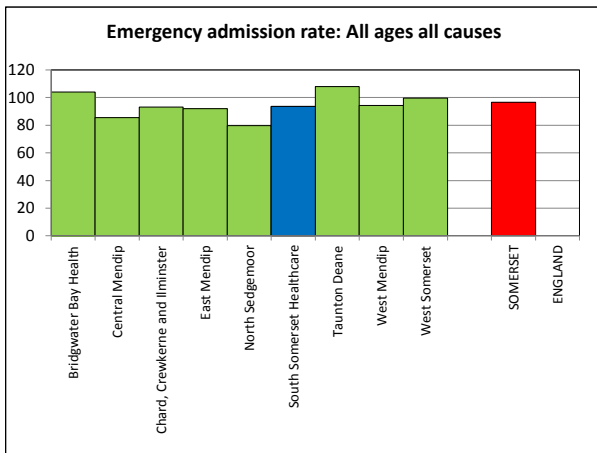
Diseases of the circulatory system    Injury, poisoning and other external causes    Falls (any mention of a fall for the admission)

### The Federation has the highest value in the county for:

Diseases of the circulatory system    Diseases of the digestive system

### Significantly lower than county average for:

Symptoms, signs and abnormal clinical and laboratory findings    All



- Are any of the groups marked red, thus indicating a Federation value significantly higher than the county average?
- Does this specialty have a high value for a standardised first outpatient attendance (proxy for referral) if not is there any other explanation?
- Are there any ICD 10 groupings that are significantly higher than the county average?

## South Somerset Healthcare

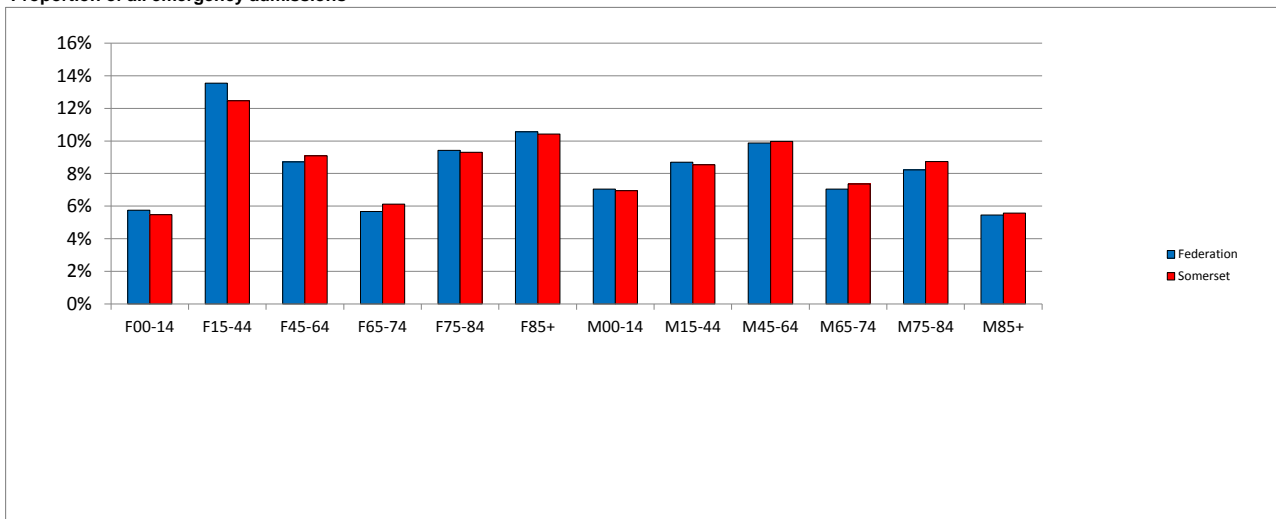
### Emergency admission numbers by age and sex of patient

SUS Inpatient activity files 2011/12. Population file July 2011.

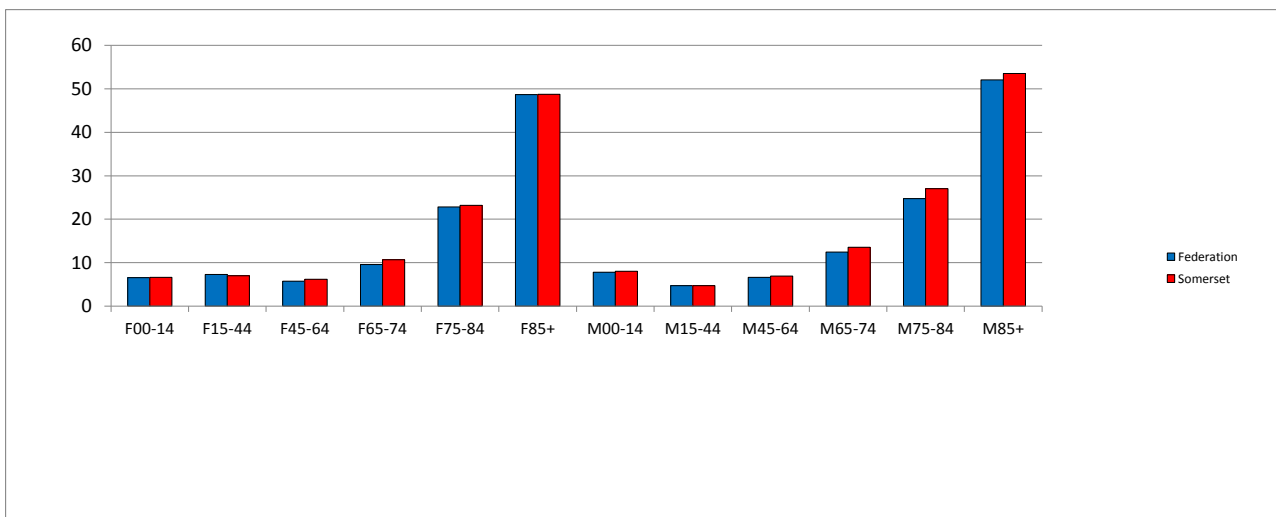
The crude rate shown is the number of admissions per population in the age/sex group. There can be multiple admissions for patients. 0.6% of admissions are not included in the table below because the patient was of unknown age or sex.

age/sex group	Federation			Somerset		
	no.	% of total	Crude rate per 100 population	no.	% of total	Crude rate per 100 population
F00-14	584	6%	6.5	2,862	5%	6.6
F15-44	1,377	14%	7.3	6,526	12%	7.0
F45-64	885	9%	5.8	4,759	9%	6.2
F65-74	577	6%	9.6	3,207	6%	10.7
F75-84	957	9%	22.8	4,866	9%	23.2
F85+	1,074	11%	48.7	5,458	10%	48.7
M00-14	717	7%	7.8	3,632	7%	8.0
M15-44	883	9%	4.7	4,469	9%	4.7
M45-64	1,003	10%	6.7	5,216	10%	6.9
M65-74	717	7%	12.5	3,850	7%	13.6
M75-84	835	8%	24.8	4,575	9%	27.0
M85+	555	5%	52.0	2,917	6%	53.6
<b>Total</b>	<b>10,164</b>	<b>100%</b>		<b>52,337</b>	<b>100%</b>	

Proportion of all emergency admissions



Crude rate per 100 population



**Emergency admission numbers by reason for admission**

SUS Inpatient activity files 2011/12

The total is the sum of the ICD groupings above the thick black line. Those below are subsets of groupings above. 0.6% of admissions are not included in the table below because the patient was of unknown age or sex.

ICD groupings	Federation		Somerset	
	no.	%	no.	%
Infectious and parasitic diseases	327	3%	1,646	3%
Cancer	278	3%	1,367	3%
In situ and benign neoplasms and neoplasms of unknown or uncertain behaviour	22	0%	233	0%
Diseases of blood and blood forming organs	112	1%	655	1%
Endocrine, nutritional and metabolic diseases	172	2%	1,058	2%
Mental and behavioural disorders	230	2%	1,083	2%
Diseases of the nervous system	249	2%	1,309	3%
Diseases of eye and adnexa	56	1%	274	1%
Diseases of Ear and Mastoid process	22	0%	151	0%
Diseases of the circulatory system	1,204	12%	5,532	11%
Diseases of the respiratory system	1,074	11%	5,451	10%
Diseases of the digestive system	1,047	10%	4,826	9%
Diseases of skin and subcutaneous tissue	266	3%	1,396	3%
Diseases of musculoskeletal system and connective tissue	439	4%	2,221	4%
Diseases of genitourinary system	571	6%	2,871	5%
Pregnancy, childbirth and puerperium	235	2%	1,160	2%
Certain conditions originating in perinatal period	63	1%	404	1%
Congenital malformations, deformations and chromosomal abnormalities	19	0%	77	0%
Symptoms, signs and abnormal clinical and laboratory findings	1,900	19%	11,854	23%
Injury, poisoning and other external causes	1,795	18%	8,306	16%
Factors influencing health status and contact with health services	83	1%	463	1%
Coronary Heart Disease	386	4%	1,560	3%
Cerebrovascular disease	200	2%	1,000	2%
COPD	218	2%	1,035	2%
Asthma	78	1%	409	1%
Diabetes (as the main reason for admission)	72	1%	382	1%
Diabetes (any mention of diabetes for the admission)	1,302	13%	6,528	12%
Falls (any mention of a fall for the admission)	1,095	11%	5,022	10%
<b>Total</b>	<b>10,164</b>	<b>100%</b>	<b>52,337</b>	<b>100%</b>

