

# Taunton Deane

## Federation profile

### Part of the SOMERSET JOINT STRATEGIC NEEDS ASSESSMENT

## Practices in Federation

Blackbrook Surgery  
College Way Surgery  
Creech Medical Centre  
Crown Medical Centre  
French Weir Health Centre  
Lister House Surgery  
Luson Surgery  
Lyngford Park Surgery  
North Curry Health Centre  
Quantock Vale Surgery  
St James Medical Centre  
Victoria Gate Surgery  
Warwick House Medical Centre  
Wellington Medical Centre (Bevan)  
Wellington Medical Centre (Rickard)

## 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:

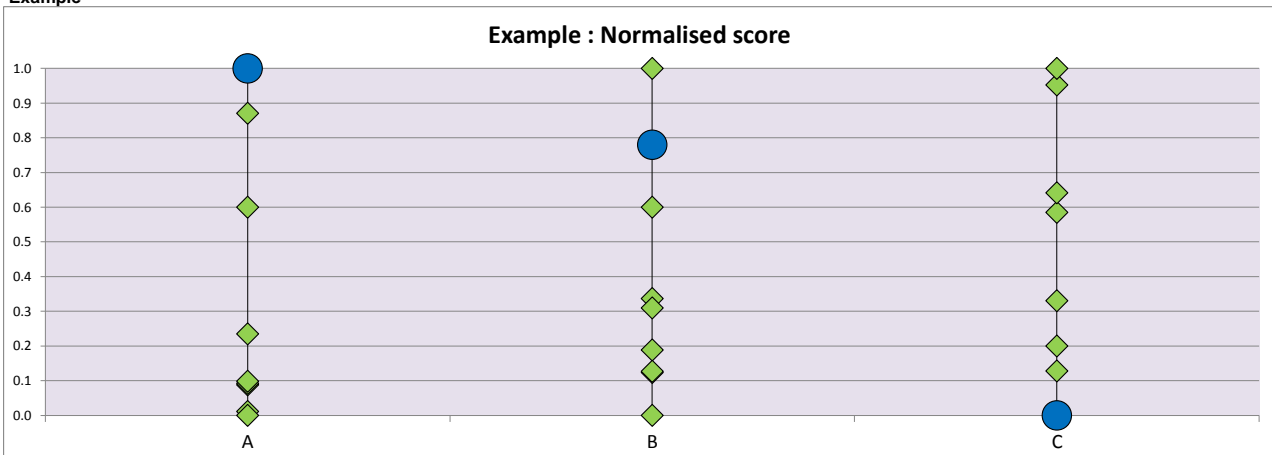
A value can be extreme (eg the "highest" or "lowest") without necessarily being statistically significantly different to the Somerset average.

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

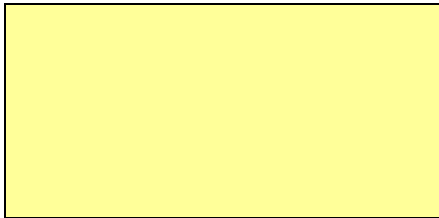


# Taunton Deane

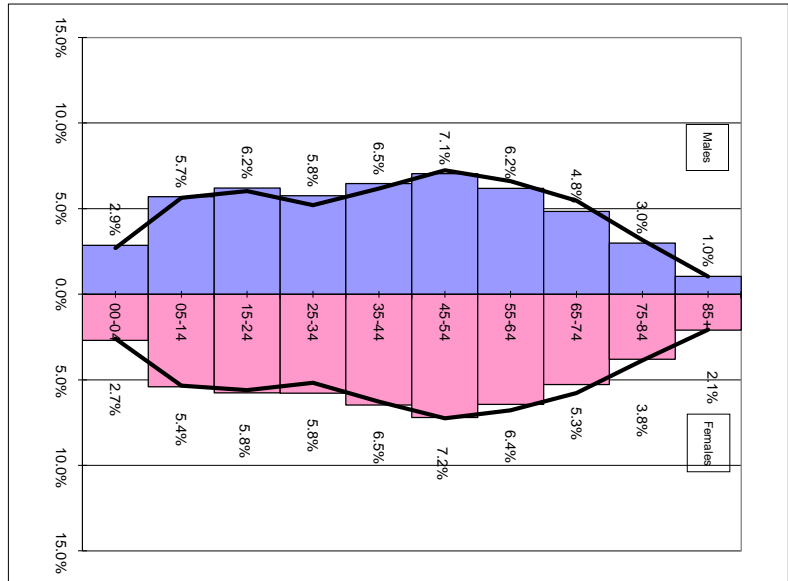
**Population at April 2012** 114,798

## Taunton Deane

Age Group	Males	Females
00-04	3,288	3,092
05-14	6,533	6,222
15-24	7,130	6,621
25-34	6,602	6,632
35-44	7,412	7,430
45-54	8,094	8,265
55-64	7,108	7,383
65-74	5,545	6,062
75-84	3,421	4,360
85+	1,193	2,405

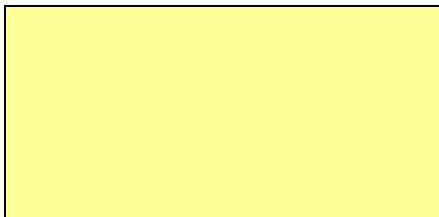


Age/sex Population pyramid. Solid line represents Somerset as a whole. Data from Exeter system download of GP registered patients.



## 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	18%	17%	20%	15% to 18%

The Federation has the highest value in the county for:  
Female 15-44

## Taunton Deane

**ASTRO-PUs at April 2012**

**749,188**

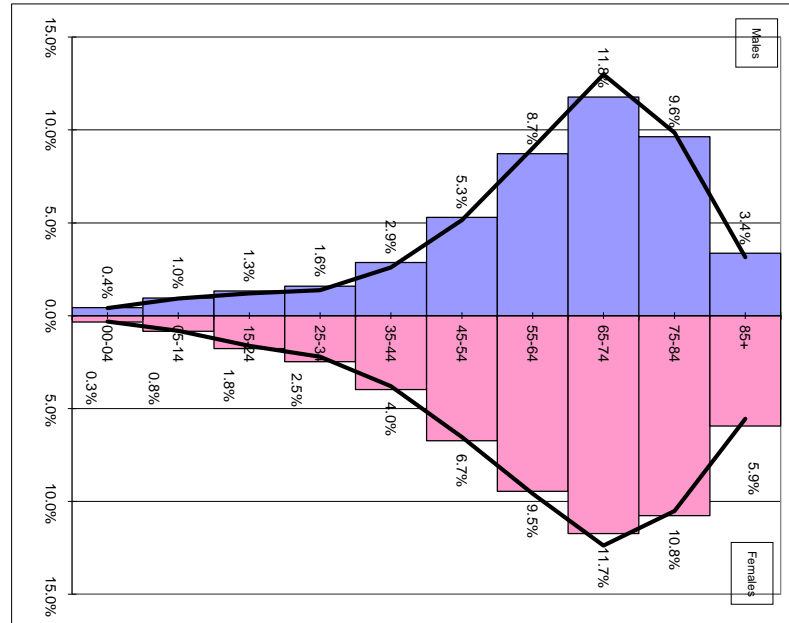
Age/Sex ASTRO-PU pyramid  
 Solid line represents Somerset as a whole.  
 Data from Exeter system download of GP registered patients.

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.

### Taunton Deane

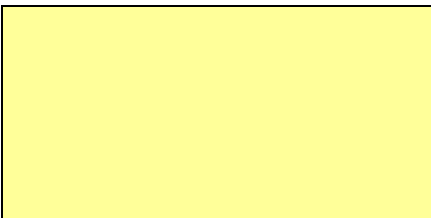
Age Group	Males	Females
00-04	3,288	2,474
05-14	7,186	6,222
15-24	9,982	13,242
25-34	11,884	18,570
35-44	21,495	29,720
45-54	39,661	50,417
55-64	65,394	70,877
65-74	88,166	87,899
75-84	72,183	80,660
85+	25,172	44,493
Temporary residents	206	

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?

# Taunton Deane

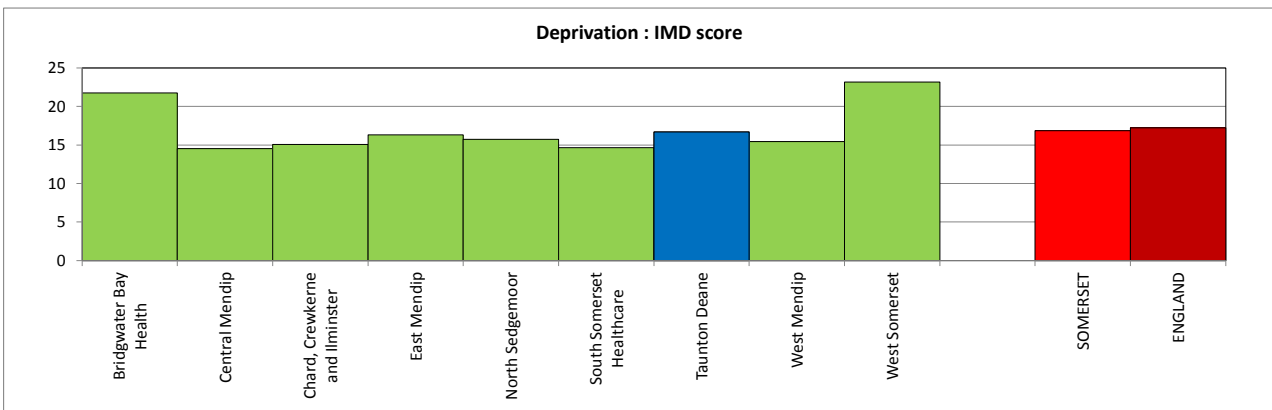
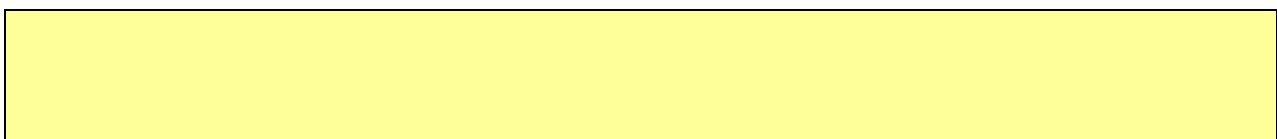
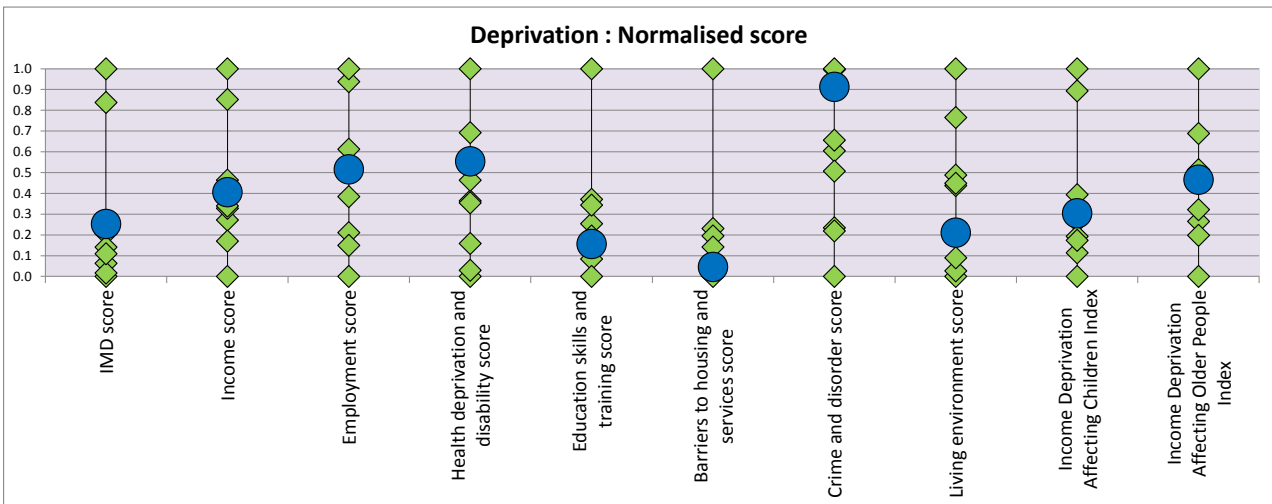
## Deprivation

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	16.7	16.8	17.2	14.5 to 23.2
Income score	0.11	0.11	0.11	0.09 to 0.14
Employment score	0.09	0.08	0.08	0.07 to 0.10
Health deprivation and disability score	-0.12	-0.22	-0.02	-0.48 to 0.17
Education skills and training score	17.3	19.3	16.1	15.0 to 29.6
Barriers to housing and services score	23.4	24.6	20.2	22.6 to 40.7
Crime and disorder score	-0.27	-0.39	0.01	-0.69 to -0.23
Living environment score	17.2	18.8	16.9	15.0 to 25.3
Income Deprivation Affecting Children Index	0.14	0.15	0.15	0.11 to 0.20
Income Deprivation Affecting Older People Index	0.14	0.14	0.17	0.12 to 0.16

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



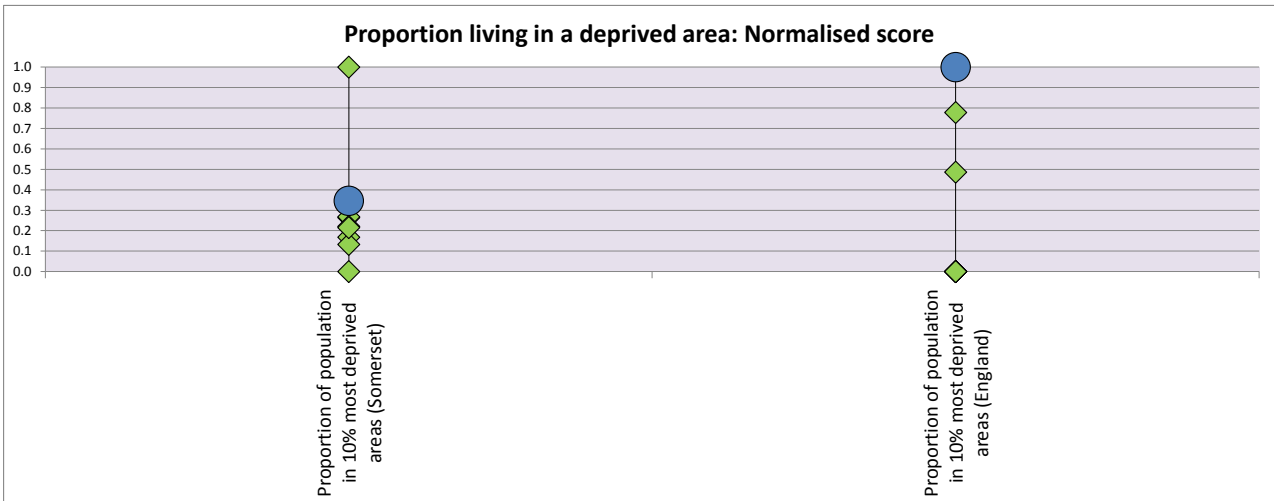
## Taunton Deane

### People living in deprived areas

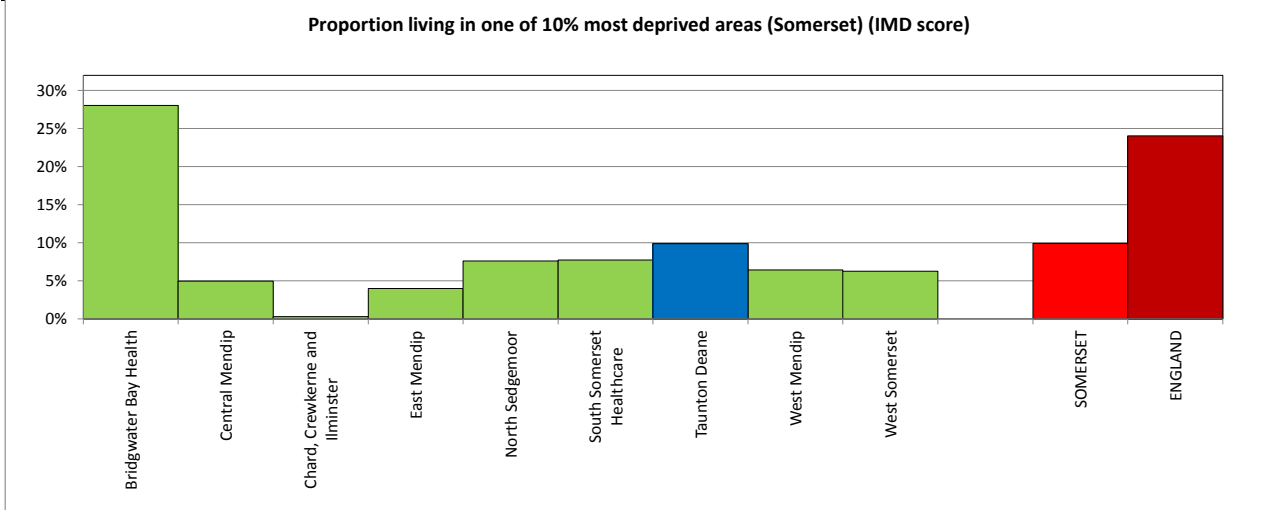
Proportion of Somerset patients registered with the practices in the Federation who live in one of the 10% most deprived areas of Somerset. Deprivation measured using the Index of Multiple Deprivation 2010. Calculated for Federation populations in April 2012.

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



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



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?



