

Bridgwater Bay Health

Federation profile

Part of the SOMERSET JOINT STRATEGIC NEEDS ASSESSMENT

Practices in Federation

Cannington Health Centre
Cranleigh Gardens Medical Centre
East Quay Medical Centre
North Petherton Surgery
Quantock Medical Centre
Quarry Ground Surgery
Redgate Medical Centre
Somerset Bridge Medical Centre
Taunton Road Medical Centre
Victoria Park Medical Centre
West Somerset Healthcare (Williton Surgery)

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:

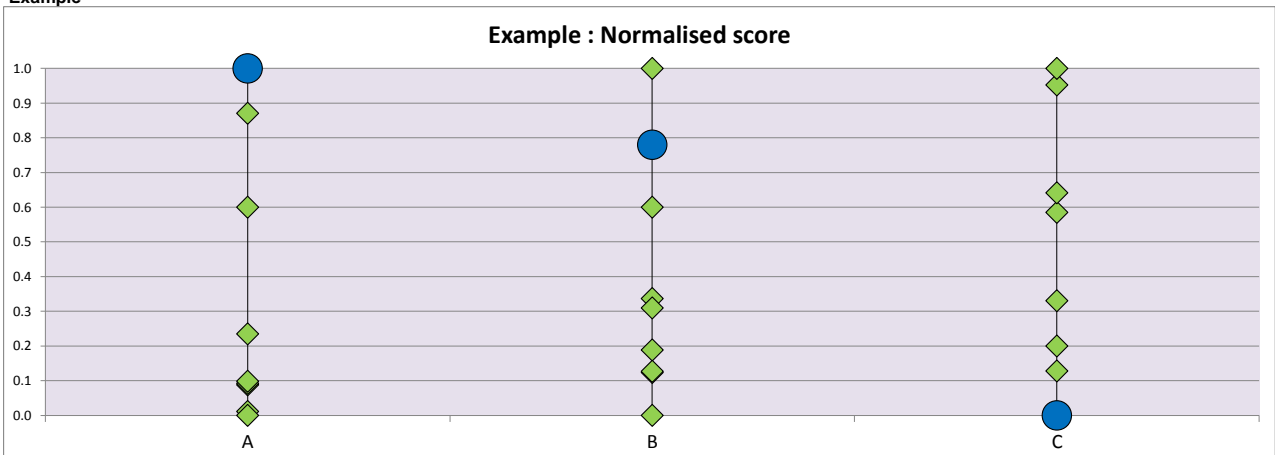
A value can be extreme (eg the "highest" or "lowest") without necessarily being statistically significantly different to the Somerset average.

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

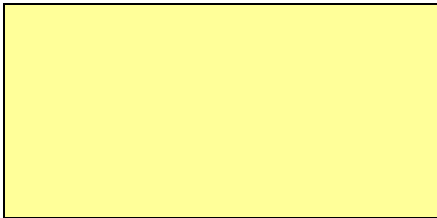


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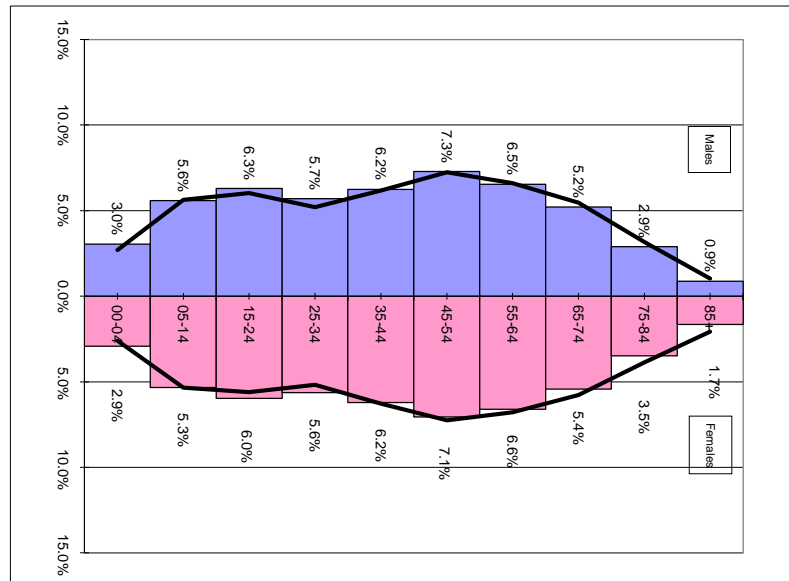
Population at April 2012 **81,344**

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Age Group	Males	Females
00-04	2,480	2,374
05-14	4,543	4,342
15-24	5,120	4,851
25-34	4,639	4,586
35-44	5,083	5,061
45-54	5,921	5,747
55-64	5,317	5,371
65-74	4,233	4,418
75-84	2,359	2,842
85+	707	1,350

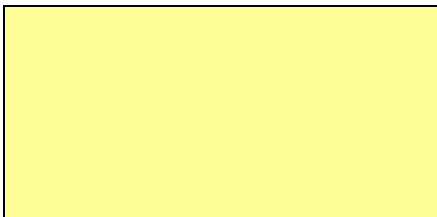


Age/sex Population pyramid. Solid line represents Somerset as a whole.
Data from Exeter system download of GP registered patients.

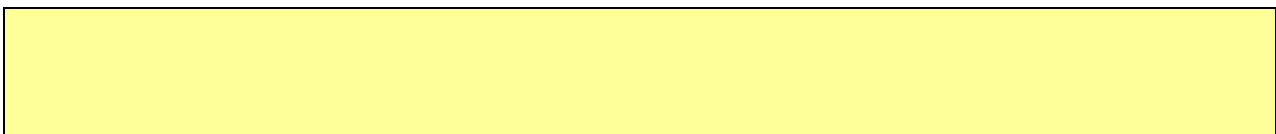


Somerset

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+	9%	10%	8%	8% to 15%
Female 15-44	18%	17%	20%	15% to 18%



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ASTRO-PUs at April 2012 **524,993**

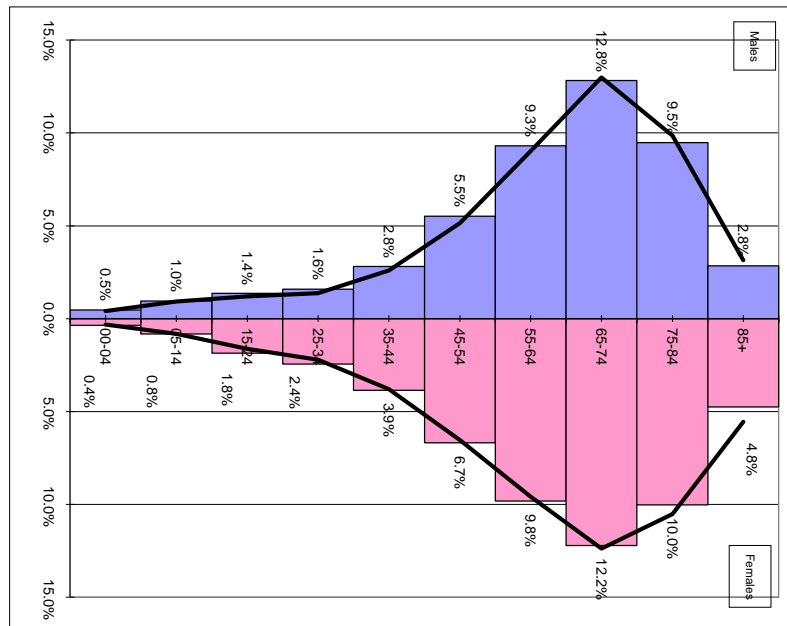
Age/Sex ASTRO-PU pyramid
 Solid line represents Somerset as a whole.
 Data from Exeter system download of GP registered patients.

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.

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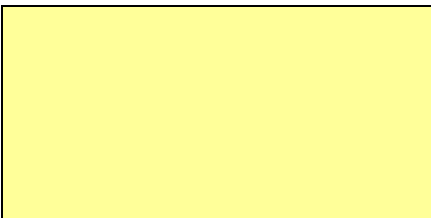
Age Group	Males	Females
00-04	2,480	1,899
05-14	4,997	4,342
15-24	7,168	9,702
25-34	8,350	12,841
35-44	14,741	20,244
45-54	29,013	35,057
55-64	48,916	51,562
65-74	67,305	64,061
75-84	49,775	52,577
85+	14,918	24,975
Temporary residents	71	

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?

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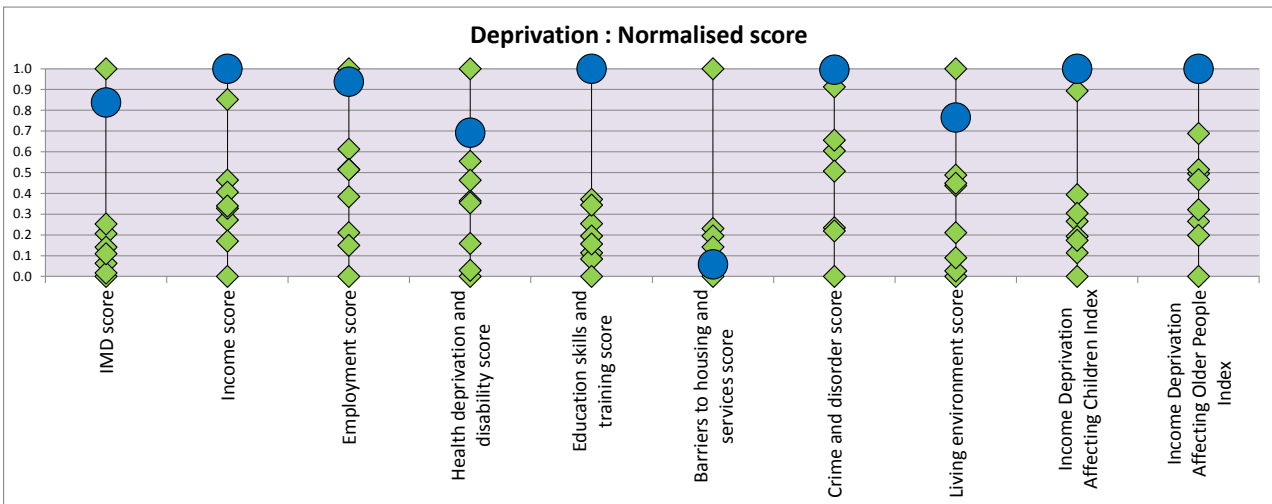
Deprivation

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.

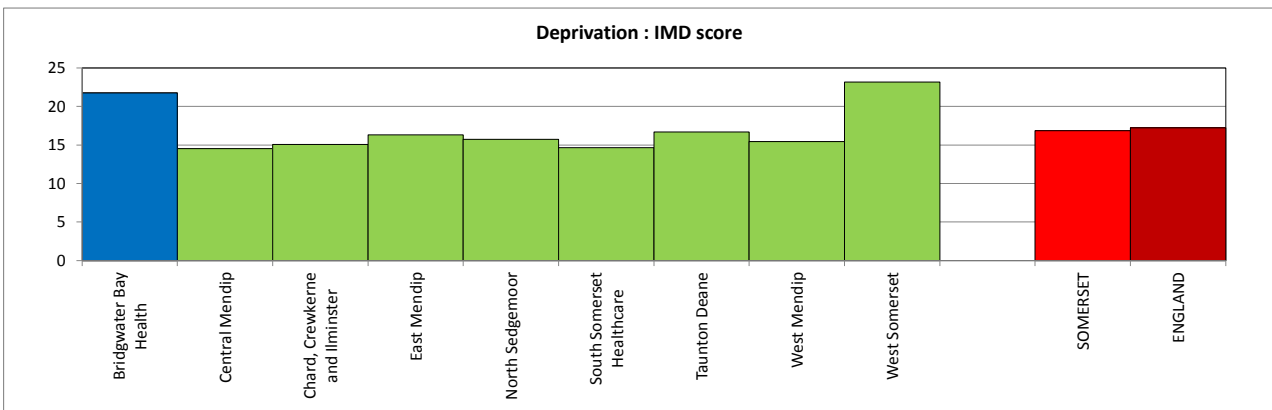
Score	Federation	Somerset	England (median LSOA* values)	Range of Federation values
IMD score	21.8	16.8	17.2	14.5 to 23.2
Income score	0.14	0.11	0.11	0.09 to 0.14
Employment score	0.10	0.08	0.08	0.07 to 0.10
Health deprivation and disability score	-0.03	-0.22	-0.02	-0.48 to 0.17
Education skills and training score	29.6	19.3	16.1	15.0 to 29.6
Barriers to housing and services score	23.6	24.6	20.2	22.6 to 40.7
Crime and disorder score	-0.23	-0.39	0.01	-0.69 to -0.23
Living environment score	22.9	18.8	16.9	15.0 to 25.3
Income Deprivation Affecting Children Index	0.20	0.15	0.15	0.11 to 0.20
Income Deprivation Affecting Older People Index	0.16	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 highest value in the county for:

Income score Education skills and training score Income Deprivation Affecting Children Index Income Deprivation Affecting Older People Index



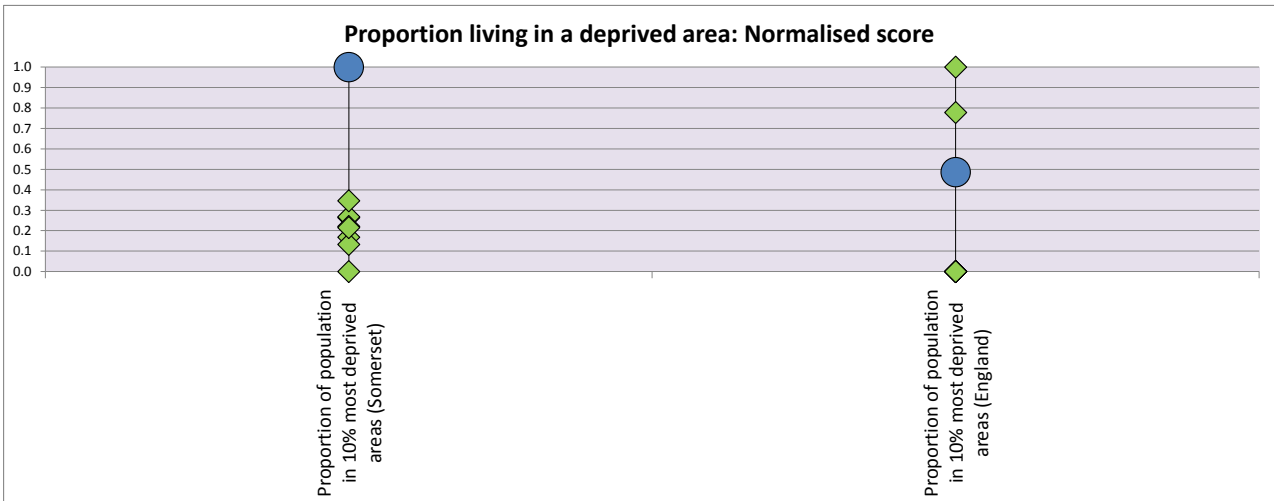
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People living in deprived areas

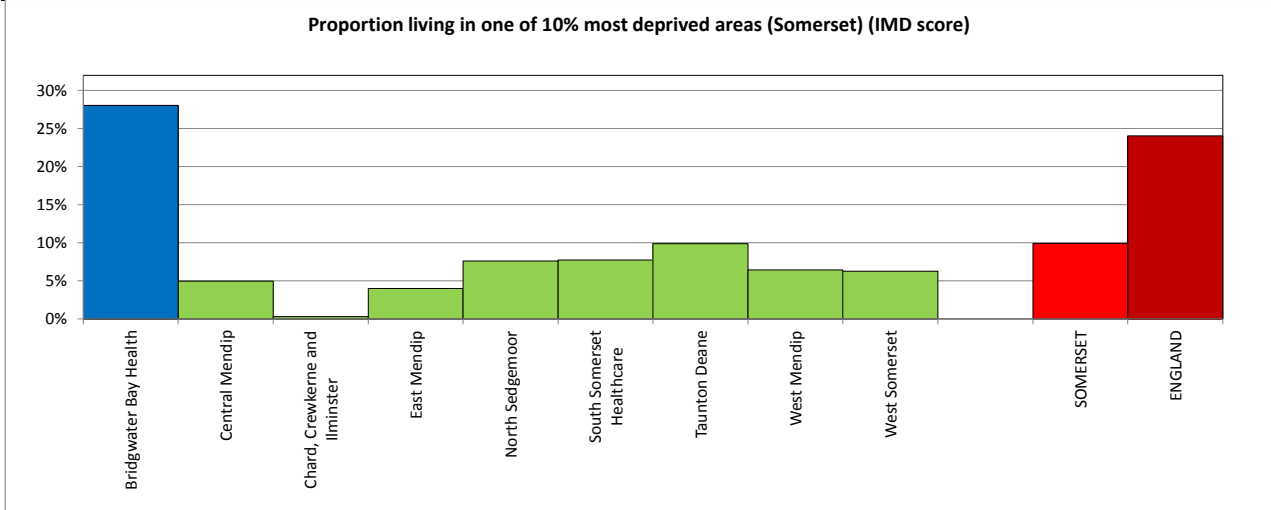
Proportion of Somerset patients registered with the practices in the Federation who live in one of the 10% most deprived areas of Somerset. Deprivation measured using the Index of Multiple Deprivation 2010. Calculated for Federation populations in April 2012.

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)	28%	10%	24%	0% to 28%
Proportion of population in 10% most deprived areas (England)	2%	1%	10%	0% to 4%



The Federation has the highest value in the county for:
Proportion of population in 10% most deprived areas (Somerset)



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?

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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).

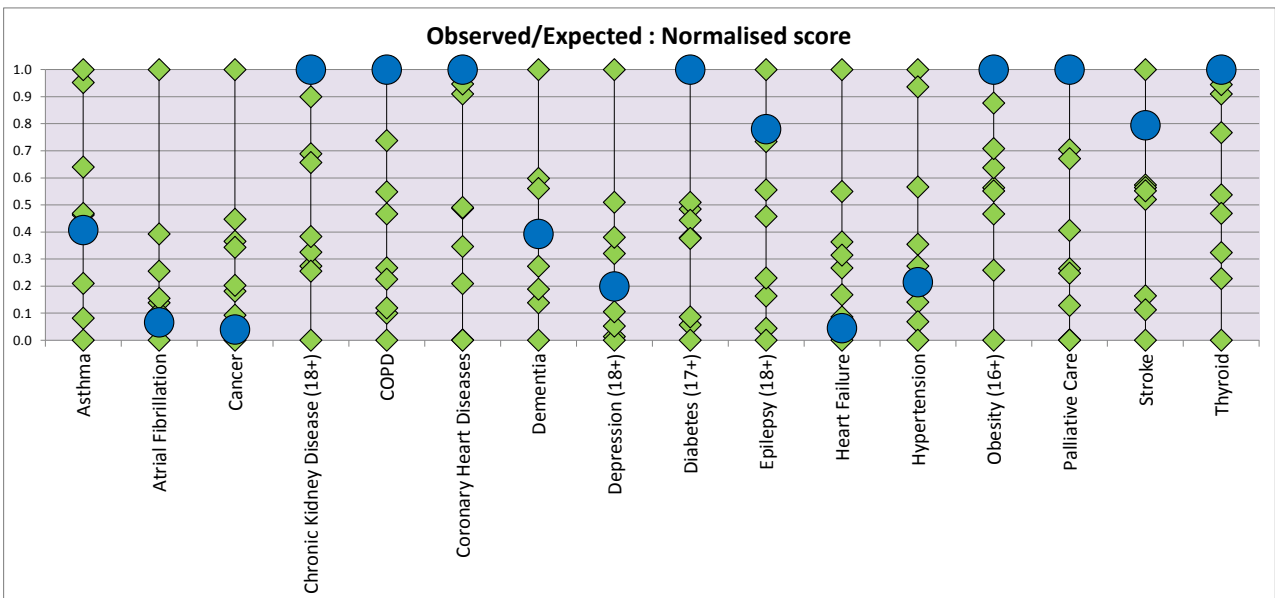
Observed values are from Quality Outcome Framework data and expected values based on NHS Information Centre models

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.

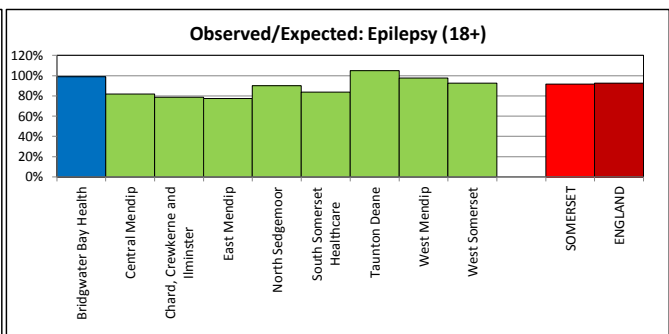
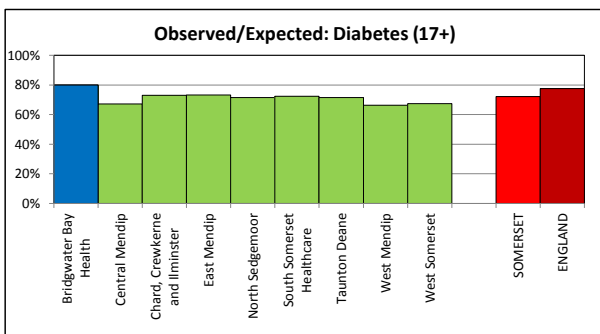
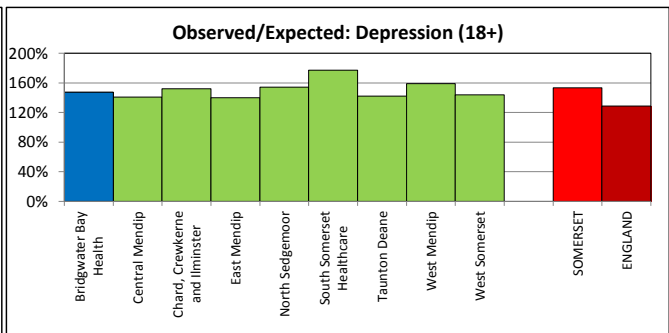
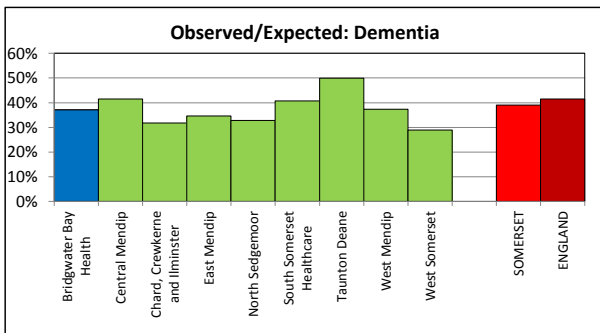
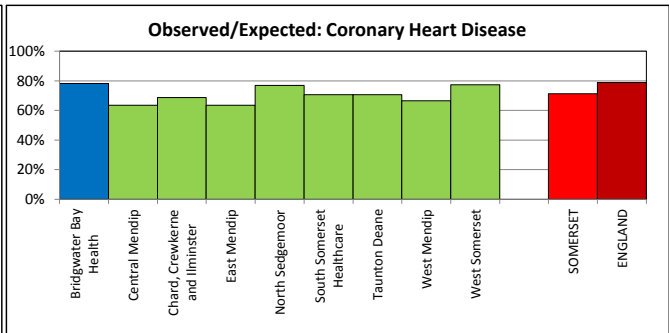
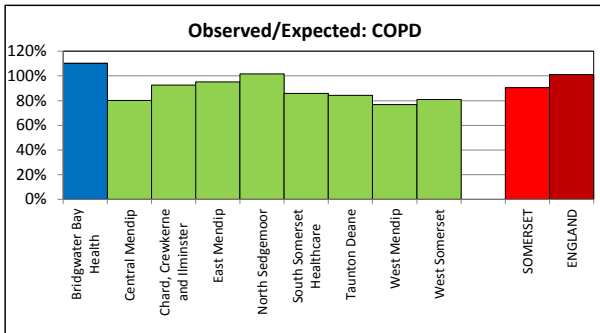
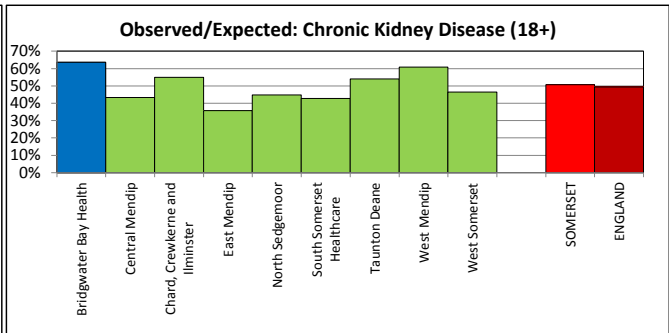
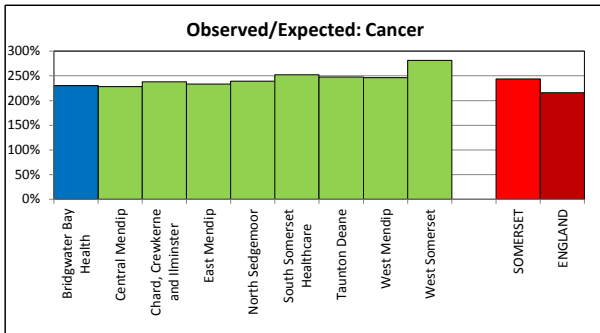
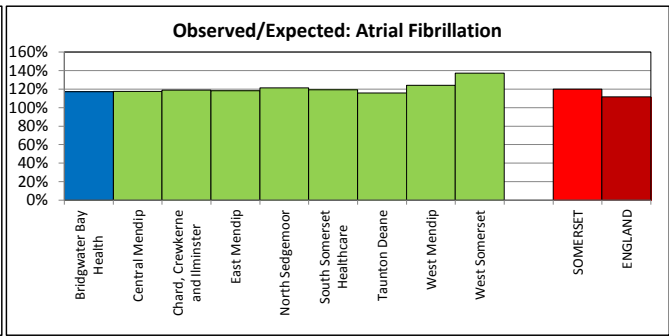
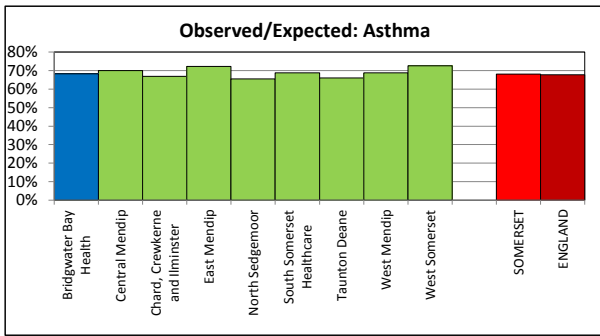
2011