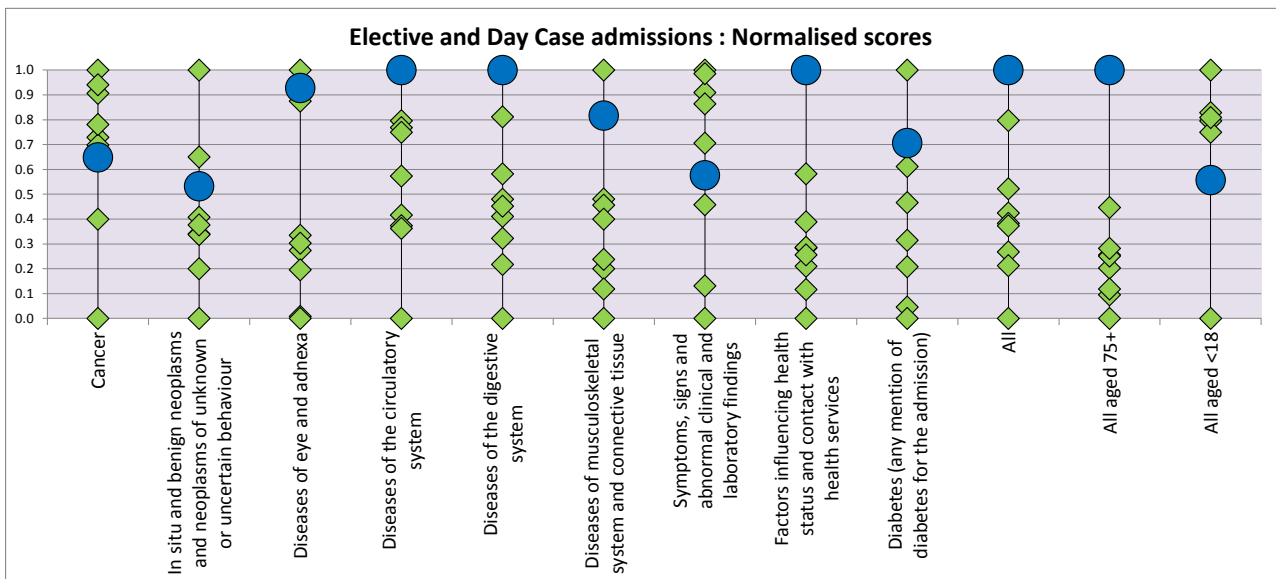
## South Somerset Healthcare

**Standardised elective admission rate to hospital per 1000 population (ICD grouping)**

SUS Inpatient activity files 2011/12. Population file July 2011. Elective and Day cases. Standardised by age and sex.

0.8% of admissions are not included in the table below because the patient was of unknown age or sex.

ICD groupings	Observed	Expected (based on Somerset rates)	Federation rate	Somerset rate	England rate	Range of Federation values
Cancer	3,020	3,122	27.8	28.7		16.6 to 33.8
In situ and benign neoplasms and neoplasms of unknown or uncertain behaviour	685	671	6.3	6.2		5.1 to 7.4
Diseases of eye and adnexa	1,568	1,302	14.5	12.0		10.1 to 14.8
Diseases of the circulatory system	1,081	949	9.9	8.7		6.3 to 9.9
Diseases of the digestive system	3,025	2,538	27.8	23.4		18.9 to 27.8
Diseases of musculoskeletal system and connective tissue	2,106	1,887	19.4	17.4		14.9 to 20.4
Symptoms, signs and abnormal clinical and laboratory findings	996	1,042	9.2	9.6		7.1 to 10.7
Factors influencing health status and contact with health services	1,392	949	12.8	8.7		6.0 to 12.8
Diabetes (any mention of diabetes for the admission)	1,457	1,375	13.4	12.7		9.8 to 14.9
<b>All</b>	<b>17,524</b>	<b>15,896</b>	<b>161.3</b>	<b>146.3</b>		<b>129.7 to 161.3</b>
<b>All aged 75+</b>	<b>3,685</b>	<b>3,148</b>	<b>339.8</b>	<b>290.3</b>		<b>265.7 to 339.8</b>
<b>All aged &lt;18</b>	<b>760</b>	<b>816</b>	<b>34.5</b>	<b>37.0</b>		<b>22.6 to 43.9</b>



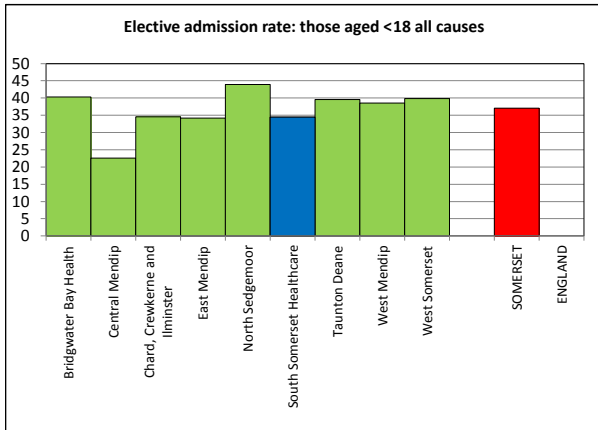
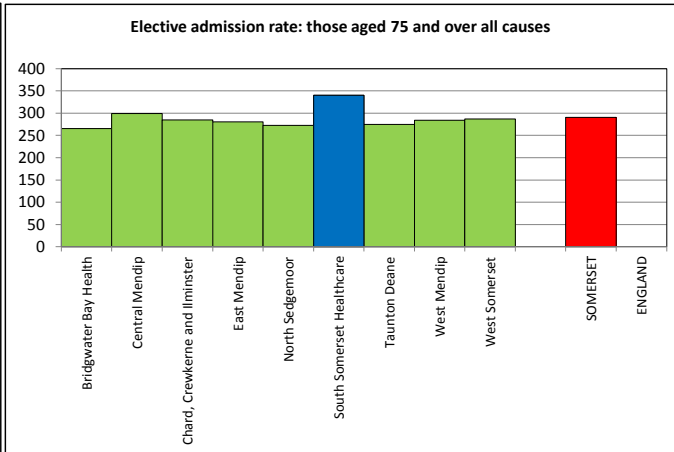
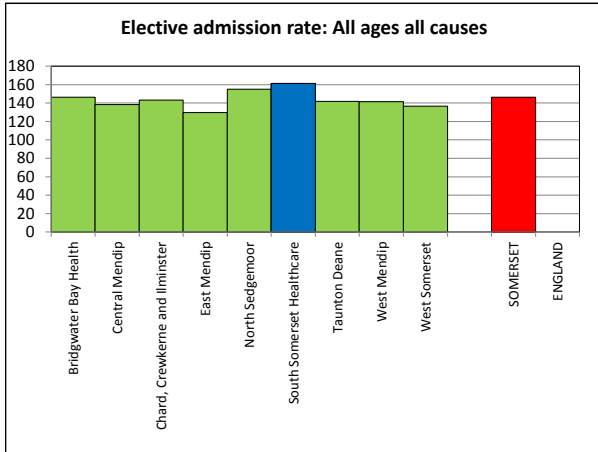
## South Somerset Healthcare

### Significantly higher than county average for:

Diseases of eye and adnexa Diseases of the circulatory system Diseases of the digestive system Diseases of musculoskeletal system and connective tissue Factors influencing health status and contact with health services All All aged 75+

### The Federation has the highest value in the county for:

Diseases of the circulatory system Diseases of the digestive system Factors influencing health status and contact with health services All All aged 75+



- Are any of the disease groups marked red, thus indicating a Federation value significantly higher than the county average?
- Does this speciality have a high value for a standardised first outpatient attendance (proxy for referral) if not is there any other explanation?
- Are there any ICD 10 groupings that are either significantly higher than the county average or where your Federation is in the top 10%.

## South Somerset Healthcare

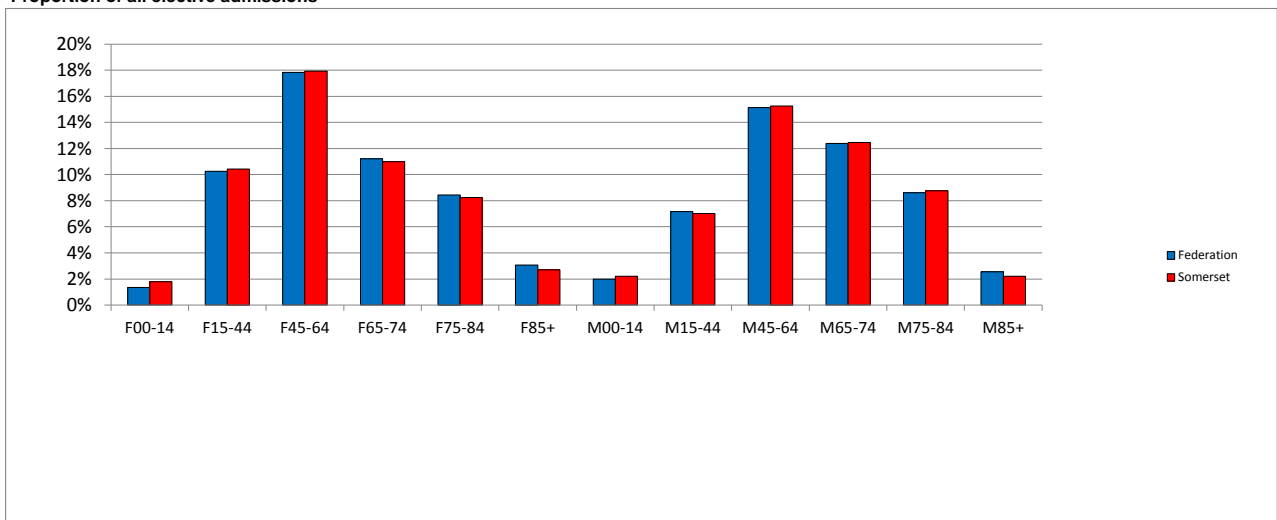
### Elective admission numbers by age and sex of patient

SUS Inpatient activity files 2011/12. Population file July 2011.