**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).

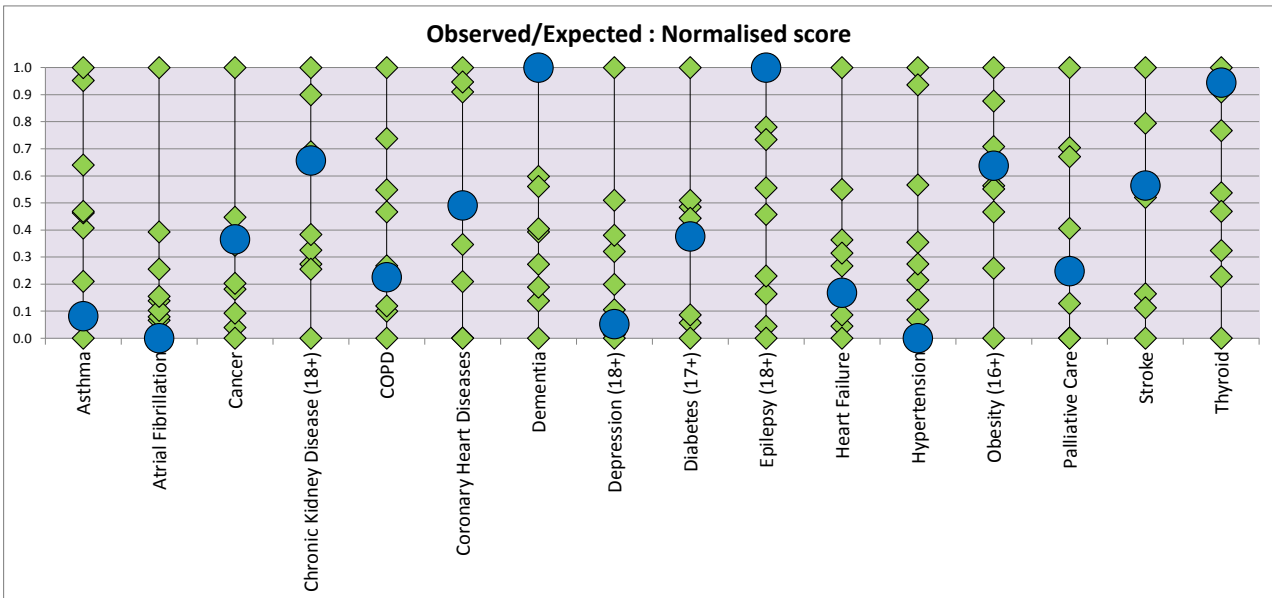
Observed values are from Quality Outcome Framework data and expected values based on NHS Information Centre models

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	6,943	10,507	0.7	0.7	0.7	0.7 to 0.7
Atrial Fibrillation	2,069	1,785	1.2	1.2	1.1	1.2 to 1.4
Cancer	2,386	963	2.5	2.4	2.2	2.3 to 2.8
Chronic Kidney Disease (18+)	5,065	9,367	0.5	0.5	0.5	0.4 to 0.6
COPD	1,787	2,118	0.8	0.9	1.0	0.8 to 1.1
Coronary Heart Diseases	4,155	5,873	0.7	0.7	0.8	0.6 to 0.8
Dementia	850	1,703	0.5	0.4	0.4	0.3 to 0.5
Depression (18+)	11,454	8,056	1.4	1.5	1.3	1.4 to 1.8
Diabetes (17+)	4,852	6,787	0.7	0.7	0.8	0.7 to 0.8
Epilepsy (18+)	844	805	1.0	0.9	0.9	0.8 to 1.0
Heart Failure	852	2,096	0.4	0.4	0.5	0.4 to 0.5
Hypertension	16,560	30,315	0.5	0.6	0.6	0.5 to 0.6
Obesity (16+)	9,822	21,567	0.5	0.4	0.5	0.4 to 0.5
Palliative Care	205	1,435	0.1	0.2	0.2	0.1 to 0.2
Stroke	2,469	2,528	1.0	1.0	0.9	0.9 to 1.1
Thyroid	4,379	2,528	1.7	1.6	1.6	1.4 to 1.8



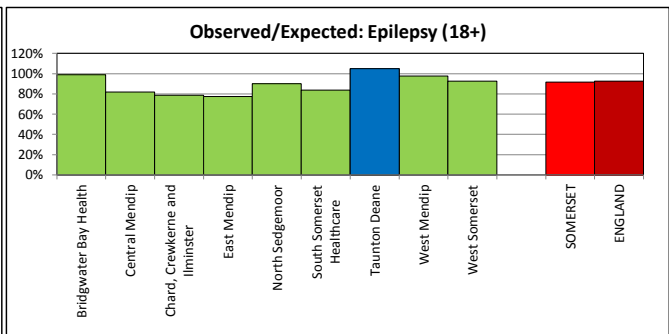
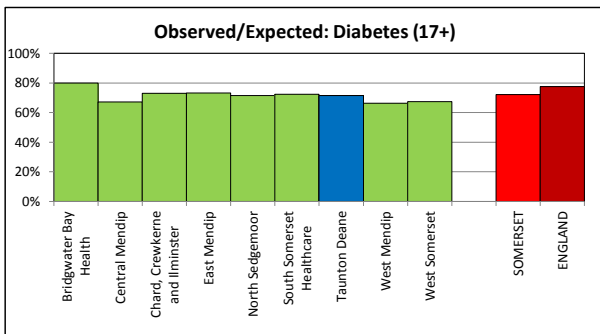
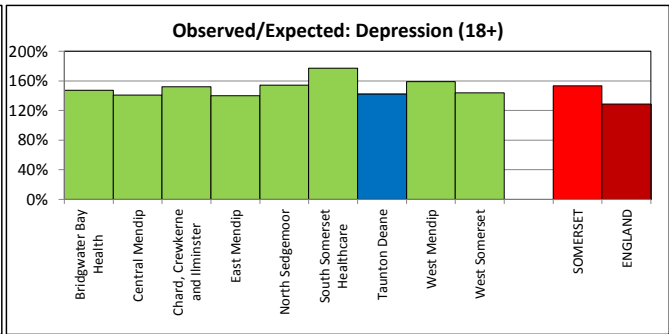
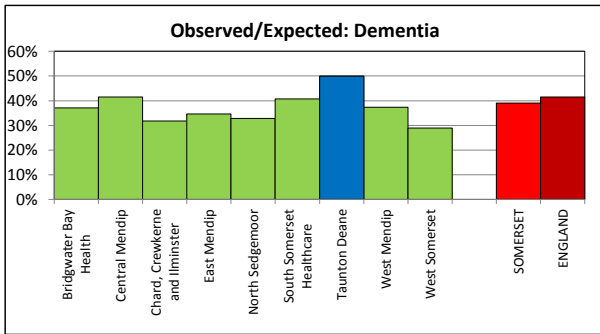
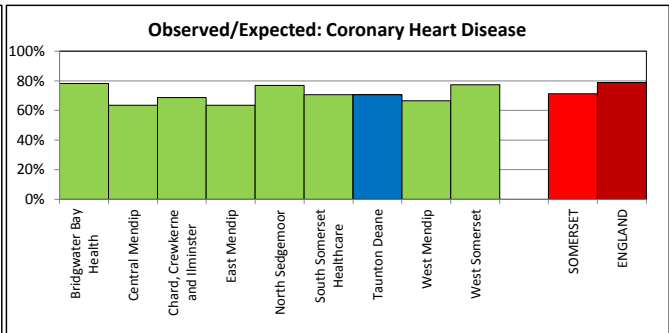
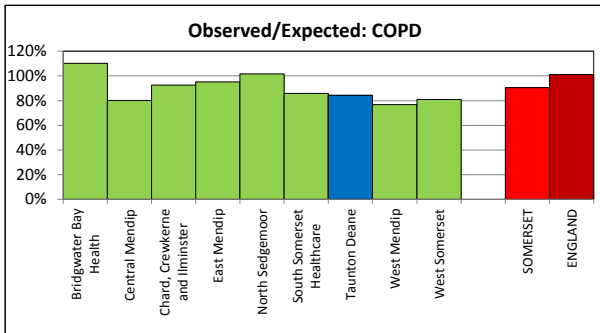
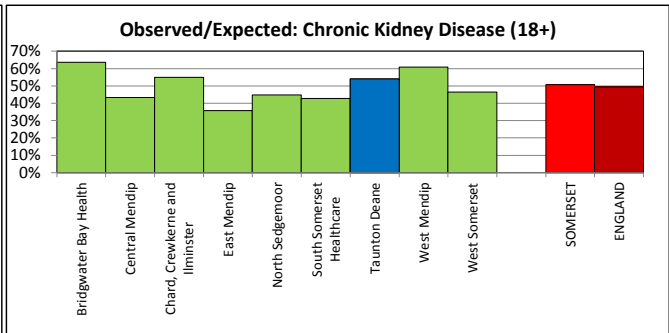
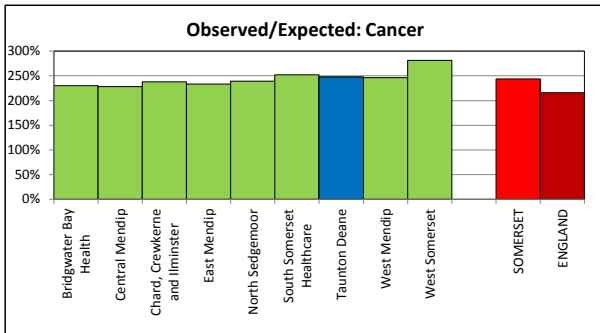
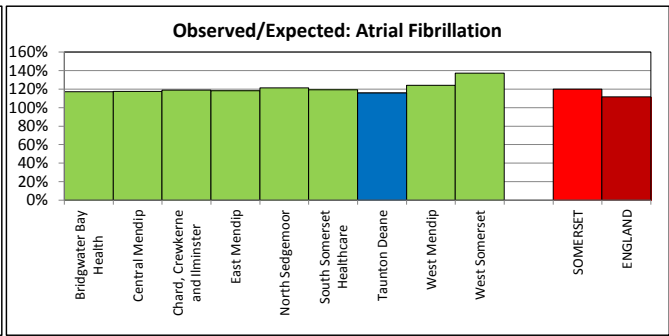
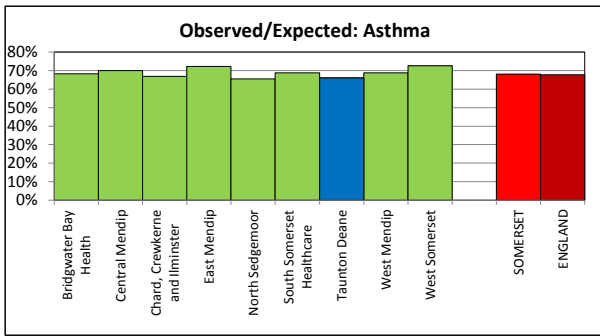
**The Federation has the highest value in the county for:**

Dementia Epilepsy (18+)

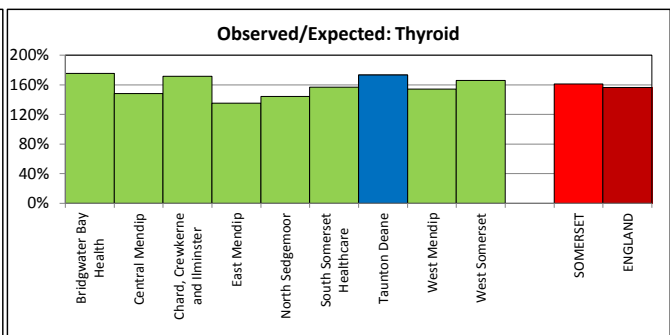
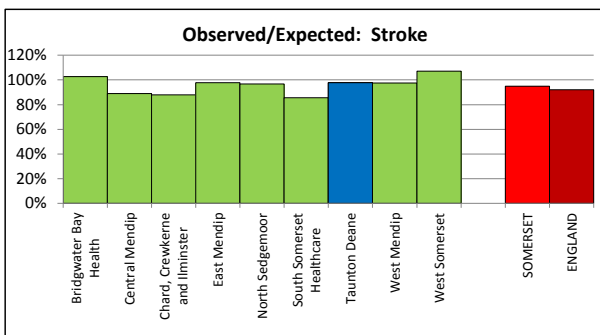
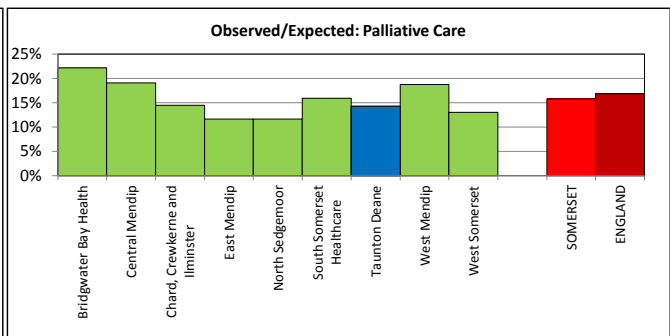
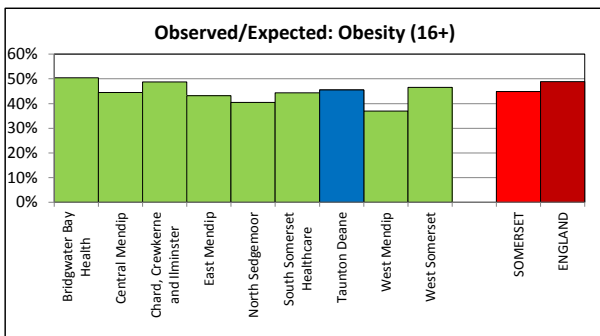
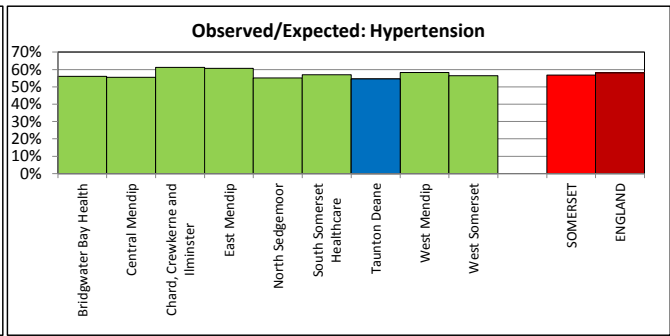
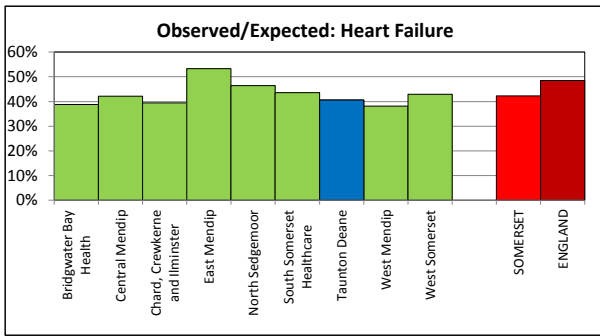
**The Federation has the lowest value in the county for:**

Atrial Fibrillation Hypertension

# Taunton Deane



# Taunton Deane



# Taunton Deane

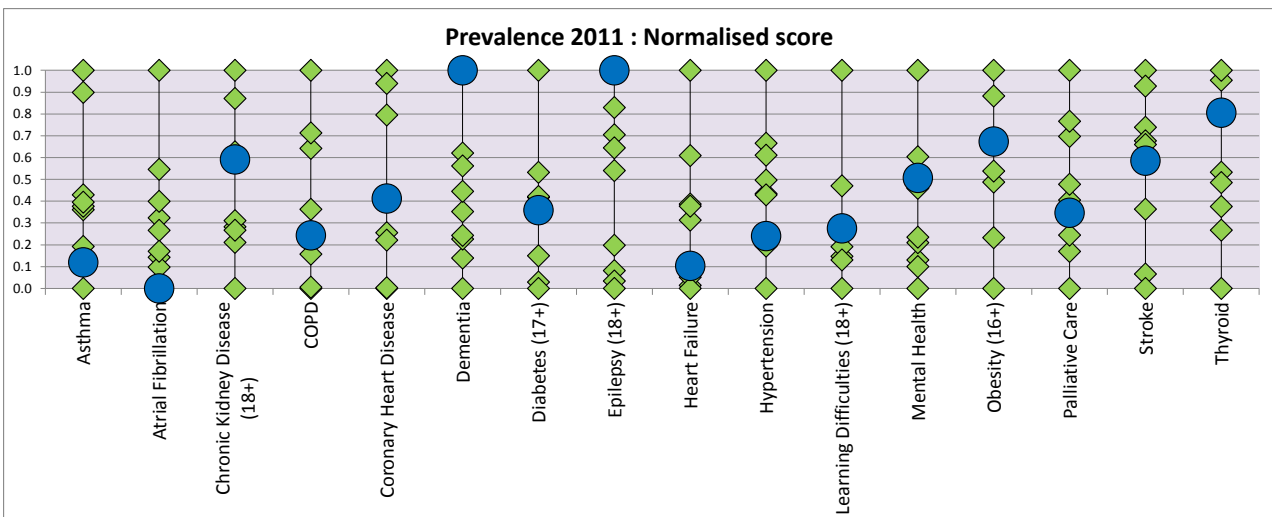
**Prevalence rate**  
(rate per 1000 population)

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	7,062	7,256	62.0	63.7	63.2	61.1 to 68.6
Atrial Fibrillation	2,093	2,187	19.0	19.9	19.1	19.0 to 22.5
Chronic Kidney Disease (18+)	5,077	4,829	57.4	54.6	56.1	39.7 to 69.7
COPD	1,811	1,913	16.8	17.7	21.1	15.3 to 21.4
Coronary Heart Disease	4,180	4,245	38.5	39.1	44.8	35.3 to 43.1
Dementia	844	669	7.4	5.9	6.7	4.4 to 7.4
Diabetes (17+)	4,835	4,899	54.6	55.3	68.2	50.7 to 61.6
Epilepsy (18+)	858	754	9.5	8.3	8.3	7.1 to 9.5
Heart Failure	859	909	7.7	8.2	9.6	7.4 to 10.1
Hypertension	16,538	17,104	152	157	172.7	145 to 173
Learning Difficulties (18+)	457	450	4.9	4.9	4.3	3.3 to 9.2
Mental Health	843	767	7.5	6.8	8.7	5.3 to 9.5
Obesity (16+)	9,553	9,366	104	102	117.2	86 to 113
Palliative Care	201	224	1.8	2.0	2.2	1.3 to 2.9
Stroke	2,483	2,445	22.5	22.2	22.6	19.8 to 24.4
Thyroid	4,373	4,123	39.5	37.3	36.6	29.8 to 41.9



**Significantly higher than county average for:**

Chronic Kidney Disease (18+) Dementia Epilepsy (18+) Thyroid

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

Dementia Epilepsy (18+)

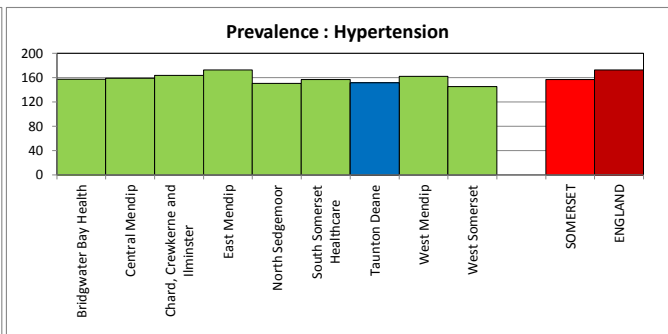
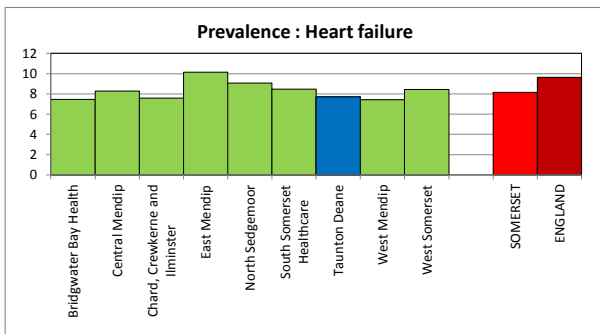
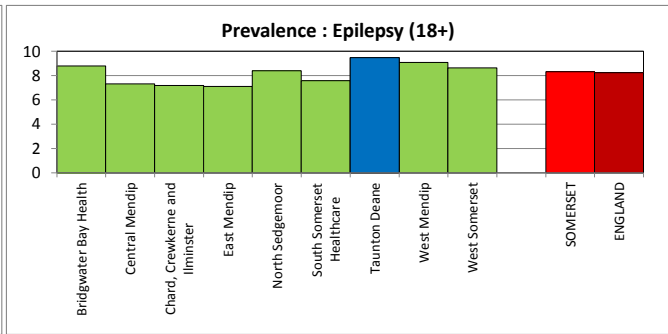
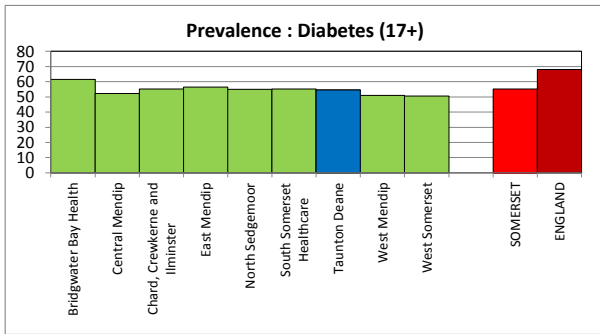
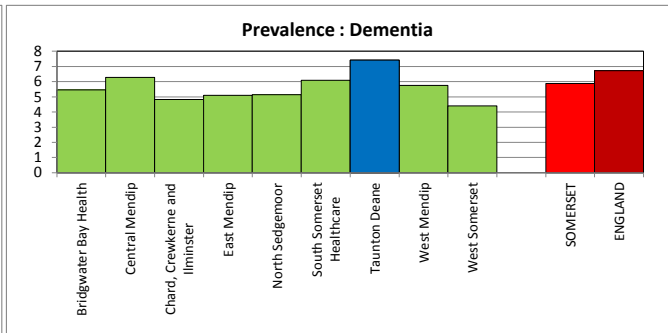
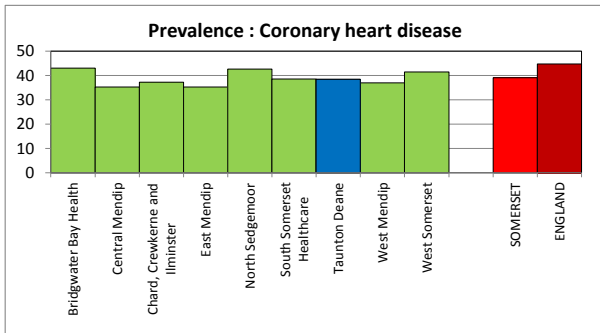
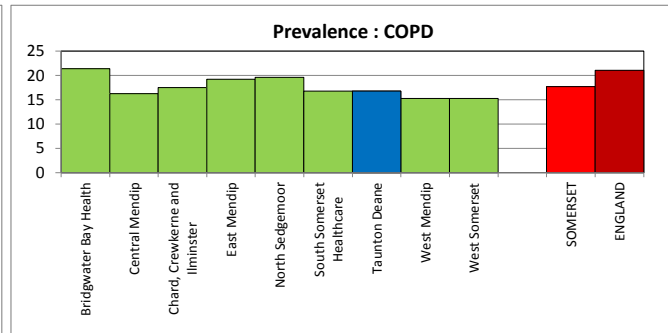
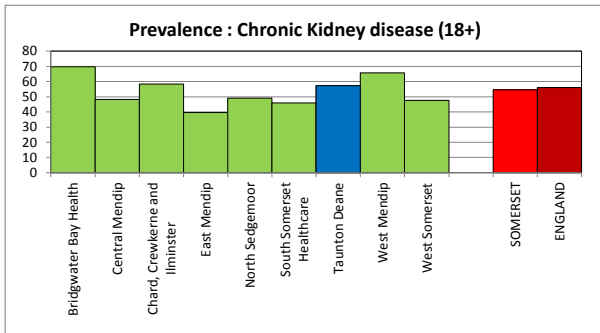
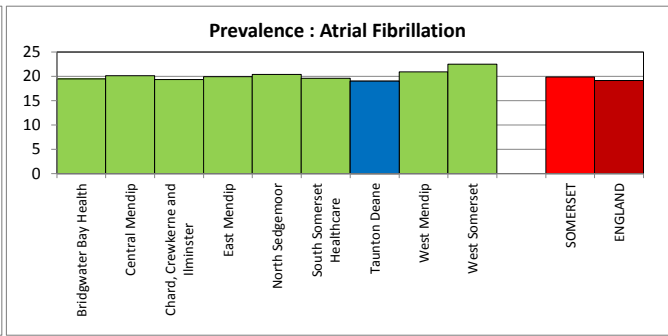
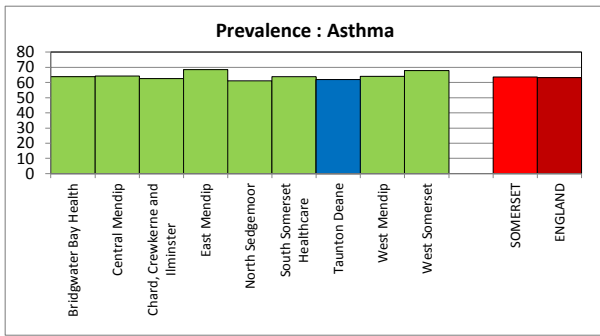
**Significantly lower than county average for:**