Condition	Observed in Federation	Expected in Federation (based on model)	Federation ratio	Somerset ratio	England ratio	Range of Federation values
Asthma	5,063	7,403	0.7	0.7	0.7	0.7 to 0.7
Atrial Fibrillation	1,423	1,213	1.2	1.2	1.1	1.2 to 1.4
Cancer	1,580	686	2.3	2.4	2.2	2.3 to 2.8
Chronic Kidney Disease (18+)	4,076	6,401	0.6	0.5	0.5	0.4 to 0.6
COPD	1,641	1,487	1.1	0.9	1.0	0.8 to 1.1
Coronary Heart Diseases	3,224	4,121	0.8	0.7	0.8	0.6 to 0.8
Dementia	393	1,059	0.4	0.4	0.4	0.3 to 0.5
Depression (18+)	8,370	5,672	1.5	1.5	1.3	1.4 to 1.8
Diabetes (17+)	3,856	4,818	0.8	0.7	0.8	0.7 to 0.8
Epilepsy (18+)	560	567	1.0	0.9	0.9	0.8 to 1.0
Heart Failure	537	1,385	0.4	0.4	0.5	0.4 to 0.5
Hypertension	11,965	21,353	0.6	0.6	0.6	0.5 to 0.6
Obesity (16+)	7,672	15,211	0.5	0.4	0.5	0.4 to 0.5
Palliative Care	207	932	0.2	0.2	0.2	0.1 to 0.2
Stroke	1,796	1,750	1.0	1.0	0.9	0.9 to 1.1
Thyroid	3,070	1,750	1.8	1.6	1.6	1.4 to 1.8

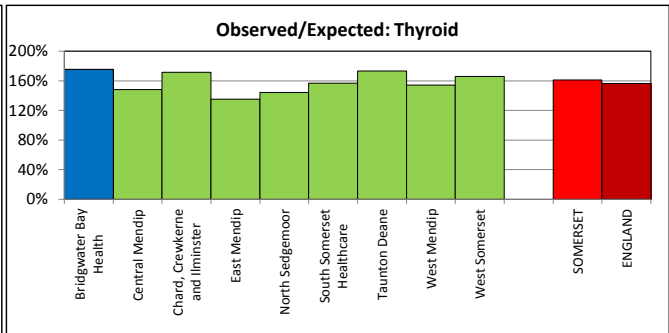
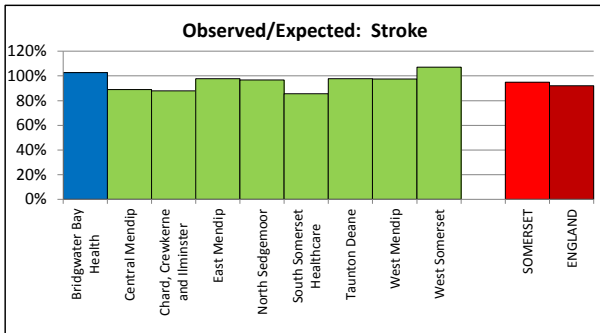
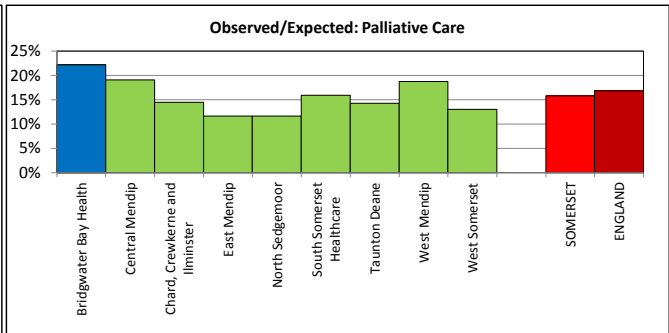
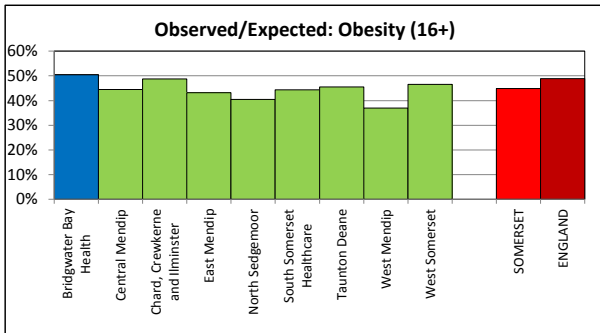
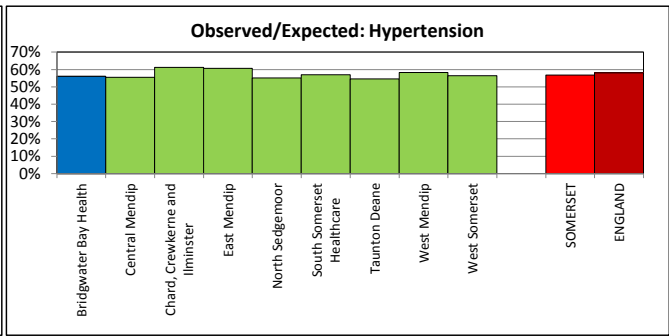
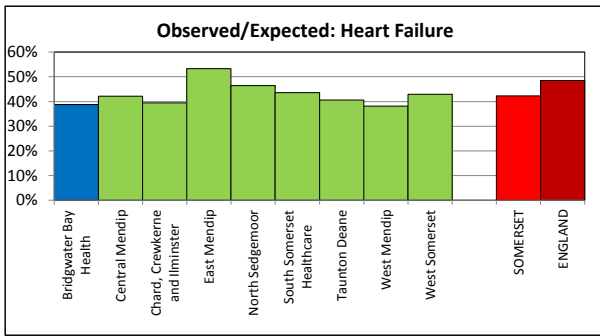


The Federation has the highest value in the county for:

Chronic Kidney Disease (18+) COPD Coronary Heart Diseases Diabetes (17+) Obesity (16+) Palliative Care Thyroid



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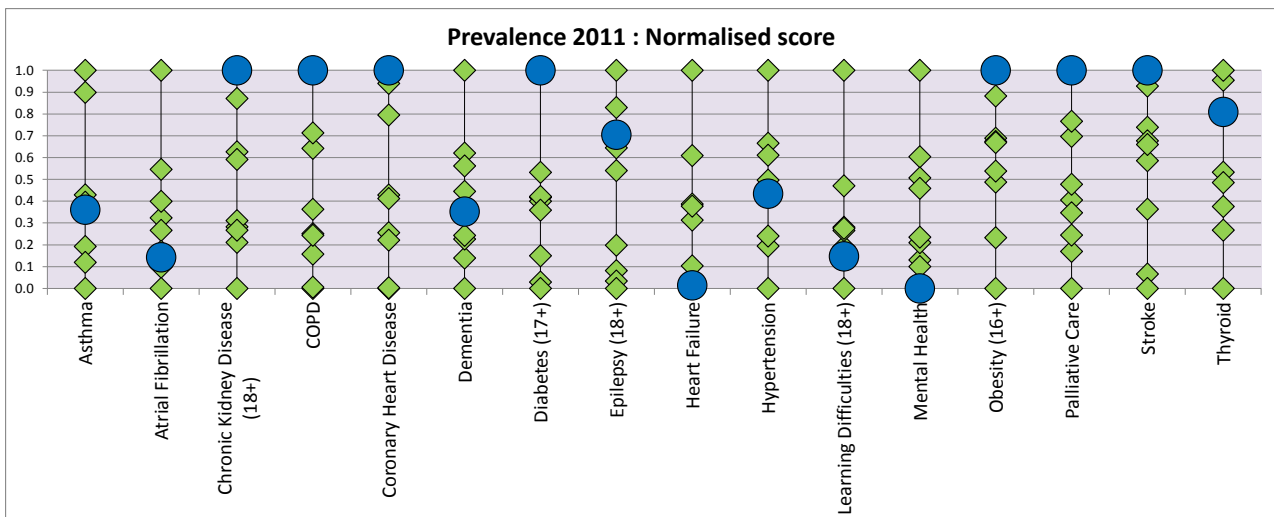
Prevalence rate
(rate per 1000 population)

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	5,112	5,104	63.8	63.7	63.2	61.1 to 68.6
Atrial Fibrillation	1,435	1,461	19.5	19.9	19.1	19.0 to 22.5
Chronic Kidney Disease (18+)	4,081	3,199	69.7	54.6	56.1	39.7 to 69.7
COPD	1,623	1,342	21.4	17.7	21.1	15.3 to 21.4
Coronary Heart Disease	3,231	2,931	43.1	39.1	44.8	35.3 to 43.1
Dementia	381	410	5.5	5.9	6.7	4.4 to 7.4
Diabetes (17+)	3,852	3,460	61.6	55.3	68.2	50.7 to 61.6
Epilepsy (18+)	561	532	8.8	8.3	8.3	7.1 to 9.5
Heart Failure	539	589	7.5	8.2	9.6	7.4 to 10.1
Hypertension	11,926	11,914	157	157	172.7	145 to 173
Learning Difficulties (18+)	276	322	4.2	4.9	4.3	3.3 to 9.2
Mental Health	425	540	5.3	6.8	8.7	5.3 to 9.5
Obesity (16+)	7,379	6,673	113	102	117.2	86 to 113
Palliative Care	212	149	2.9	2.0	2.2	1.3 to 2.9
Stroke	1,800	1,634	24.4	22.2	22.6	19.8 to 24.4
Thyroid	3,028	2,851	39.6	37.3	36.6	29.8 to 41.9



Significantly higher than county average for:

Chronic Kidney Disease (18+) COPD Coronary Heart Disease Diabetes (17+) Obesity (16+) Palliative Care Stroke Thyroid

The Federation has the highest value in the county for:

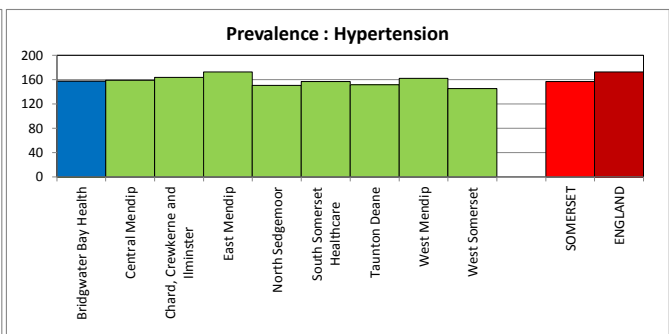
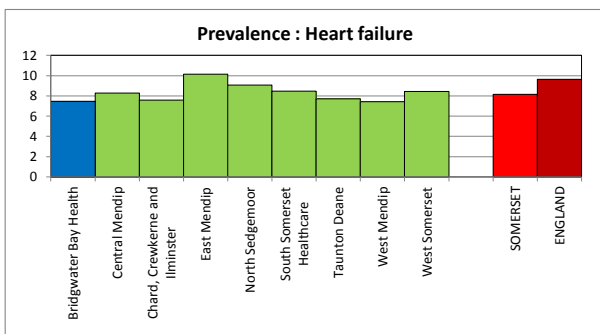
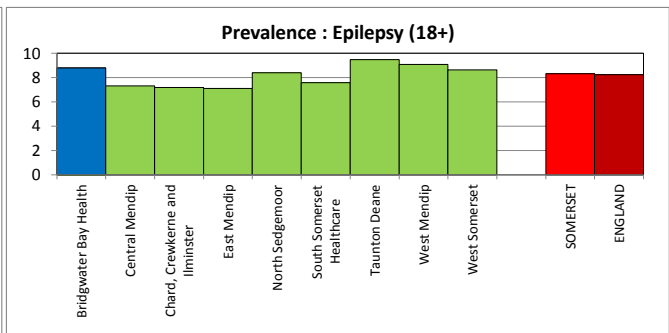
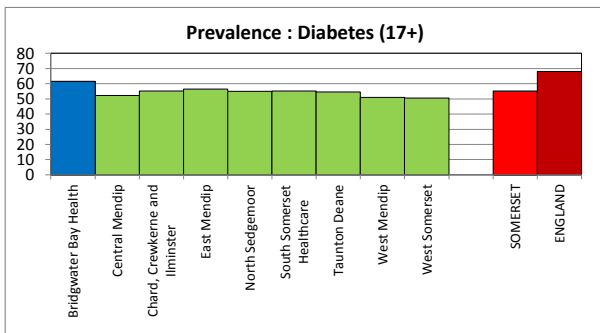
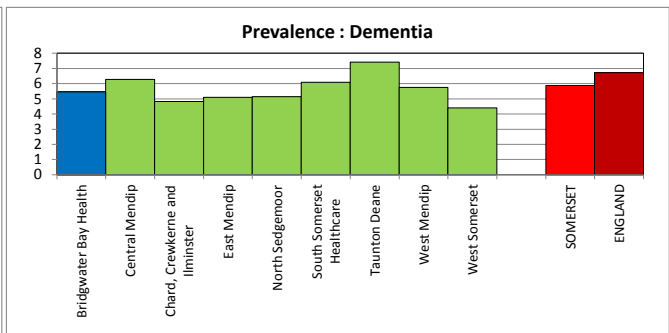
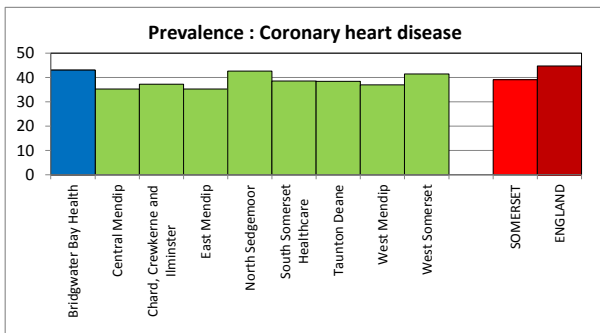
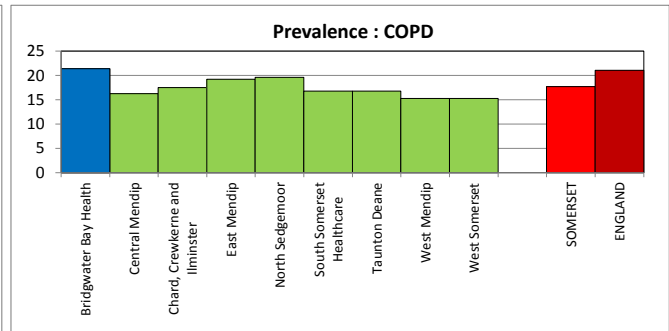
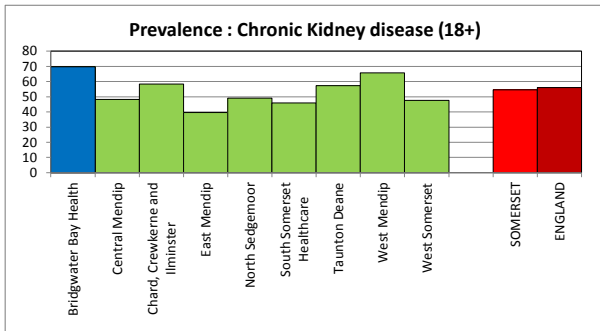
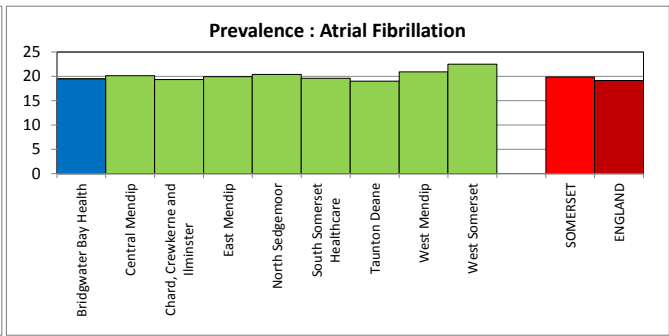
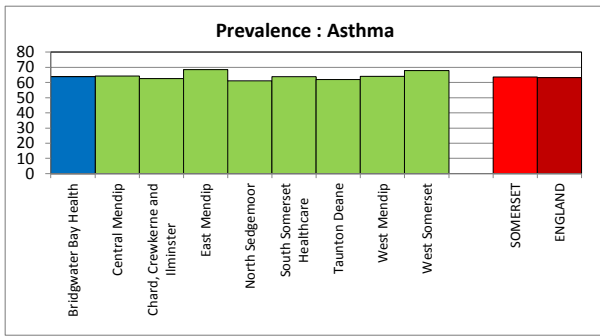
Chronic Kidney Disease (18+) COPD Coronary Heart Disease Diabetes (17+) Obesity (16+) Palliative Care Stroke

Significantly lower than county average for:

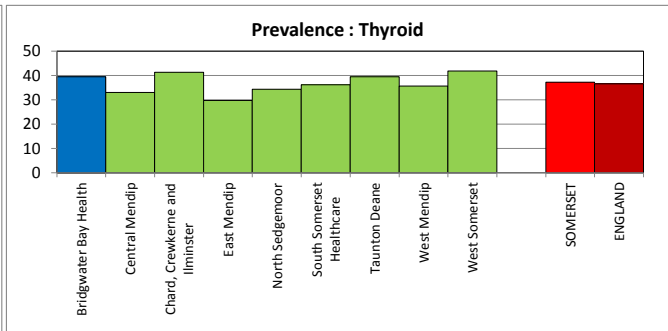
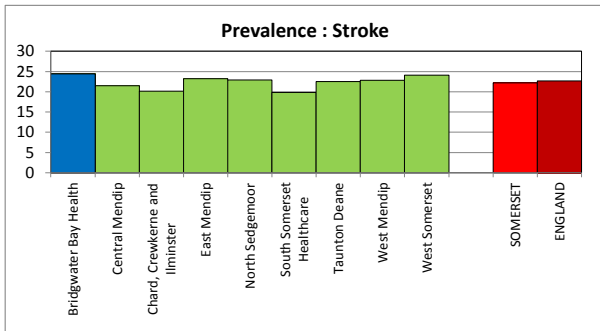
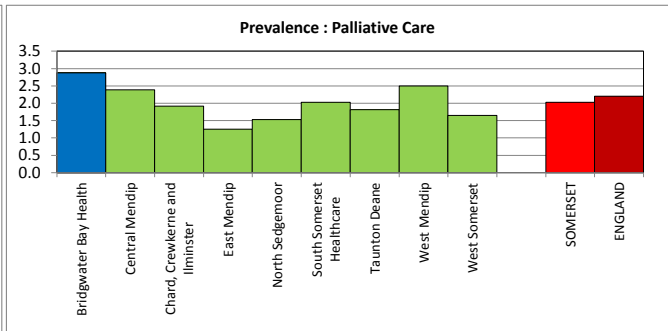
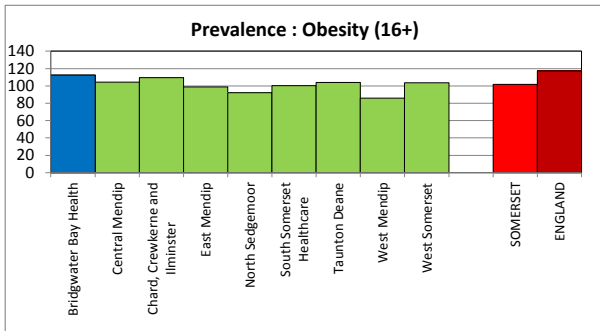
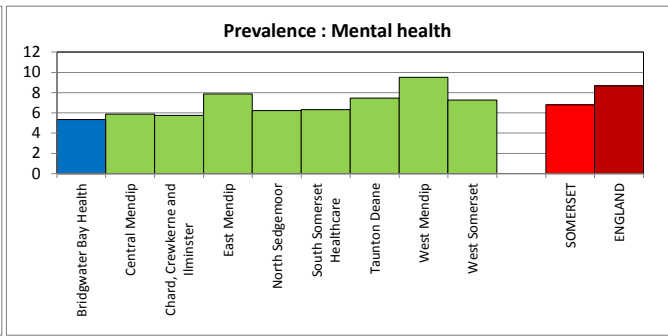
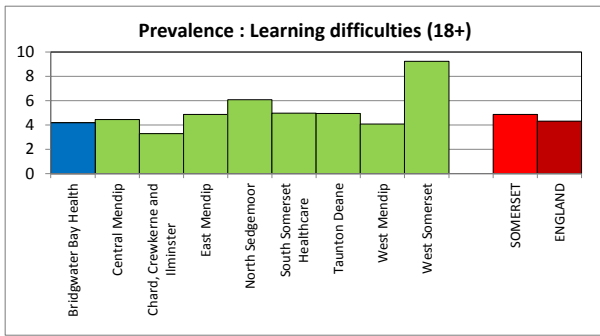
Mental Health

The Federation has the lowest value in the county for:

Mental Health



Bridgwater Bay Health



- 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?