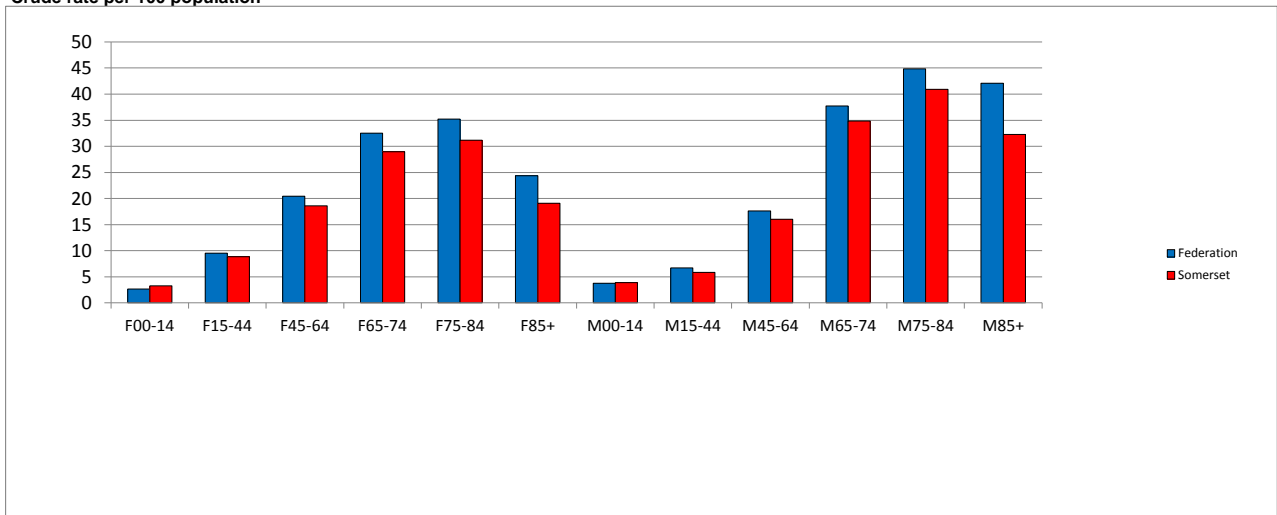
The crude rate shown is the number of admissions per population in the age/sex group. There can be multiple admissions for patients. 0.8% of admissions are not included in the table below because the patient was of unknown age or sex.

age/sex group	Federation			Somerset		
	no.	% of total	Crude rate per 100 population	no.	% of total	Crude rate per 100 population
F00-14	237	1%	2.7	1,414	2%	3.3
F15-44	1,796	10%	9.5	8,267	10%	8.8
F45-64	3,127	18%	20.4	14,224	18%	18.6
F65-74	1,963	11%	32.5	8,710	11%	29.0
F75-84	1,478	8%	35.2	6,535	8%	31.2
F85+	537	3%	24.3	2,138	3%	19.1
M00-14	348	2%	3.8	1,753	2%	3.9
M15-44	1,254	7%	6.7	5,564	7%	5.8
M45-64	2,654	15%	17.6	12,100	15%	16.0
M65-74	2,170	12%	37.7	9,872	12%	34.8
M75-84	1,511	9%	44.8	6,937	9%	40.9
M85+	449	3%	42.1	1,757	2%	32.3
<b>Total</b>	<b>17,524</b>	<b>100%</b>		<b>79,271</b>	<b>100%</b>	

Proportion of all elective admissions



Crude rate per 100 population





**Elective admission numbers by reason for admission**

SUS Inpatient activity files 2011/12

The total is the sum of the ICD groupings above the thick black line. Those below are subsets of groupings above. 0.8% of admissions are not included in the table below because the patient was of unknown age or sex.

ICD groupings	Federation		Somerset	
	no.	%	no.	%
Infectious and parasitic diseases	26	0%	143	0%
Cancer	3,020	17%	15,563	20%
In situ and benign neoplasms and neoplasms of unknown or uncertain behaviour	685	4%	3,346	4%
Diseases of blood and blood forming organs	372	2%	1,643	2%
Endocrine, nutritional and metabolic diseases	375	2%	1,092	1%
Mental and behavioural disorders	33	0%	155	0%
Diseases of the nervous system	416	2%	1,999	3%
Diseases of eye and adnexa	1,568	9%	6,518	8%
Diseases of Ear and Mastoid process	150	1%	815	1%
Diseases of the circulatory system	1,081	6%	4,733	6%
Diseases of the respiratory system	334	2%	1,643	2%
Diseases of the digestive system	3,025	17%	12,657	16%
Diseases of skin and subcutaneous tissue	331	2%	1,549	2%
Diseases of musculoskeletal system and connective tissue	2,106	12%	9,419	12%
Diseases of genitourinary system	1,031	6%	4,899	6%
Pregnancy, childbirth and puerperium	55	0%	796	1%
Certain conditions originating in perinatal period	8	0%	26	0%
Congenital malformations, deformations and chromosomal abnormalities	124	1%	591	1%
Symptoms, signs and abnormal clinical and laboratory findings	996	6%	5,194	7%
Injury, poisoning and other external causes	396	2%	1,766	2%
Factors influencing health status and contact with health services	1,392	8%	4,724	6%
Coronary Heart Disease	339	2%	1,377	2%
Diabetes (any mention of diabetes for the admission)	1,457	8%	6,860	9%
<b>Total</b>	<b>17,524</b>	<b>100%</b>	<b>79,271</b>	<b>100%</b>

# South Somerset Healthcare

## Standardised first outpatient attendance rate per 1000 population (proxy for referral)

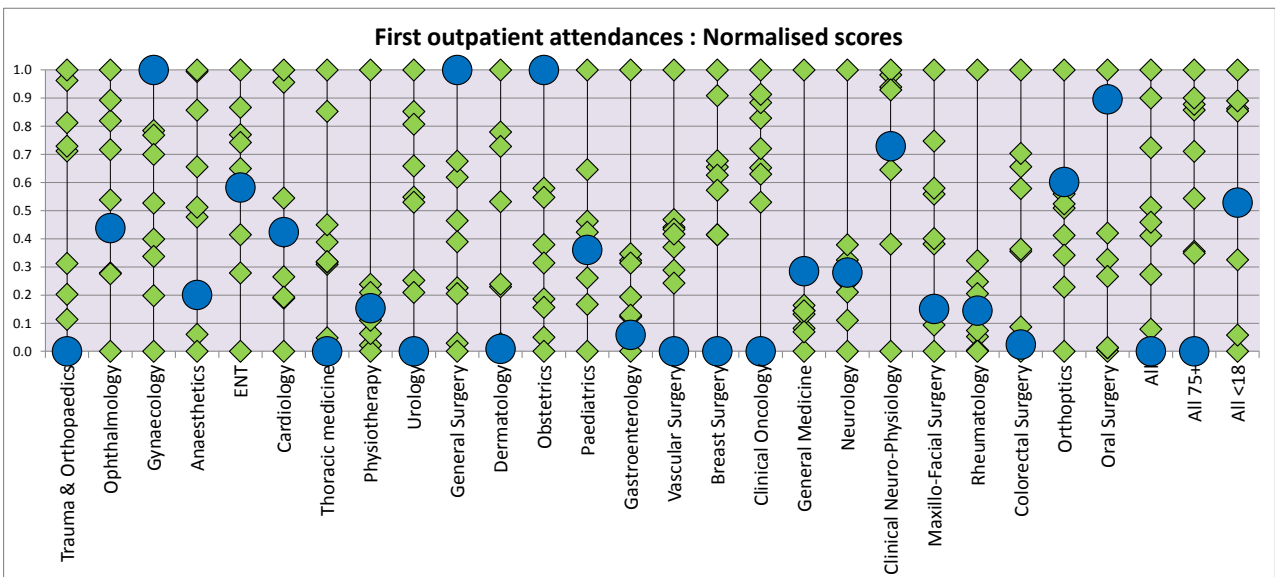
Outpatient activity files 2011/12. Population file July 2011. Standardised by age and sex.

Treatment function code is used rather than Specialty. The treatment function code reflects what the patient is treated for rather than the main specialty of the consultant under whose care the patient is. Not all treatment functions are listed. Some activity is only shown for Federations. 1.0% of admissions are not included in the table below because the patient was of unknown age or sex.

Appropriate age and sex populations are used as the base for the rates. In this table Gynaecology is restricted to women; Paediatrics to those in the age ranges 0-4, 5-14 and 15-24; Obstetrics to women aged 15-44.

2011/12

Treatment Function	Observed	Expected (based on Somerset rates)	Federation rate	Somerset rate	England rate	Range of Federation values
Trauma & Orthopaedics	5,485	8,269	50.5	76.2		50.5 to 99.2
Ophthalmology	3,706	3,838	34.1	35.4		30.5 to 38.8
Gynaecology	2,620	2,288	47.1	41.1		33.9 to 47.1
Anaesthetics	857	2,354	7.9	21.7		0.7 to 36.7
ENT	2,196	2,261	20.2	20.8		16.8 to 22.6
Cardiology	2,171	2,133	20.0	19.7		11.7 to 31.3
Thoracic medicine	781	1,861	7.2	17.1		7.2 to 28.5
Physiotherapy	1,057	1,783	9.7	16.4		3.4 to 44.5
Urology	1,344	1,680	12.4	15.5		12.4 to 18.1
General Surgery	2,795	1,628	25.7	15.0		7.9 to 25.7
Dermatology	1,299	1,561	12.0	14.4		11.9 to 20.1
Obstetrics	1,819	1,129	96.0	59.6		34.9 to 96.0
Paediatrics	1,117	1,138	57.5	58.6		47.7 to 74.9
Gastroenterology	698	802	6.4	7.4		6.1 to 11.3
Vascular Surgery	216	741	2.0	6.8		2.0 to 15.4
Breast Surgery	136	701	1.2	6.4		1.2 to 10.9
Clinical Oncology	462	681	4.3	6.3		4.3 to 7.6
General Medicine	724	642	6.7	5.9		2.5 to 17.1
Neurology	620	630	5.7	5.8		4.5 to 8.9
Clinical Neuro-Physiology	576	605	5.3	5.6		0.4 to 7.1
Maxillo-Facial Surgery	213	581	2.0	5.4		0.5 to 10.2
Rheumatology	544	574	5.0	5.3		4.1 to 10.5
Colorectal Surgery	122	547	1.1	5.0		0.9 to 10.4
Orthoptics	596	524	5.4	4.7		2.2 to 7.5
Oral Surgery	923	464	8.5	4.3		0.9 to 9.4
<b>All</b>	<b>37,398</b>	<b>44,541</b>	<b>343.8</b>	<b>409.5</b>		<b>343.8 to 469.7</b>
<b>All 75+</b>	<b>6,231</b>	<b>7,882</b>	<b>574.5</b>	<b>726.8</b>		<b>574.5 to 826.8</b>
<b>All &lt;18</b>	<b>4,785</b>	<b>4,897</b>	<b>216.7</b>	<b>221.8</b>		<b>189.7 to 240.8</b>