Hypertension

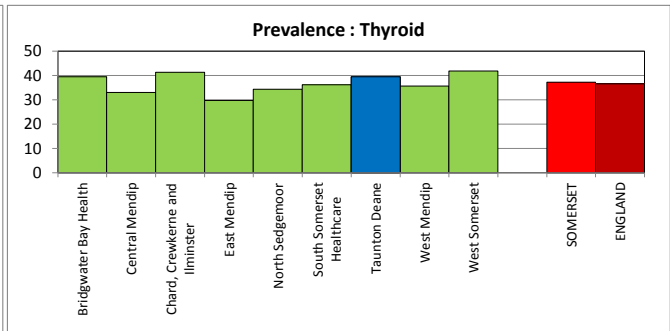
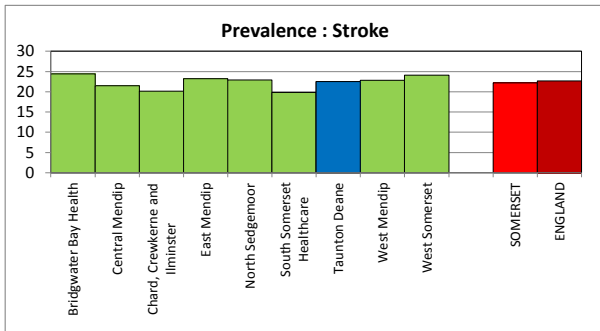
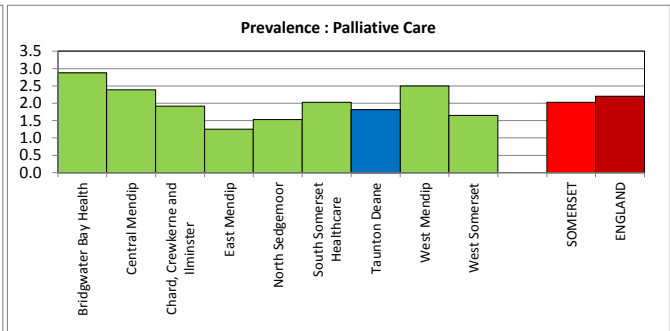
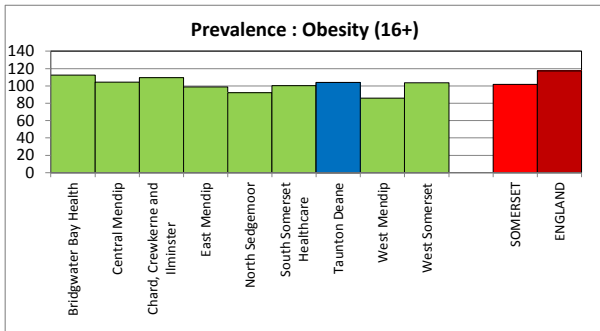
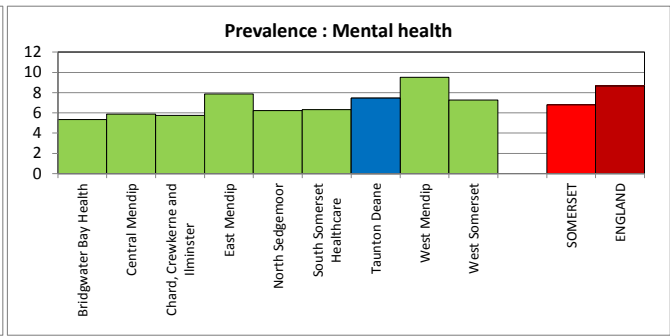
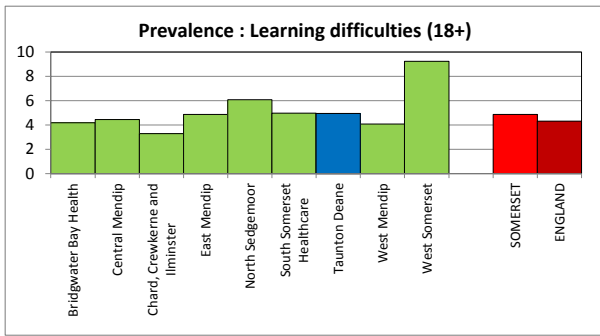
**The Federation has the lowest value in the county for:**

Atrial Fibrillation

# Taunton Deane



# Taunton Deane



• 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?

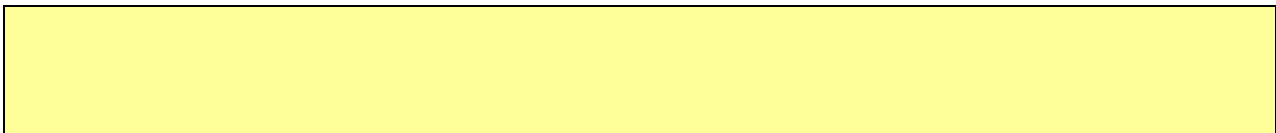
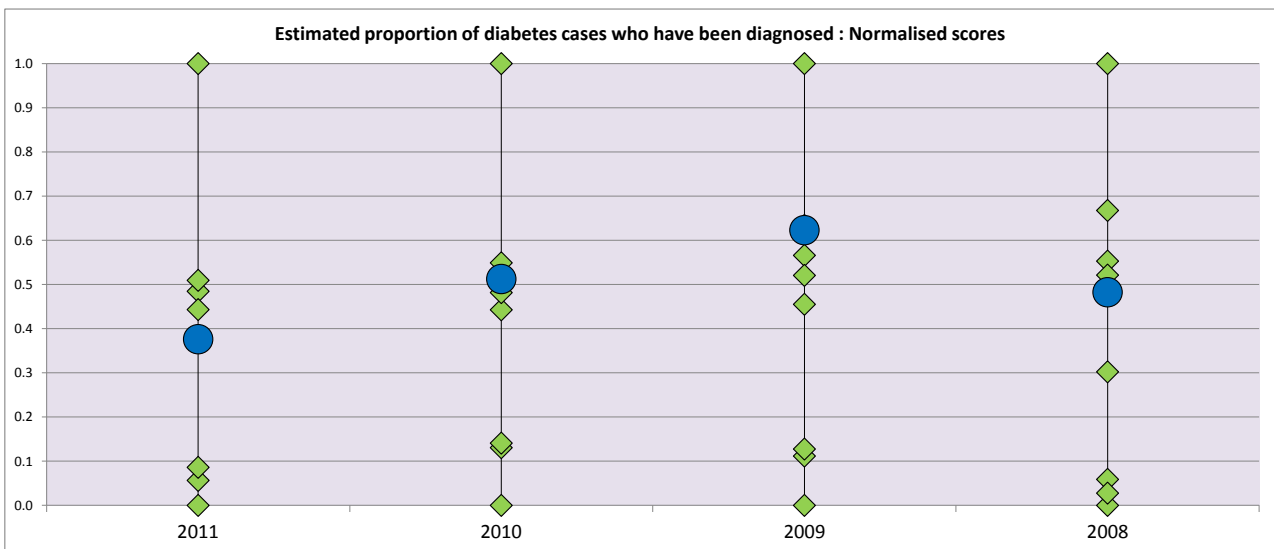
## Taunton Deane

### 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	4,852	24,405	2,455,937	
	Expected number on register	6,787	33,771	3,166,556	
	Proportion of expected on register	71.5%	72.3%	77.6%	66.3% to 80.0%
2010	Observed number on register	4,671	23,099	2,338,813	
	Expected number on register	6,729	33,440	3,099,853	
	Proportion of expected on register	69.4%	69.1%	75.4%	62.3% to 76.2%
2009	Observed number on register	4,494	21,888	2,213,138	
	Expected number on register	6,482	32,170	3,034,972	
	Proportion of expected on register	69.3%	68.0%	72.9%	60.2% to 74.9%
2008	Observed number on register	4,162	20,575	2,088,335	
	Expected number on register	5,703	28,208	2,483,789	
	Proportion of expected on register	73.0%	72.9%	84.1%	66.5% to 79.9%



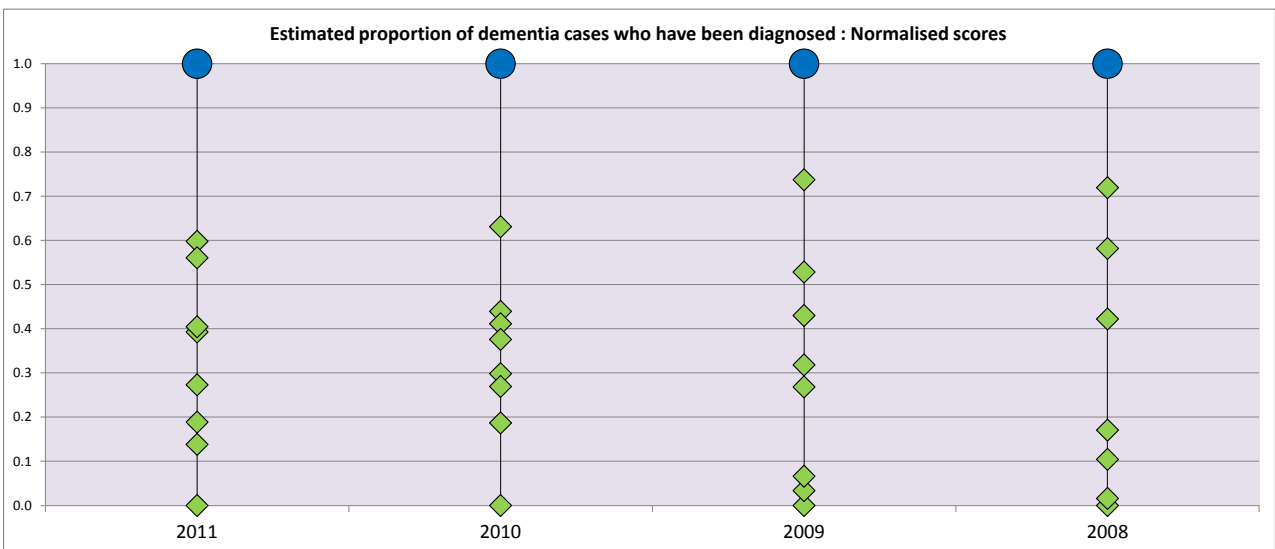
## Taunton Deane

### 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	850	3,211	266,697	
	Expected number on register	1,703	8,224	642,741	
	Proportion of expected on register	49.9%	39.0%	41.5%	28.8% to 49.9%
2010	Observed number on register	778	2,892	249,463	
	Expected number on register	1,680	8,088	635,696	
	Proportion of expected on register	46.3%	35.8%	39.2%	26.7% to 46.3%
2009	Observed number on register	697	2,566	232,430	
	Expected number on register	1,581	7,678	591,848	
	Proportion of expected on register	44.1%	33.4%	39.3%	25.2% to 44.1%
2008	Observed number on register	647	2,425	220,246	
	Expected number on register	1,562	7,588	587,316	
	Proportion of expected on register	41.4%	32.0%	37.5%	23.2% to 41.4%



The Federation has the highest value in the county for:

2011 2010 2009 2008



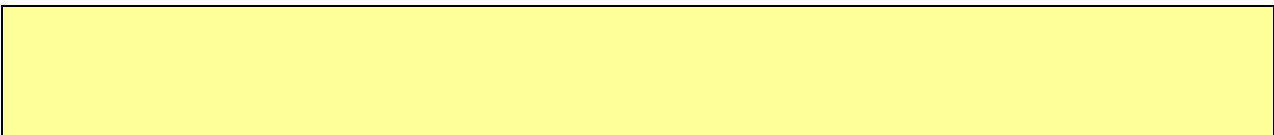
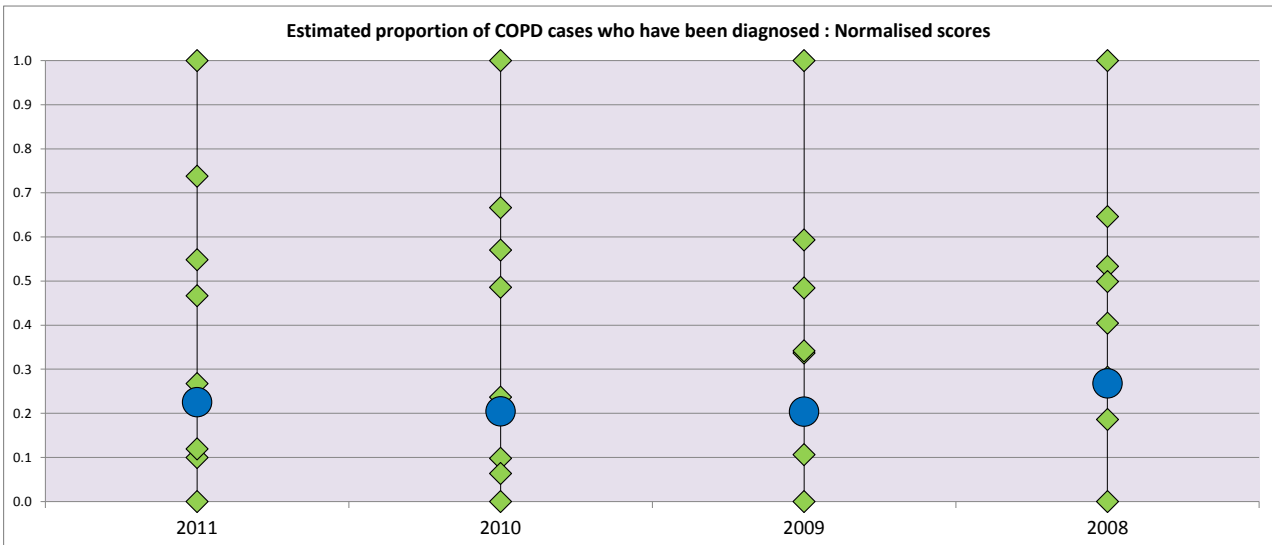
# Taunton Deane

**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	1,787	9,487	898,989	
	Expected number on register	2,118	10,490	888,795	
	Proportion of expected on register	84.4%	90.4%	101.1%	76.8% to 110.4%
2010	Observed number on register	1,714	9,105	861,341	
	Expected number on register	2,094	10,345	916,143	
	Proportion of expected on register	81.9%	88.0%	94.0%	75.2% to 107.8%
2009	Observed number on register	1,626	8,748	834,312	
	Expected number on register	2,919	14,360	1,494,645	
	Proportion of expected on register	55.7%	60.9%	55.8%	48.9% to 82.1%
2008	Observed number on register	1,540	8,296	799,772	
	Expected number on register	2,884	14,238	1,486,927	
	Proportion of expected on register	53.4%	58.3%	53.8%	44.6% to 77.5%



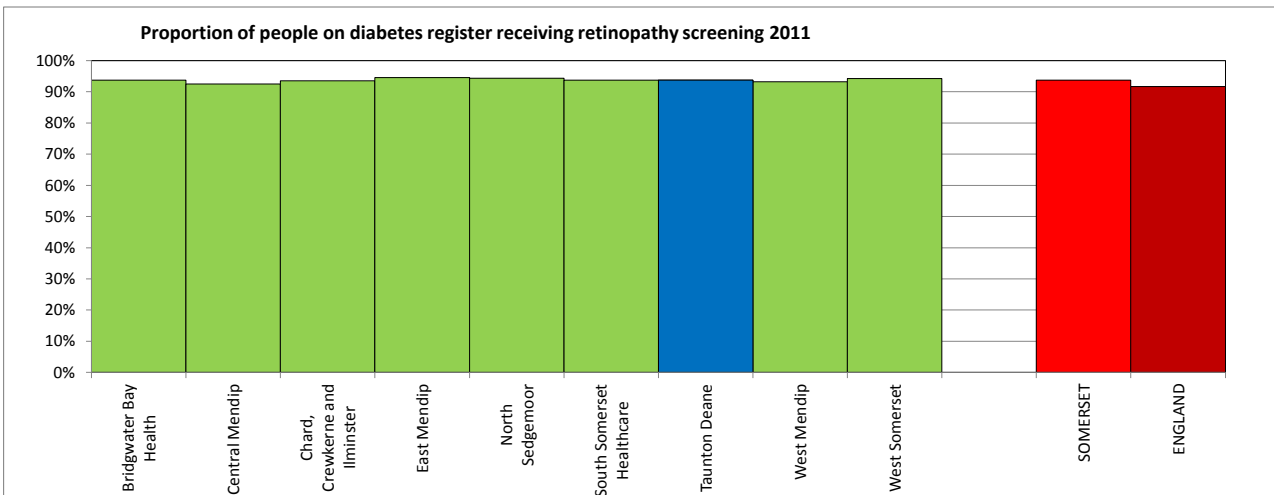
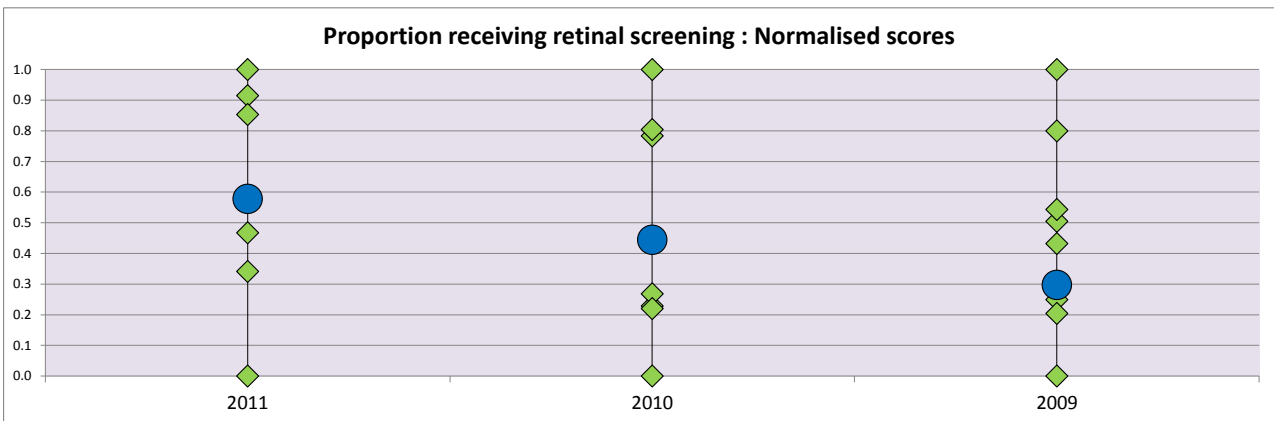
# Taunton Deane