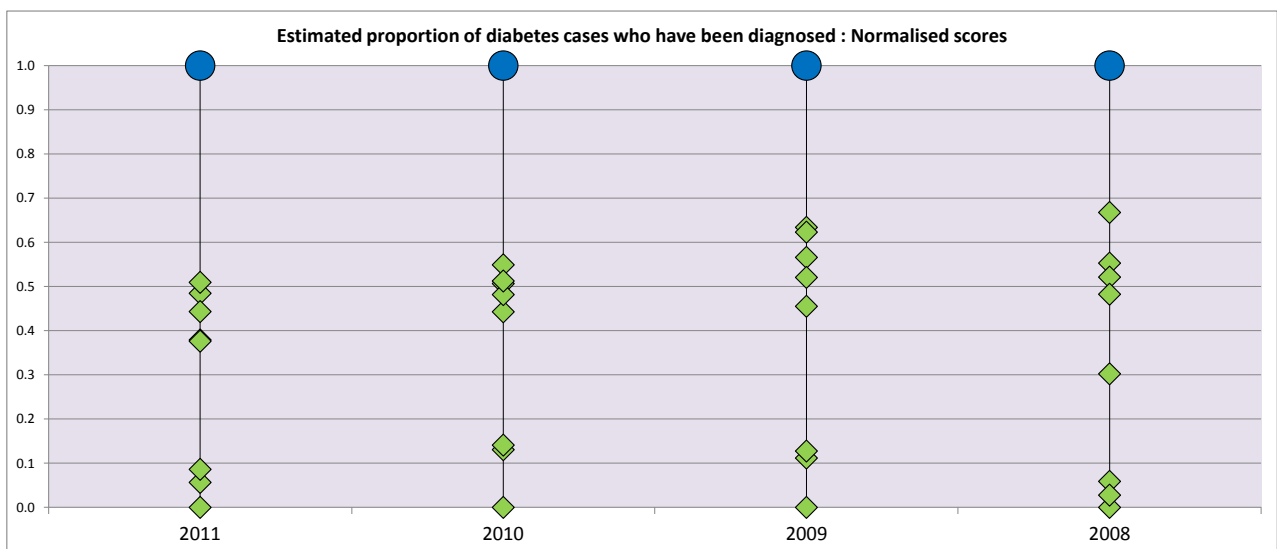
Bridgwater Bay Health

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	3,856	24,405	2,455,937	
	Expected number on register	4,818	33,771	3,166,556	
	Proportion of expected on register	80.0%	72.3%	77.6%	66.3% to 80.0%
2010	Observed number on register	3,632	23,099	2,338,813	
	Expected number on register	4,768	33,440	3,099,853	
	Proportion of expected on register	76.2%	69.1%	75.4%	62.3% to 76.2%
2009	Observed number on register	3,419	21,888	2,213,138	
	Expected number on register	4,567	32,170	3,034,972	
	Proportion of expected on register	74.9%	68.0%	72.9%	60.2% to 74.9%
2008	Observed number on register	3,198	20,575	2,088,335	
	Expected number on register	4,003	28,208	2,483,789	
	Proportion of expected on register	79.9%	72.9%	84.1%	66.5% to 79.9%



The Federation has the highest value in the county for:
2011 2010 2009 2008

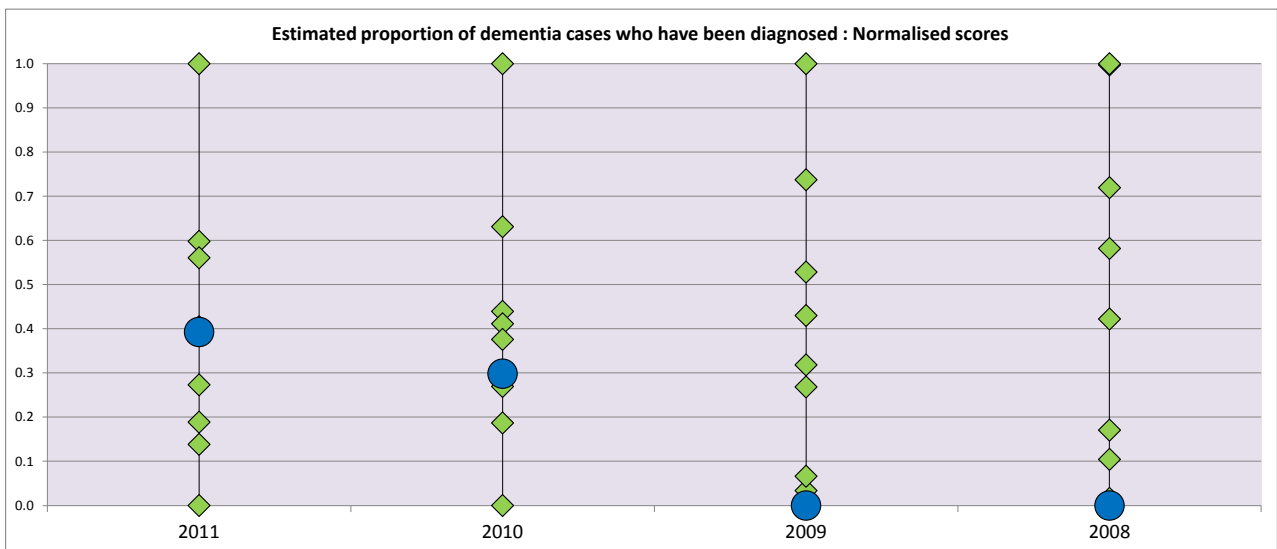
Bridgwater Bay Health

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	393	3,211	266,697	
	Expected number on register	1,059	8,224	642,741	
	Proportion of expected on register	37.1%	39.0%	41.5%	28.8% to 49.9%
2010	Observed number on register	338	2,892	249,463	
	Expected number on register	1,038	8,088	635,696	
	Proportion of expected on register	32.6%	35.8%	39.2%	26.7% to 46.3%
2009	Observed number on register	258	2,566	232,430	
	Expected number on register	1,023	7,678	591,848	
	Proportion of expected on register	25.2%	33.4%	39.3%	25.2% to 44.1%
2008	Observed number on register	235	2,425	220,246	
	Expected number on register	1,013	7,588	587,316	
	Proportion of expected on register	23.2%	32.0%	37.5%	23.2% to 41.4%



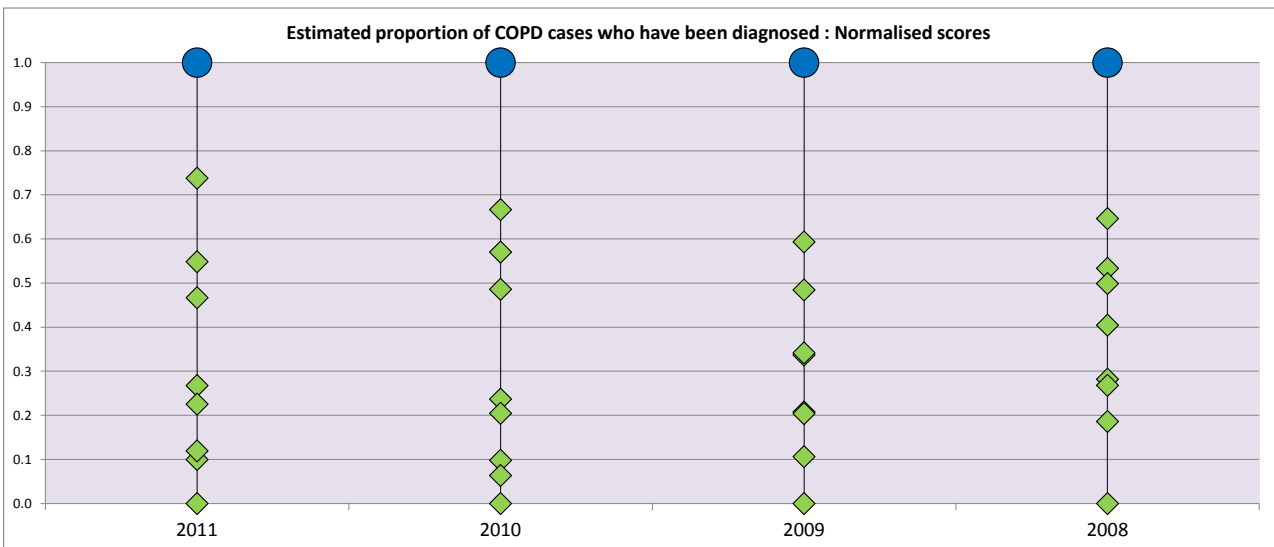
The Federation has the lowest value in the county for:
2009 2008

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	1,641	9,487	898,989	
	Expected number on register	1,487	10,490	888,795	
	Proportion of expected on register	110.4%	90.4%	101.1%	76.8% to 110.4%
2010	Observed number on register	1,573	9,105	861,341	
	Expected number on register	1,459	10,345	916,143	
	Proportion of expected on register	107.8%	88.0%	94.0%	75.2% to 107.8%
2009	Observed number on register	1,535	8,748	834,312	
	Expected number on register	1,869	14,360	1,494,645	
	Proportion of expected on register	82.1%	60.9%	55.8%	48.9% to 82.1%
2008	Observed number on register	1,433	8,296	799,772	
	Expected number on register	1,849	14,238	1,486,927	
	Proportion of expected on register	77.5%	58.3%	53.8%	44.6% to 77.5%



The Federation has the highest value in the county for:
2011 2010 2009 2008

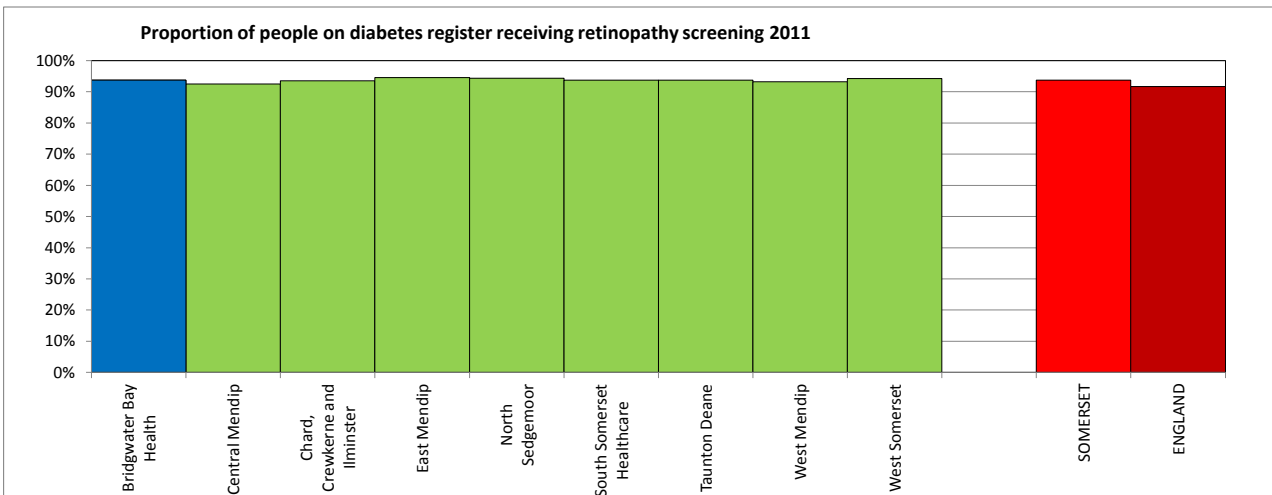
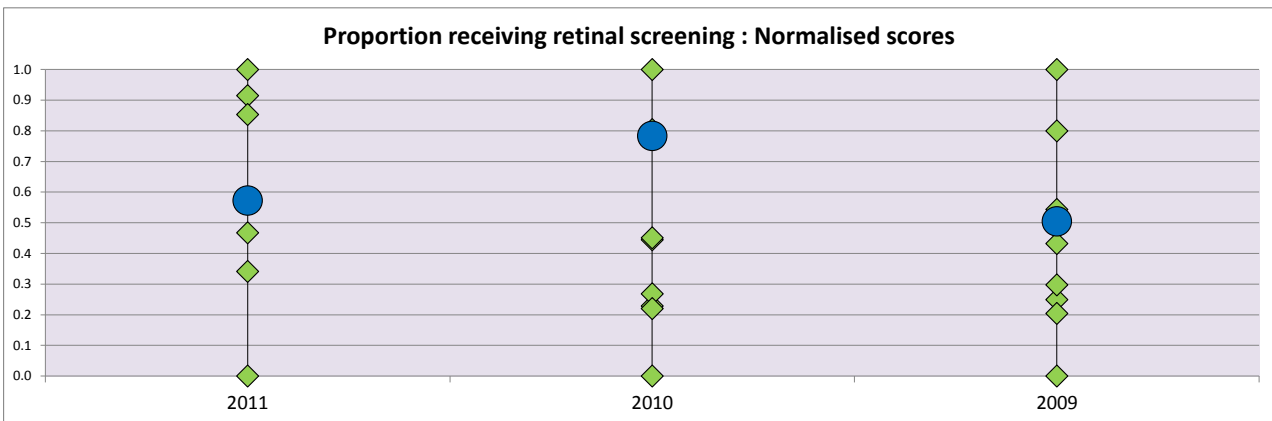
Bridgwater Bay Health

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	3,438	21,377	2,087,997	
	Number of patients on diabetes register	3,669	22,802	2,278,610	
	% screened	93.7%	93.8%	91.6%	92.5% to 94.6%
2010	Number receiving screening	3,199	20,042	1,958,540	
	Number of patients on diabetes register	3,400	21,446	2,154,189	
	% screened	94.1%	93.5%	90.9%	92.5% to 94.5%
2009	Number receiving screening	3,045	18,891	1,864,179	
	Number of patients on diabetes register	3,253	20,278	2,051,096	
	% screened	93.6%	93.2%	92.9%	91.5% to 95.6%



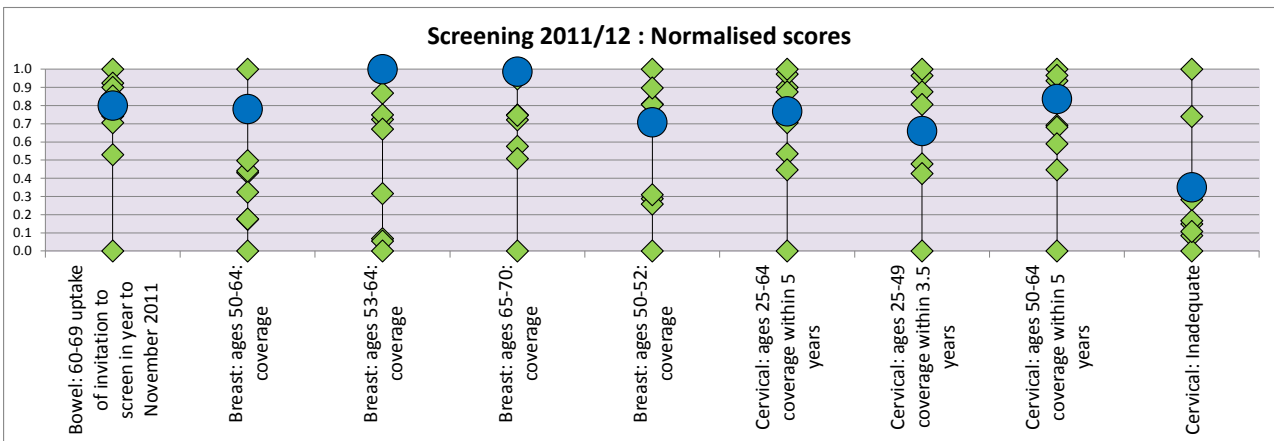
Bridgwater Bay Health

Cancer screening

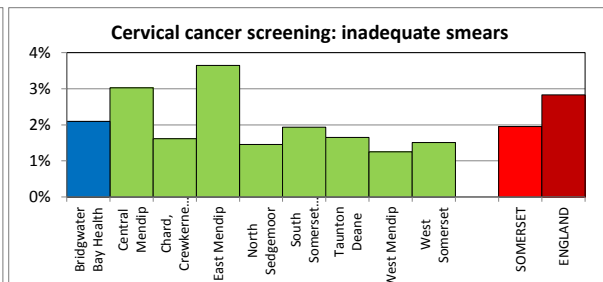
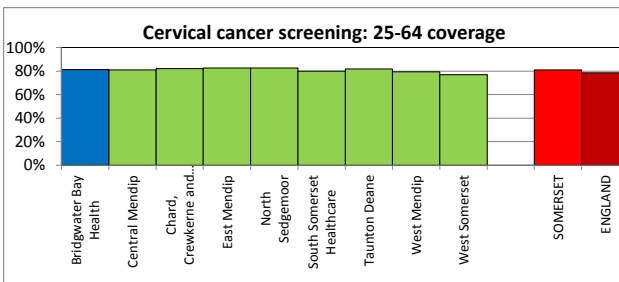
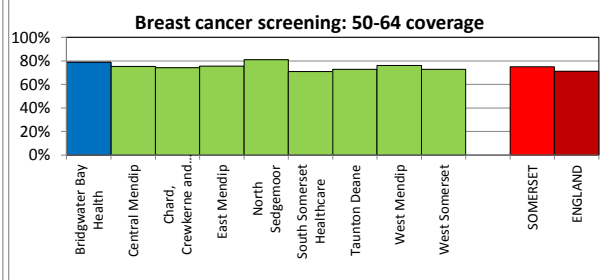
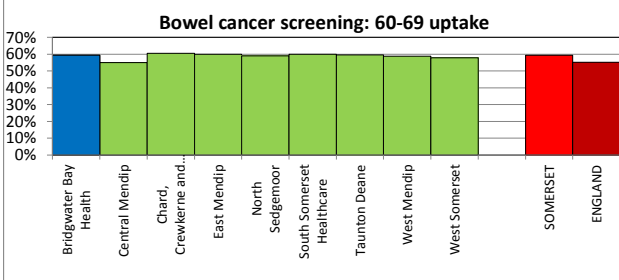
Breast cancer screening from KC63 report and Cervical cancer screening from KC53 report (Breast cancer data estimated using Q4 2011/12). Bowel cancer screening from DH report to PCT.

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	59.3%	59.3%	55.2%	54.9% to 60.4%
Breast: ages 50-64: coverage	78.9%	74.9%	71.1%	71.0% to 81.1%
Breast: ages 53-64: coverage	83.2%	80.8%	77.4%	77.3% to 83.2%
Breast: ages 65-70: coverage	82.3%	80.8%	76.7%	76.5% to 82.4%
Breast: ages 50-52: coverage	62.4%	52.0%	48.7%	29.8% to 75.9%
Cervical: ages 25-64 coverage within 5 years	81.3%	81.0%	78.6%	76.8% to 82.6%
Cervical: ages 25-49 coverage within 3.5 years	76.3%	76.5%	73.7%	71.0% to 79.1%
Cervical: ages 50-64 coverage within 5 years	80.5%	80.0%	78.0%	76.8% to 81.2%
Cervical: Inadequate	2.1%	1.9%	2.8%	1.3% to 3.6%



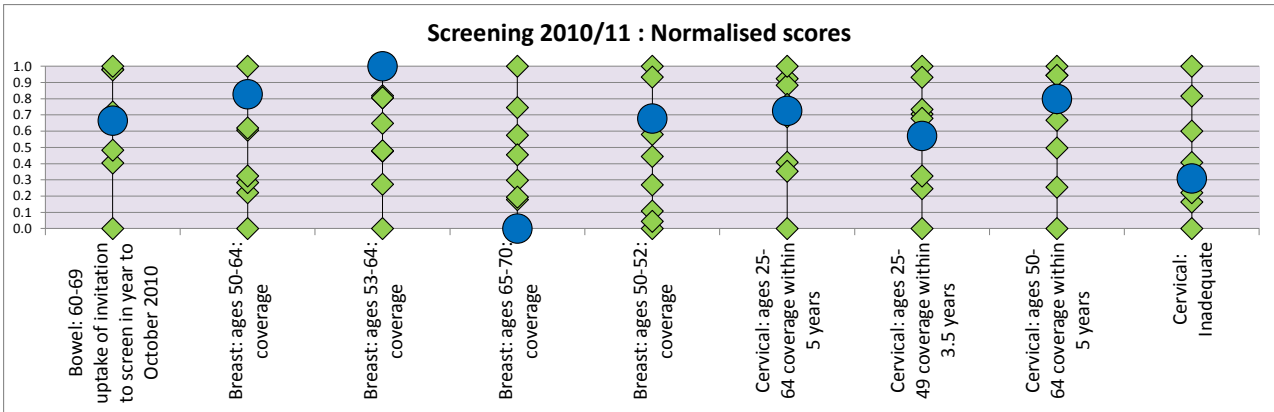
The Federation has the highest value in the county for:
Breast: ages 53-64: coverage



Bridgwater Bay Health

2010/11

Condition	Federation	Somerset	England	Range of Federation values
Bowel: 60-69 uptake of invitation to screen in year to October 2010	63.2%	63.5%	56.3%	60.5% to 64.6%
Breast: ages 50-64: coverage	78.1%	74.1%	71.1%	66.0% to 80.7%
Breast: ages 53-64: coverage	83.7%	81.4%	77.4%	77.1% to 83.7%
Breast: ages 65-70: coverage	78.3%	80.2%	76.7%	78.3% to 82.8%
Breast: ages 50-52: coverage	56.3%	45.3%	48.7%	23.1% to 72.1%
Cervical: ages 25-64 coverage within 5 years	81.5%	81.1%	78.6%	77.1% to 83.2%
Cervical: ages 25-49 coverage within 3.5 years	76.9%	76.9%	73.7%	73.0% to 79.8%
Cervical: ages 50-64 coverage within 5 years	80.8%	80.3%	78.0%	77.0% to 81.8%
Cervical: Inadequate	2.7%	2.9%	2.8%	2.2% to 3.9%



The Federation has the highest value in the county for:

Breast: ages 53-64: coverage

The Federation has the lowest value in the county for:

Breast: ages 65-70: coverage

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

Bridgwater Bay Health

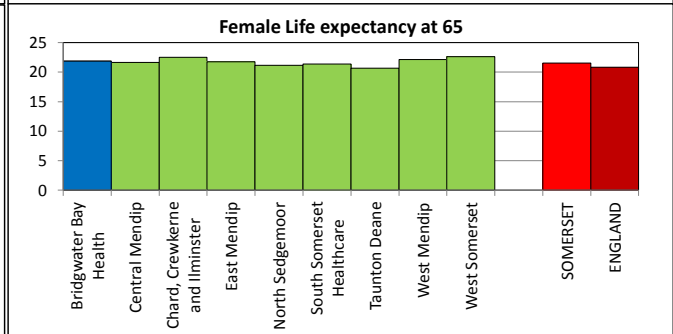
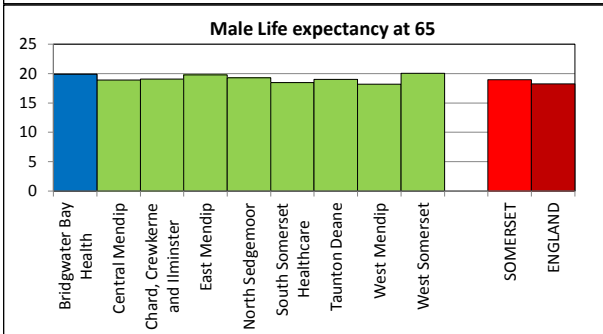
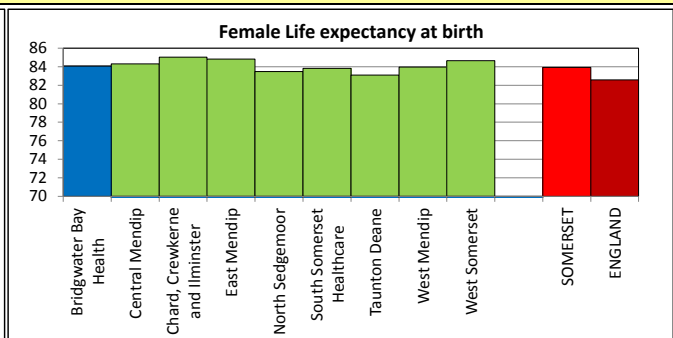
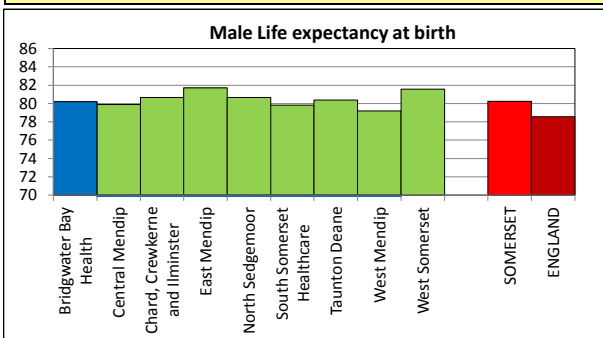
Life expectancy 2007-11

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	80.2	80.2	78.6	79.2 to 81.7
Females at birth	84.1	83.9	82.6	83.1 to 85.0
Males at age 65	19.9	19.0	18.2	18.2 to 20.1
Females at age 65	21.9	21.5	20.8	20.7 to 22.6
Proportion of deaths occurring before age 65	13%	13%	17%	11.4% to 17.0%