## South Somerset Healthcare

**Significantly higher than county average for:**

Gynaecology    General Surgery    Obstetrics    General Medicine    Orthoptics    Oral Surgery

**The Federation has the highest value in the county for:**

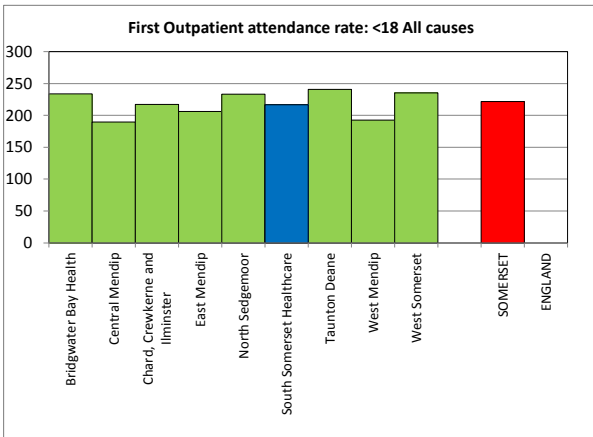
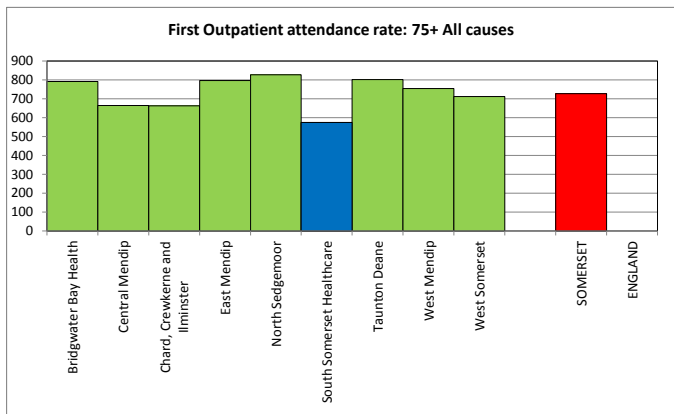
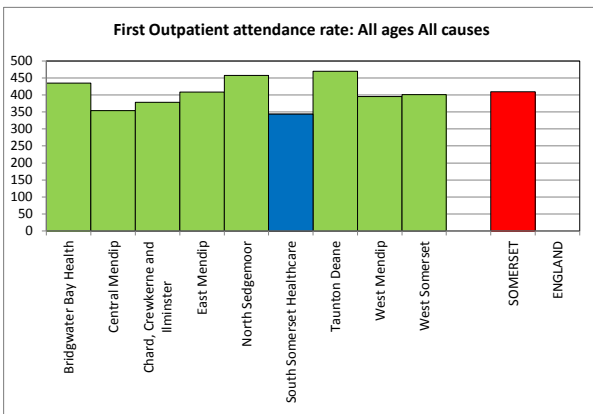
Gynaecology    General Surgery    Obstetrics

**Significantly lower than county average for:**

Trauma & Orthopaedics    Anaesthetics    Thoracic medicine    Physiotherapy    Urology    Dermatology    Gastroenterology    Vascular Surgery    Breast Surgery    Clinical Oncology    Maxillo-Facial Surgery    Colorectal Surgery    All    All 75+

**The Federation has the lowest value in the county for:**

Trauma & Orthopaedics    Thoracic medicine    Urology    Vascular Surgery    Breast Surgery    Clinical Oncology    All    All 75+



# South Somerset Healthcare

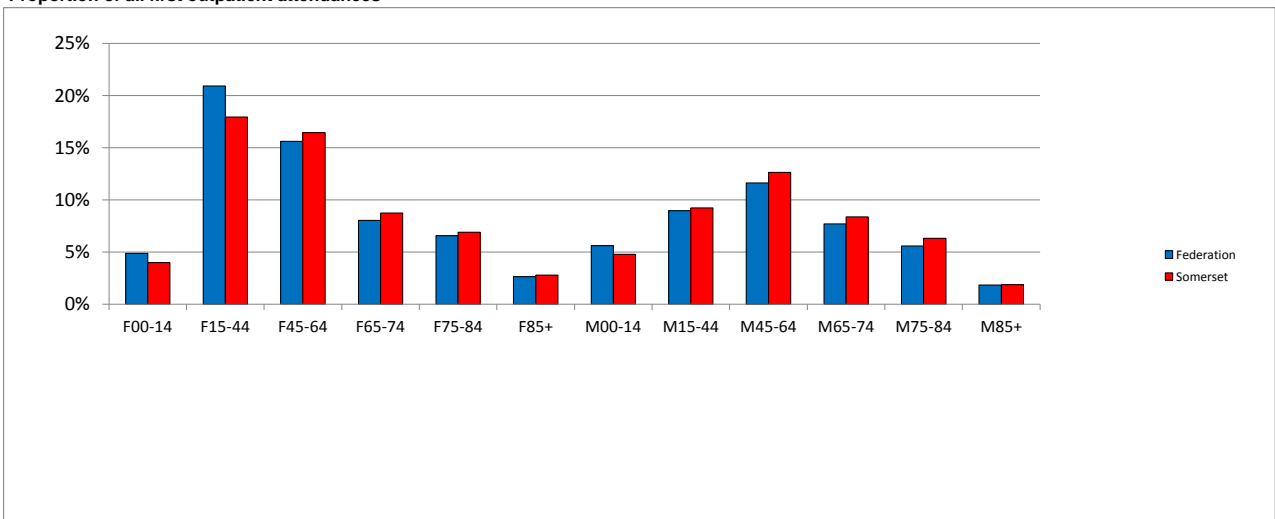
## First Outpatient attendances by age and sex of patient

SUS Outpatient activity file 2011/12. Population file July 2011.

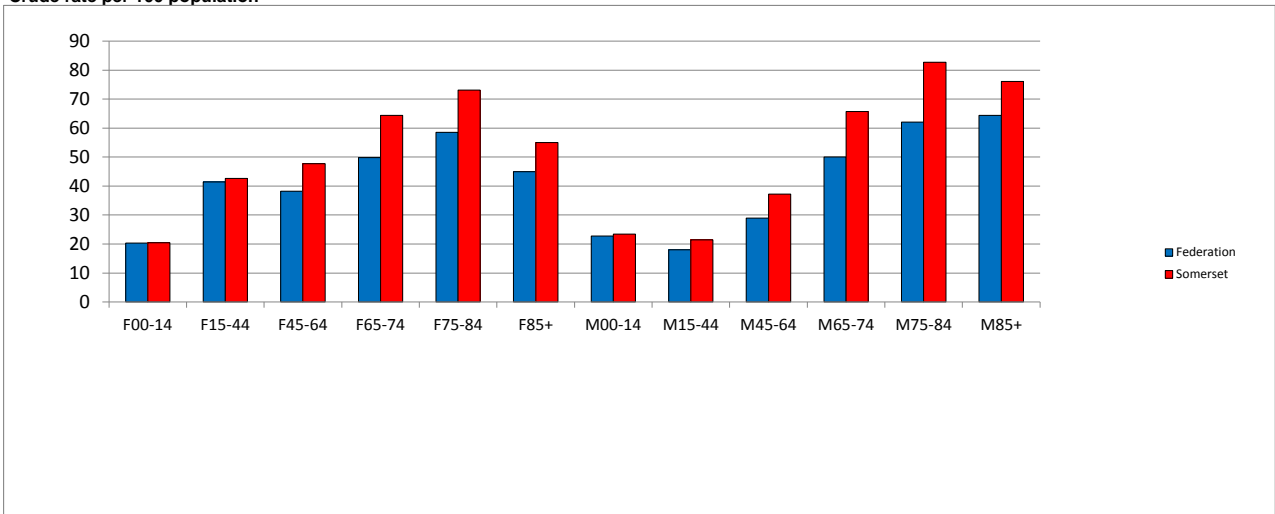
The crude rate shown is the number of first attendances per population in the age/sex group. There can be multiple first attendances for patients. 1.0% of admissions are not included in the table below because the patient was of unknown age or sex.

age/sex group	Federation			Somerset		
	no.	% of total	Crude rate per 100 population	no.	% of total	Crude rate per 100 population
F00-14	1,819	5%	20.4	8,829	4%	20.5
F15-44	7,817	21%	41.4	39,782	18%	42.6
F45-64	5,836	16%	38.2	36,499	16%	47.8
F65-74	3,011	8%	49.8	19,380	9%	64.4
F75-84	2,459	7%	58.6	15,320	7%	73.1
F85+	992	3%	45.0	6,164	3%	55.0
M00-14	2,098	6%	22.8	10,599	5%	23.5
M15-44	3,355	9%	18.0	20,454	9%	21.5
M45-64	4,353	12%	28.9	28,060	13%	37.2
M65-74	2,878	8%	50.0	18,611	8%	65.7
M75-84	2,093	6%	62.1	14,017	6%	82.7
M85+	687	2%	64.4	4,147	2%	76.1
<b>Total</b>	<b>37,398</b>	<b>100%</b>		<b>221,862</b>	<b>100%</b>	

Proportion of all first outpatient attendances



Crude rate per 100 population



**First Outpatient attendances by reason for attendance**

SUS Outpatient activity file 2011/12

The total contains more than the sum of the lines above. 1.0% of admissions are not included in the table below because the patient was of unknown age or sex.