## 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	4,175	21,377	2,087,997	
	Number of patients on diabetes register	4,455	22,802	2,278,610	
	% screened	93.7%	93.8%	91.6%	92.5% to 94.6%
2010	Number receiving screening	4,032	20,042	1,958,540	
	Number of patients on diabetes register	4,316	21,446	2,154,189	
	% screened	93.4%	93.5%	90.9%	92.5% to 94.5%
2009	Number receiving screening	3,817	18,891	1,864,179	
	Number of patients on diabetes register	4,115	20,278	2,051,096	
	% screened	92.8%	93.2%	92.9%	91.5% to 95.6%



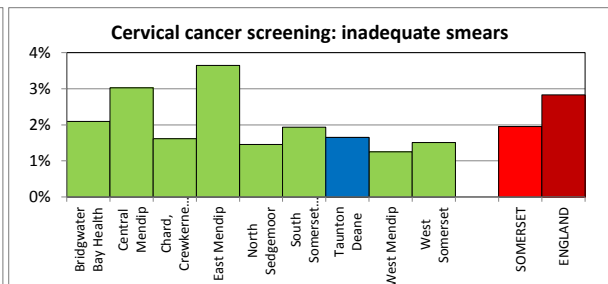
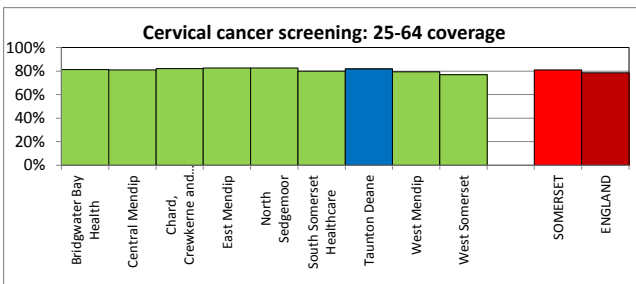
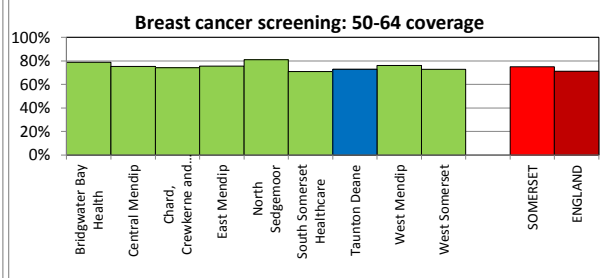
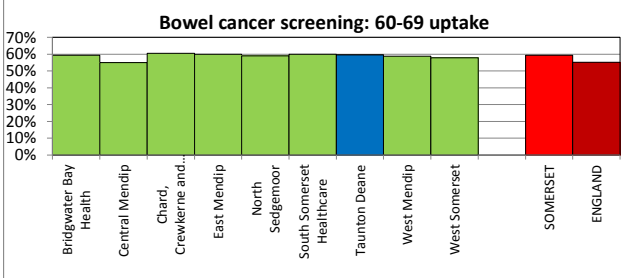
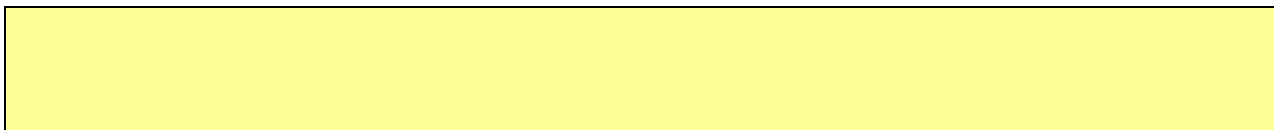
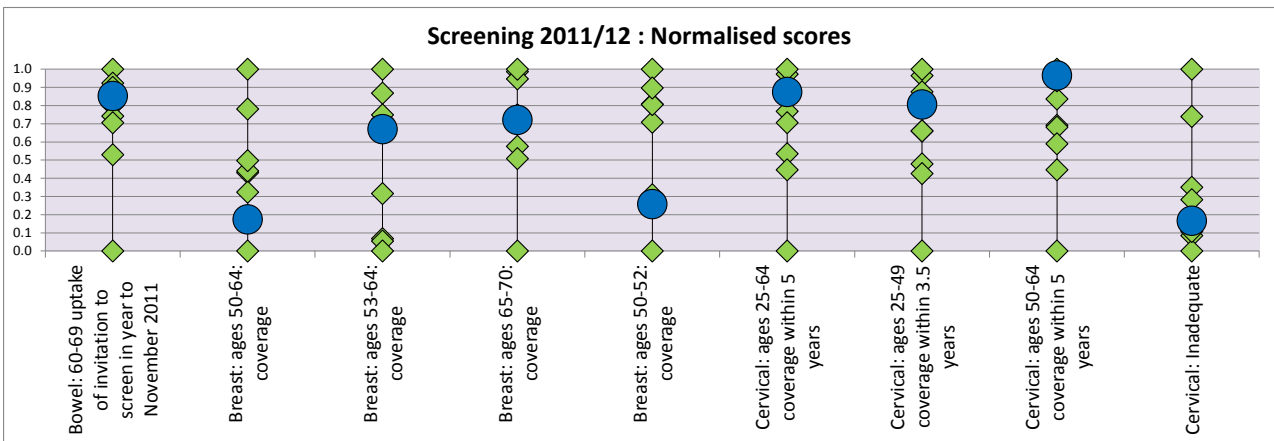
# Taunton Deane

## 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

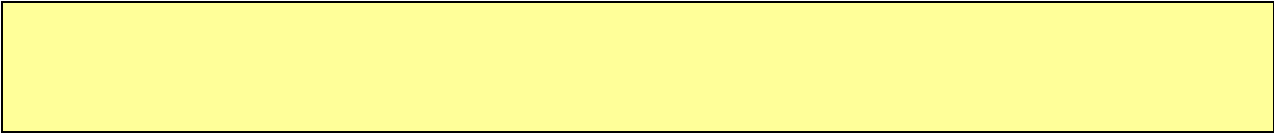
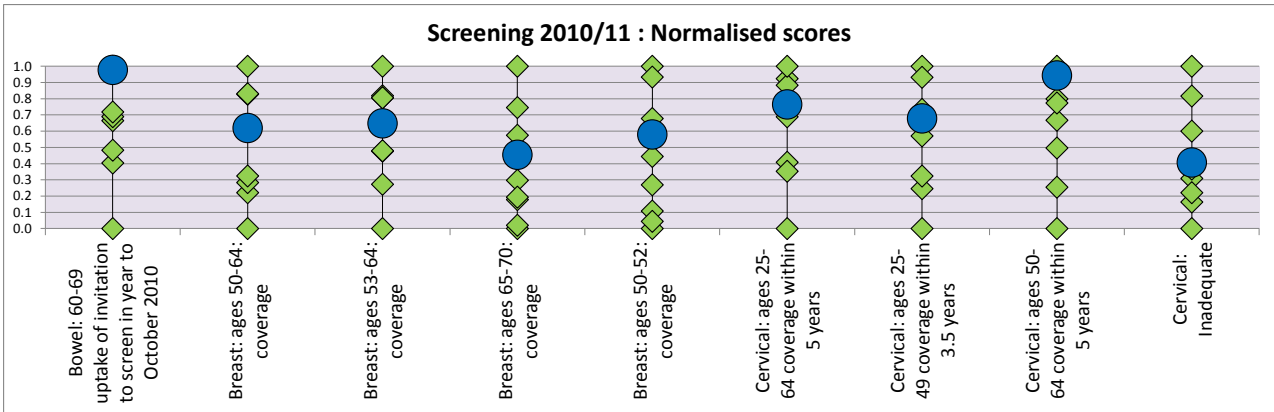
Condition	Federation	Somerset	England (2010/11 for breast and cervical)	Range of Federation values
Bowel: 60-69 uptake of invitation to screen in year to November 2011	59.6%	59.3%	55.2%	54.9% to 60.4%
Breast: ages 50-64: coverage	72.8%	74.9%	71.1%	71.0% to 81.1%
Breast: ages 53-64: coverage	81.2%	80.8%	77.4%	77.3% to 83.2%
Breast: ages 65-70: coverage	80.7%	80.8%	76.7%	76.5% to 82.4%
Breast: ages 50-52: coverage	41.7%	52.0%	48.7%	29.8% to 75.9%
Cervical: ages 25-64 coverage within 5 years	81.9%	81.0%	78.6%	76.8% to 82.6%
Cervical: ages 25-49 coverage within 3.5 years	77.5%	76.5%	73.7%	71.0% to 79.1%
Cervical: ages 50-64 coverage within 5 years	81.0%	80.0%	78.0%	76.8% to 81.2%
Cervical: Inadequate	1.7%	1.9%	2.8%	1.3% to 3.6%



# Taunton Deane

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	75.1%	74.1%	71.1%	66.0% to 80.7%
Breast: ages 53-64: coverage	81.4%	81.4%	77.4%	77.1% to 83.7%
Breast: ages 65-70: coverage	80.3%	80.2%	76.7%	78.3% to 82.8%
Breast: ages 50-52: coverage	51.5%	45.3%	48.7%	23.1% to 72.1%
Cervical: ages 25-64 coverage within 5 years	81.8%	81.1%	78.6%	77.1% to 83.2%
Cervical: ages 25-49 coverage within 3.5 years	77.6%	76.9%	73.7%	73.0% to 79.8%
Cervical: ages 50-64 coverage within 5 years	81.5%	80.3%	78.0%	77.0% to 81.8%
Cervical: Inadequate	2.9%	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?

# Taunton Deane

## Life expectancy 2007-11

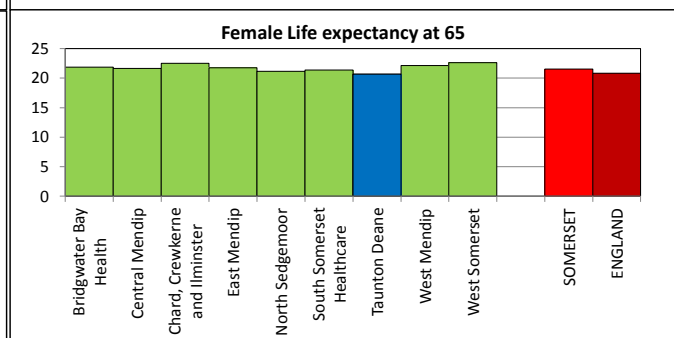
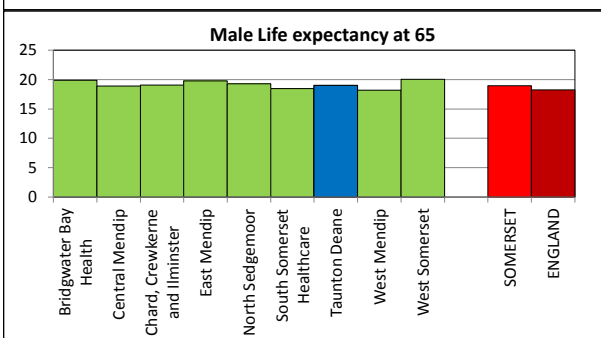
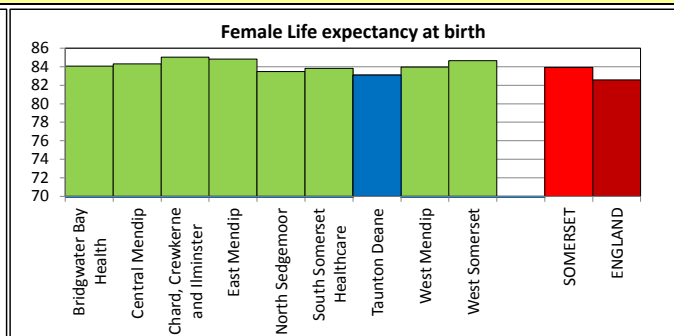
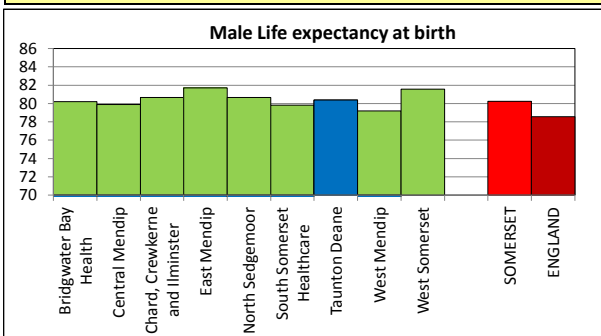
Life expectancy based on deaths from ONS annual mortality extract 2007-10 and ONS Primary Care Mortality Database 2011 and population estimates from the Exeter system

	Federation	Somerset	England (2008-10)	Range of Federation values
Males at birth	80.4	80.2	78.6	79.2 to 81.7
Females at birth	83.1	83.9	82.6	83.1 to 85.0
Males at age 65	19.0	19.0	18.2	18.2 to 20.1
Females at age 65	20.7	21.5	20.8	20.7 to 22.6
Proportion of deaths occurring before age 65	12%	13%	17%	11.4% to 17.0%



**Significantly lower than county average for:**  
Females at birth    Females at age 65

**The Federation has the lowest value in the county for:**  
Females at birth    Females at age 65



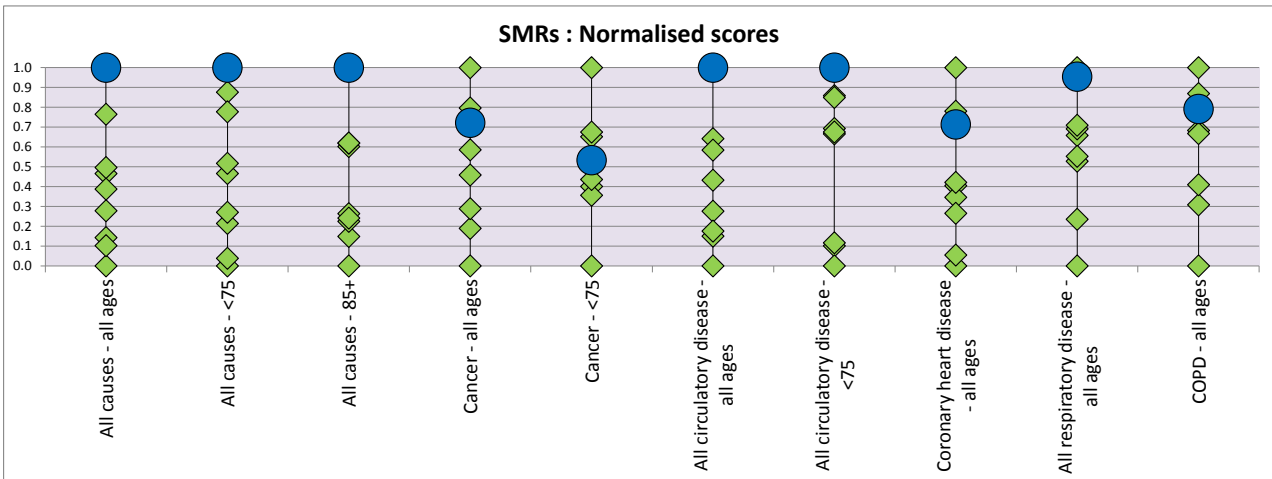
# Taunton Deane

## 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	6,185	5,615	110%	100%		90% to 110%
All causes - <75	1,574	1,452	108%	100%		89% to 108%
All causes - 85+	2,695	2,449	110%	100%		90% to 110%
Cancer - all ages	1,548	1,509	103%	100%		89% to 108%
Cancer - <75	628	628	100%	100%		86% to 112%
All circulatory disease - all ages	1,938	1,824	106%	100%		91% to 106%
All circulatory disease - <75	361	334	108%	100%		85% to 108%
Coronary heart disease - all ages	813	767	106%	100%		87% to 114%
All respiratory disease - all ages	770	718	107%	100%		83% to 108%
COPD - all ages	257	244	105%	100%		72% to 114%



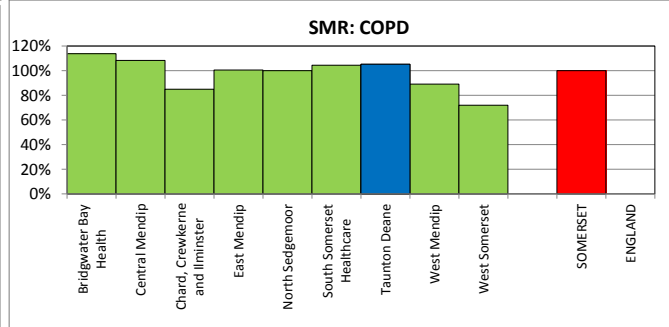
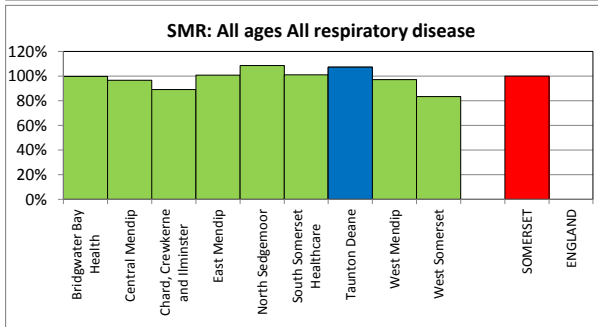
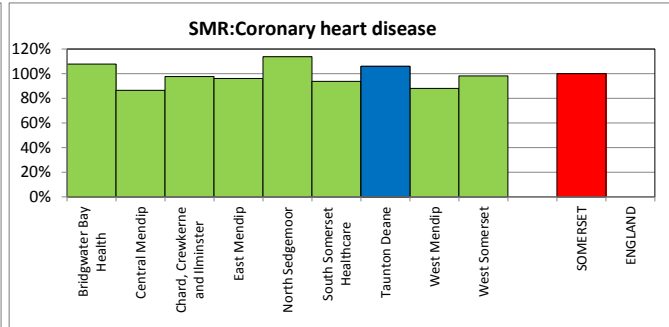
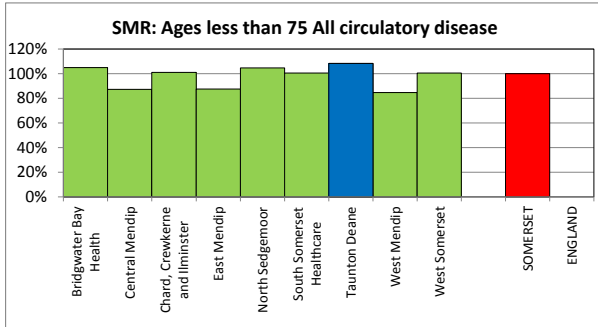
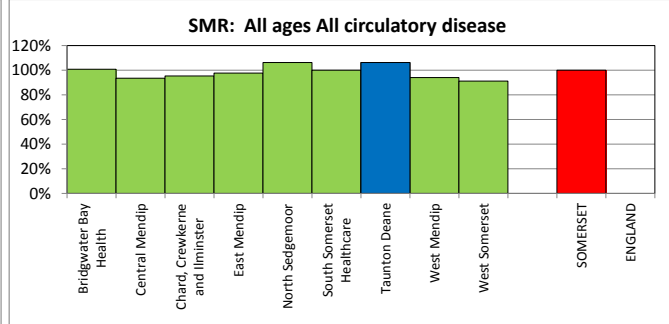
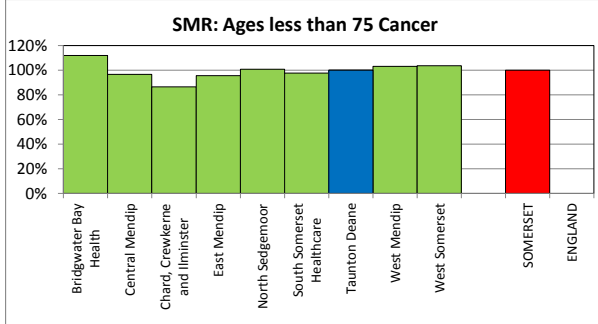
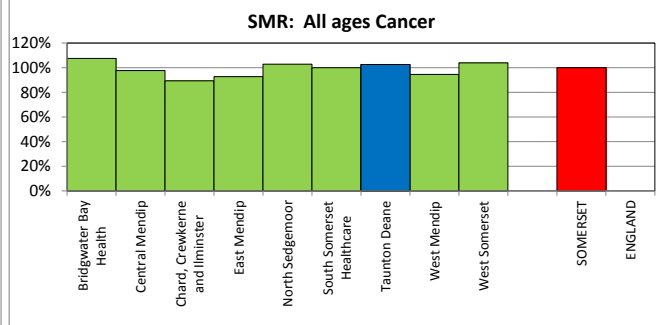
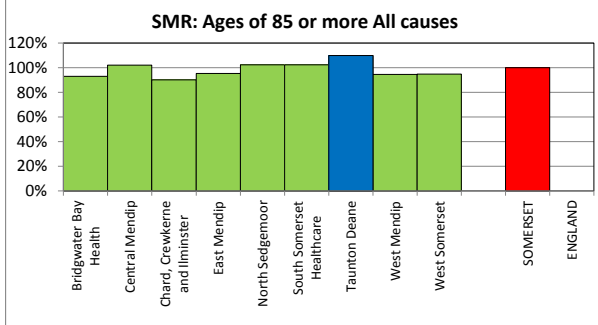
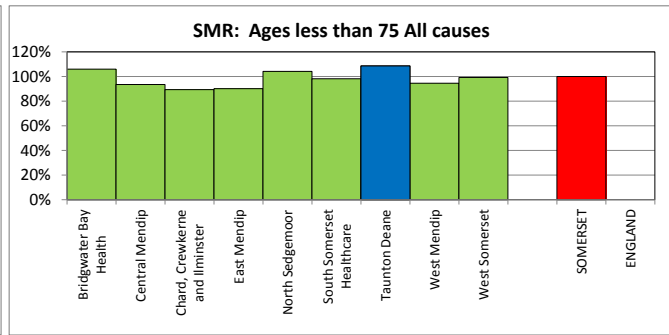
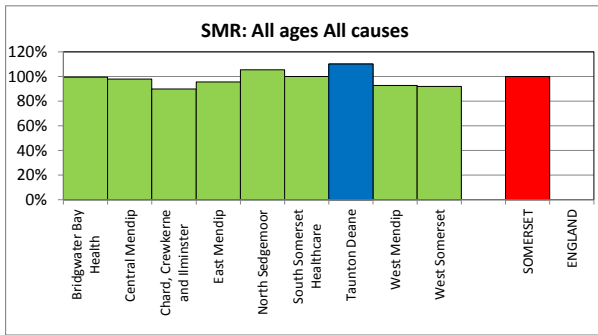
### Significantly higher than county average for:

All causes - all ages    All causes - <75    All causes - 85+

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

All causes - all ages    All causes - <75    All causes - 85+    All circulatory disease - all ages    All circulatory disease - <75

# Taunton Deane



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?