Significantly higher than county average for:
Males at age 65



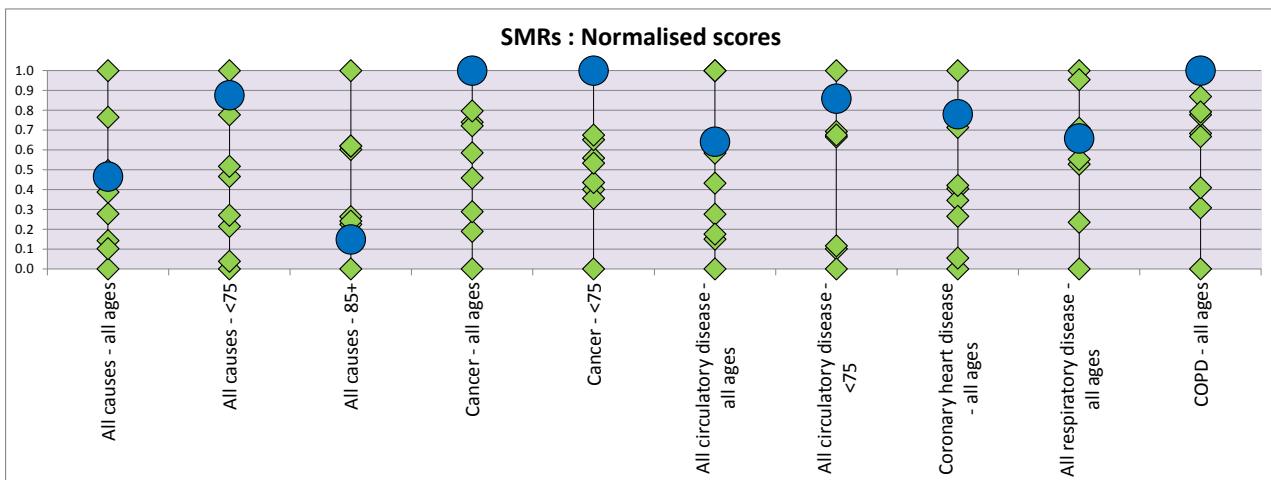
Bridgwater Bay Health

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

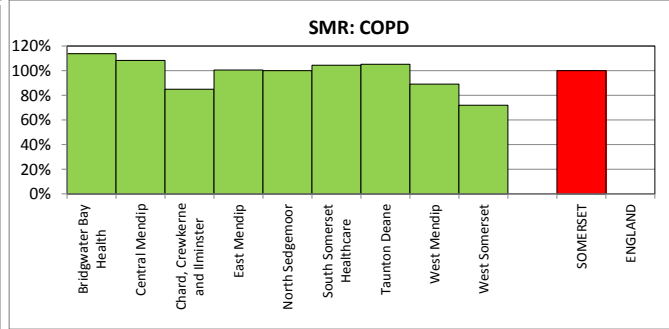
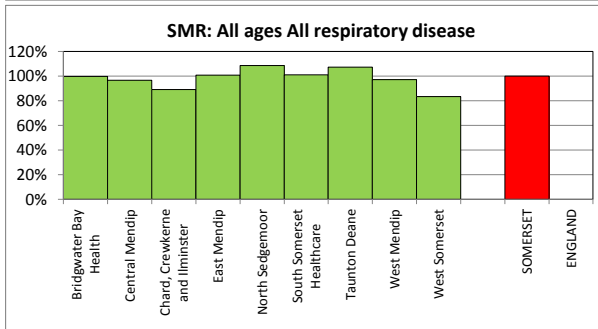
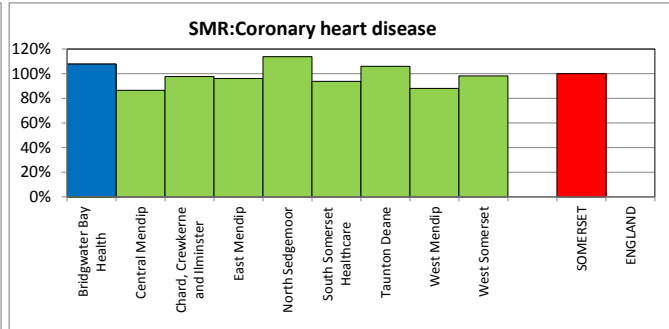
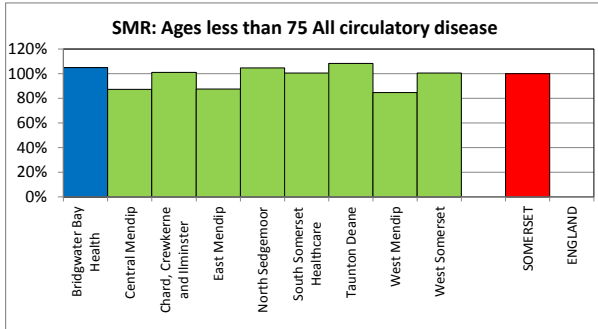
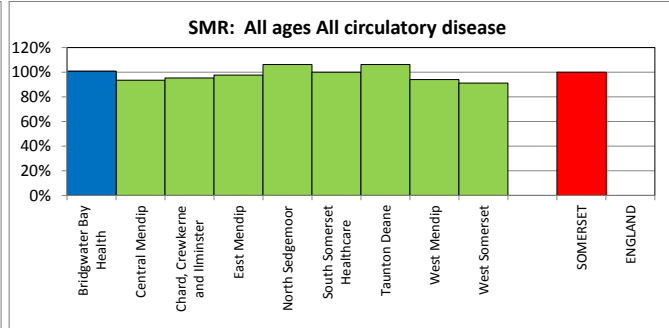
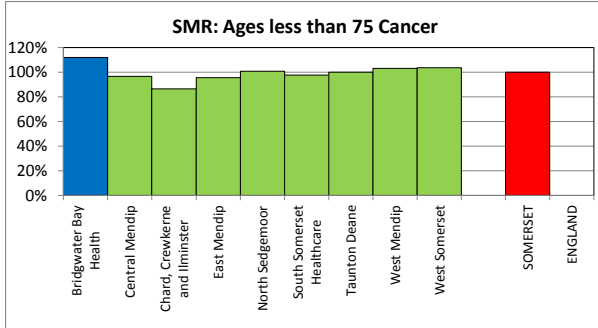
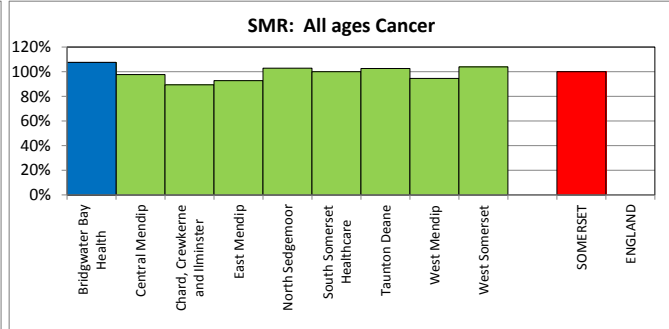
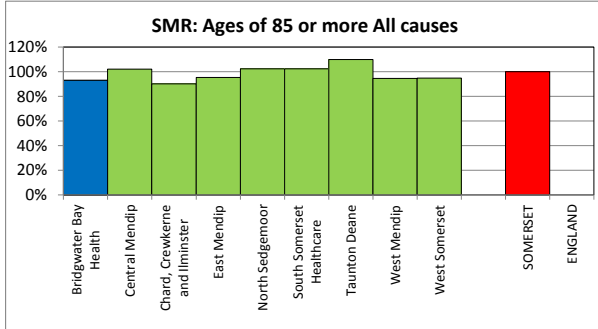
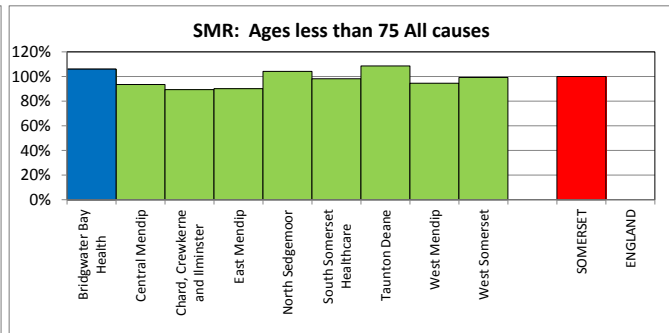
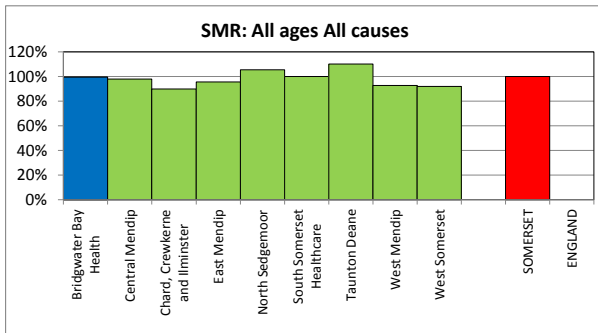
Condition	Observed	Expected (based on Somerset rates)	Federation SMR	Somerset SMR	England	Range of Federation values
All causes - all ages	3,579	3,602	99%	100%		90% to 110%
All causes - <75	1,134	1,069	106%	100%		89% to 108%
All causes - 85+	1,293	1,389	93%	100%		90% to 110%
Cancer - all ages	1,094	1,017	108%	100%		89% to 108%
Cancer - <75	519	464	112%	100%		86% to 112%
All circulatory disease - all ages	1,163	1,153	101%	100%		91% to 106%
All circulatory disease - <75	260	248	105%	100%		85% to 108%
Coronary heart disease - all ages	532	494	108%	100%		87% to 114%
All respiratory disease - all ages	448	449	100%	100%		83% to 108%
COPD - all ages	182	160	114%	100%		72% to 114%



The Federation has the highest value in the county for:

Cancer - all ages Cancer - <75 COPD - all ages

Bridgwater Bay Health



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

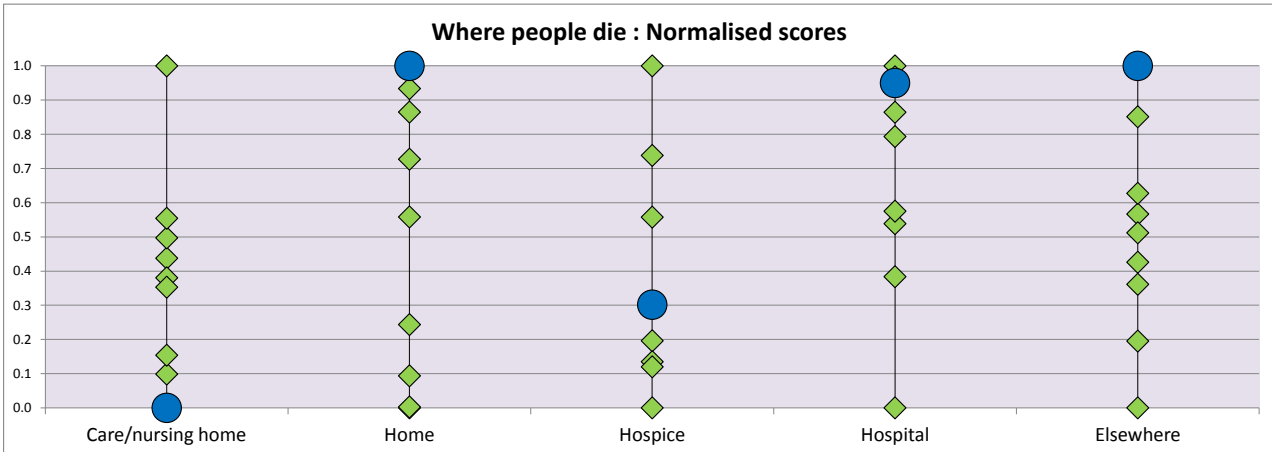
• Look at the observed and expected numbers of deaths. Is the observed number of deaths higher than the expected? Is there a possible explanation for this?

Bridgwater Bay Health

Where people die

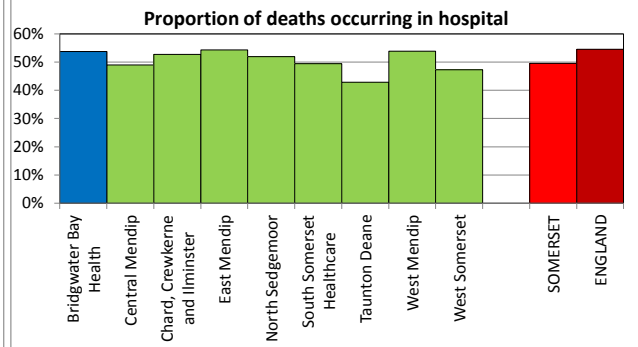
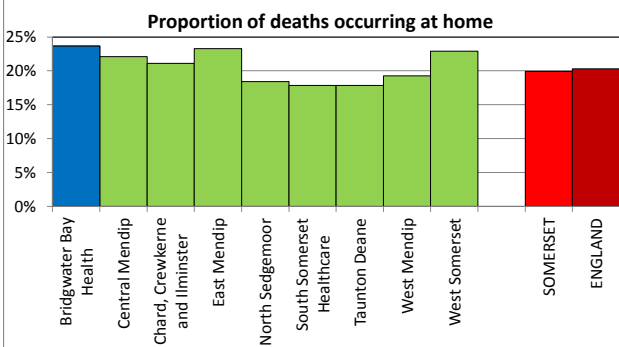
Deaths registered between 2007 and 2011. ONS annual mortality extract 2007-10 and ONS Primary Care Mortality Database 2011.

	Federation %	Somerset %	England % (2008-10)	Range of Federation values
Care/nursing home	16%	23%	18%	16% to 32%
Home	24%	20%	20%	18% to 24%
Hospice	4%	5%	5%	2% to 9%
Hospital	54%	50%	54%	43% to 54%
Elsewhere	2%	2%	2%	1% to 2%



The Federation has the highest value in the county for:
Home Elsewhere

The Federation has the lowest value in the county for:
Care/nursing home

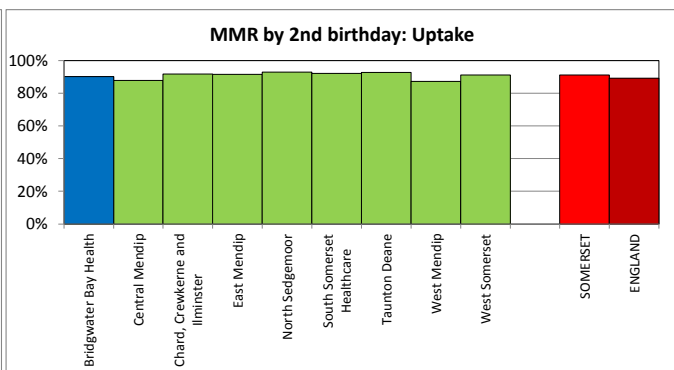
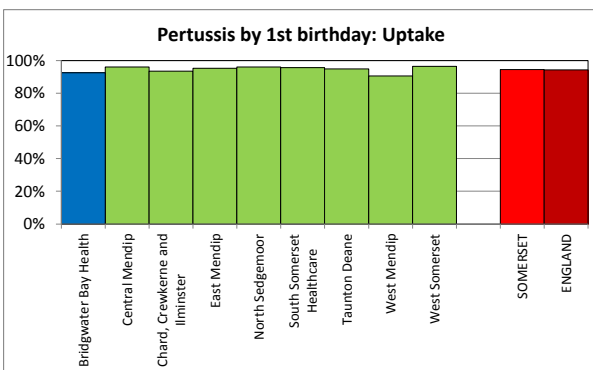
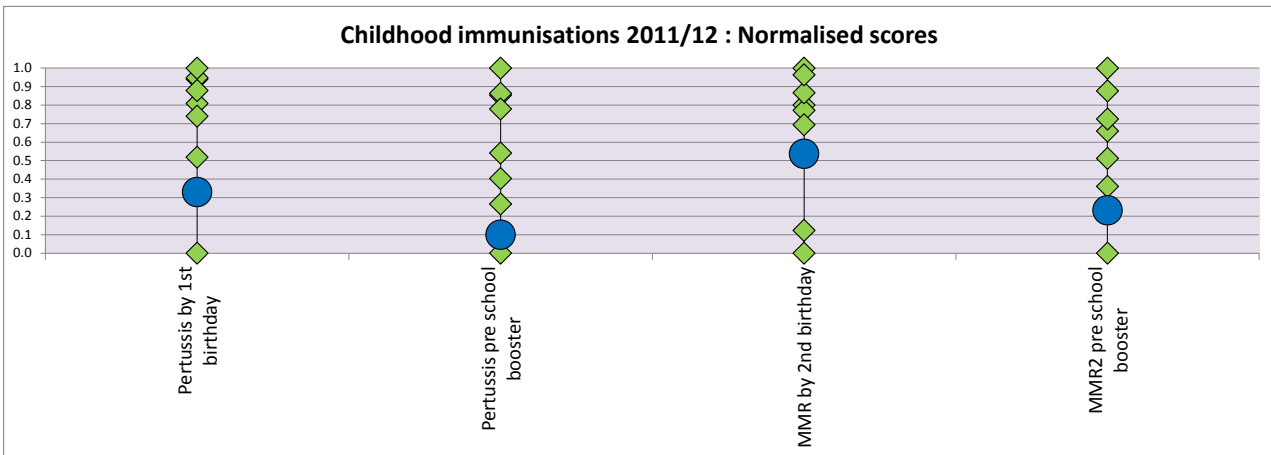


Childhood Immunisations

COVER statistics

2011/12

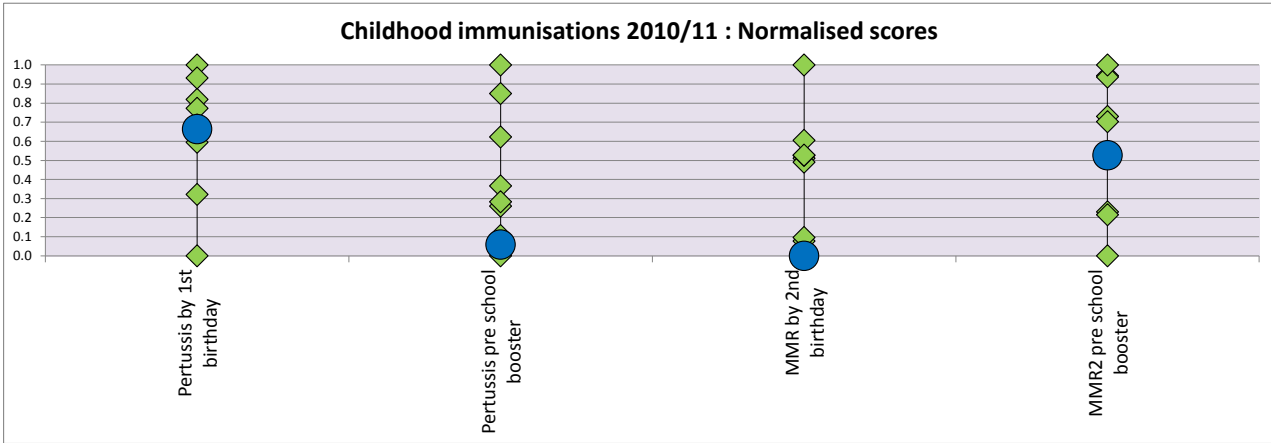
	Federation	Somerset	England 2009/10	Range of Federation values
Pertussis by 1st birthday	92.5%	94.4%	94.2%	90.6% to 96.3%
Pertussis pre school booster	87.5%	89.1%	85.9%	87.2% to 90.5%
MMR by 2nd birthday	90.2%	91.2%	89.1%	87.1% to 92.8%
MMR2 pre school booster	84.9%	86.4%	84.2%	83.8% to 88.5%



England data for 2010/11

2010/11

	Federation	Somerset	England	Range of Federation values
Pertussis by 1st birthday	93.1%	93.3%	94.2%	90.3% to 94.5%
Pertussis pre school booster	88.0%	90.2%	85.9%	87.7% to 92.5%
MMR by 2nd birthday	86.6%	89.4%	89.1%	86.6% to 93.1%
MMR2 pre school booster	84.9%	86.1%	84.2%	80.8% to 88.6%



The Federation has the lowest value in the county for:
MMR by 2nd birthday

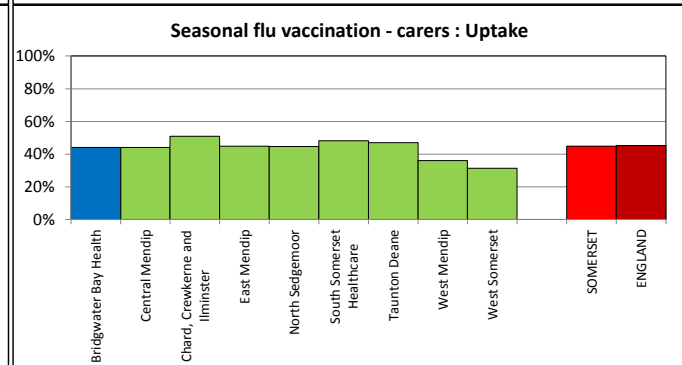
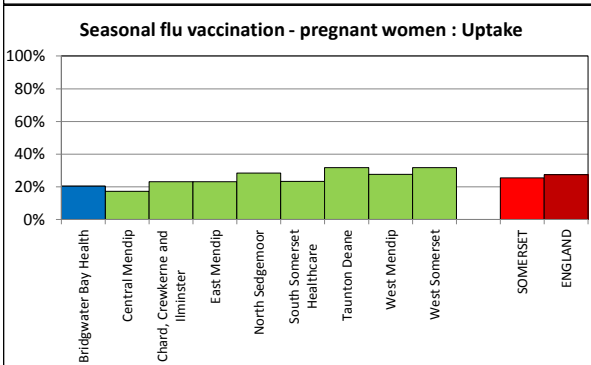
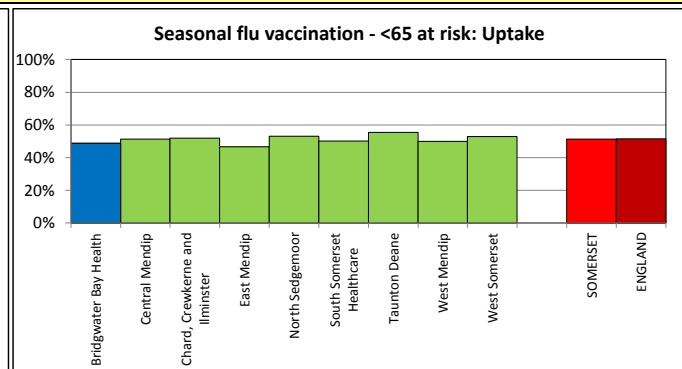
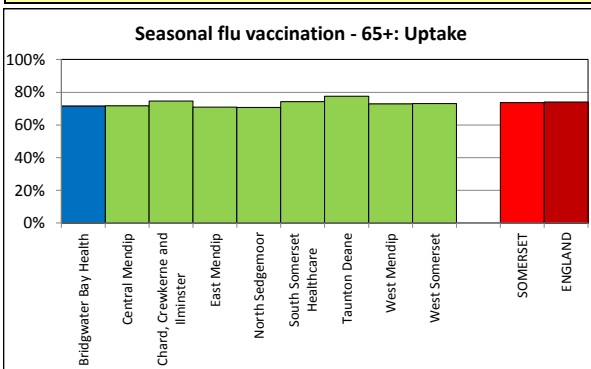
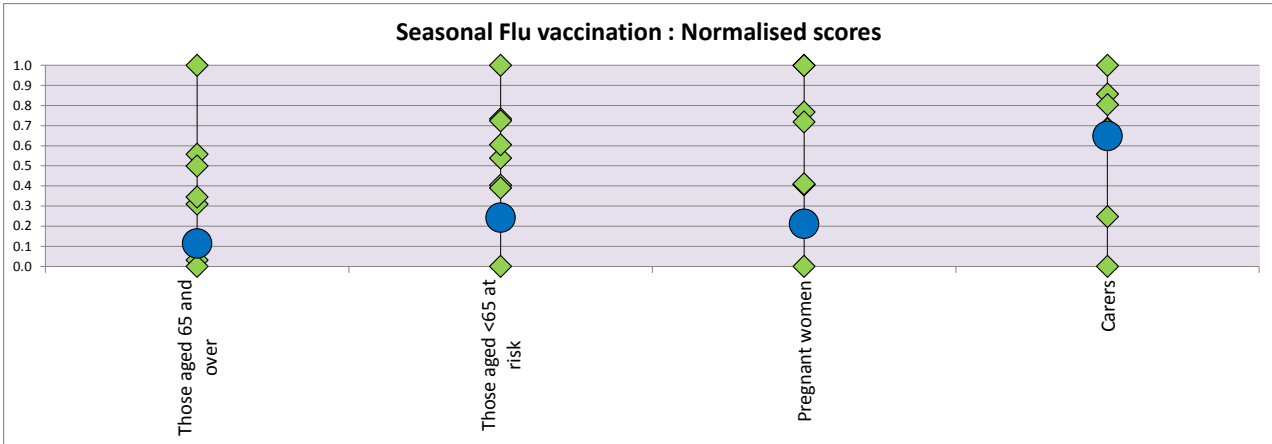
• How does the Federation fare against the median Somerset value?