**ALL AGES** (those with known diagnosis)

Treatment Function	Federation		Somerset	
	no.	%	no.	%
Trauma & Orthopaedics	5,485	15%	41,264	19%
Ophthalmology	3,706	10%	19,156	9%
Gynaecology	2,648	7%	11,408	5%
Anaesthetics	857	2%	11,753	5%
ENT	2,196	6%	11,259	5%
Cardiology	2,171	6%	10,652	5%
Thoracic medicine	781	2%	9,291	4%
Physiotherapy	1,057	3%	8,898	4%
Urology	1,344	4%	8,391	4%
General Surgery	2,795	7%	8,122	4%
Dermatology	1,299	3%	7,797	4%
Obstetrics	1,825	5%	5,580	3%
Paediatrics	1,117	3%	5,588	3%
Gastroenterology	698	2%	4,002	2%
<b>All treatment functions (not all shown above)</b>	<b>37,398</b>		<b>221,862</b>	

**QIPP Prescribing indicators**

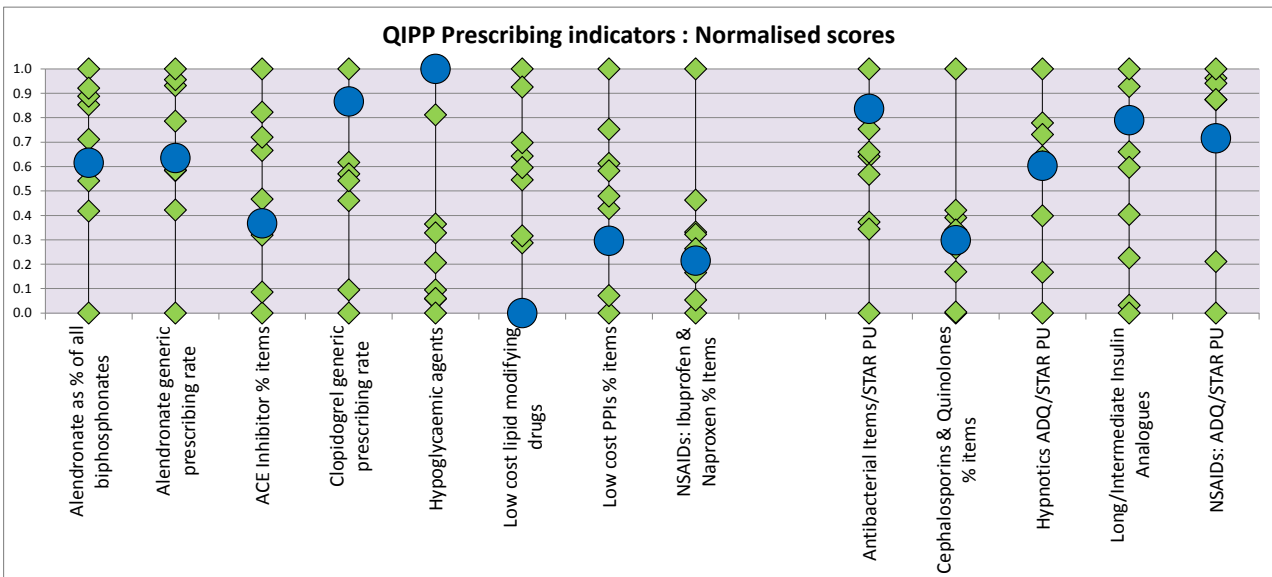
NHSBSA reports 2012

Orange highlighting indicates an improvement from the previous year (ie for the top 8 indicators that the rate has increased and for the bottom 5 indicators that the rate has decreased.)

2011/12

Indicator	Numerator	Denominator	Federation rate	Somerset rate	England rate	Range of Federation values
Alendronate as % of all biphosphonates	14,399	17,744	81.1	81.2	82.3	75.1 to 84.9
Alendronate generic prescribing rate	14,347	14,399	99.6	99.6	99.3	99.1 to 99.9
ACE Inhibitor % items	91,090	122,058	74.6	75.4	71.5	72.2 to 78.8
Clopidogrel generic prescribing rate	8,172	8,199	99.7	99.3	98.9	98.6 to 99.8
Hypoglycaemic agents	42,647	48,177	88.5	85.7	85.0	84.2 to 88.5
Low cost lipid modifying drugs	83,393	119,733	69.6	73.2	73.4	69.6 to 76.3
Low cost PPIs % items	89,328	93,974	95.1	95.3	96.1	94.3 to 96.8
NSAIDs: Ibuprofen & Naproxen % Items	19,391	33,098	58.6	59.4	56.7	57.0 to 64.5
Antibacterial Items/STAR PU	74,310	61,852	1.2	1.1	1.2	0.9 to 1.3
Cephalosporins & Quinolones % items	3,627	74,019	4.9	4.9	6.7	4.0 to 7.1
Hypnotics ADQ/STAR PU	353,998	95,508	3.7	3.7	4.6	2.7 to 4.3
Long/Intermediate Insulin Analogues	4,648	5,481	84.8	76.9	84.8	62.3 to 90.8
NSAIDs: ADQ/STAR PU	1,050,272	254,541	4.1	4.1	4.3	3.3 to 4.5

For the 8 indicators on the left a higher rate is better. For the 5 indicators on the right a lower rate is better.



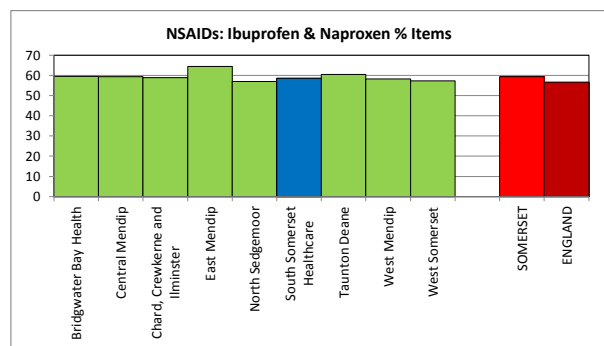
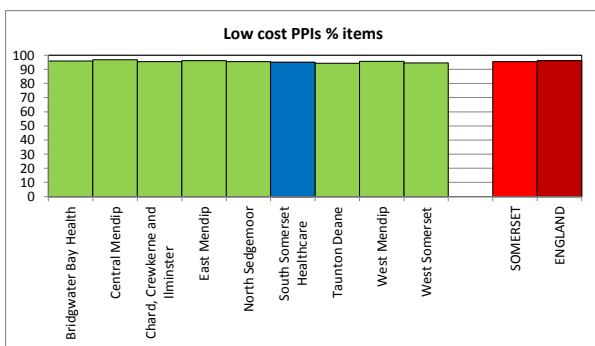
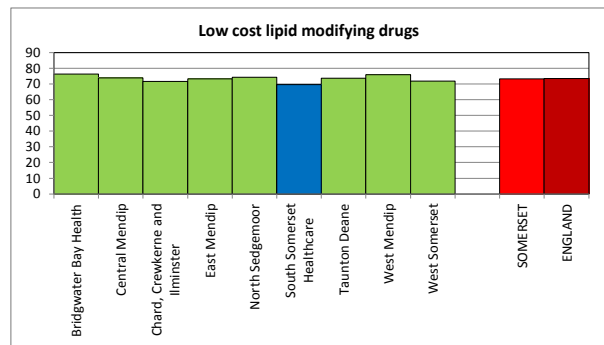
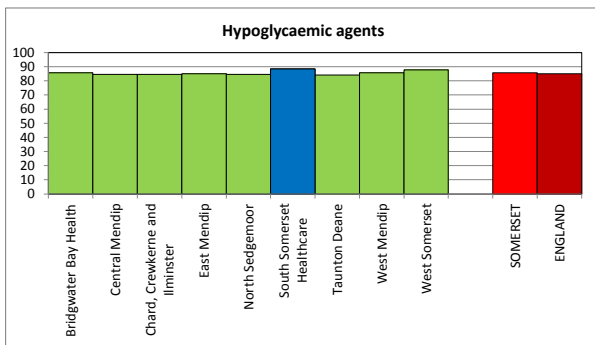
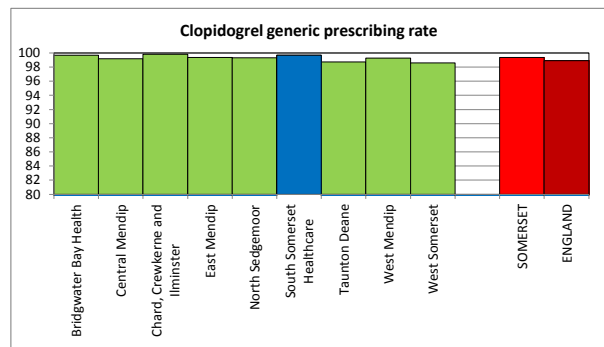
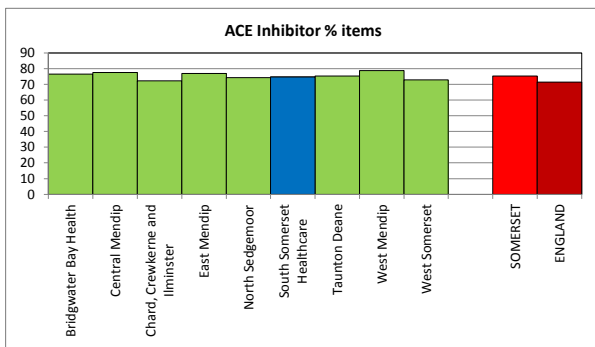
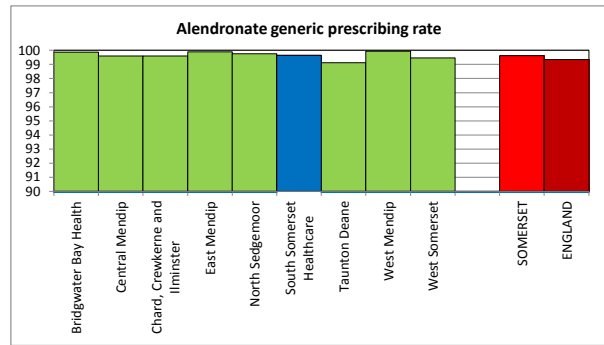
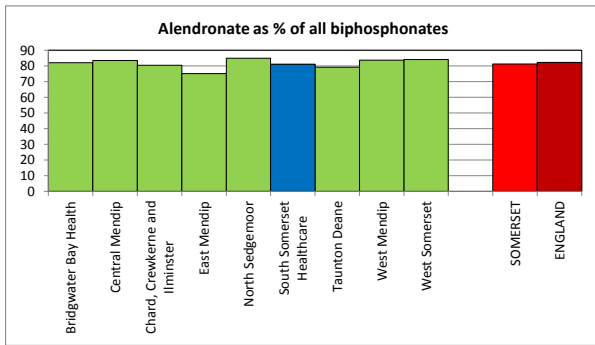
**The Federation has the highest value in the county for:**