# Taunton Deane

## Where people die

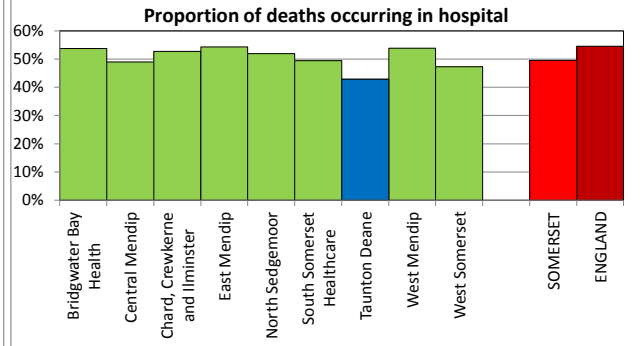
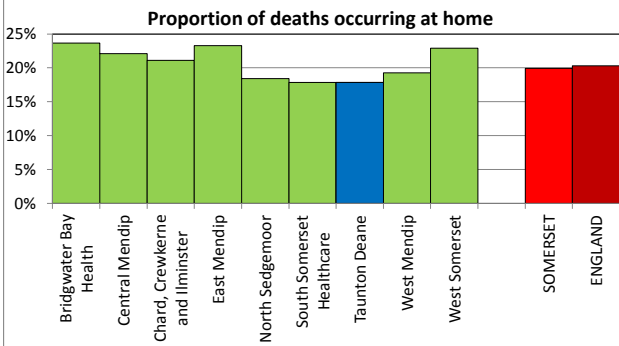
Deaths registered between 2007 and 2011. ONS annual mortality extract 2007-10 and ONS Primary Care Mortality Database 2011.

	Federation %	Somerset %	England % (2008-10)	Range of Federation values
Care/nursing home	32%	23%	18%	16% to 32%
Home	18%	20%	20%	18% to 24%
Hospice	6%	5%	5%	2% to 9%
Hospital	43%	50%	54%	43% to 54%
Elsewhere	1%	2%	2%	1% to 2%



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

The Federation has the lowest value in the county for:  
Hospital Elsewhere





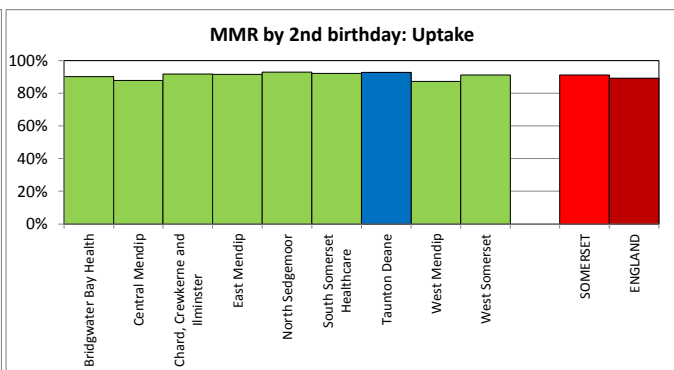
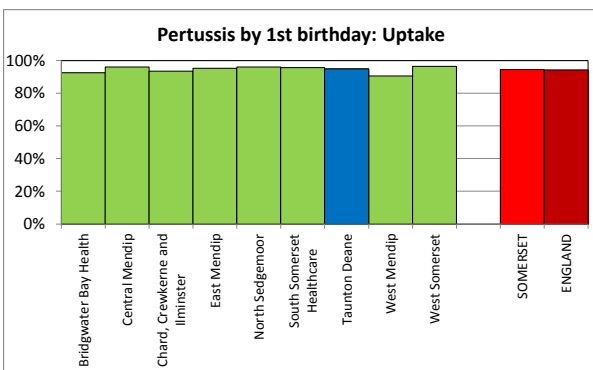
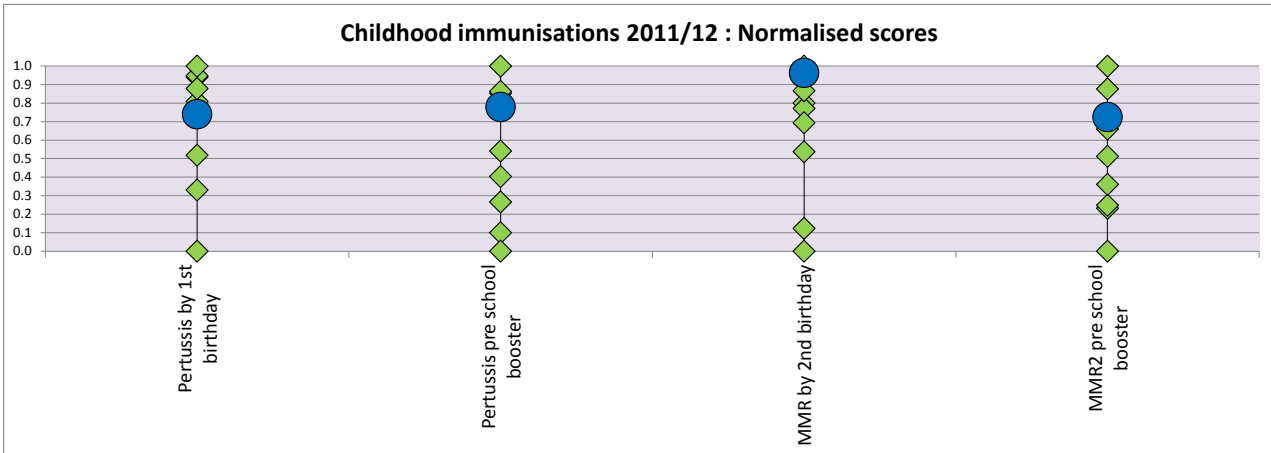
# Taunton Deane

## Childhood Immunisations

COVER statistics

2011/12

	Federation	Somerset	England 2009/10	Range of Federation values
Pertussis by 1st birthday	94.8%	94.4%	94.2%	90.6% to 96.3%
Pertussis pre school booster	89.7%	89.1%	85.9%	87.2% to 90.5%
MMR by 2nd birthday	92.6%	91.2%	89.1%	87.1% to 92.8%
MMR2 pre school booster	87.2%	86.4%	84.2%	83.8% to 88.5%

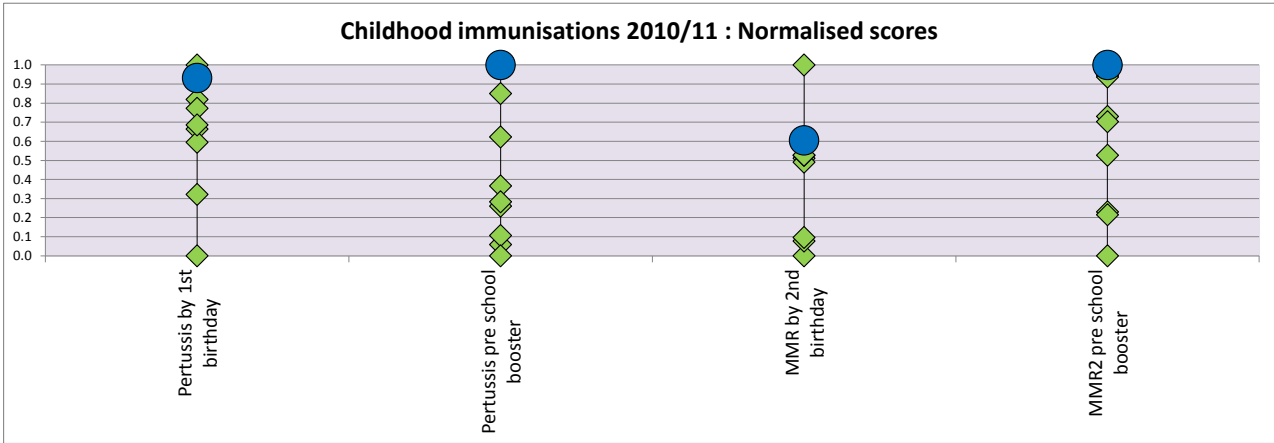


England data for 2010/11

# Taunton Deane

2010/11

	Federation	Somerset	England	Range of Federation values
Pertussis by 1st birthday	94.2%	93.3%	94.2%	90.3% to 94.5%
Pertussis pre school booster	92.5%	90.2%	85.9%	87.7% to 92.5%
MMR by 2nd birthday	90.5%	89.4%	89.1%	86.6% to 93.1%
MMR2 pre school booster	88.6%	86.1%	84.2%	80.8% to 88.6%



The Federation has the highest value in the county for:  
 Pertussis pre school booster    MMR2 pre school booster

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

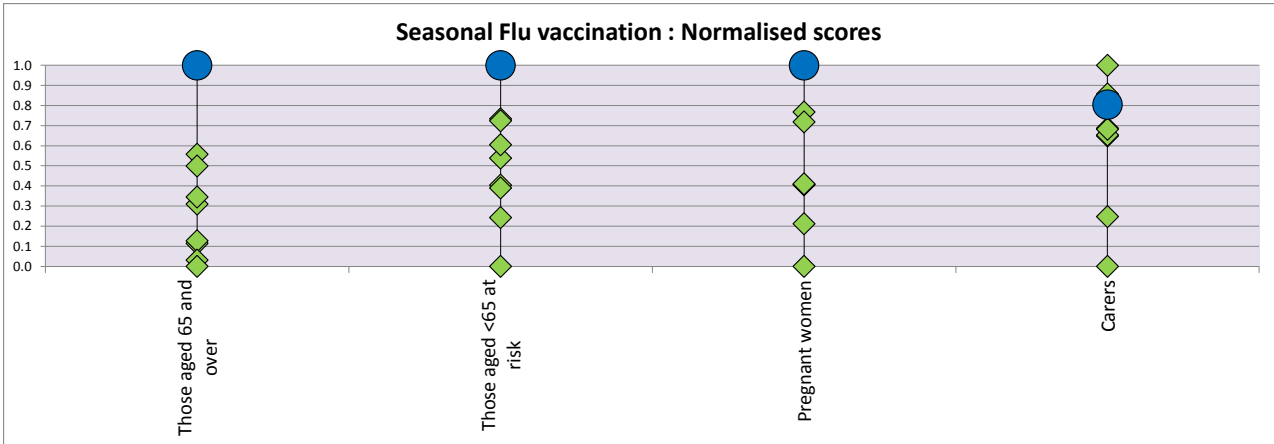
# Taunton Deane

## Seasonal flu vaccinations

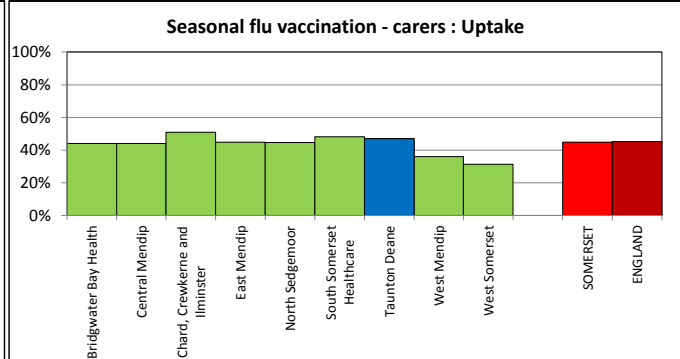
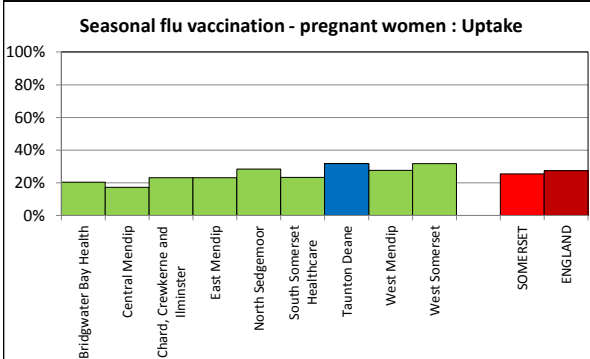
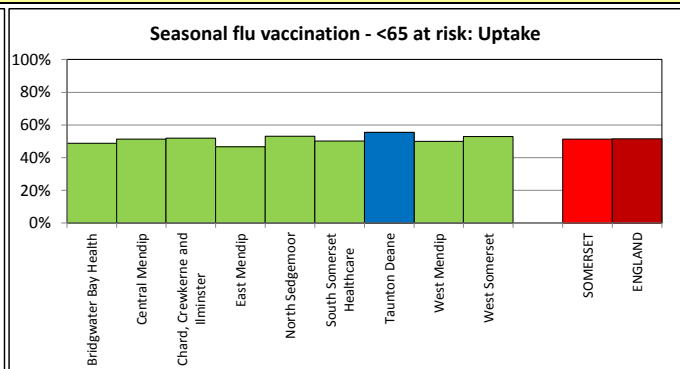
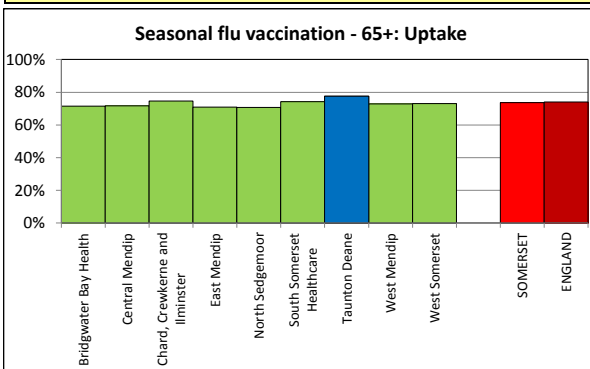
Flu vaccination programme statistics

Winter 2011/12

	Federation	Somerset	England	Range of Federation values
Those aged 65 and over	77.6%	73.7%	74.0%	70.8% to 77.6%
Those aged <65 at risk	55.4%	51.3%	51.6%	46.6% to 55.4%
Pregnant women	31.8%	25.5%	27.4%	17.3% to 31.8%
Carers	47.1%	44.8%	45.2%	31.3% to 51.0%



The Federation has the highest value in the county for:  
 Those aged 65 and over    Those aged <65 at risk    Pregnant women

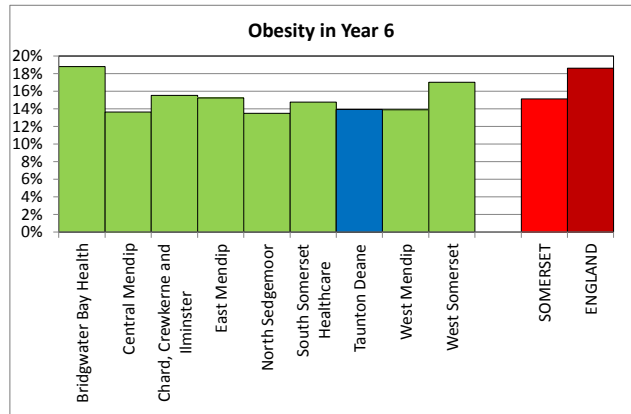
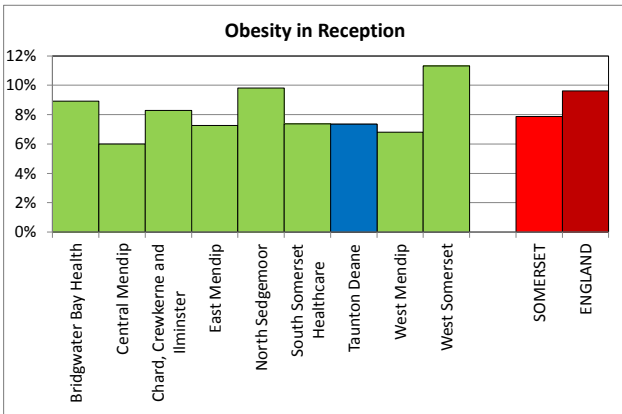
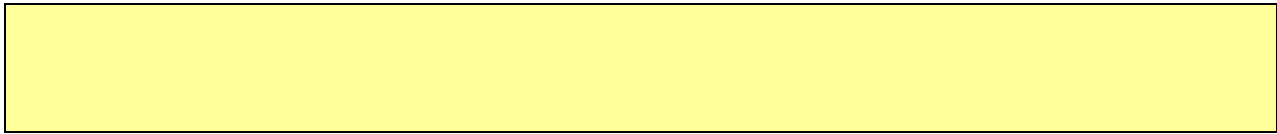
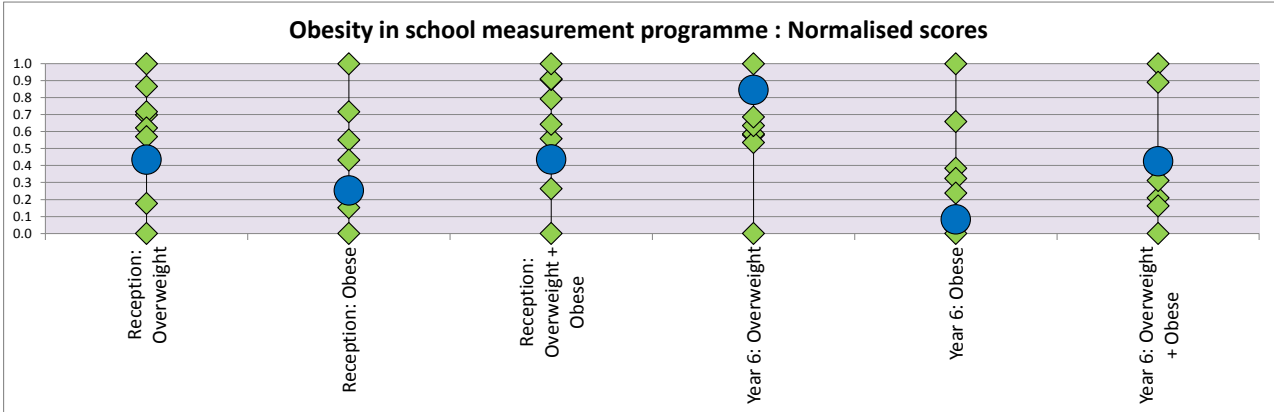