Seasonal flu vaccinations

Flu vaccination programme statistics

Winter 2011/12

	Federation	Somerset	England	Range of Federation values
Those aged 65 and over	71.6%	73.7%	74.0%	70.8% to 77.6%
Those aged <65 at risk	48.7%	51.3%	51.6%	46.6% to 55.4%
Pregnant women	20.4%	25.5%	27.4%	17.3% to 31.8%
Carers	44.0%	44.8%	45.2%	31.3% to 51.0%



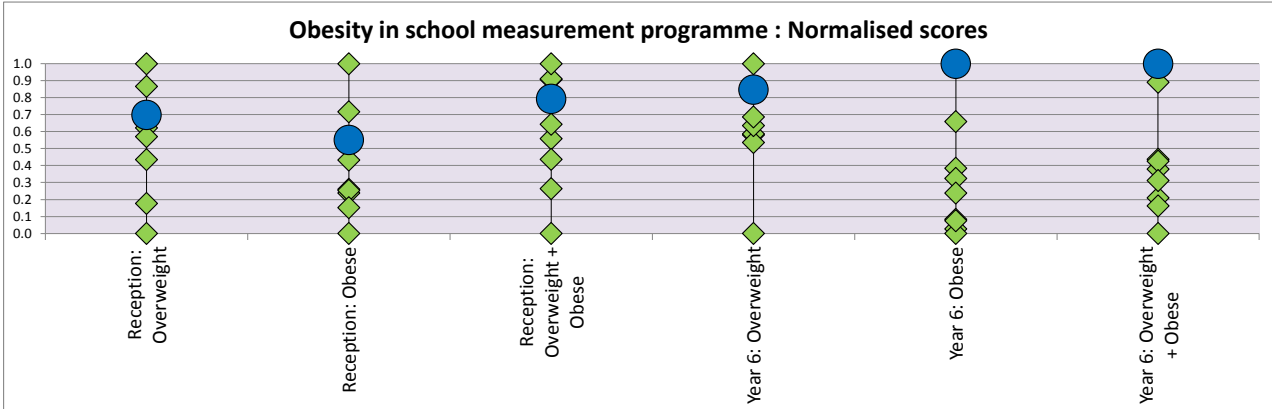
Bridgwater Bay Health

Obesity in schools

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

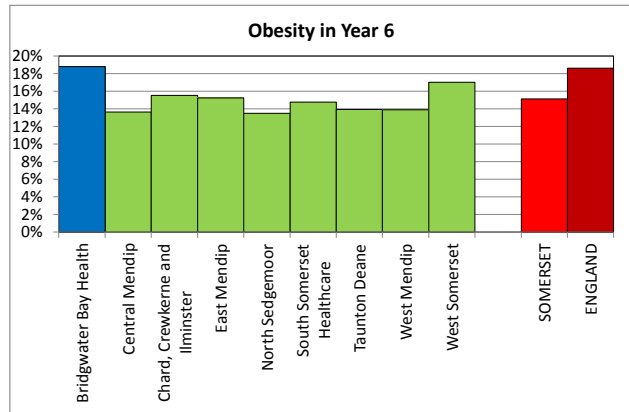
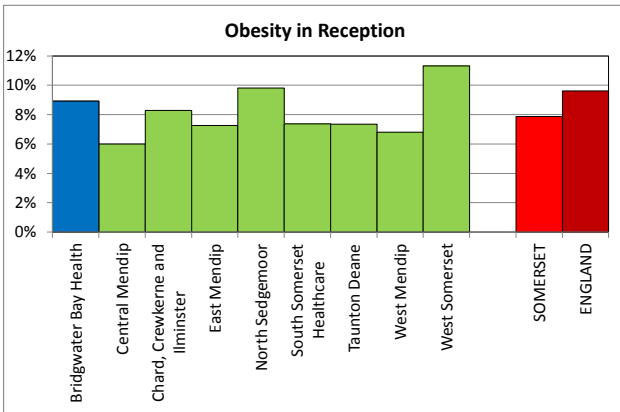
2007/8 - 2010/11

	Federation	Somerset	England	Range of Federation values
Reception: Overweight	15%	14%	13%	11% to 16%
Reception: Obese	9%	8%	10%	6% to 11%
Reception: Overweight + Obese	24%	22%	23%	17% to 25%
Year 6: Overweight	15%	14%	14%	10% to 16%
Year 6: Obese	19%	15%	19%	13% to 19%
Year 6: Overweight + Obese	33%	29%	33%	25% to 33%



The Federation has the highest value in the county for:

Year 6: Obese Year 6: Overweight + Obese



Bridgwater Bay Health

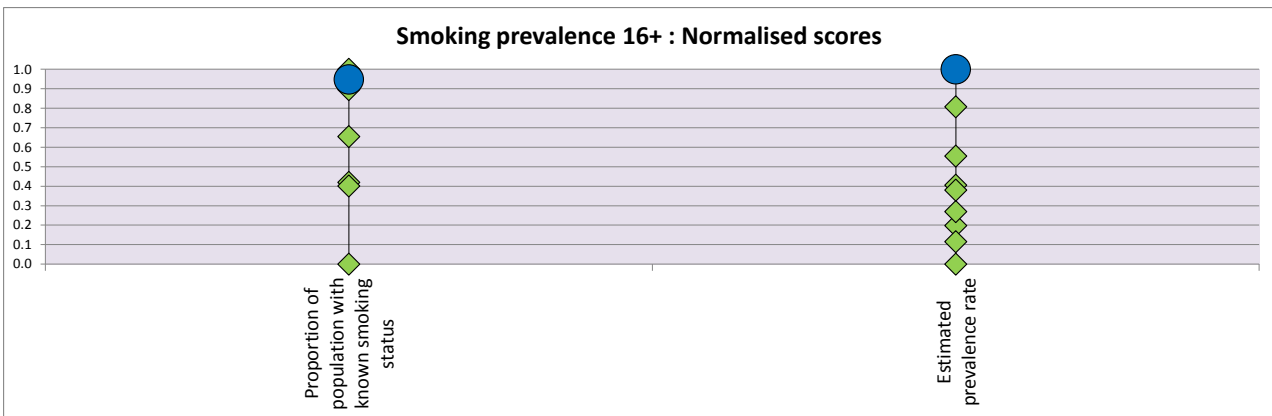
Smoking prevalence (%)

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

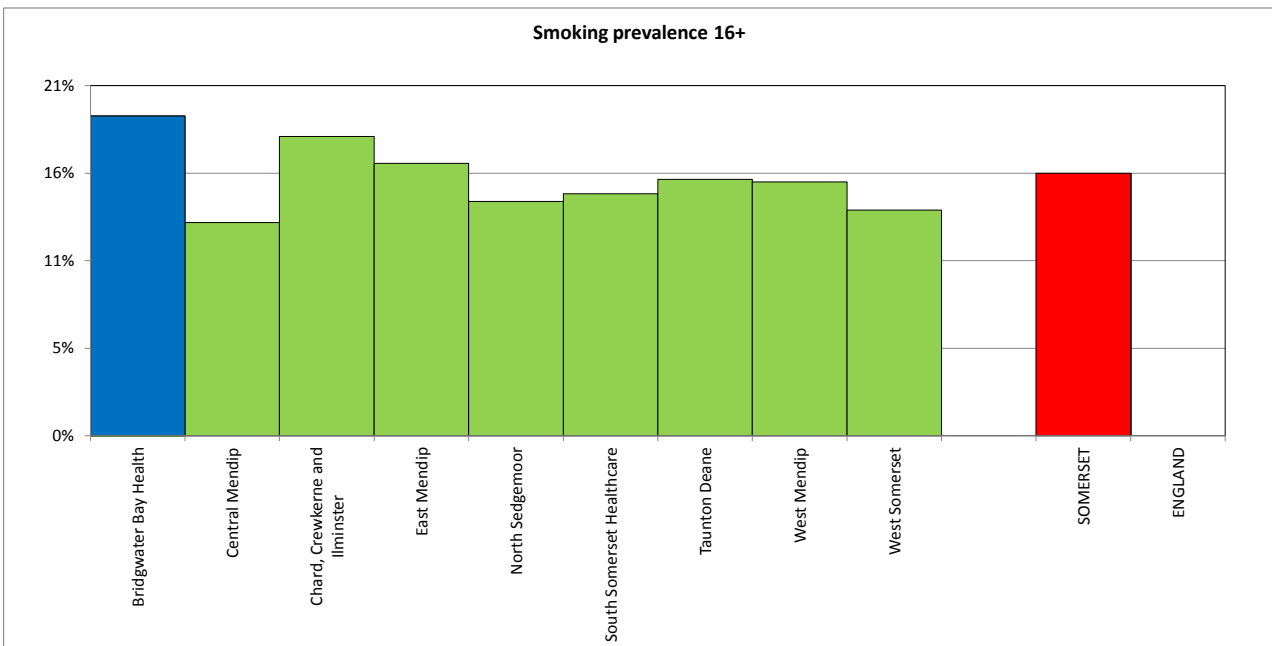
The value given is the number smoking of those of known smoking status in the last 15 months. This estimate is likely to be an overestimate as those who smoke are more likely to visit their GP and are more likely to have their smoking status recorded.

Mar-12

	Federation	Somerset	England	Range of Federation values
Number with known smoking status (16+)	51,696	339,127		
Number smoking (16+)	9,915	53,365		
Population (16+)	67,066	451,390		
Proportion of population with known smoking status	77%	75%		68% to 78%
Estimated prevalence rate	19%	16%		13% to 19%



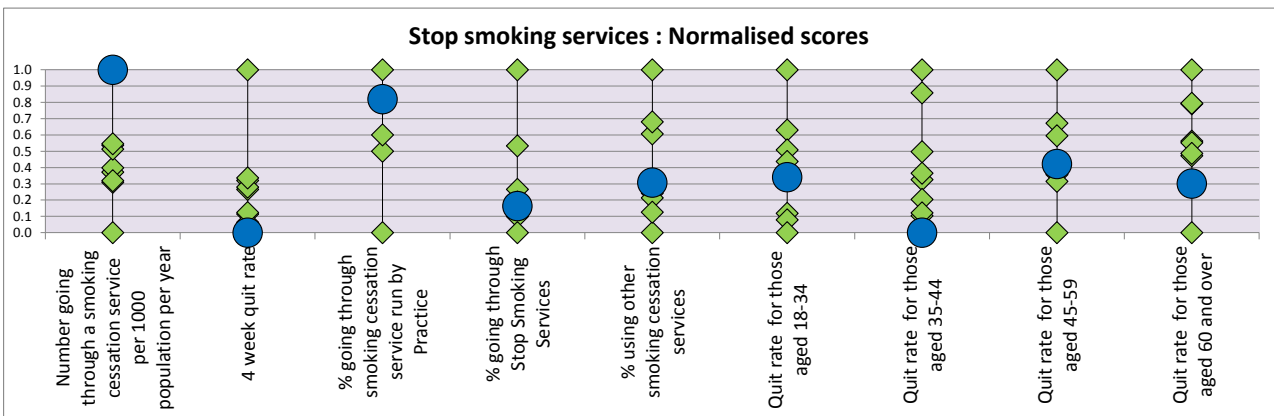
The Federation has the highest value in the county for:
Estimated prevalence rate



Stop smoking services provision 2009-11

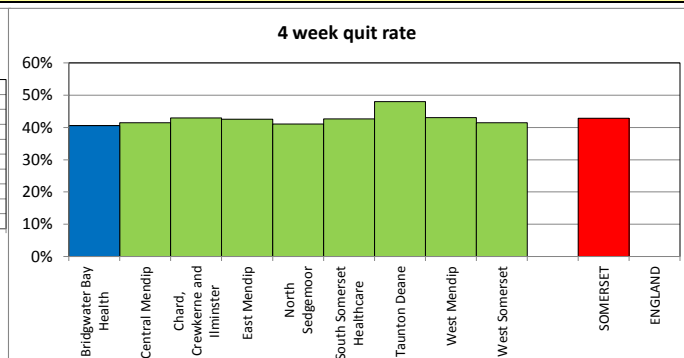
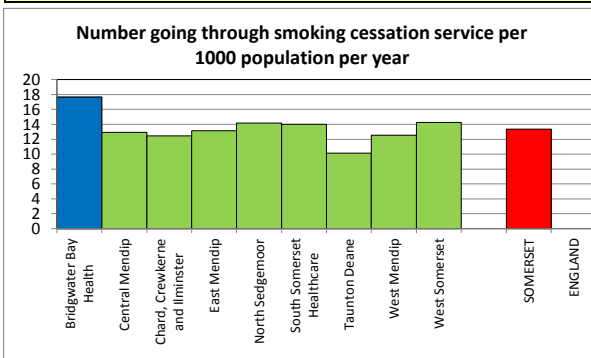
Smoking cessation services database

	Federation	Somerset	England	Range of Federation values
Number going through a smoking cessation service	4,227	21,608		
Number going through a smoking cessation service per 1000 population per year	17.7	13.4		10.1 to 17.7
Number quit (4 week)	1,715	9,267		
Number not quit (4 week)	2,328	10,834		
Number unknown quit status (4 week)	184	1,507		
4 week quit rate	41%	43%		41% to 48%
% going through smoking cessation service run by Practice	91%	86%		68% to 97%
% going through Stop Smoking Services	5%	9%		0% to 27%
% using other smoking cessation services	4%	5%		2% to 8%
Quit rate for those aged 18-34	34%	35%		29% to 44%
Quit rate for those aged 35-44	41%	44%		41% to 49%
Quit rate for those aged 45-59	45%	46%		41% to 50%
Quit rate for those aged 60 and over	48%	50%		45% to 53%



The Federation has the highest value in the county for:
Number going through a smoking cessation service per 1000 population per year

The Federation has the lowest value in the county for:
4 week quit rate Quit rate for those aged 35-44



Bridgwater Bay Health

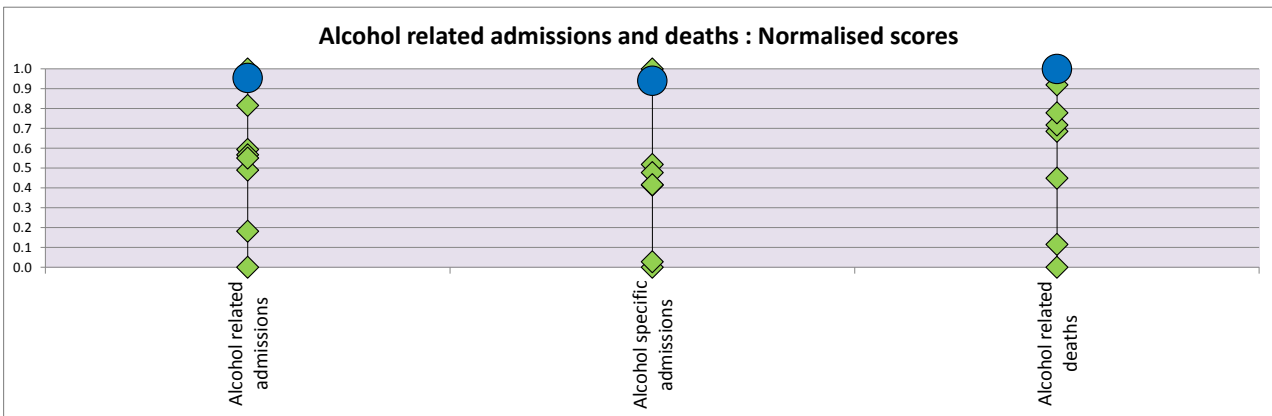
Standardised admission and mortality rates for alcohol related conditions per 100,000 population per year

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.

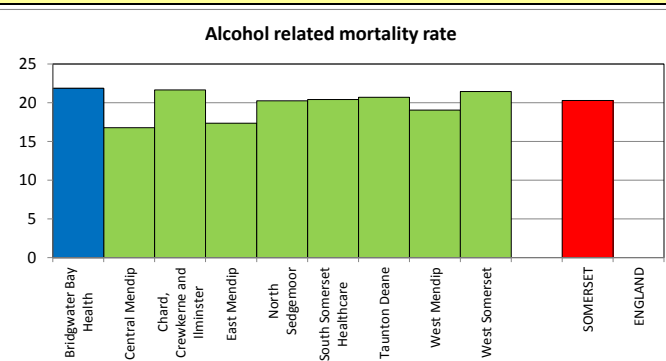
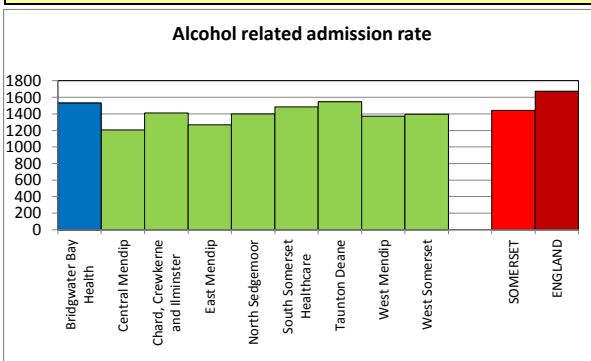
Alcohol specific conditions are a subset of alcohol related conditions that can directly be attributable to alcohol.

	Federation rate	Somerset rate	England (average annual value 2007/8 to 2010/11)	Range of Federation values
Alcohol related admissions	1,532	1,443	1,673	1,207 to 1,548
Alcohol specific admissions	378	337		263 to 386
Alcohol related deaths	22	20		17 to 22



Significantly higher than county average for:
Alcohol related admissions Alcohol specific admissions

The Federation has the highest value in the county for:
Alcohol related deaths



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

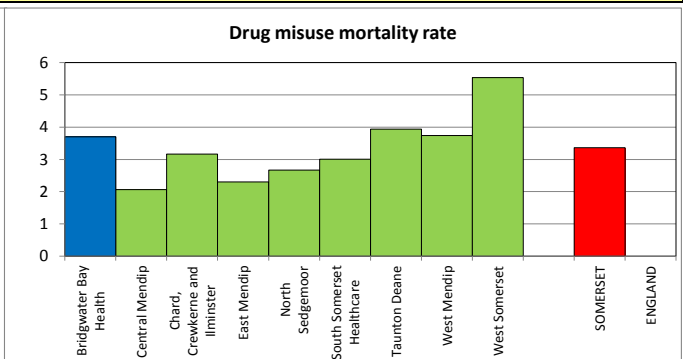
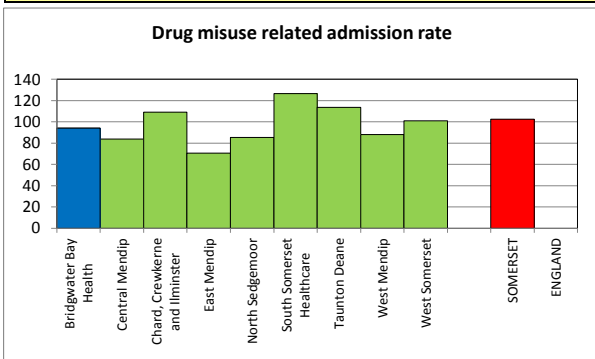
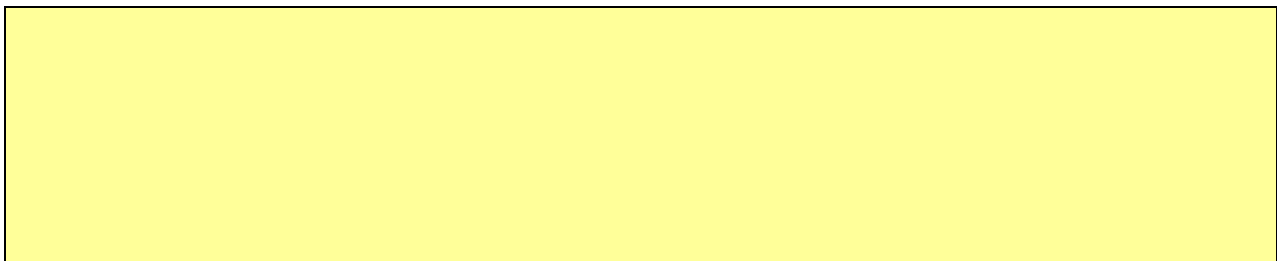
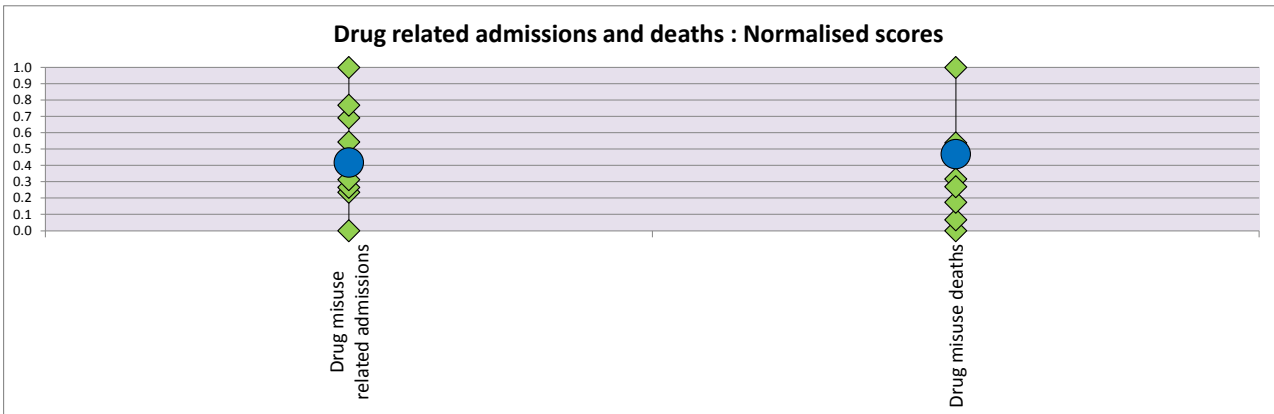
Bridgwater Bay Health

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	94	103		71 to 126
Drug misuse deaths	3.7	3.4		2.1 to 5.5



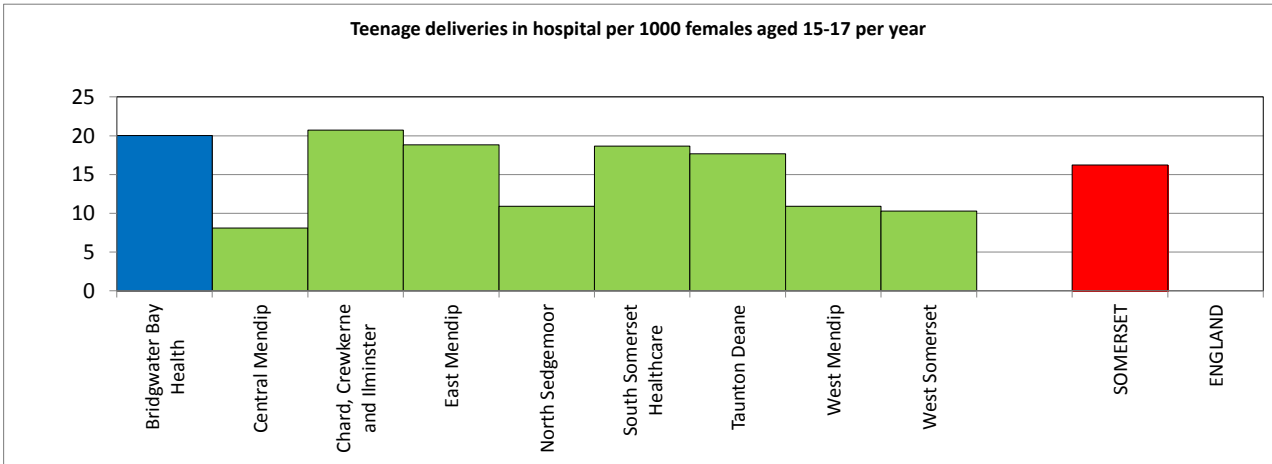
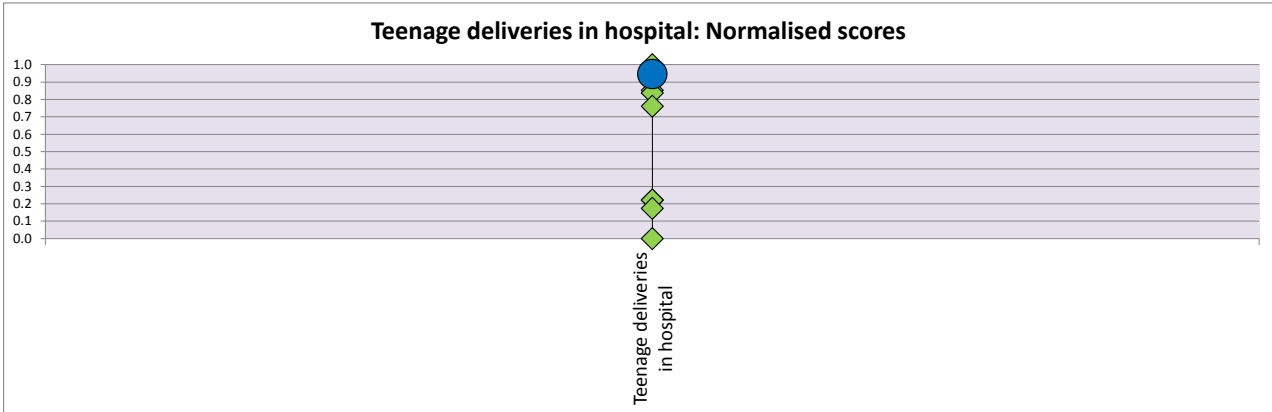
Teenage deliveries in hospital

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	20.0	16.2		8.1 to 20.7

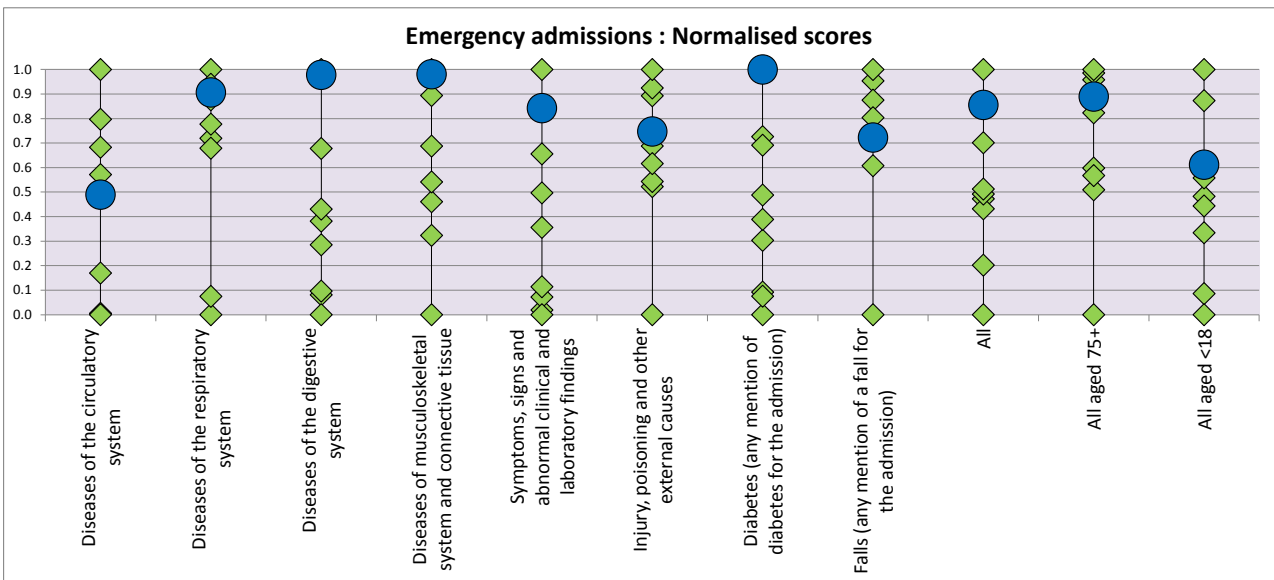


Standardised emergency admission rate to hospital per 1000 population (ICD grouping)