Hypoglycaemic agents

**The Federation has the lowest value in the county for:**

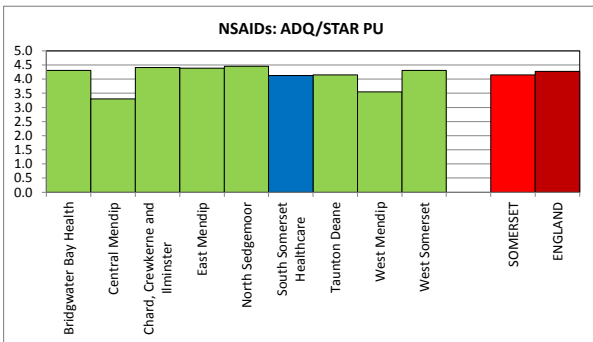
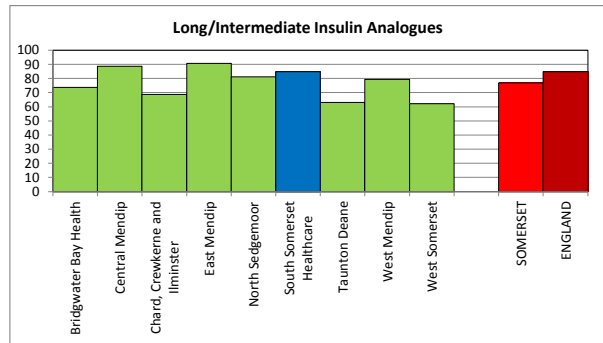
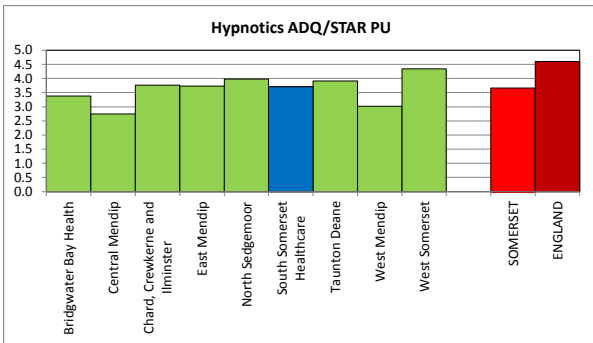
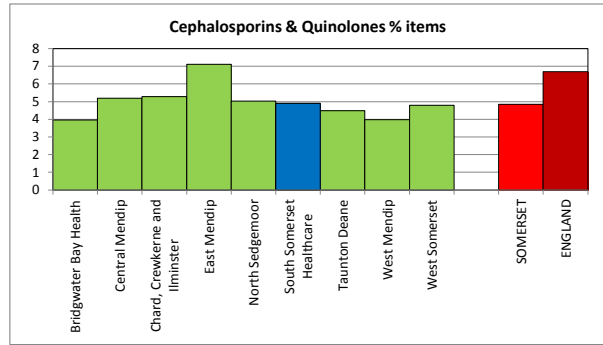
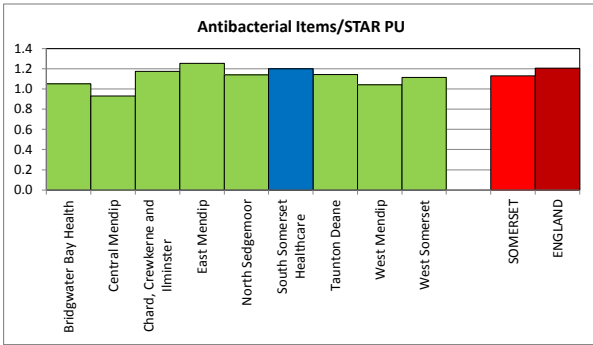
Low cost lipid modifying drugs

Indicators where a higher rate is better



# South Somerset Healthcare

Indicators where a lower rate is better



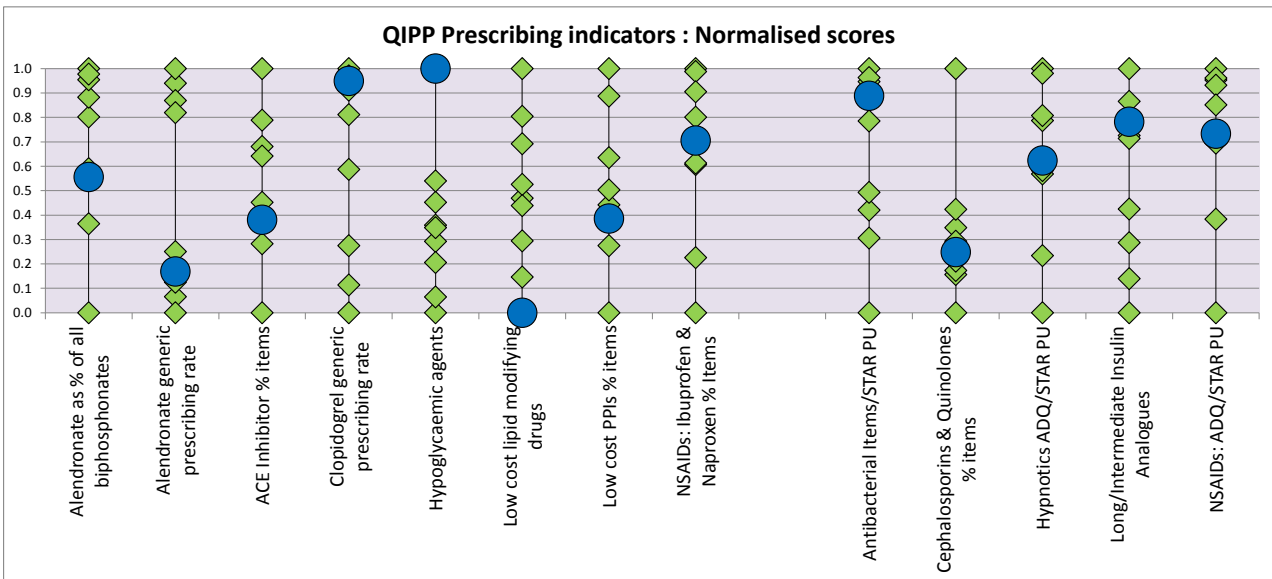


# South Somerset Healthcare

2010/11

Indicator	Numerator	Denominator	Federation rate	Somerset rate	England rate	Range of Federation values
Alendronate as % of all biphosphonates	12,845	16,491	77.9	78.9	80.1	70.7 to 83.6
Alendronate generic prescribing rate	12,770	12,845	99.4	99.6	99.0	99.3 to 99.9
ACE Inhibitor % items	85,801	115,326	74.4	75.3	71.3	71.2 to 79.6
Clopidogrel generic prescribing rate	5,666	5,725	99.0	98.6	97.8	97.6 to 99.0
Hypoglycaemic agents	40,177	44,702	89.9	86.5	85.3	84.2 to 89.9
Low cost lipid modifying drugs	76,521	112,820	67.8	71.9	72.5	67.8 to 76.3
Low cost PPIs % items	75,932	81,151	93.6	93.8	94.8	92.1 to 95.9
NSAIDs: Ibuprofen & Naproxen % Items	13,611	33,372	40.8	40.8	46.9	32.9 to 44.1
Antibacterial Items/STAR PU	71,918	60,874	1.2	1.1	1.2	1.0 to 1.2
Cephalosporins & Quinolones % items	3,997	71,609	5.6	5.7	8.1	4.1 to 10.1
Hypnotics ADQ/STAR PU	373,872	93,874	4.0	4.0	4.9	3.1 to 4.5
Long/Intermediate Insulin Analogues	4,556	5,433	83.9	76.8	85.3	59.9 to 90.5
NSAIDs: ADQ/STAR PU	1,110,291	250,476	4.4	4.5	4.5	3.4 to 4.8

For the 8 indicators on the left a higher rate is better. For the 5 indicators on the right a lower rate is better.



The Federation has the highest value in the county for:  
Hypoglycaemic agents

The Federation has the lowest value in the county for:  
Low cost lipid modifying drugs