Obesity in schools

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

2007/8 - 2010/11

	Federation	Somerset	England	Range of Federation values
Reception: Overweight	13%	14%	13%	11% to 16%
Reception: Obese	7%	8%	10%	6% to 11%
Reception: Overweight + Obese	21%	22%	23%	17% to 25%
Year 6: Overweight	15%	14%	14%	10% to 16%
Year 6: Obese	14%	15%	19%	13% to 19%
Year 6: Overweight + Obese	29%	29%	33%	25% to 33%



# Taunton Deane

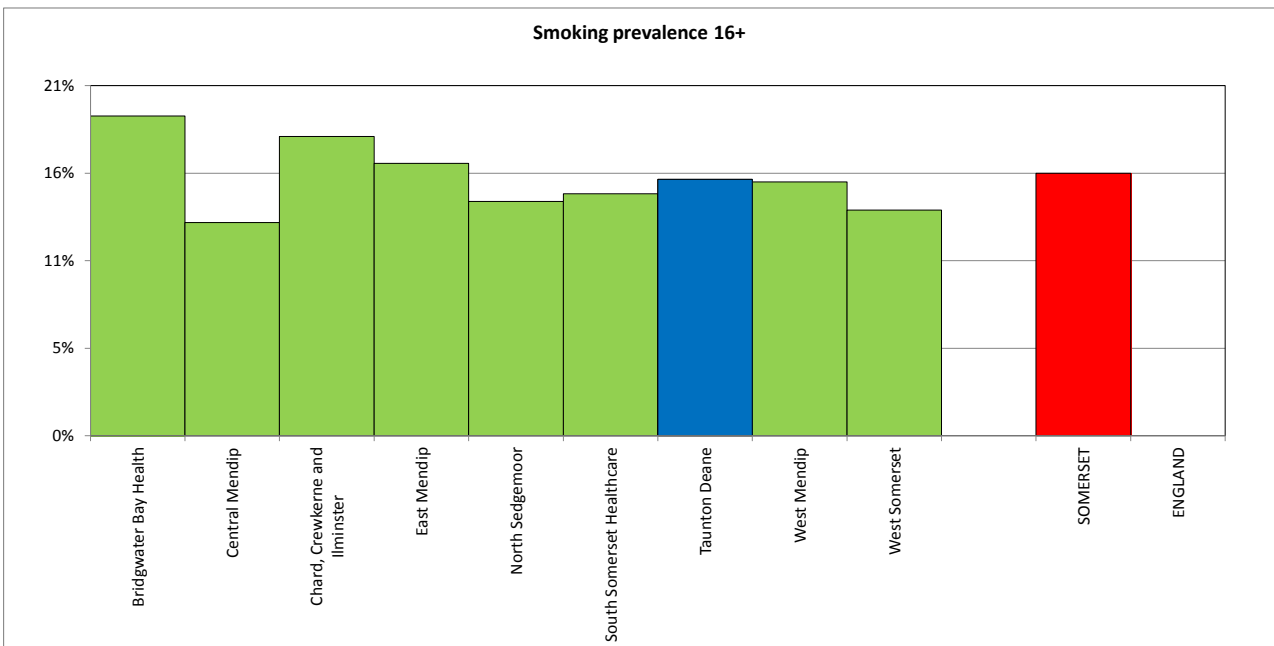
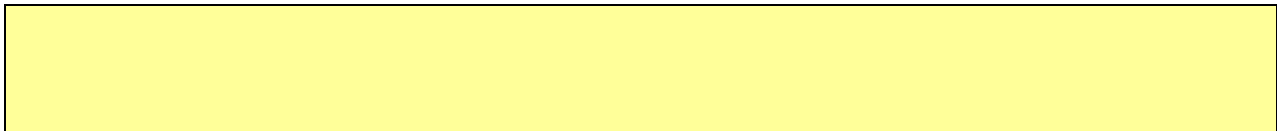
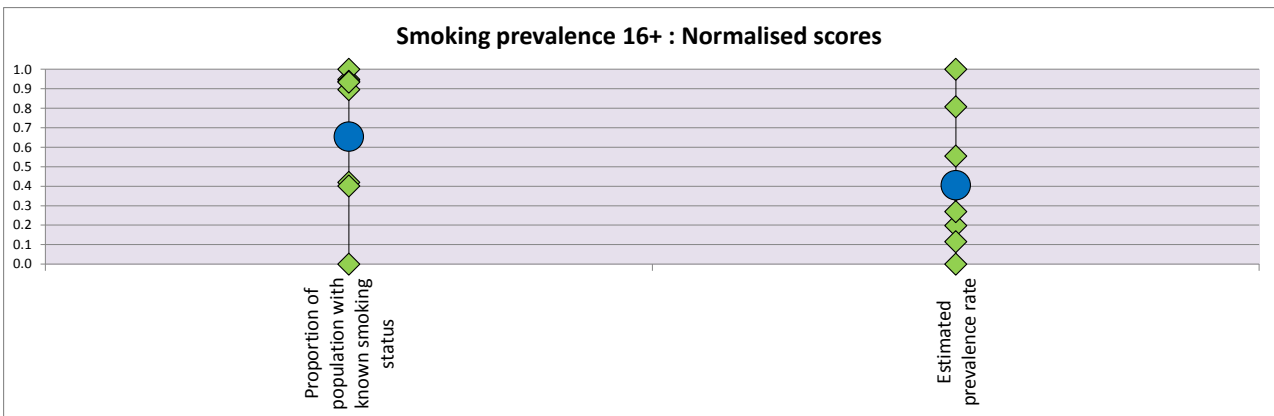
## Smoking prevalence (%)

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

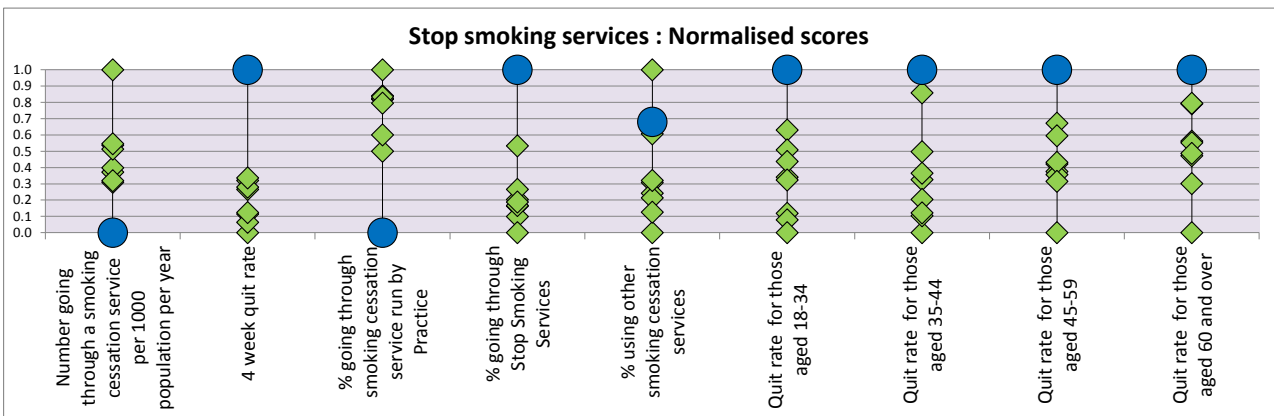
	Federation	Somerset	England	Range of Federation values
Number with known smoking status (16+)	70,473	339,127		
Number smoking (16+)	10,840	53,365		
Population (16+)	94,771	451,390		
Proportion of population with known smoking status	74%	75%		68% to 78%
Estimated prevalence rate	15%	16%		13% to 19%



Stop smoking services provision 2009-11

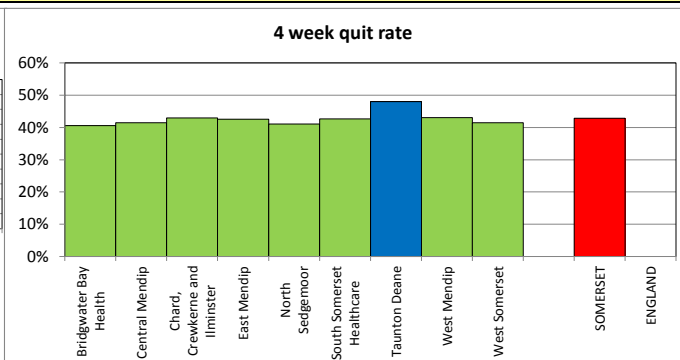
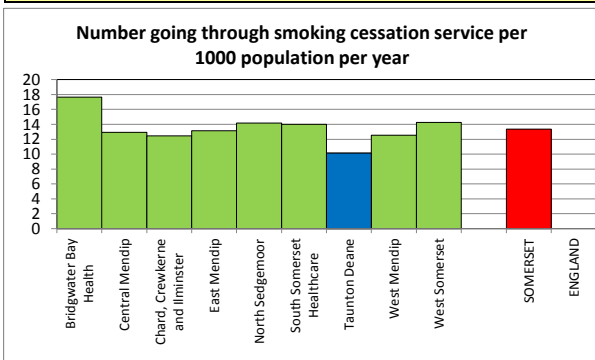
Smoking cessation services database

	Federation	Somerset	England	Range of Federation values
Number going through a smoking cessation service	3,455	21,608		
Number going through a smoking cessation service per 1000 population per year	10.1	13.4		10.1 to 17.7
Number quit (4 week)	1,659	9,267		
Number not quit (4 week)	1,478	10,834		
Number unknown quit status (4 week)	318	1,507		
4 week quit rate	48%	43%		41% to 48%
% going through smoking cessation service run by Practice	68%	86%		68% to 97%
% going through Stop Smoking Services	27%	9%		0% to 27%
% using other smoking cessation services	6%	5%		2% to 8%
Quit rate for those aged 18-34	44%	35%		29% to 44%
Quit rate for those aged 35-44	49%	44%		41% to 49%
Quit rate for those aged 45-59	50%	46%		41% to 50%
Quit rate for those aged 60 and over	53%	50%		45% to 53%



**The Federation has the highest value in the county for:**  
 4 week quit rate    % going through Stop Smoking Services    Quit rate for those aged 18-34    Quit rate for those aged 35-44    Quit rate for those aged 45-59    Quit rate for those aged 60 and over

**The Federation has the lowest value in the county for:**  
 Number going through a smoking cessation service per 1000 population per year    % going through smoking cessation service run by Practice



## Taunton Deane

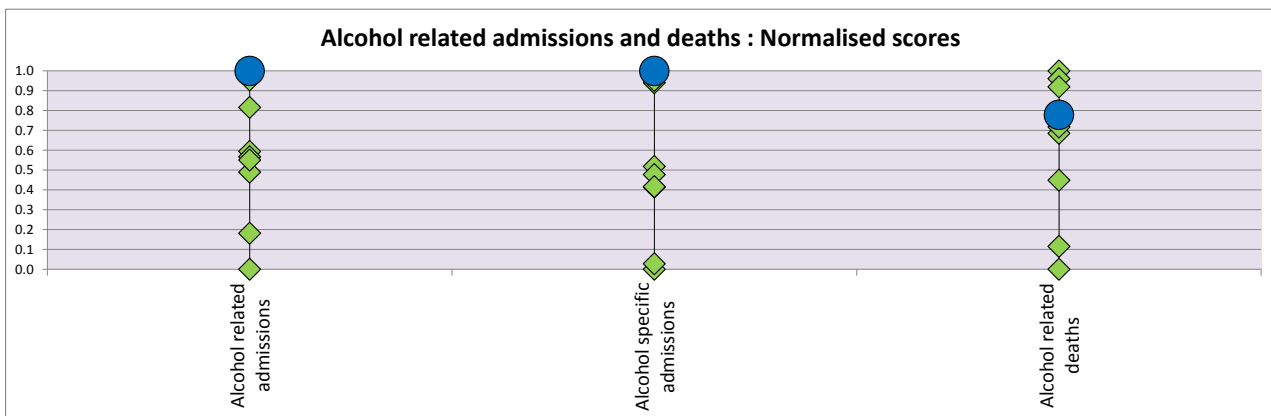
**Standardised admission and mortality rates for alcohol related conditions per 100,000 population per year**

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	1,548	1,443	1,673	1,207 to 1,548
Alcohol specific admissions	386	337		263 to 386
Alcohol related deaths	21	20		17 to 22

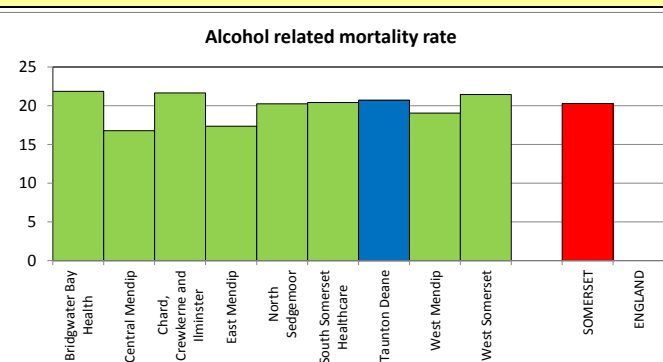
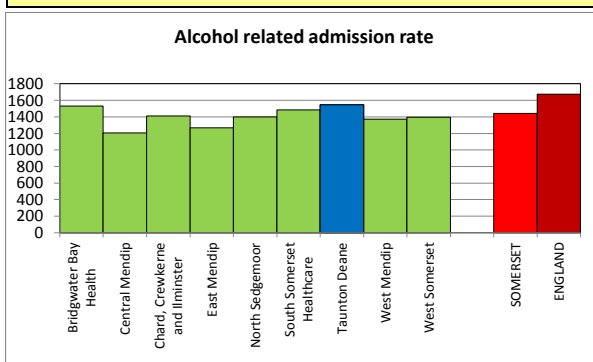


**Significantly higher than county average for:**

Alcohol related admissions    Alcohol specific admissions

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

Alcohol related admissions    Alcohol specific admissions



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

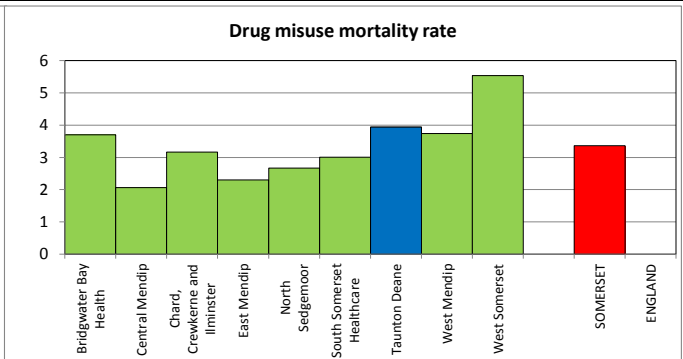
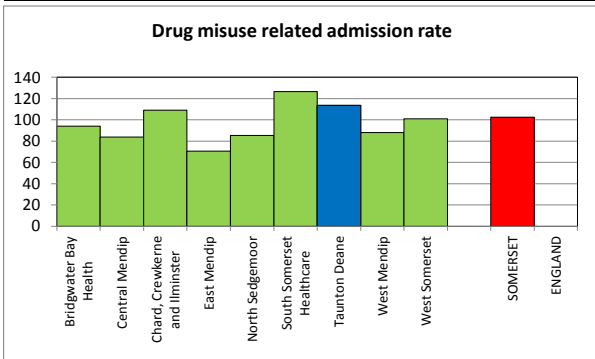
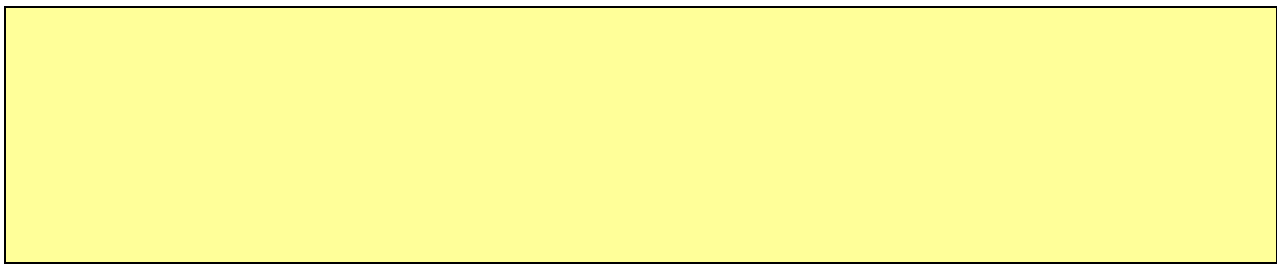
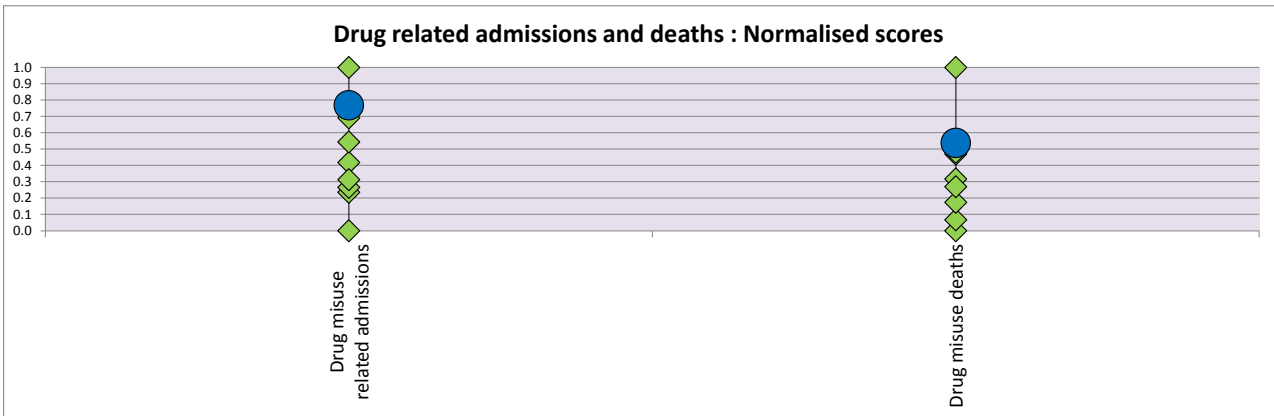
# Taunton Deane