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	744	758	10.0	10.2		9.0 to 11.1
Diseases of the respiratory system	813	785	10.4	10.1		8.1 to 10.6
Diseases of the digestive system	751	696	9.6	8.9		8.1 to 9.6
Diseases of musculoskeletal system and connective tissue	351	312	4.6	4.1		2.7 to 4.7
Symptoms, signs and abnormal clinical and laboratory findings	2,058	1,699	26.5	21.9		16.1 to 28.4
Injury, poisoning and other external causes	1,206	1,187	15.6	15.3		10.4 to 17.3
Diabetes (any mention of diabetes for the admission)	1,029	903	13.7	12.0		10.4 to 13.7
Falls (any mention of a fall for the admission)	669	675	9.2	9.3		6.2 to 10.3
All	8,073	7,502	103.9	96.6		79.7 to 108.0
All aged 75+	2,275	2,201	324.0	313.4		269.2 to 330.8
All aged <18	1,226	1,189	71.1	69.0		52.2 to 83.1



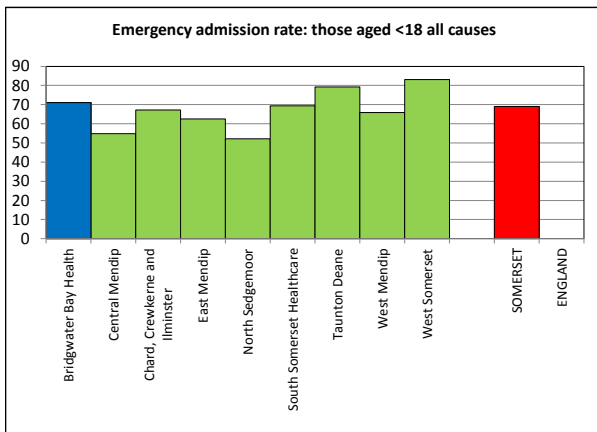
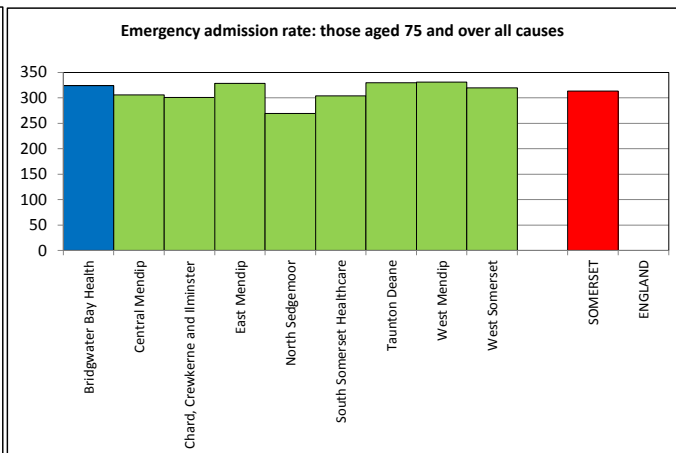
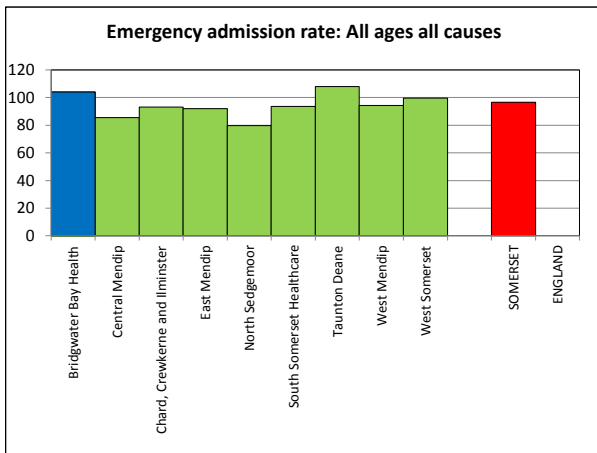
Bridgwater Bay Health

Significantly higher than county average for:

Symptoms, signs and abnormal clinical and laboratory findings Diabetes (any mention of diabetes for the admission) All

The Federation has the highest value in the county for:

Diabetes (any mention of diabetes for the admission)



- 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?

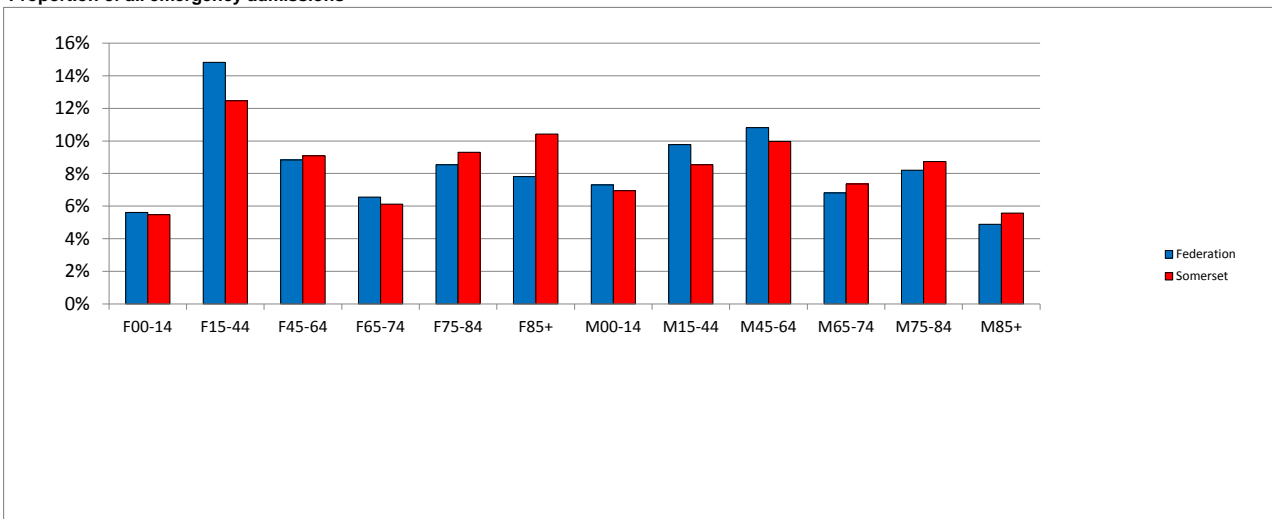
Emergency admission numbers by age and sex of patient

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

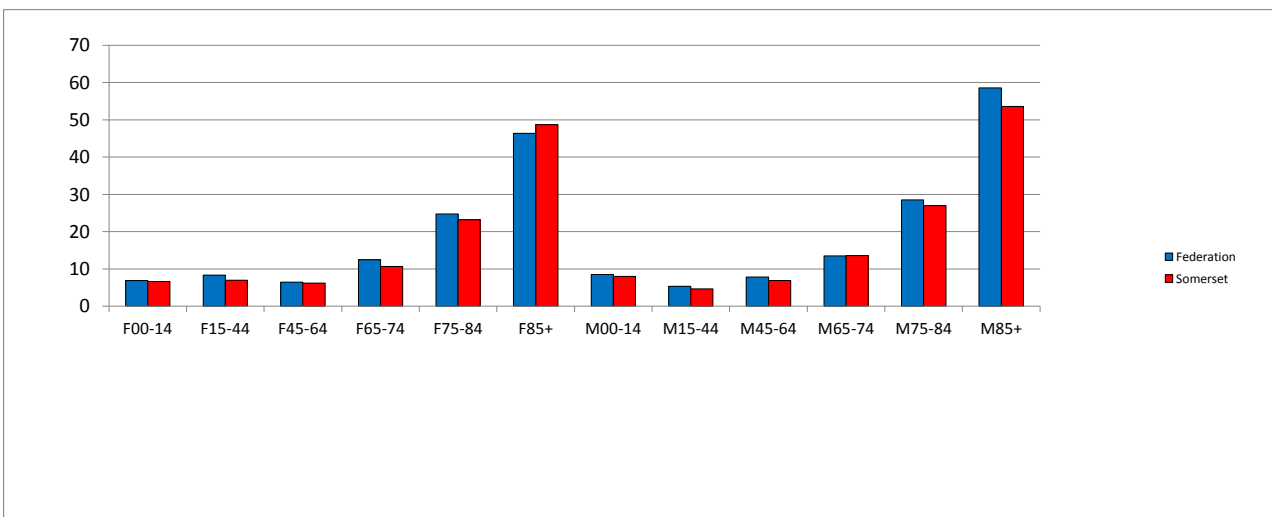
The crude rate shown is the number of admissions per population in the age/sex group. There can be multiple admissions for patients. 0.6% of admissions are not included in the table below because the patient was of unknown age or sex.

age/sex group	Federation			Somerset		
	no.	% of total	Crude rate per 100 population	no.	% of total	Crude rate per 100 population
F00-14	454	6%	6.9	2,862	5%	6.6
F15-44	1,197	15%	8.3	6,526	12%	7.0
F45-64	713	9%	6.4	4,759	9%	6.2
F65-74	529	7%	12.5	3,207	6%	10.7
F75-84	690	9%	24.7	4,866	9%	23.2
F85+	630	8%	46.4	5,458	10%	48.7
M00-14	590	7%	8.5	3,632	7%	8.0
M15-44	789	10%	5.3	4,469	9%	4.7
M45-64	873	11%	7.8	5,216	10%	6.9
M65-74	550	7%	13.5	3,850	7%	13.6
M75-84	663	8%	28.5	4,575	9%	27.0
M85+	395	5%	58.6	2,917	6%	53.6
Total	8,073	100%		52,337	100%	

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.

ALL AGES

(Those with known diagnosis)

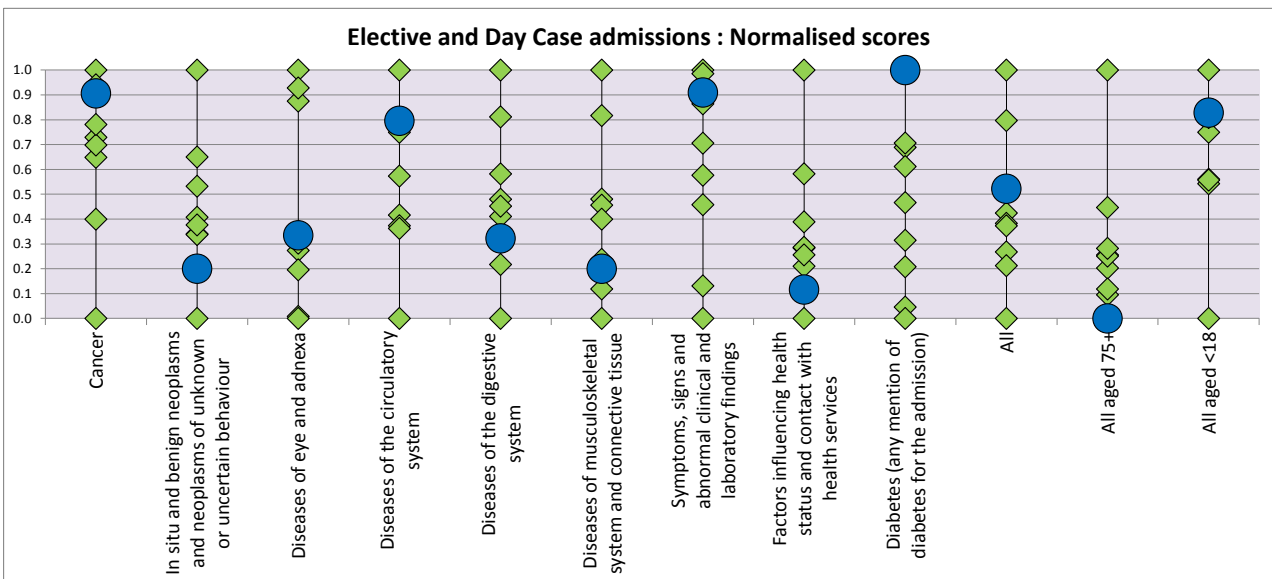
ICD groupings	Federation		Somerset	
	no.	%	no.	%
Infectious and parasitic diseases	243	3%	1,646	3%
Cancer	177	2%	1,367	3%
In situ and benign neoplasms and neoplasms of unknown or uncertain behaviour	43	1%	233	0%
Diseases of blood and blood forming organs	120	1%	655	1%
Endocrine, nutritional and metabolic diseases	170	2%	1,058	2%
Mental and behavioural disorders	158	2%	1,083	2%
Diseases of the nervous system	192	2%	1,309	3%
Diseases of eye and adnexa	35	0%	274	1%
Diseases of Ear and Mastoid process	22	0%	151	0%
Diseases of the circulatory system	744	9%	5,532	11%
Diseases of the respiratory system	813	10%	5,451	10%
Diseases of the digestive system	751	9%	4,826	9%
Diseases of skin and subcutaneous tissue	192	2%	1,396	3%
Diseases of musculoskeletal system and connective tissue	351	4%	2,221	4%
Diseases of genitourinary system	415	5%	2,871	5%
Pregnancy, childbirth and puerperium	239	3%	1,160	2%
Certain conditions originating in perinatal period	64	1%	404	1%
Congenital malformations, deformations and chromosomal abnormalities	6	0%	77	0%
Symptoms, signs and abnormal clinical and laboratory findings	2,058	25%	11,854	23%
Injury, poisoning and other external causes	1,206	15%	8,306	16%
Factors influencing health status and contact with health services	74	1%	463	1%
Coronary Heart Disease	199	2%	1,560	3%
Cerebrovascular disease	153	2%	1,000	2%
COPD	163	2%	1,035	2%
Asthma	62	1%	409	1%
Diabetes (as the main reason for admission)	82	1%	382	1%
Diabetes (any mention of diabetes for the admission)	1,029	13%	6,528	12%
Falls (any mention of a fall for the admission)	669	8%	5,022	10%
Total	8,073	100%	52,337	100%

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	2,487	2,217	32.2	28.7		16.6 to 33.8
In situ and benign neoplasms and neoplasms of unknown or uncertain behaviour	431	480	5.6	6.2		5.1 to 7.4
Diseases of eye and adnexa	866	892	11.7	12.0		10.1 to 14.8
Diseases of the circulatory system	712	675	9.2	8.7		6.3 to 9.9
Diseases of the digestive system	1,716	1,842	21.8	23.4		18.9 to 27.8
Diseases of musculoskeletal system and connective tissue	1,251	1,358	16.0	17.4		14.9 to 20.4
Symptoms, signs and abnormal clinical and laboratory findings	810	750	10.3	9.6		7.1 to 10.7
Factors influencing health status and contact with health services	532	682	6.8	8.7		6.0 to 12.8
Diabetes (any mention of diabetes for the admission)	1,141	968	14.9	12.7		9.8 to 14.9
All	11,402	11,410	146.2	146.3		129.7 to 161.3
All aged 75+	1,914	2,092	265.7	290.3		265.7 to 339.8
All aged <18	674	620	40.3	37.0		22.6 to 43.9



Bridgwater Bay Health

Significantly higher than county average for:

Cancer Diabetes (any mention of diabetes for the admission)

The Federation has the highest value in the county for:

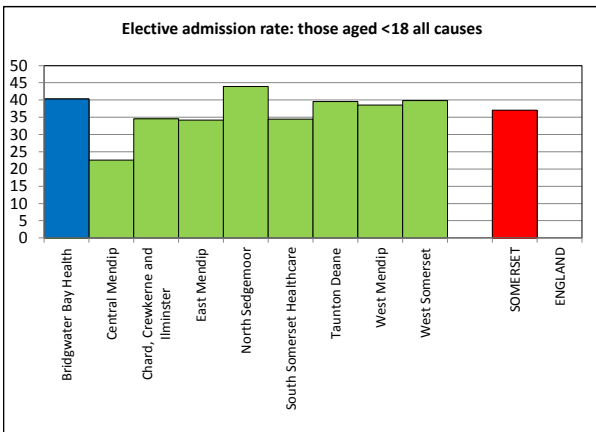
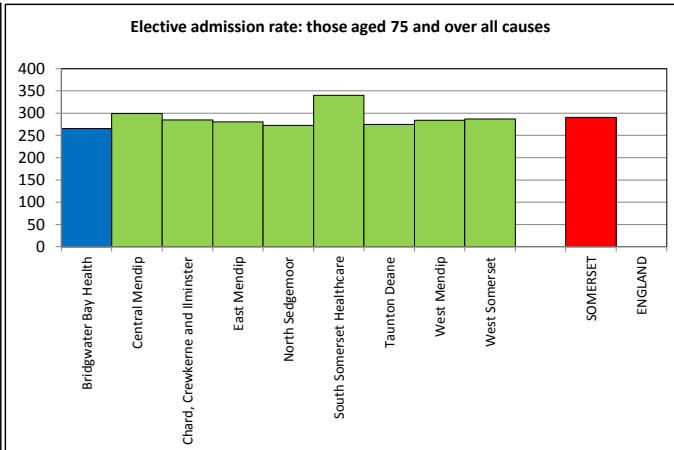
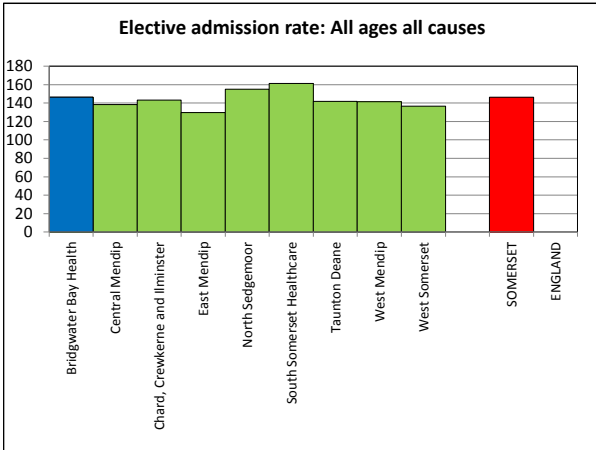
Diabetes (any mention of diabetes for the admission)

Significantly lower than county average for:

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

The Federation has the lowest value in the county for:

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%.

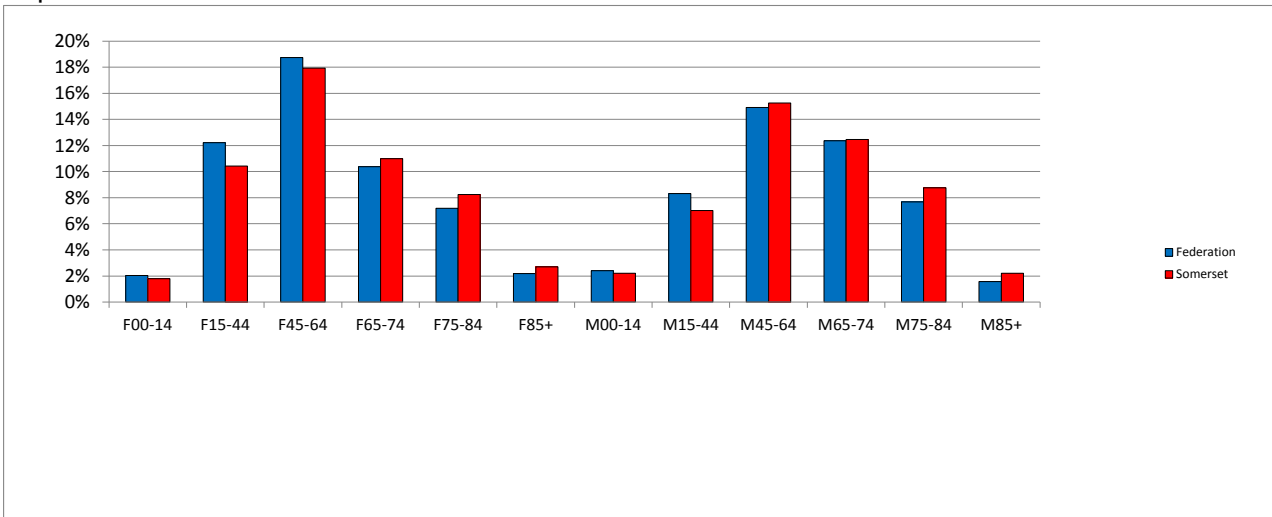
Elective admission numbers by age and sex of patient

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

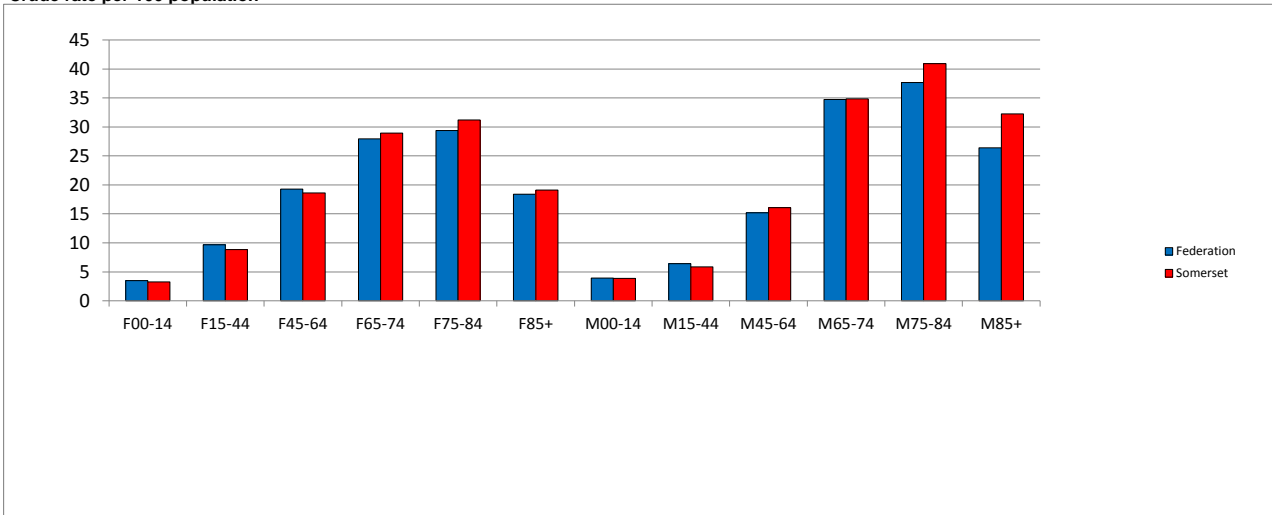
The crude rate shown is the number of admissions per population in the age/sex group. There can be multiple admissions for patients. 0.8% of admissions are not included in the table below because the patient was of unknown age or sex.

age/sex group	Federation			Somerset		
	no.	% of total	Crude rate per 100 population	no.	% of total	Crude rate per 100 population
F00-14	231	2%	3.5	1,414	2%	3.3
F15-44	1,394	12%	9.7	8,267	10%	8.8
F45-64	2,138	19%	19.3	14,224	18%	18.6
F65-74	1,184	10%	28.0	8,710	11%	29.0
F75-84	819	7%	29.4	6,535	8%	31.2
F85+	250	2%	18.4	2,138	3%	19.1
M00-14	274	2%	3.9	1,753	2%	3.9
M15-44	948	8%	6.4	5,564	7%	5.8
M45-64	1,700	15%	15.2	12,100	15%	16.0
M65-74	1,411	12%	34.7	9,872	12%	34.8
M75-84	875	8%	37.6	6,937	9%	40.9
M85+	178	2%	26.4	1,757	2%	32.3
Total	11,402	100%		79,271	100%	

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	11	0%	143	0%
Cancer	2,487	22%	15,563	20%
In situ and benign neoplasms and neoplasms of unknown or uncertain behaviour	431	4%	3,346	4%
Diseases of blood and blood forming organs	248	2%	1,643	2%
Endocrine, nutritional and metabolic diseases	143	1%	1,092	1%
Mental and behavioural disorders	21	0%	155	0%
Diseases of the nervous system	315	3%	1,999	3%
Diseases of eye and adnexa	866	8%	6,518	8%
Diseases of Ear and Mastoid process	124	1%	815	1%
Diseases of the circulatory system	712	6%	4,733	6%
Diseases of the respiratory system	265	2%	1,643	2%
Diseases of the digestive system	1,716	15%	12,657	16%
Diseases of skin and subcutaneous tissue	170	1%	1,549	2%
Diseases of musculoskeletal system and connective tissue	1,251	11%	9,419	12%
Diseases of genitourinary system	770	7%	4,899	6%
Pregnancy, childbirth and puerperium	179	2%	796	1%
Certain conditions originating in perinatal period	2	0%	26	0%
Congenital malformations, deformations and chromosomal abnormalities	107	1%	591	1%
Symptoms, signs and abnormal clinical and laboratory findings	810	7%	5,194	7%
Injury, poisoning and other external causes	242	2%	1,766	2%
Factors influencing health status and contact with health services	532	5%	4,724	6%
Coronary Heart Disease	204	2%	1,377	2%
Diabetes (any mention of diabetes for the admission)	1,141	10%	6,860	9%
Total	11,402	100%	79,271	100%

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

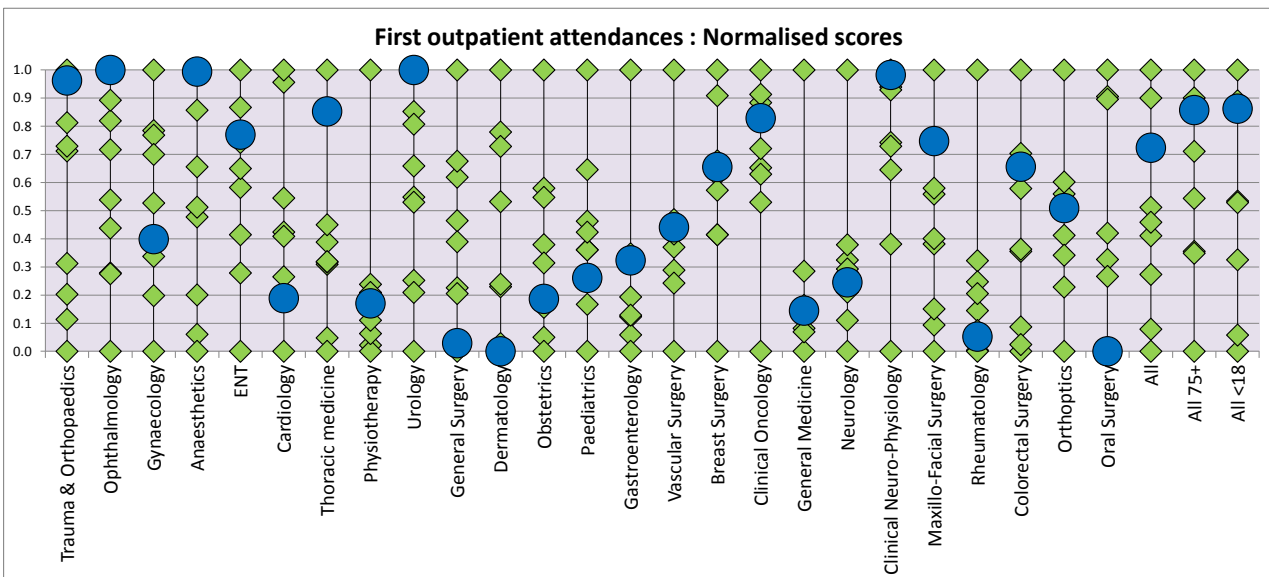
Outpatient activity files 2011/12. Population file July 2011. Standardised by age and sex.