## South Somerset Healthcare

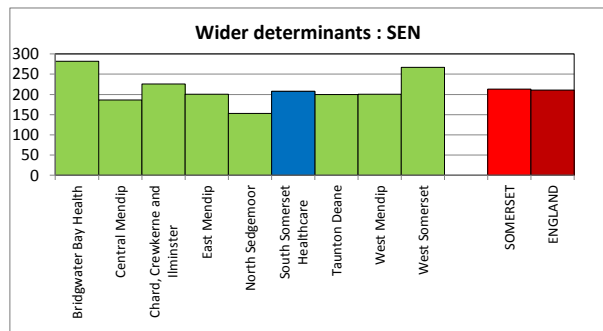
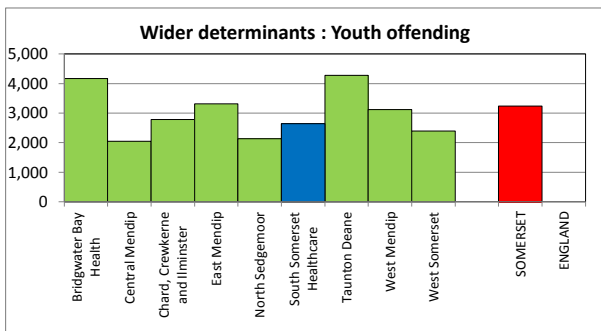
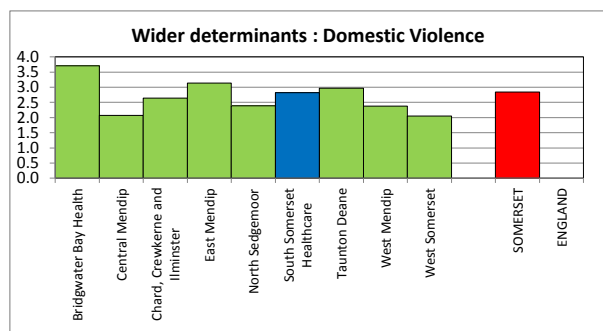
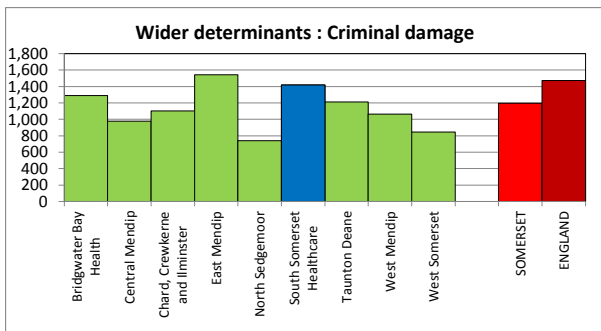
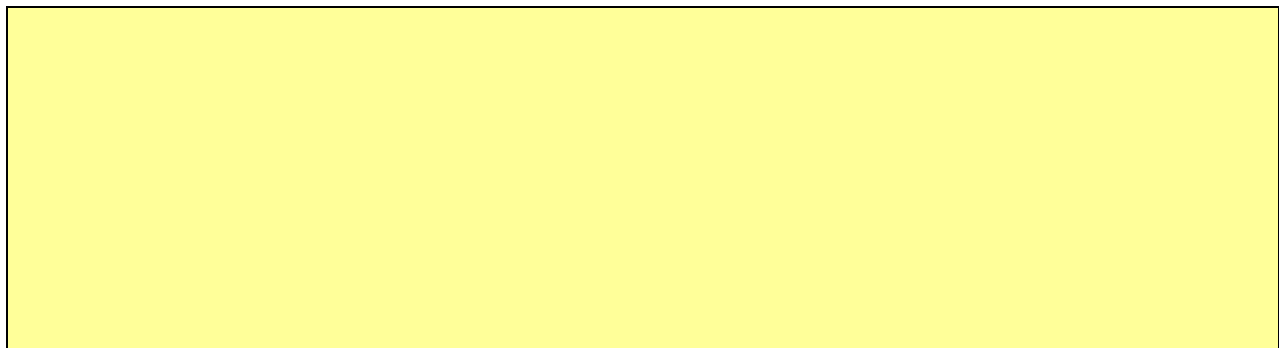
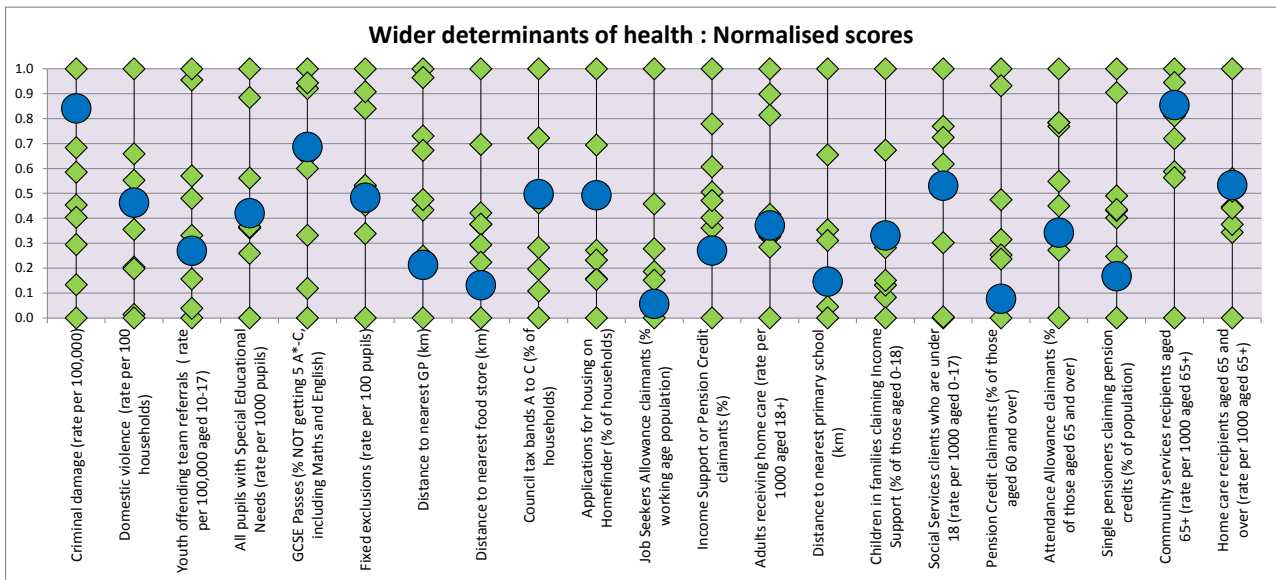
### Wider determinants of health

Population weighted estimates of indicators available at Lower Super Output Area level and used in the Priority Area identification of the Joint Strategic Needs Assessment

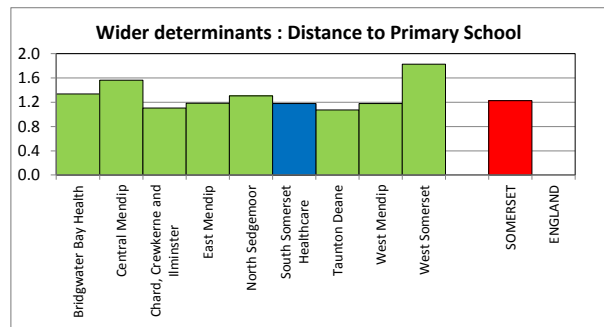
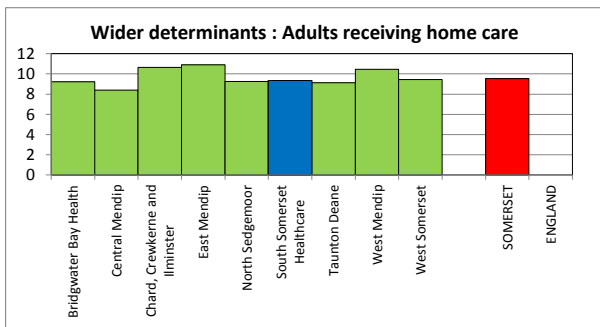
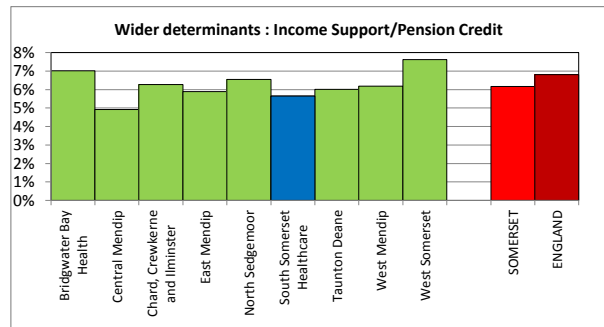
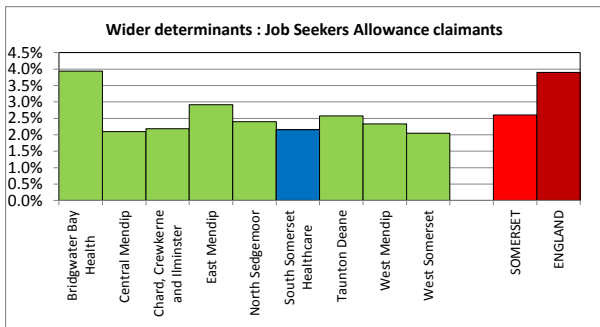
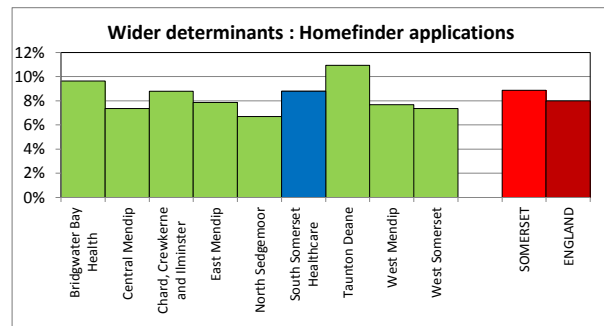
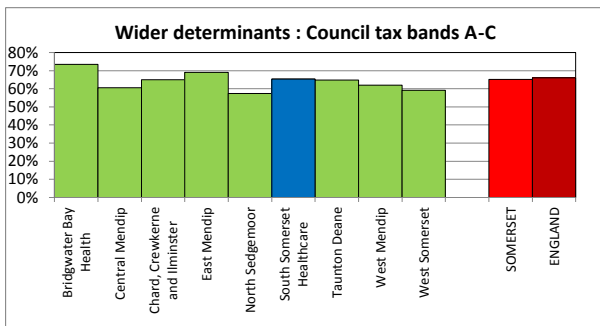
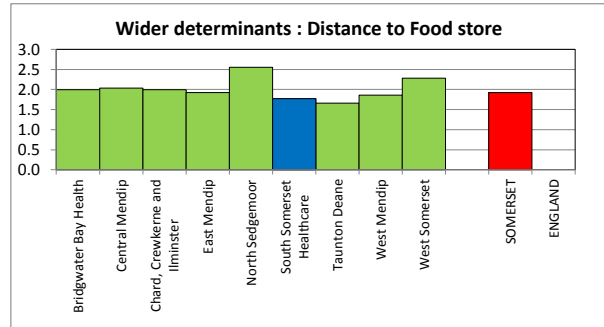
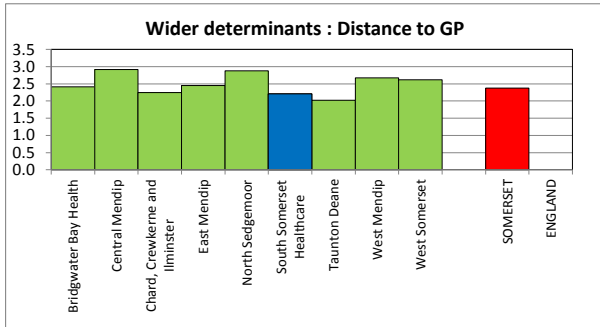
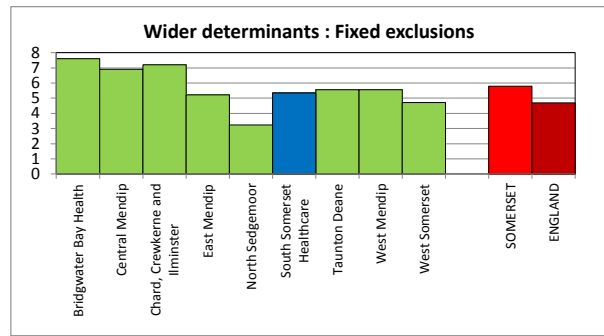
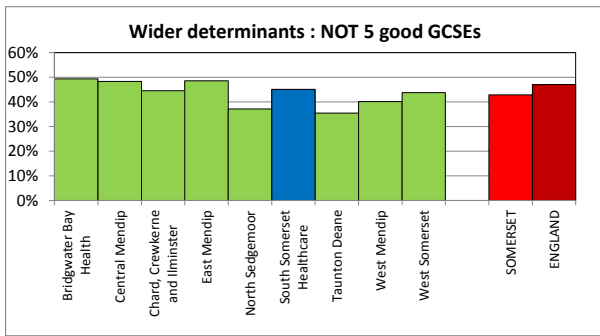
These are not exact measures, they are based on the assumption that every person in an LSOA has the same pattern of experience as every other. These estimates are "the average" values for the patients registered in the Federation.