**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	114	103		71 to 126
Drug misuse deaths	3.9	3.4		2.1 to 5.5





# Taunton Deane

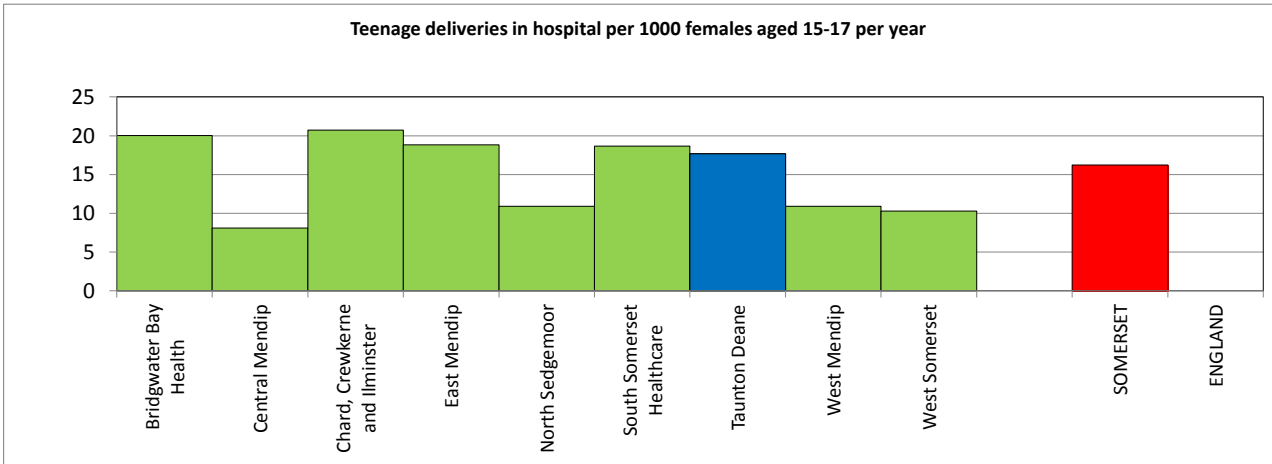
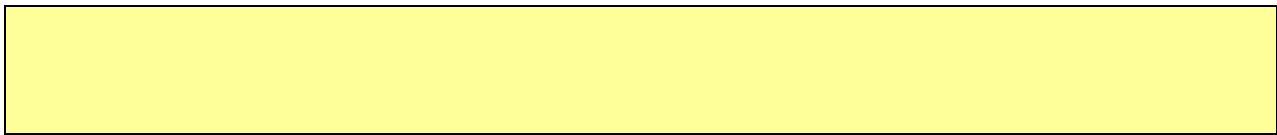
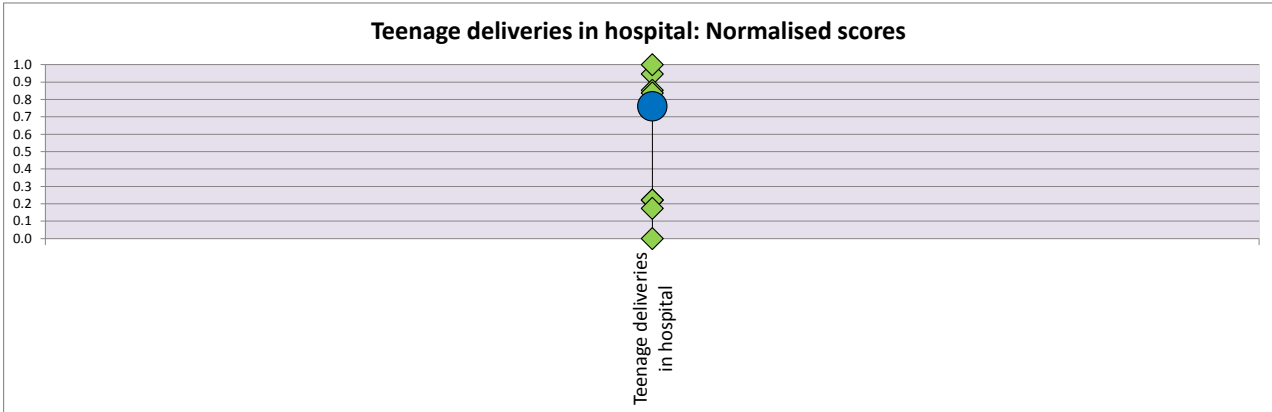
## Teenage deliveries in hospital

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	17.7	16.2		8.1 to 20.7

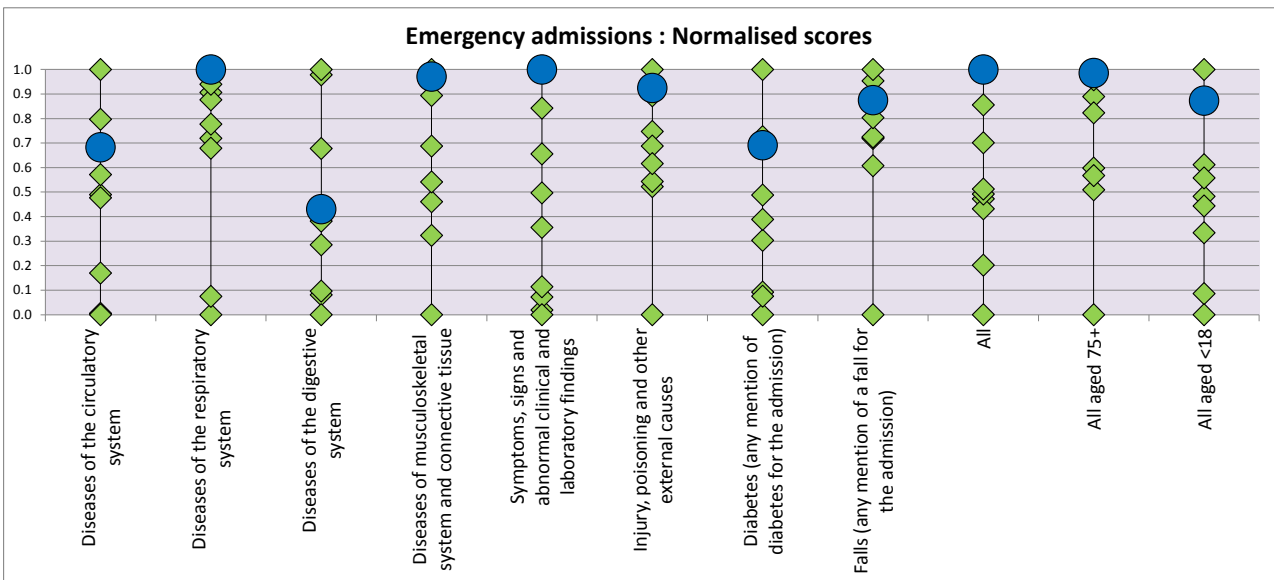


**Standardised emergency admission rate to hospital per 1000 population (ICD grouping)**

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	1,149	1,123	10.4	10.2		9.0 to 11.1
Diseases of the respiratory system	1,206	1,139	10.6	10.1		8.1 to 10.6
Diseases of the digestive system	989	1,007	8.7	8.9		8.1 to 9.6
Diseases of musculoskeletal system and connective tissue	518	462	4.6	4.1		2.7 to 4.7
Symptoms, signs and abnormal clinical and laboratory findings	3,211	2,470	28.4	21.9		16.1 to 28.4
Injury, poisoning and other external causes	1,919	1,749	16.8	15.3		10.4 to 17.3
Diabetes (any mention of diabetes for the admission)	1,396	1,324	12.7	12.0		10.4 to 13.7
Falls (any mention of a fall for the admission)	1,108	1,046	9.8	9.3		6.2 to 10.3
<b>All</b>	<b>12,231</b>	<b>10,935</b>	<b>108.0</b>	<b>96.6</b>		<b>79.7 to 108.0</b>
<b>All aged 75+</b>	<b>3,738</b>	<b>3,551</b>	<b>329.9</b>	<b>313.4</b>		<b>269.2 to 330.8</b>
<b>All aged &lt;18</b>	<b>1,907</b>	<b>1,661</b>	<b>79.2</b>	<b>69.0</b>		<b>52.2 to 83.1</b>



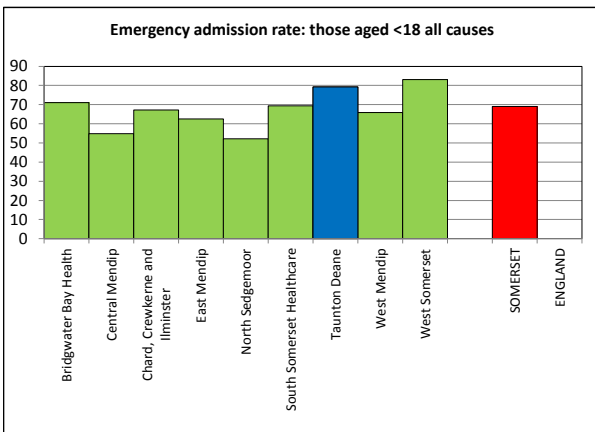
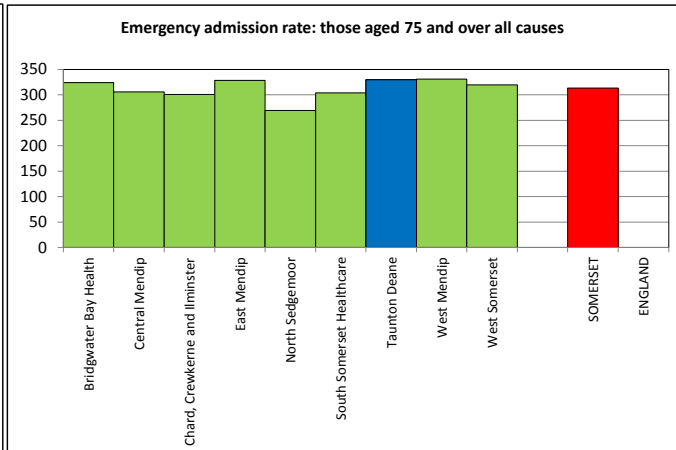
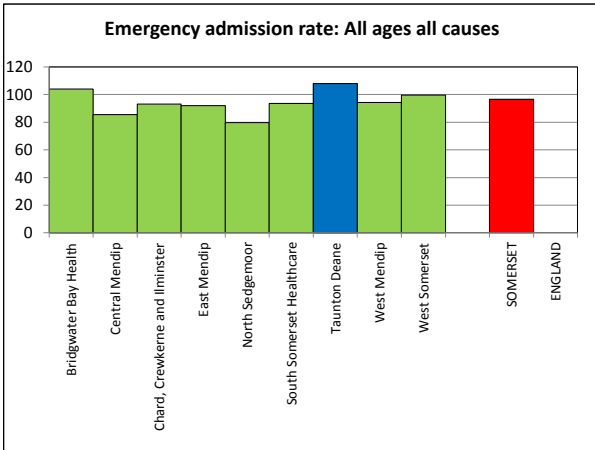
## Taunton Deane

### Significantly higher than county average for:

Symptoms, signs and abnormal clinical and laboratory findings    Injury, poisoning and other external causes    All    All aged 75+    All aged <18

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

Diseases of the respiratory system    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?

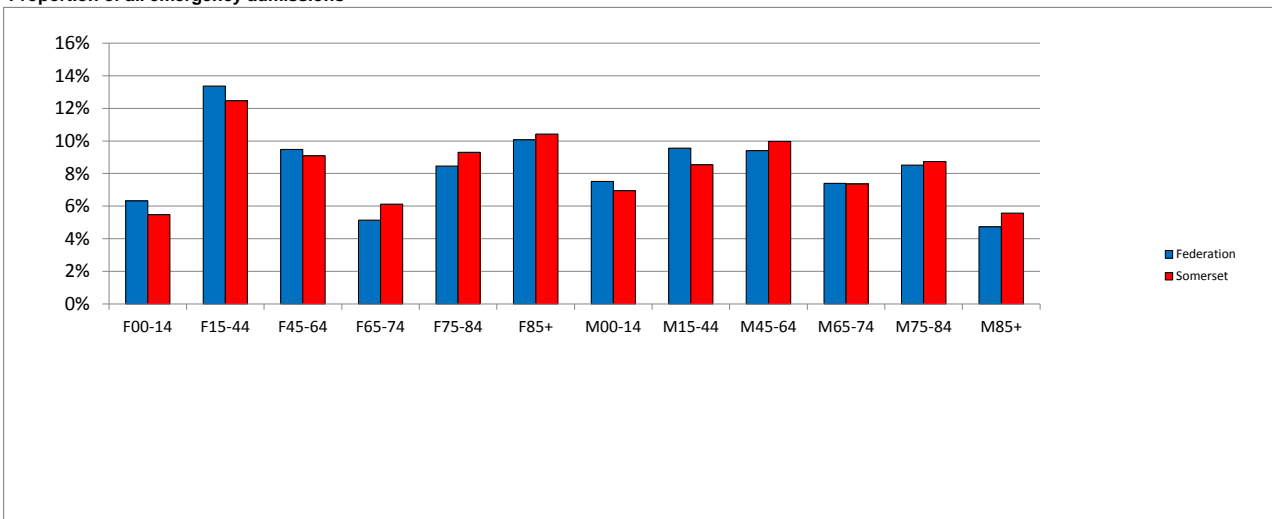
**Emergency admission numbers by age and sex of patient**

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

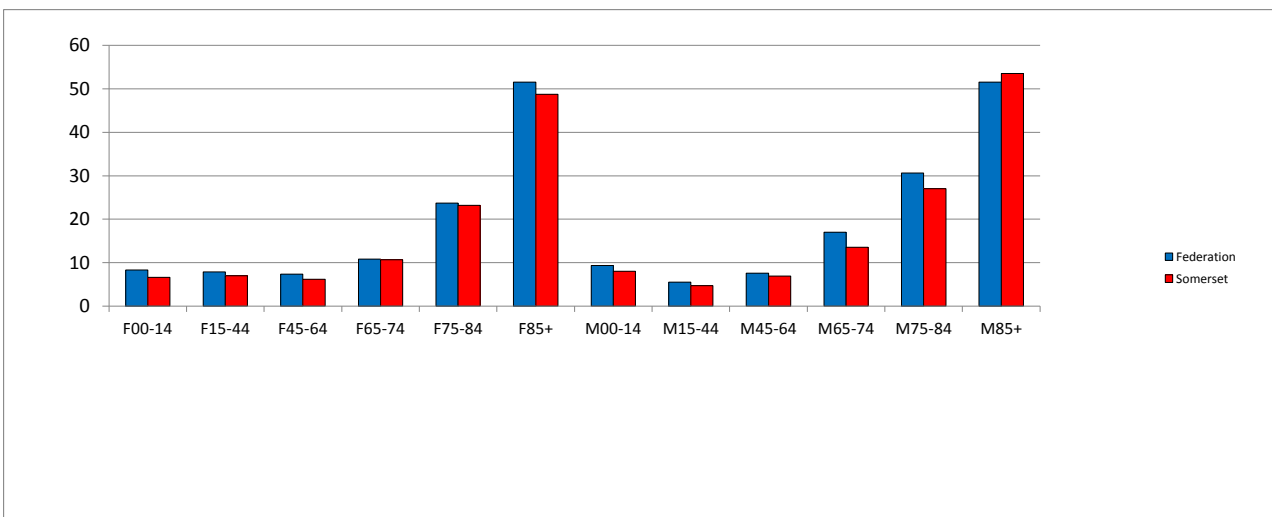
The crude rate shown is the number of admissions per population in the age/sex group. There can be multiple admissions for patients. 0.6% of admissions are not included in the table below because the patient was of unknown age or sex.

age/sex group	Federation			Somerset		
	no.	% of total	Crude rate per 100 population	no.	% of total	Crude rate per 100 population
F00-14	774	6%	8.3	2,862	5%	6.6
F15-44	1,635	13%	7.9	6,526	12%	7.0
F45-64	1,159	9%	7.4	4,759	9%	6.2
F65-74	630	5%	10.9	3,207	6%	10.7
F75-84	1,035	8%	23.7	4,866	9%	23.2
F85+	1,232	10%	51.5	5,458	10%	48.7
M00-14	920	8%	9.4	3,632	7%	8.0
M15-44	1,170	10%	5.5	4,469	9%	4.7
M45-64	1,150	9%	7.6	5,216	10%	6.9
M65-74	904	7%	17.0	3,850	7%	13.6
M75-84	1,043	9%	30.6	4,575	9%	27.0
M85+	579	5%	51.5	2,917	6%	53.6
<b>Total</b>	<b>12,231</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.

**ALL AGES**

(Those with known diagnosis)

ICD groupings	Federation		Somerset	
	no.	%	no.	%
Infectious and parasitic diseases	412	3%	1,646	3%
Cancer	291	2%	1,367	3%
In situ and benign neoplasms and neoplasms of unknown or uncertain behaviour	41	0%	233	0%
Diseases of blood and blood forming organs	109	1%	655	1%
Endocrine, nutritional and metabolic diseases	224	2%	1,058	2%
Mental and behavioural disorders	275	2%	1,083	2%
Diseases of the nervous system	266	2%	1,309	3%
Diseases of eye and adnexa	65	1%	274	1%
Diseases of Ear and Mastoid process	40	0%	151	0%
Diseases of the circulatory system	1,149	9%	5,532	11%
Diseases of the respiratory system	1,206	10%	5,451	10%
Diseases of the digestive system	989	8%	4,826	9%
Diseases of skin and subcutaneous tissue	300	2%	1,396	3%
Diseases of musculoskeletal system and connective tissue	518	4%	2,221	4%
Diseases of genitourinary system	628	5%	2,871	5%
Pregnancy, childbirth and puerperium	318	3%	1,160	2%
Certain conditions originating in perinatal period	133	1%	404	1%
Congenital malformations, deformations and chromosomal abnormalities	22	0%	77	0%
Symptoms, signs and abnormal clinical and laboratory findings	3,211	26%	11,854	23%
Injury, poisoning and other external causes	1,919	16%	8,306	16%
Factors influencing health status and contact with health services	115	1%	463	1%
Coronary Heart Disease	326	3%	1,560	3%
Cerebrovascular disease	211	2%	1,000	2%
COPD	218	2%	1,035	2%
Asthma	93	1%	409	1%
Diabetes (as the main reason for admission)	73	1%	382	1%
Diabetes (any mention of diabetes for the admission)	1,396	11%	6,528	12%
Falls (any mention of a fall for the admission)	1,108	9%	5,022	10%
<b>Total</b>	<b>12,231</b>	<b>100%</b>	<b>52,337</b>	<b>100%</b>

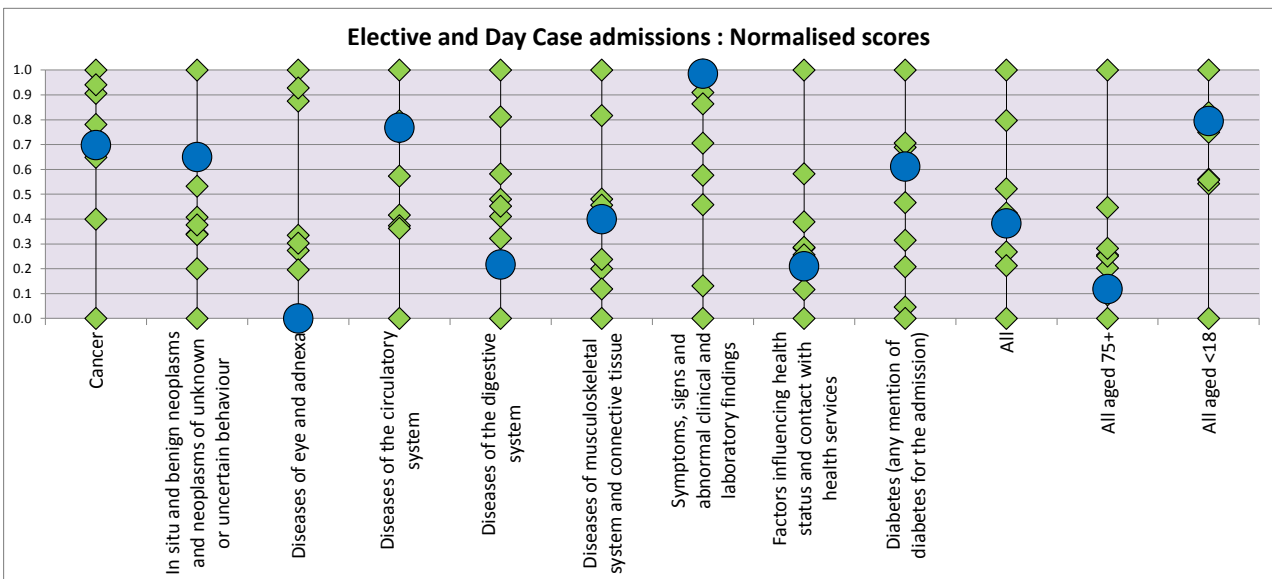
# Taunton Deane

## 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	3,109	3,119	28.6	28.7		16.6 to 33.8
In situ and benign neoplasms and neoplasms of unknown or uncertain behaviour	725	682	6.6	6.2		5.1 to 7.4
Diseases of eye and adnexa	1,108	1,320	10.1	12.0		10.1 to 14.8
Diseases of the circulatory system	991	950	9.1	8.7		6.3 to 9.9
Diseases of the digestive system	2,317	2,600	20.8	23.4		18.9 to 27.8
Diseases of musculoskeletal system and connective tissue	1,894	1,924	17.1	17.4		14.9 to 20.4
Symptoms, signs and abnormal clinical and laboratory findings	1,175	1,061	10.6	9.6		7.1 to 10.7
Factors influencing health status and contact with health services	822	964	7.4	8.7		6.0 to 12.8
Diabetes (any mention of diabetes for the admission)	1,400	1,370	12.9	12.7		9.8 to 14.9
<b>All</b>	<b>15,695</b>	<b>16,192</b>	<b>141.8</b>	<b>146.3</b>		<b>129.7 to 161.3</b>
<b>All aged 75+</b>	<b>3,081</b>	<b>3,259</b>	<b>274.5</b>	<b>290.3</b>		<b>265.7 to 339.8</b>
<b>All aged &lt;18</b>	<b>942</b>	<b>882</b>	<b>39.6</b>	<b>37.0</b>		<b>22.6 to 43.9</b>