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	7,706	6,026	97.4	76.2		50.5 to 99.2
Ophthalmology	2,986	2,719	38.8	35.4		30.5 to 38.8
Gynaecology	1,627	1,709	39.2	41.1		33.9 to 47.1
Anaesthetics	2,866	1,705	36.5	21.7		0.7 to 36.7
ENT	1,693	1,653	21.3	20.8		16.8 to 22.6
Cardiology	1,190	1,518	15.4	19.7		11.7 to 31.3
Thoracic medicine	1,976	1,337	25.3	17.1		7.2 to 28.5
Physiotherapy	831	1,307	10.4	16.4		3.4 to 44.5
Urology	1,412	1,209	18.1	15.5		12.4 to 18.1
General Surgery	666	1,180	8.5	15.0		7.9 to 25.7
Dermatology	931	1,125	11.9	14.4		11.9 to 20.1
Obstetrics	679	874	46.3	59.6		34.9 to 96.0
Paediatrics	814	870	54.8	58.6		47.7 to 74.9
Gastroenterology	614	582	7.8	7.4		6.1 to 11.3
Vascular Surgery	595	516	7.9	6.8		2.0 to 15.4
Breast Surgery	599	510	7.5	6.4		1.2 to 10.9
Clinical Oncology	536	480	7.0	6.3		4.3 to 7.6
General Medicine	354	452	4.6	5.9		2.5 to 17.1
Neurology	444	464	5.6	5.8		4.5 to 8.9
Clinical Neuro-Physiology	557	442	7.0	5.6		0.4 to 7.1
Maxillo-Facial Surgery	618	427	7.7	5.4		0.5 to 10.2
Rheumatology	347	415	4.4	5.3		4.1 to 10.5
Colorectal Surgery	549	389	7.1	5.0		0.9 to 10.4
Orthoptics	408	395	4.9	4.7		2.2 to 7.5
Oral Surgery	71	343	0.9	4.3		0.9 to 9.4
All	34,409	32,395	434.9	409.5		343.8 to 469.7
All 75+	5,683	5,223	790.8	726.8		574.5 to 826.8
All <18	3,925	3,724	233.8	221.8		189.7 to 240.8



Bridgwater Bay Health

Significantly higher than county average for:

Trauma & Orthopaedics Ophthalmology Anaesthetics Thoracic medicine Urology Vascular Surgery Breast Surgery Clinical Neuro-Physiology Maxillo-Facial Surgery Colorectal Surgery All All 75+ All <18

The Federation has the highest value in the county for:

Ophthalmology Urology

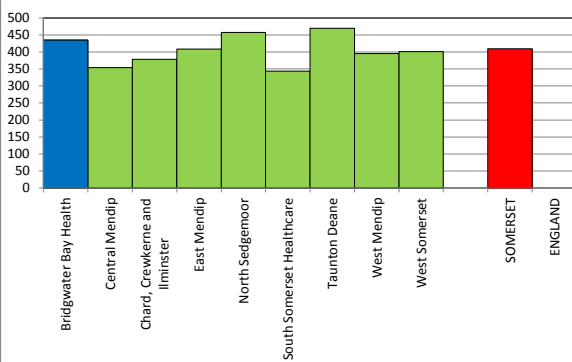
Significantly lower than county average for:

Cardiology Physiotherapy General Surgery Dermatology Obstetrics General Medicine Rheumatology Oral Surgery

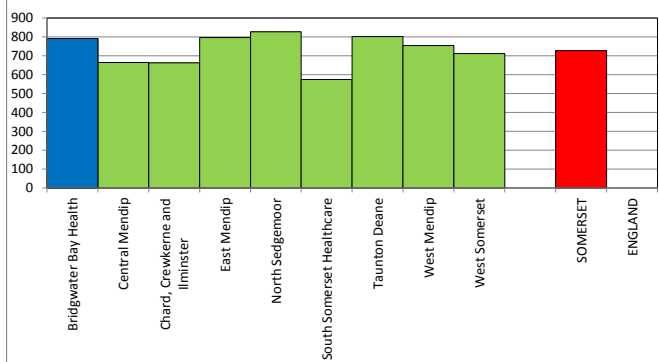
The Federation has the lowest value in the county for:

Dermatology Oral Surgery

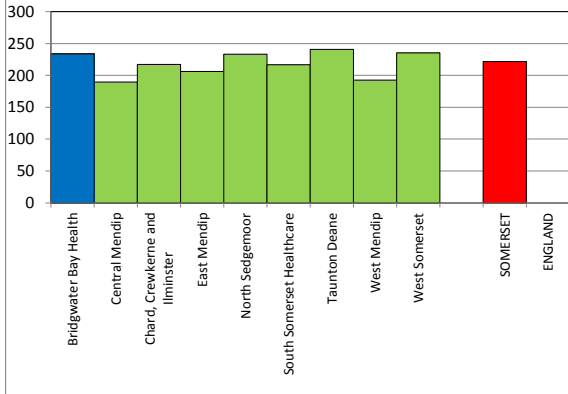
First Outpatient attendance rate: All ages All causes



First Outpatient attendance rate: 75+ All causes



First Outpatient attendance rate: <18 All causes



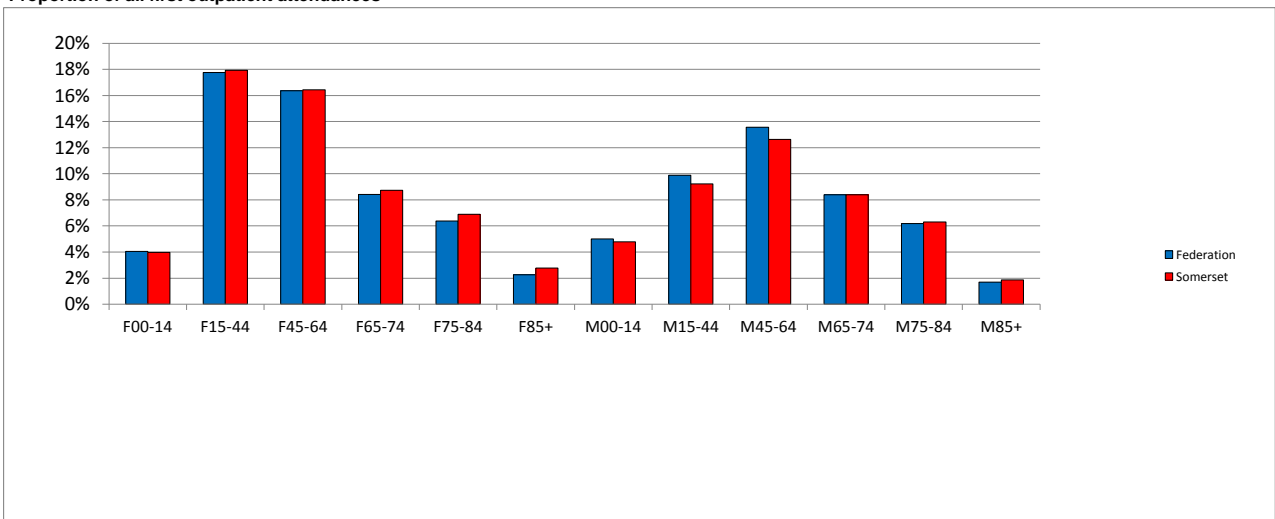
First Outpatient attendances by age and sex of patient

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

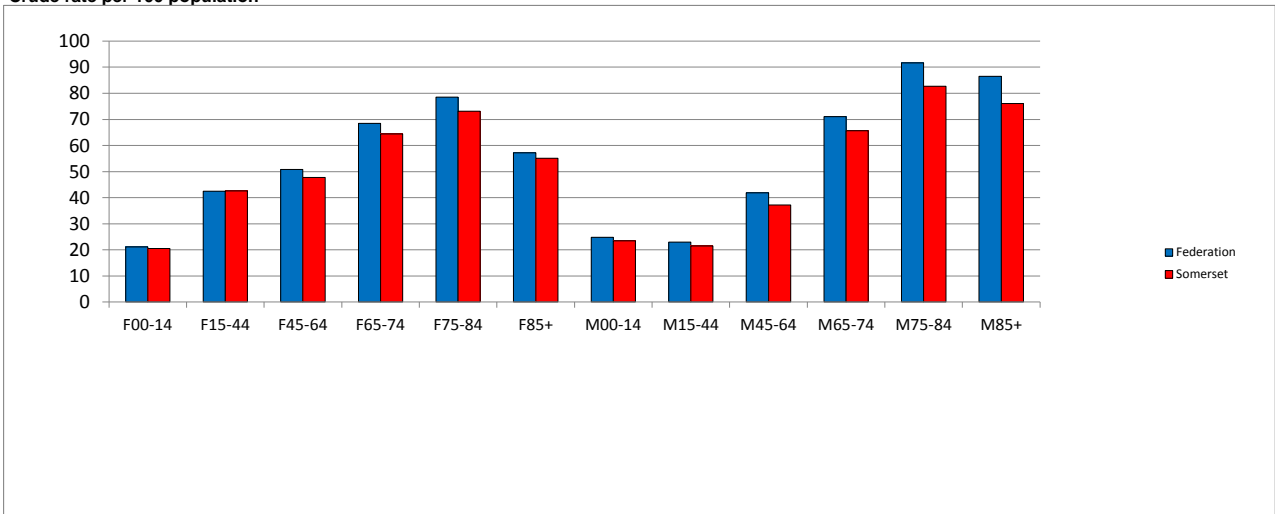
The crude rate shown is the number of first attendances per population in the age/sex group. There can be multiple first attendances for patients. 1.0% of admissions are not included in the table below because the patient was of unknown age or sex.

age/sex group	Federation			Somerset		
	no.	% of total	Crude rate per 100 population	no.	% of total	Crude rate per 100 population
F00-14	1,395	4%	21.1	8,829	4%	20.5
F15-44	6,115	18%	42.4	39,782	18%	42.6
F45-64	5,635	16%	50.8	36,499	16%	47.8
F65-74	2,900	8%	68.5	19,380	9%	64.4
F75-84	2,192	6%	78.6	15,320	7%	73.1
F85+	776	2%	57.1	6,164	3%	55.0
M00-14	1,722	5%	24.8	10,599	5%	23.5
M15-44	3,402	10%	22.9	20,454	9%	21.5
M45-64	4,672	14%	41.8	28,060	13%	37.2
M65-74	2,885	8%	71.0	18,611	8%	65.7
M75-84	2,132	6%	91.7	14,017	6%	82.7
M85+	583	2%	86.5	4,147	2%	76.1
Total	34,409	100%		221,862	100%	

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	7,706	22%	41,264	19%
Ophthalmology	2,986	9%	19,156	9%
Gynaecology	1,639	5%	11,408	5%
Anaesthetics	2,866	8%	11,753	5%
ENT	1,693	5%	11,259	5%
Cardiology	1,190	3%	10,652	5%
Thoracic medicine	1,976	6%	9,291	4%
Physiotherapy	831	2%	8,898	4%
Urology	1,412	4%	8,391	4%
General Surgery	666	2%	8,122	4%
Dermatology	931	3%	7,797	4%
Obstetrics	679	2%	5,580	3%
Paediatrics	815	2%	5,588	3%
Gastroenterology	614	2%	4,002	2%
All treatment functions (not all shown above)	34,409		221,862	

QIPP Prescribing indicators

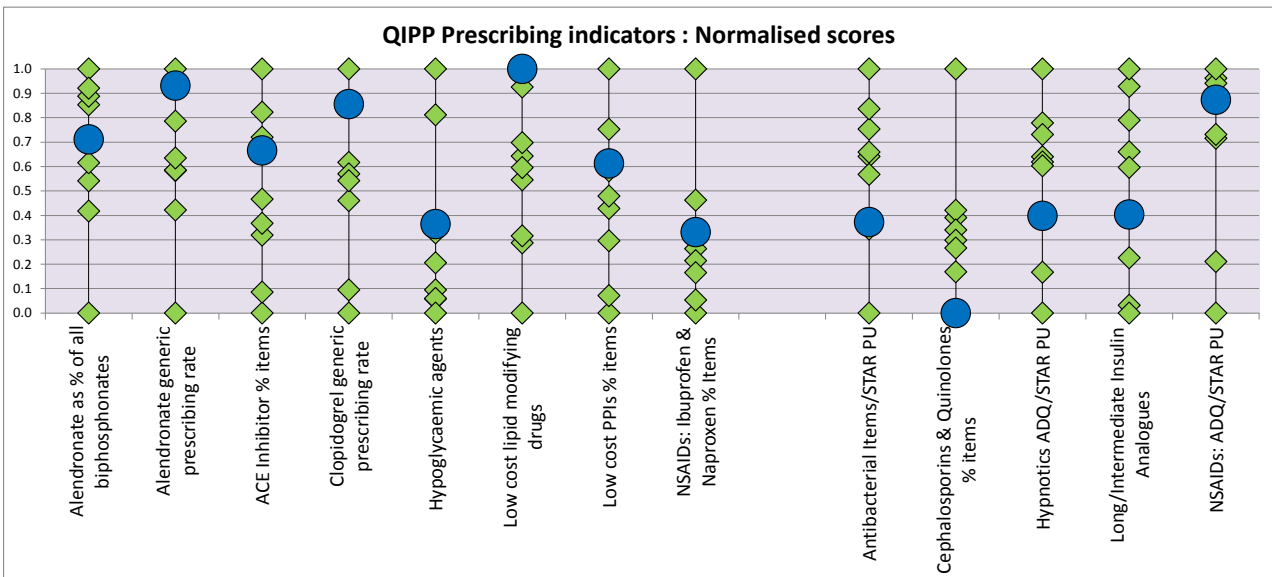
NHSBSA reports 2012

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	14,101	17,178	82.1	81.2	82.3	75.1 to 84.9
Alendronate generic prescribing rate	14,084	14,101	99.9	99.6	99.3	99.1 to 99.9
ACE Inhibitor % items	81,127	105,913	76.6	75.4	71.5	72.2 to 78.8
Clopidogrel generic prescribing rate	6,111	6,132	99.7	99.3	98.9	98.6 to 99.8
Hypoglycaemic agents	36,948	43,067	85.8	85.7	85.0	84.2 to 88.5
Low cost lipid modifying drugs	77,606	101,661	76.3	73.2	73.4	69.6 to 76.3
Low cost PPIs % items	77,110	80,464	95.8	95.3	96.1	94.3 to 96.8
NSAIDs: Ibuprofen & Naproxen % Items	15,261	25,662	59.5	59.4	56.7	57.0 to 64.5
Antibacterial Items/STAR PU	47,526	45,212	1.1	1.1	1.2	0.9 to 1.3
Cephalosporins & Quinolones % items	1,870	47,255	4.0	4.9	6.7	4.0 to 7.1
Hypnotics ADQ/STAR PU	226,473	66,988	3.4	3.7	4.6	2.7 to 4.3
Long/Intermediate Insulin Analogues	2,600	3,524	73.8	76.9	84.8	62.3 to 90.8
NSAIDs: ADQ/STAR PU	783,269	181,818	4.3	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.



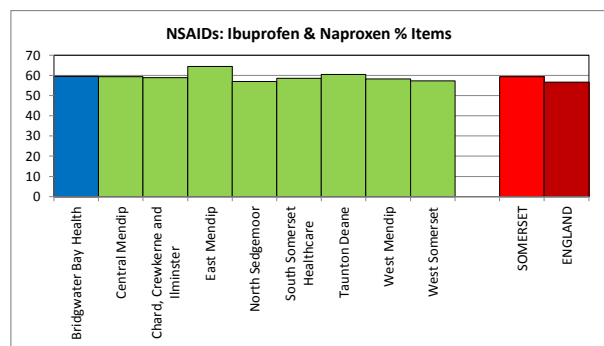
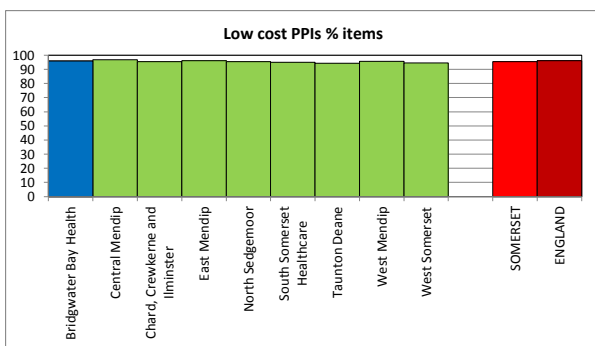
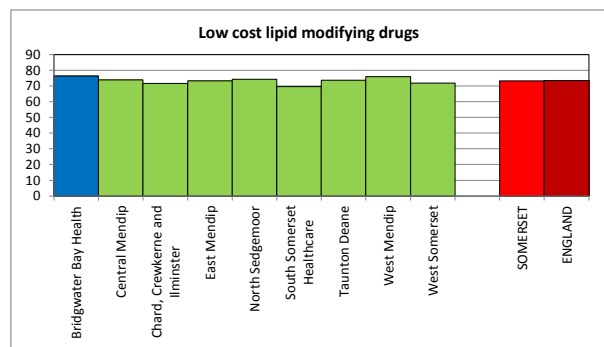
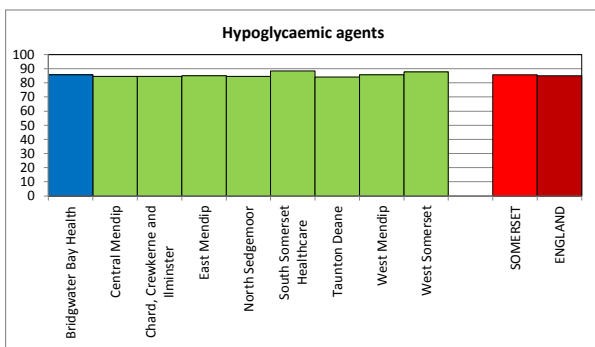
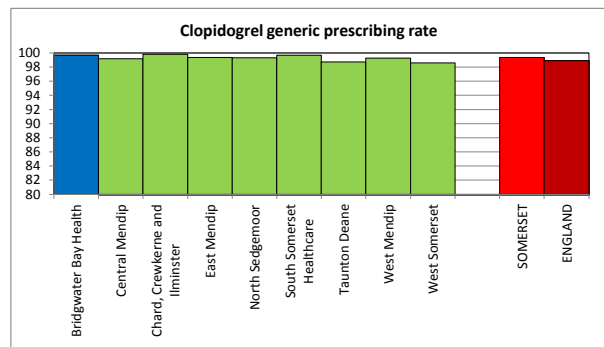
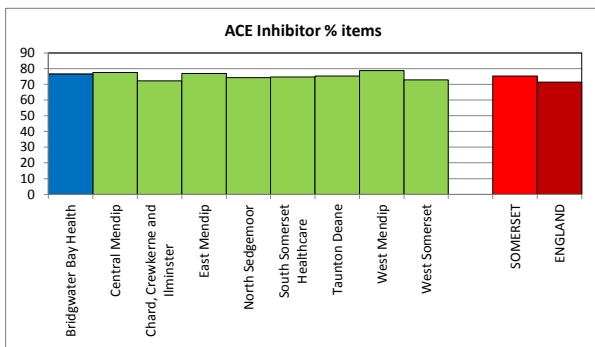
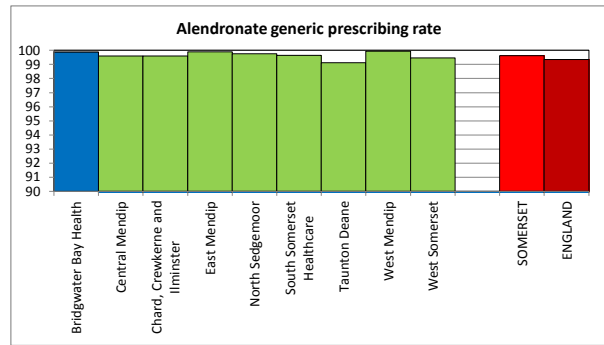
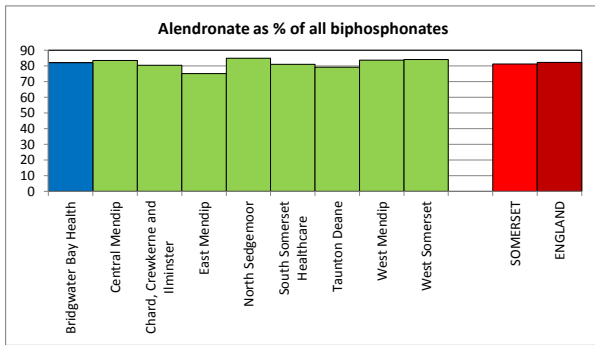
The Federation has the highest value in the county for:

Low cost lipid modifying drugs

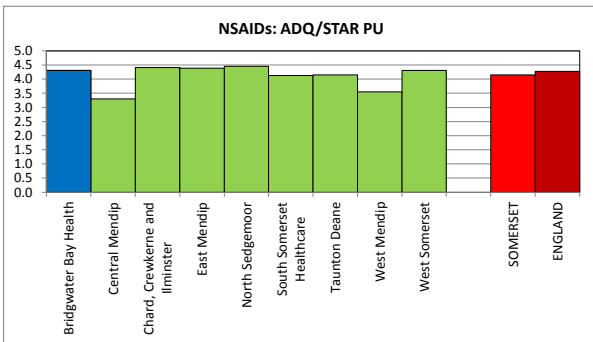
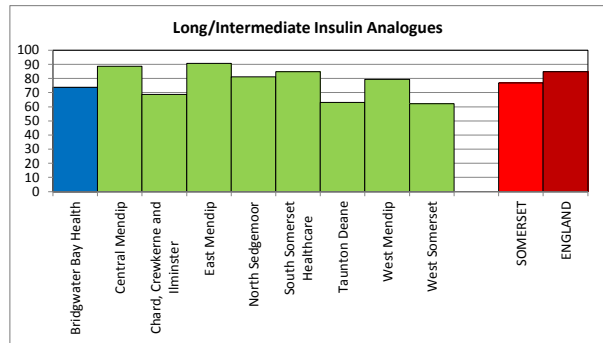
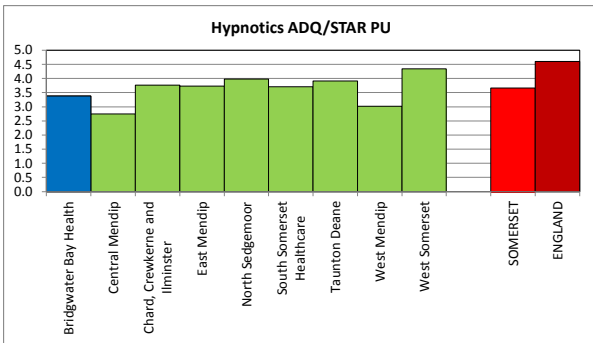
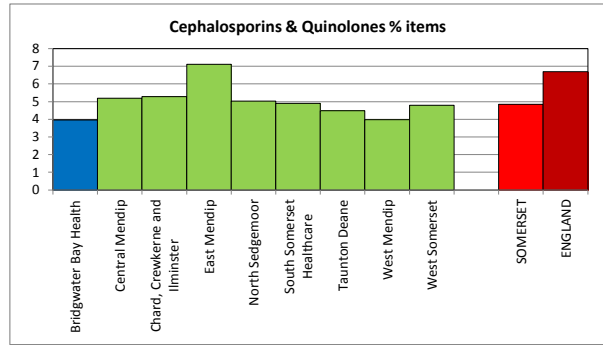
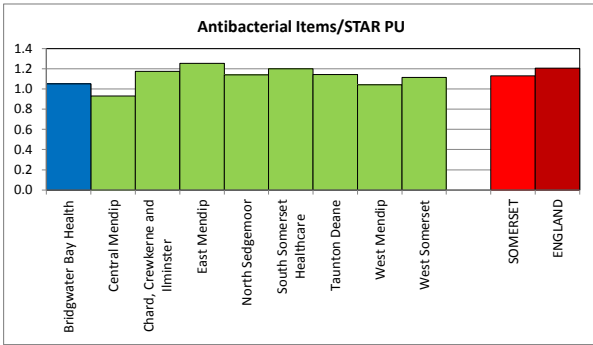
The Federation has the lowest value in the county for:

Cephalosporins & Quinolones % items

Indicators where a higher rate is better



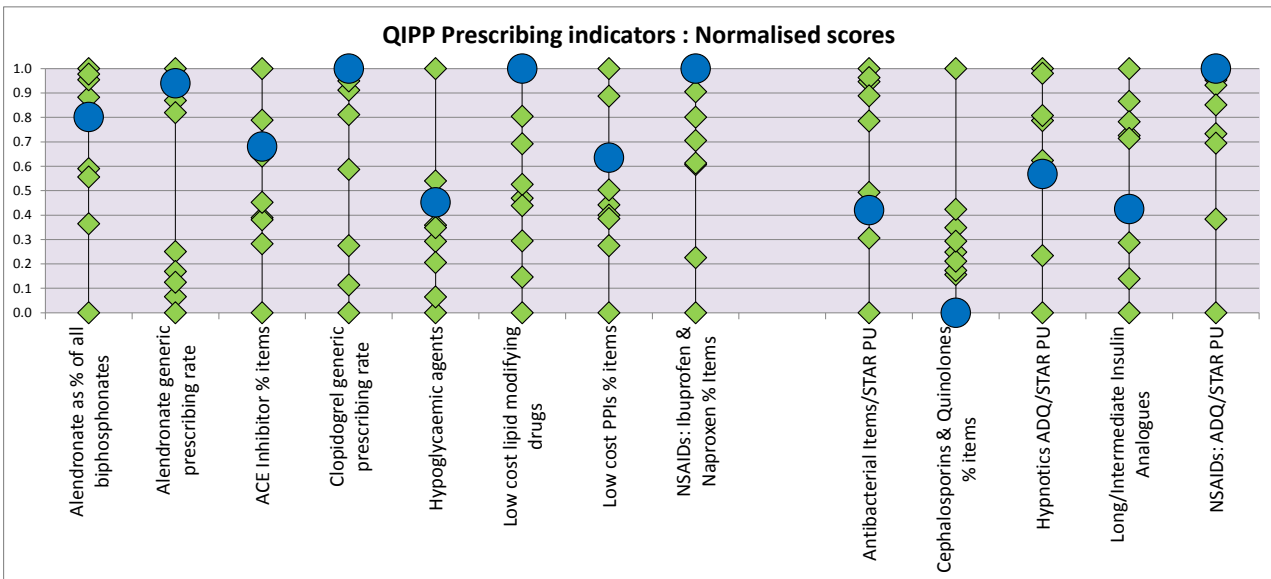
Indicators where a lower rate is better



2010/11

Indicator	Numerator	Denominator	Federation rate	Somerset rate	England rate	Range of Federation values
Alendronate as % of all biphosphonates	13,569	16,740	81.1	78.9	80.1	70.7 to 83.6
Alendronate generic prescribing rate	13,549	13,569	99.9	99.6	99.0	99.3 to 99.9
ACE Inhibitor % items	78,333	101,826	76.9	75.3	71.3	71.2 to 79.6
Clopidogrel generic prescribing rate	4,039	4,078	99.0	98.6	97.8	97.6 to 99.0
Hypoglycaemic agents	35,120	40,487	86.7	86.5	85.3	84.2 to 89.9
Low cost lipid modifying drugs	73,495	96,373	76.3	71.9	72.5	67.8 to 76.3
Low cost PPIs % items	68,071	72,029	94.5	93.8	94.8	92.1 to 95.9
NSAIDs: Ibuprofen & Naproxen % Items	11,930	27,062	44.1	40.8	46.9	32.9 to 44.1
Antibacterial Items/STAR PU	47,781	44,515	1.1	1.1	1.2	1.0 to 1.2
Cephalosporins & Quinolones % items	1,945	47,534	4.1	5.7	8.1	4.1 to 10.1
Hypnotics ADQ/STAR PU	257,474	65,902	3.9	4.0	4.9	3.1 to 4.5
Long/Intermediate Insulin Analogues	2,466	3,382	72.9	76.8	85.3	59.9 to 90.5
NSAIDs: ADQ/STAR PU	861,132	179,093	4.8	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:

Clopidogrel generic prescribing rate Low cost lipid modifying drugs NSAIDs: Ibuprofen & Naproxen % Items NSAIDs: ADQ/STAR PU

The Federation has the lowest value in the county for:

Cephalosporins & Quinolones % items

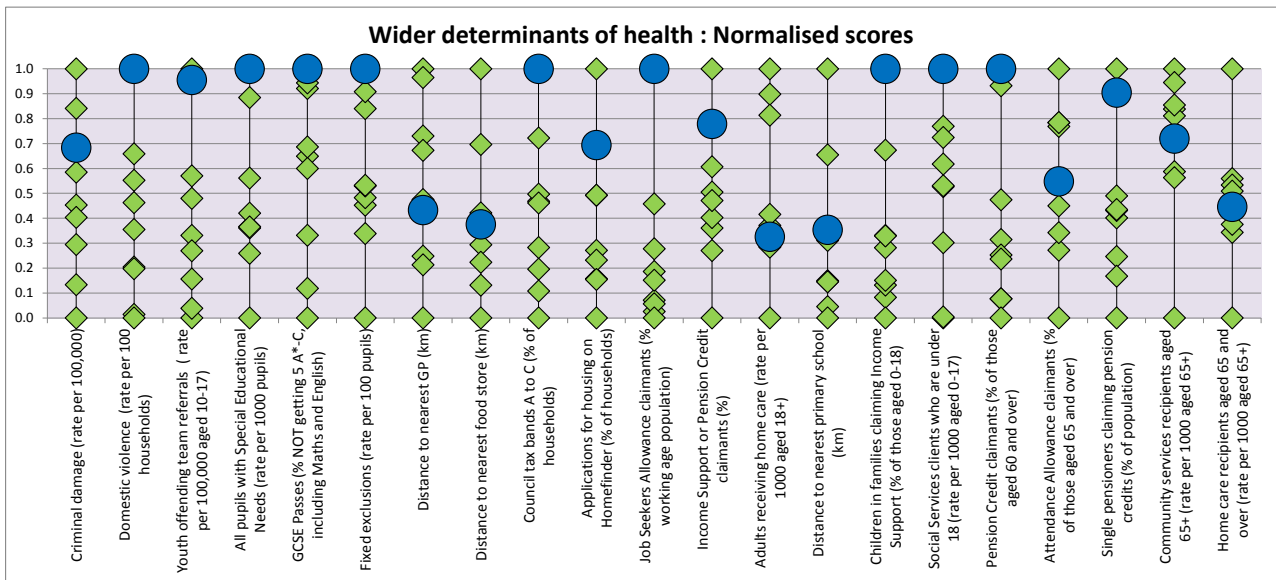
Wider determinants of health

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.

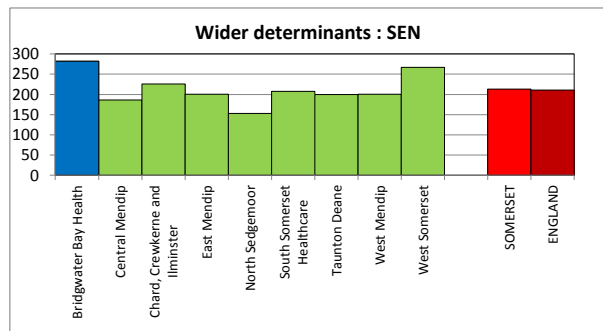
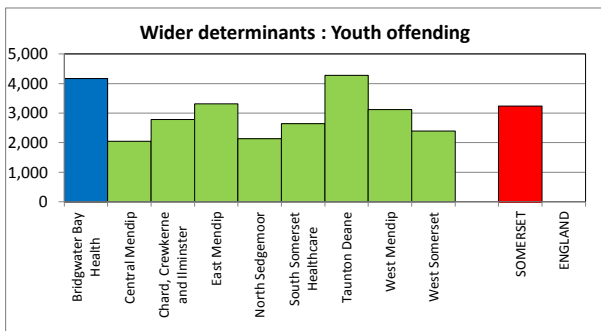
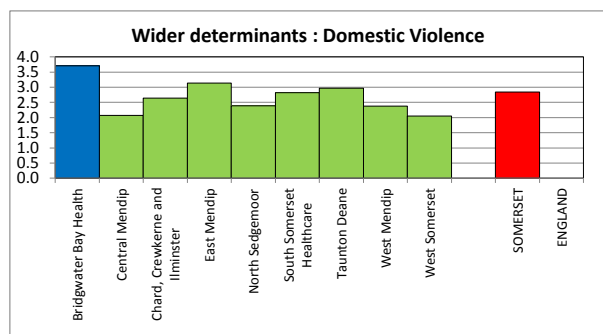
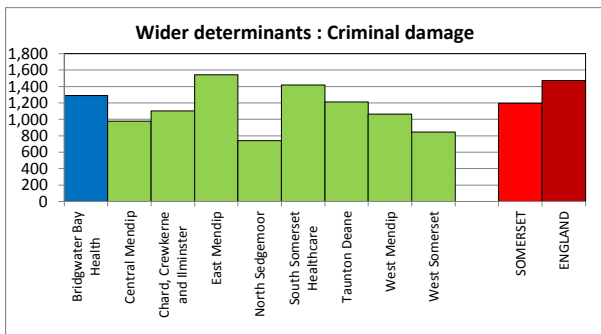
England figures are not available for all indicators and some may not be for exactly the same time period and may differ slightly in definition. This is indicated in the table below

	Federation	Somerset	England	Range of Federation values
Criminal damage (rate per 100,000) (2009/10)	1,289	1,195	1,472 (England & Wales)	740 to 1,544
Domestic violence (rate per 100 households) (2009/10)	3.7	2.8	n/a	2.1 to 3.7
Youth offending team referrals (rate per 100,000 aged 10-17) (2010)	4,173	3,233	n/a	2,046 to 4,272
All pupils with Special Educational Needs (rate per 1000 pupils) (At January 2010)	282	213	211	153 to 282
GCSE Passes (% NOT getting 5 A*-C, including Maths and English) (School year 2009/10)	49%	43%	47% (includes private schools)	36% to 49%
Fixed exclusions (rate per 100 pupils) (School year 2009/10)	7.6	5.8	4.7	3.2 to 7.6
Distance to nearest GP (km) (January 2010)	2.4	2.4	n/a	2.0 to 2.9
Distance to nearest food store (km) (January 2010)	2.0	1.9	n/a	1.7 to 2.5
Council tax bands A to C (% of households) (March 2011)	73%	65%	66%	57% to 73%
Applications for housing on Homefinder (% of households) (Oct 2010/Jan 2011 varying by district)	10%	9%	8% (different time period and definition may be different)	7% to 11%
Job Seekers Allowance claimants (% working age population) (November 2011)	3.9%	2.6%	3.9%	2.0% to 3.9%
Income Support or Pension Credit claimants (%) (Nov 2011)	7.0%	6.2%	6.8%	4.9% to 7.6%
Adults receiving home care (rate per 1000 aged 18+) (March 2010)	9.2	9.6	n/a	8.4 to 10.9
Distance to nearest primary school (km) (January 2010)	1.3	1.2	n/a	1.1 to 1.8
Children in families claiming Income Support (% of those aged 0-18) (May 2010)	17.8%	11.0%	13.3%	7.1% to 17.8%
Social Services clients who are under 18 (rate per 1000 aged 0-17) (March 2010)	0.04	0.03	n/a	0.02 to 0.04
Pension Credit claimants (% of those aged 65 and over) (Nov 2011)	22.5%	19.8%	25.8%	18.3% to 22.5%
Attendance Allowance claimants (% of those aged 65 and over) (Nov 2011)	16.7%	16.8%	15.6% (Aug 11)	15.6% to 17.6%
Single pensioners claiming pension credits (% of those aged 65 and over) (Nov 2011)	16.8%	15.2%	20.0%	13.7% to 17.1%
Community services recipients aged 65+ (rate per 1000 aged 65+) (March 2011)	56	55	101 (2010/11)	17 to 72
Home care recipients aged 65 and over (rate per 1000 aged 65+) (March 2010)	26	27	n/a	17 to 37

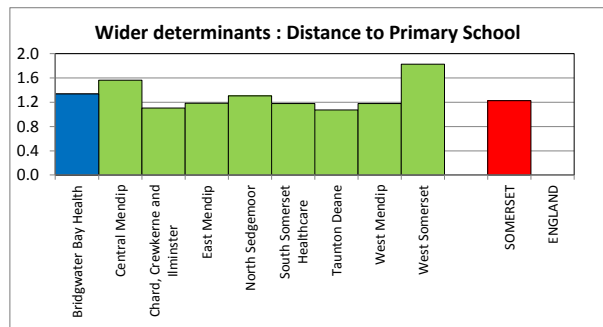
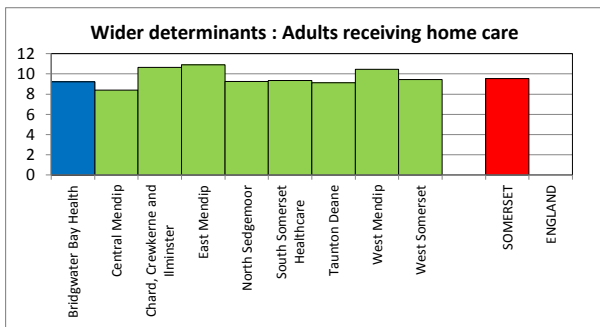
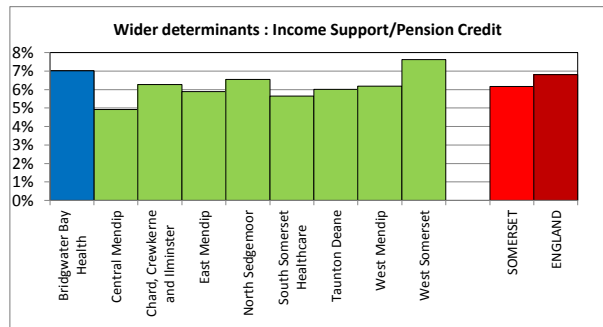
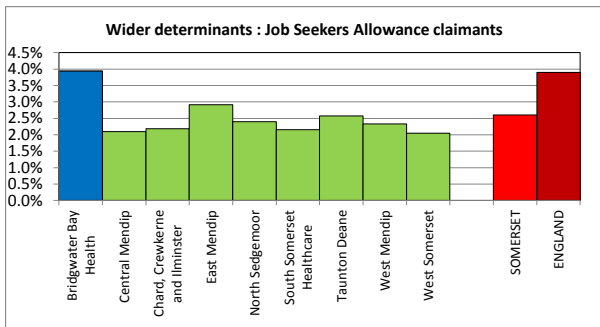
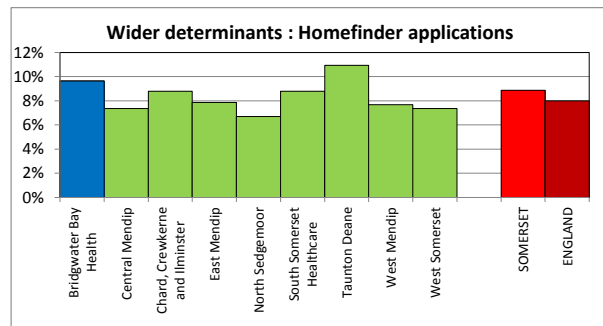
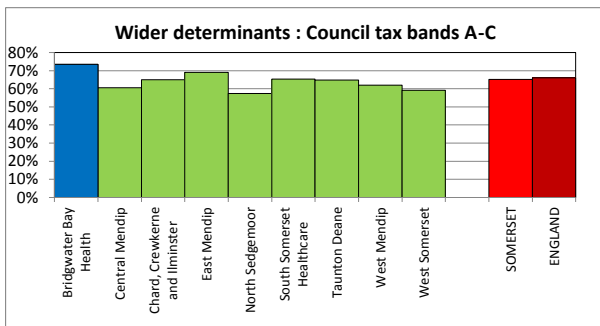
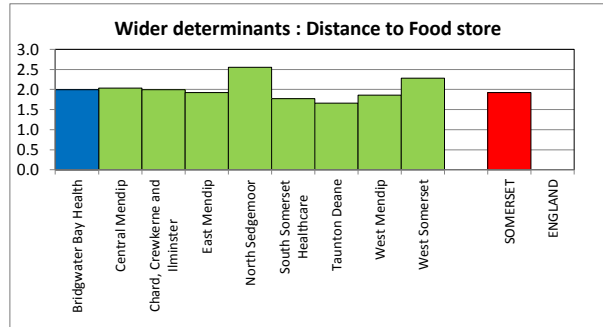
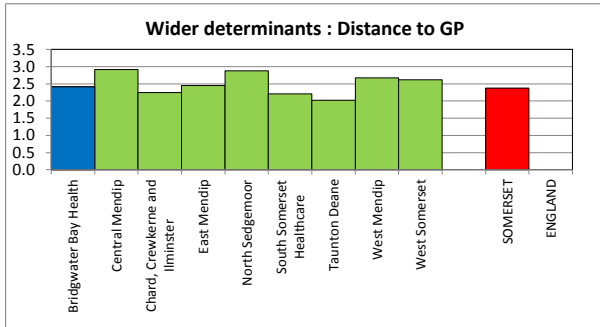
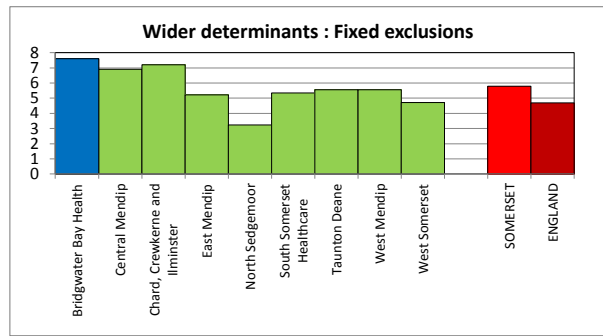
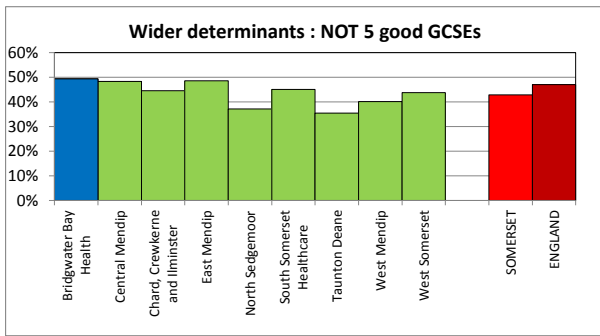


The Federation has the highest value in the county for:

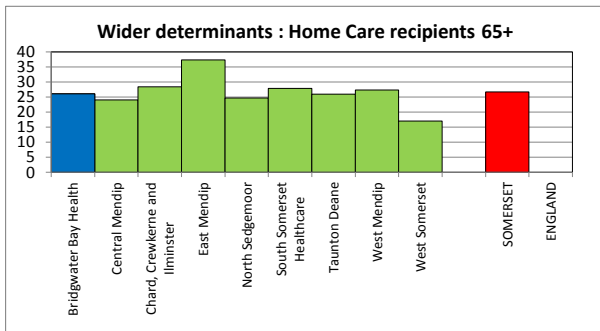
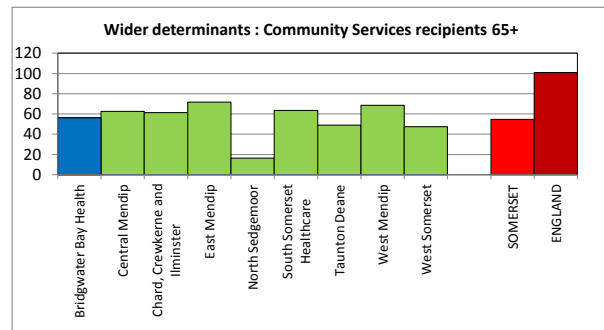
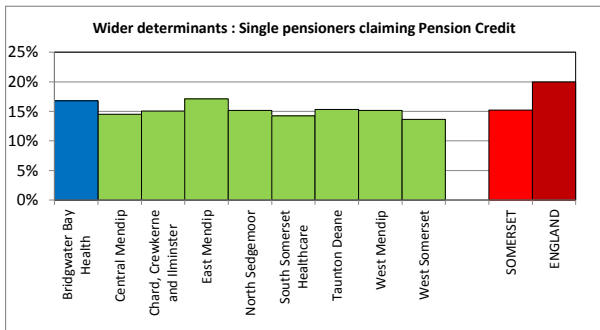
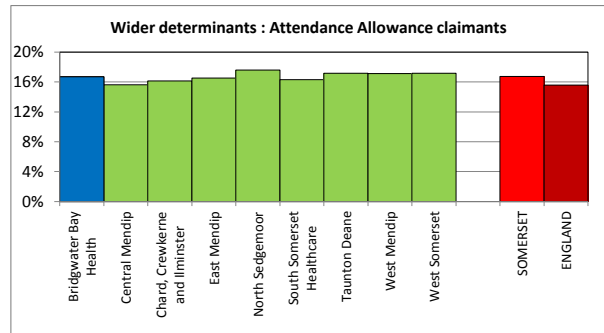
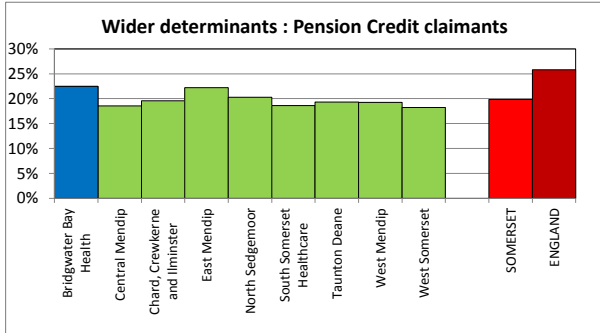
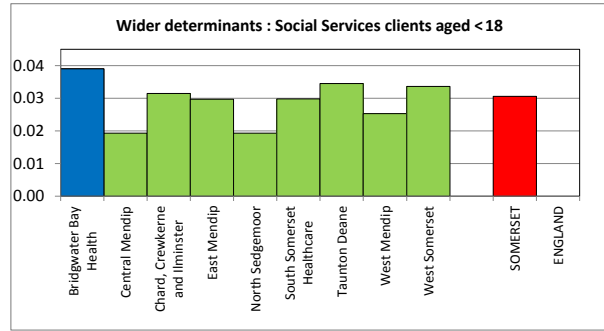
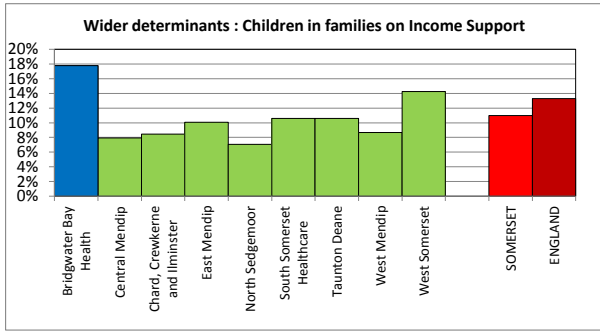
Domestic violence (rate per 100 households) All pupils with Special Educational Needs (rate per 1000 pupils) GCSE Passes (% NOT getting 5 A*-C, including Maths and English) Fixed exclusions (rate per 100 pupils) Council tax bands A to C (% of households) Job Seekers Allowance claimants (% working age population) Children in families claiming Income Support (% of those aged 0-18) Social Services clients who are under 18 (rate per 1000 aged 0-17) Pension Credit claimants (% of those aged 60 and over)



Bridgwater Bay Health



Bridgwater Bay Health



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.

Bridgwater has a high proportion of young people (<15) and a low proportion of older people (75+).

The prevalence of chronic kidney disease, chronic obstructive pulmonary disease, coronary heart disease, diabetes, stroke and thyroid conditions is higher than the Somerset average.

Levels of deprivation are high and the levels of some illnesses are potentially related to lifestyle issues such as the high level of smoking prevalence, obesity and alcohol related hospital admissions.

Potential issues for further consideration:

- Chronic kidney disease
- Coronary heart disease
- Hospital admissions (Diabetes: Elective and emergency)