England figures are not available for all indicators and some may not be for exactly the same time period and may differ slightly in definition. This is indicated in the table below

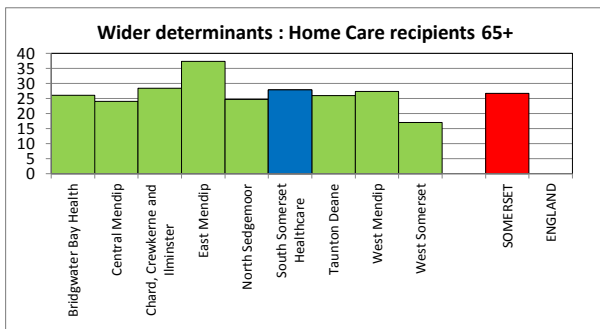
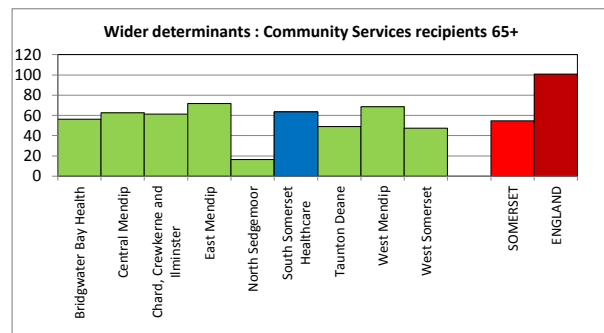
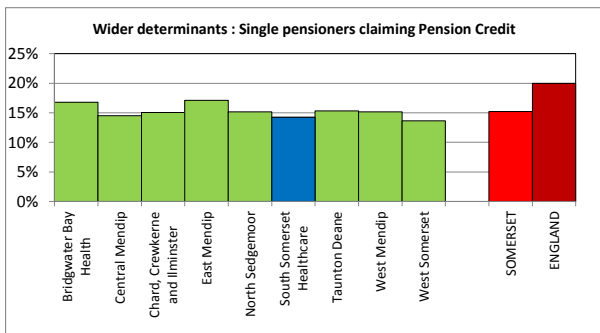
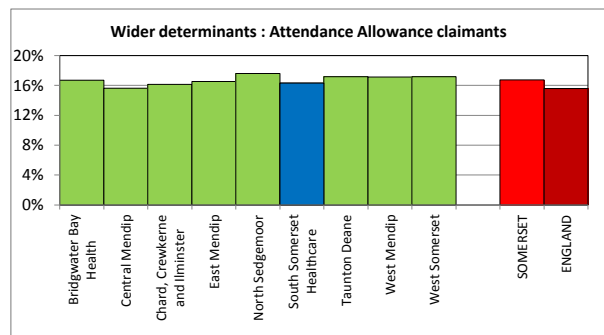
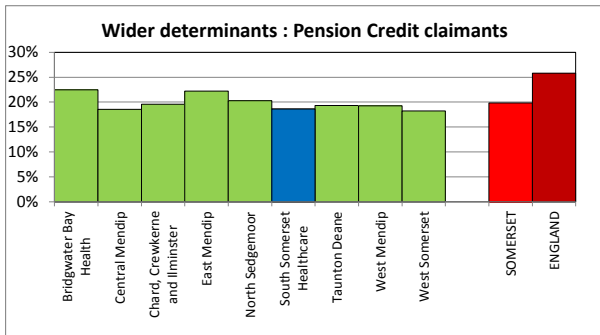
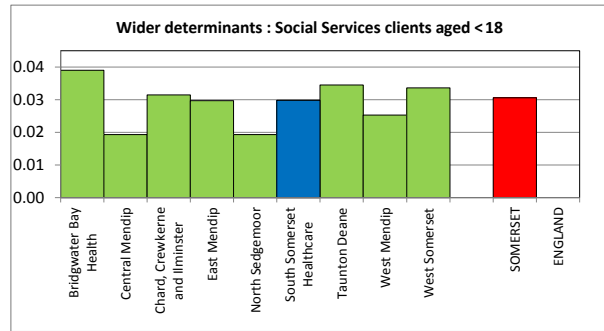
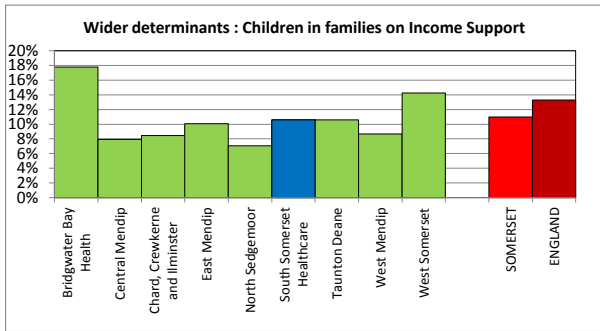
	Federation	Somerset	England	Range of Federation values
Criminal damage (rate per 100,000) (2009/10)	1,416	1,195	1,472 (England & Wales)	740 to 1,544
Domestic violence (rate per 100 households) (2009/10)	2.8	2.8	n/a	2.1 to 3.7
Youth offending team referrals (rate per 100,000 aged 10-17) (2010)	2,646	3,233	n/a	2,046 to 4,272
All pupils with Special Educational Needs (rate per 1000 pupils) (At January 2010)	207	213	211	153 to 282
GCSE Passes (% NOT getting 5 A*-C, including Maths and English) (School year 2009/10)	45%	43%	47% (includes private schools)	36% to 49%
Fixed exclusions (rate per 100 pupils) (School year 2009/10)	5.3	5.8	4.7	3.2 to 7.6
Distance to nearest GP (km) (January 2010)	2.2	2.4	n/a	2.0 to 2.9
Distance to nearest food store (km) (January 2010)	1.8	1.9	n/a	1.7 to 2.5
Council tax bands A to C (% of households) (March 2011)	65%	65%	66%	57% to 73%
Applications for housing on Homefinder (% of households) (Oct 2010/Jan 2011 varying by district)	9%	9%	8% (different time period and definition may be different)	7% to 11%
Job Seekers Allowance claimants (% working age population) (November 2011)	2.2%	2.6%	3.9%	2.0% to 3.9%
Income Support or Pension Credit claimants (%) (Nov 2011)	5.6%	6.2%	6.8%	4.9% to 7.6%
Adults receiving home care (rate per 1000 aged 18+) (March 2010)	9.3	9.6	n/a	8.4 to 10.9
Distance to nearest primary school (km) (January 2010)	1.2	1.2	n/a	1.1 to 1.8
Children in families claiming Income Support (% of those aged 0-18) (May 2010)	10.6%	11.0%	13.3%	7.1% to 17.8%
Social Services clients who are under 18 (rate per 1000 aged 0-17) (March 2010)	0.03	0.03	n/a	0.02 to 0.04
Pension Credit claimants (% of those aged 65 and over) (Nov 2011)	18.6%	19.8%	25.8%	18.3% to 22.5%
Attendance Allowance claimants (% of those aged 65 and over) (Nov 2011)	16.3%	16.8%	15.6% (Aug 11)	15.6% to 17.6%
Single pensioners claiming pension credits (% of those aged 65 and over) (Nov 2011)	14.2%	15.2%	20.0%	13.7% to 17.1%
Community services recipients aged 65+ (rate per 1000 aged 65+) (March 2011)	64	55	101 (2010/11)	17 to 72
Home care recipients aged 65 and over (rate per 1000 aged 65+) (March 2010)	28	27	n/a	17 to 37



# South Somerset Healthcare



## South Somerset Healthcare



**Summary Sheet**

You can use this page to record any health needs, priority areas and potential service interventions that you have identified using this pack.

**Key areas identified**

1
2
3
4

**Further information identified that you require to clarify or develop a plan**

1
2
3
4

**What interventions have you identified as a result of the analysis and how can these be implemented?**

1
2
3
4

**Filled in by:**

**Date:**

### ***Suggested issues for consideration by the Federation***

These suggested issues for further consideration by the federations have been based on:

- Burden of disease
- Differences with Somerset as a whole/other federations
- Interventions possible at primary care level.

This area has a low level of deprivation and similar prevalence and lifestyle data to the Somerset average in many issues.

Prevalence of chronic kidney disease and stroke are both low.

Emergency admissions from falls and elective admissions for all ages and those aged 75+ are high.

Outpatient attendances from gynaecology and obstetrics are high.

Prescribing of low cost lipid modifying drugs is low.

### **Potential issues for further consideration:**

- Hospital admissions (Falls: Emergency)
- Hospital admissions (All ages: Elective)