## Taunton Deane

### Significantly higher than county average for:

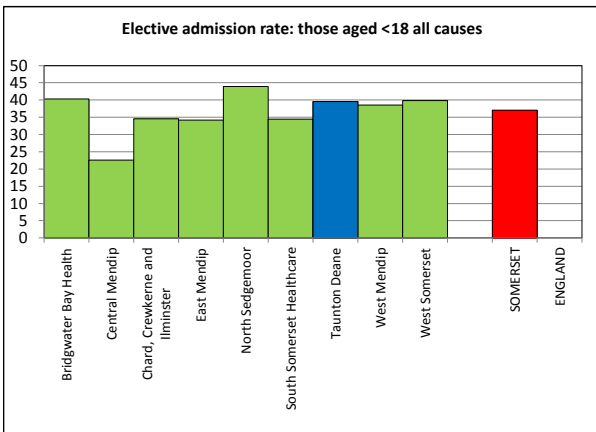
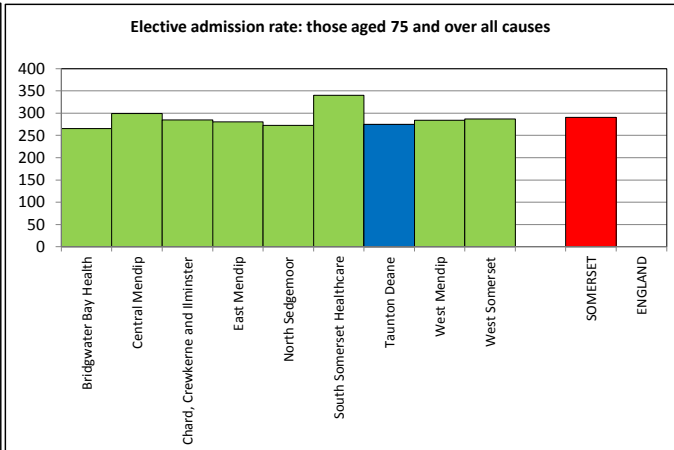
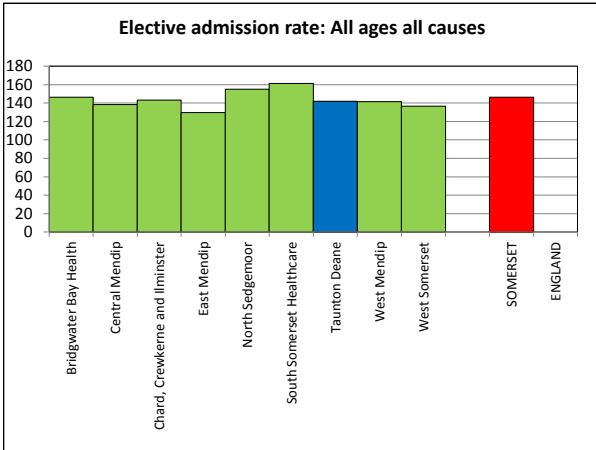
Symptoms, signs and abnormal clinical and laboratory findings

### Significantly lower than county average for:

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

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

Diseases of eye and adnexa



- 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%.

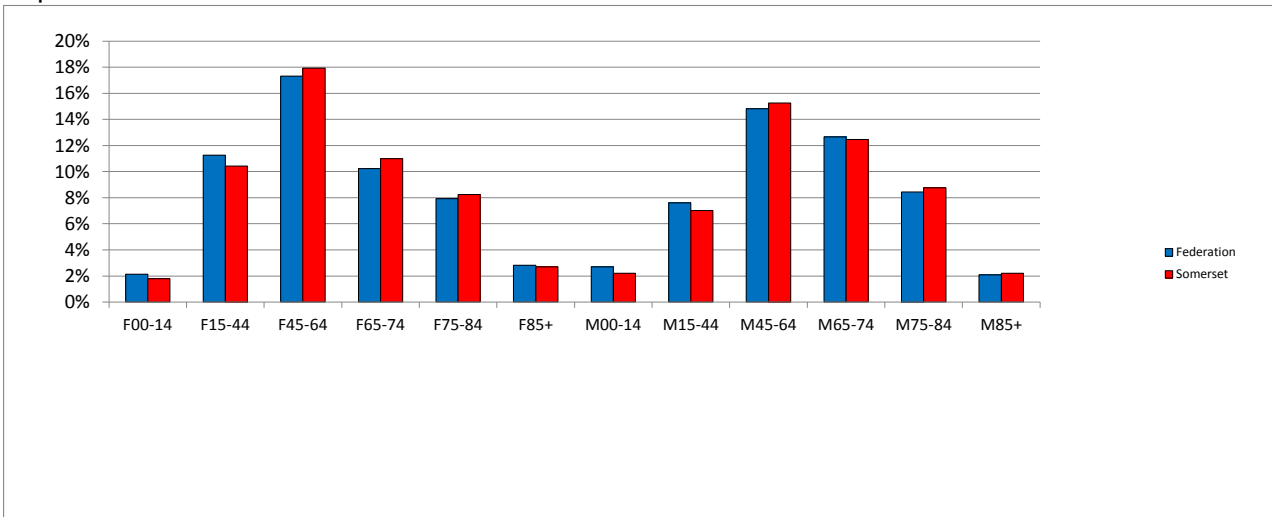
**Elective admission numbers by age and sex of patient**

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

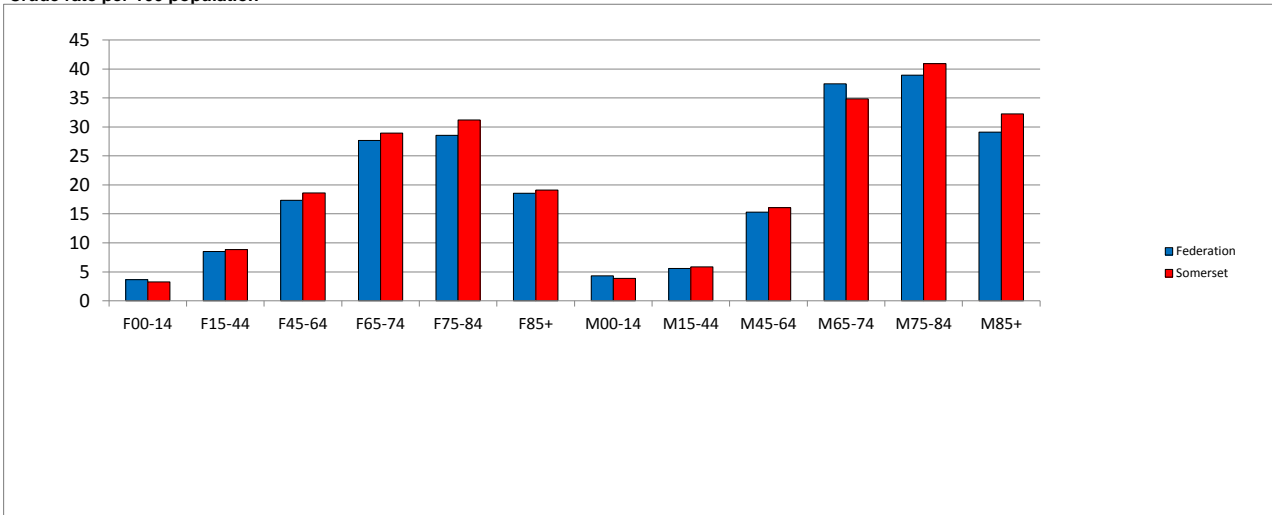
The crude rate shown is the number of admissions per population in the age/sex group. There can be multiple admissions for patients. 0.8% of admissions are not included in the table below because the patient was of unknown age or sex.

age/sex group	Federation			Somerset		
	no.	% of total	Crude rate per 100 population	no.	% of total	Crude rate per 100 population
F00-14	337	2%	3.6	1,414	2%	3.3
F15-44	1,767	11%	8.5	8,267	10%	8.8
F45-64	2,717	17%	17.3	14,224	18%	18.6
F65-74	1,607	10%	27.7	8,710	11%	29.0
F75-84	1,244	8%	28.5	6,535	8%	31.2
F85+	443	3%	18.5	2,138	3%	19.1
M00-14	423	3%	4.3	1,753	2%	3.9
M15-44	1,192	8%	5.6	5,564	7%	5.8
M45-64	2,326	15%	15.3	12,100	15%	16.0
M65-74	1,987	13%	37.4	9,872	12%	34.8
M75-84	1,325	8%	38.9	6,937	9%	40.9
M85+	327	2%	29.1	1,757	2%	32.3
<b>Total</b>	<b>15,695</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	58	0%	143	0%
Cancer	3,109	20%	15,563	20%
In situ and benign neoplasms and neoplasms of unknown or uncertain behaviour	725	5%	3,346	4%
Diseases of blood and blood forming organs	283	2%	1,643	2%
Endocrine, nutritional and metabolic diseases	208	1%	1,092	1%
Mental and behavioural disorders	39	0%	155	0%
Diseases of the nervous system	440	3%	1,999	3%
Diseases of eye and adnexa	1,108	7%	6,518	8%
Diseases of Ear and Mastoid process	160	1%	815	1%
Diseases of the circulatory system	991	6%	4,733	6%
Diseases of the respiratory system	316	2%	1,643	2%
Diseases of the digestive system	2,317	15%	12,657	16%
Diseases of skin and subcutaneous tissue	329	2%	1,549	2%
Diseases of musculoskeletal system and connective tissue	1,894	12%	9,419	12%
Diseases of genitourinary system	973	6%	4,899	6%
Pregnancy, childbirth and puerperium	240	2%	796	1%
Certain conditions originating in perinatal period	2	0%	26	0%
Congenital malformations, deformations and chromosomal abnormalities	137	1%	591	1%
Symptoms, signs and abnormal clinical and laboratory findings	1,175	7%	5,194	7%
Injury, poisoning and other external causes	369	2%	1,766	2%
Factors influencing health status and contact with health services	822	5%	4,724	6%
Coronary Heart Disease	270	2%	1,377	2%
Diabetes (any mention of diabetes for the admission)	1,400	9%	6,860	9%
<b>Total</b>	<b>15,695</b>	<b>100%</b>	<b>79,271</b>	<b>100%</b>

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

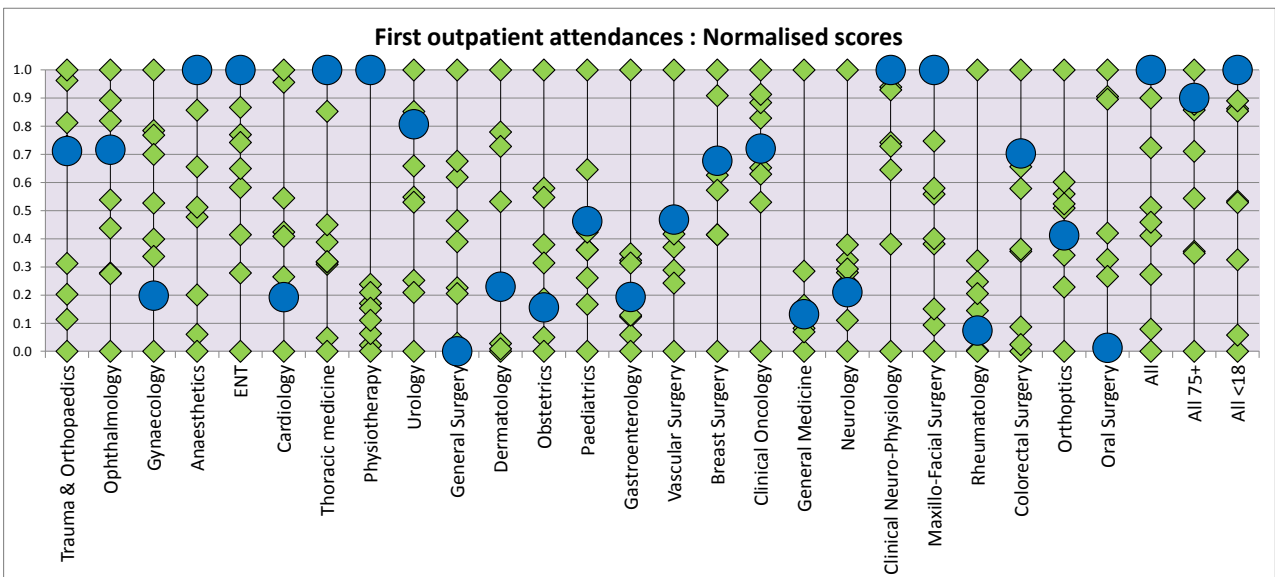
Outpatient activity files 2011/12. Population file July 2011. Standardised by age and sex.

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	9,580	8,565	85.2	76.2		50.5 to 99.2
Ophthalmology	4,044	3,921	36.5	35.4		30.5 to 38.8
Gynaecology	2,187	2,464	36.5	41.1		33.9 to 47.1
Anaesthetics	4,096	2,423	36.7	21.7		0.7 to 36.7
ENT	2,552	2,344	22.6	20.8		16.8 to 22.6
Cardiology	1,700	2,159	15.5	19.7		11.7 to 31.3
Thoracic medicine	3,124	1,882	28.5	17.1		7.2 to 28.5
Physiotherapy	5,043	1,859	44.5	16.4		3.4 to 44.5
Urology	1,865	1,700	17.0	15.5		12.4 to 18.1
General Surgery	887	1,673	7.9	15.0		7.9 to 25.7
Dermatology	1,548	1,617	13.8	14.4		11.9 to 20.1
Obstetrics	941	1,261	44.5	59.6		34.9 to 96.0
Paediatrics	1,251	1,216	60.3	58.6		47.7 to 74.9
Gastroenterology	793	822	7.1	7.4		6.1 to 11.3
Vascular Surgery	902	748	8.2	6.8		2.0 to 15.4
Breast Surgery	889	736	7.8	6.4		1.2 to 10.9
Clinical Oncology	718	677	6.6	6.3		4.3 to 7.6
General Medicine	492	654	4.5	5.9		2.5 to 17.1
Neurology	611	657	5.4	5.8		4.5 to 8.9
Clinical Neuro-Physiology	804	627	7.1	5.6		0.4 to 7.1
Maxillo-Facial Surgery	1,161	610	10.2	5.4		0.5 to 10.2
Rheumatology	509	590	4.6	5.3		4.1 to 10.5
Colorectal Surgery	842	562	7.6	5.0		0.9 to 10.4
Orthoptics	510	553	4.4	4.7		2.2 to 7.5
Oral Surgery	113	488	1.0	4.3		0.9 to 9.4
<b>All</b>	<b>52,957</b>	<b>46,163</b>	<b>469.7</b>	<b>409.5</b>		<b>343.8 to 469.7</b>
<b>All 75+</b>	<b>9,017</b>	<b>8,175</b>	<b>801.7</b>	<b>726.8</b>		<b>574.5 to 826.8</b>
<b>All &lt;18</b>	<b>5,738</b>	<b>5,284</b>	<b>240.8</b>	<b>221.8</b>		<b>189.7 to 240.8</b>



# Taunton Deane

**Significantly higher than county average for:**

Trauma & Orthopaedics Anaesthetics ENT Thoracic medicine Physiotherapy 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:**

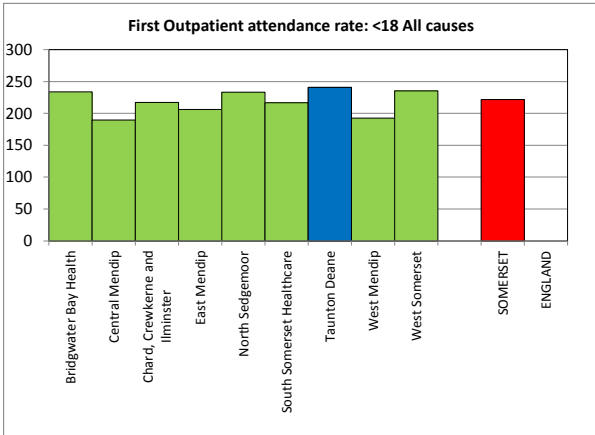
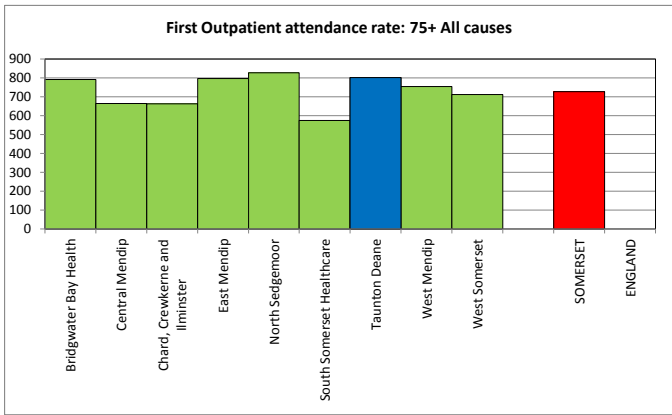
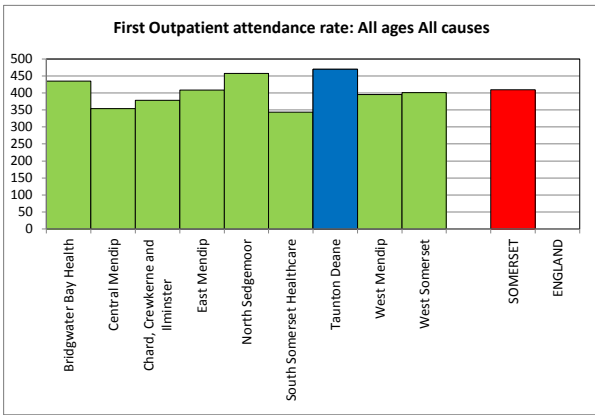
Anaesthetics ENT Thoracic medicine Physiotherapy Clinical Neuro-Physiology Maxillo-Facial Surgery All All <18

**Significantly lower than county average for:**

Gynaecology Cardiology General Surgery Obstetrics General Medicine Rheumatology Oral Surgery

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

General Surgery



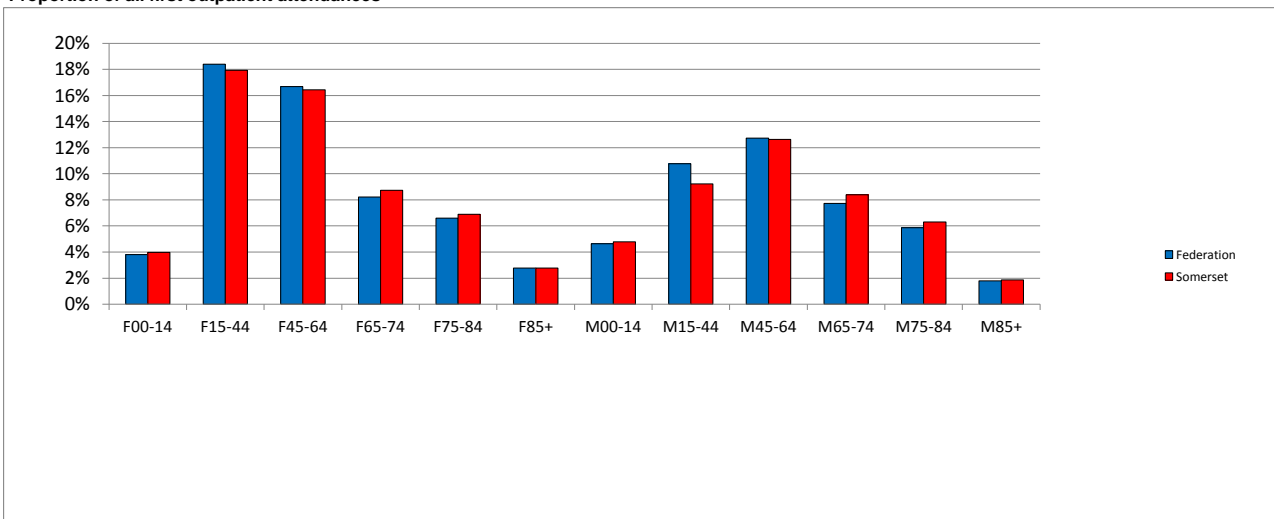
**First Outpatient attendances by age and sex of patient**

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

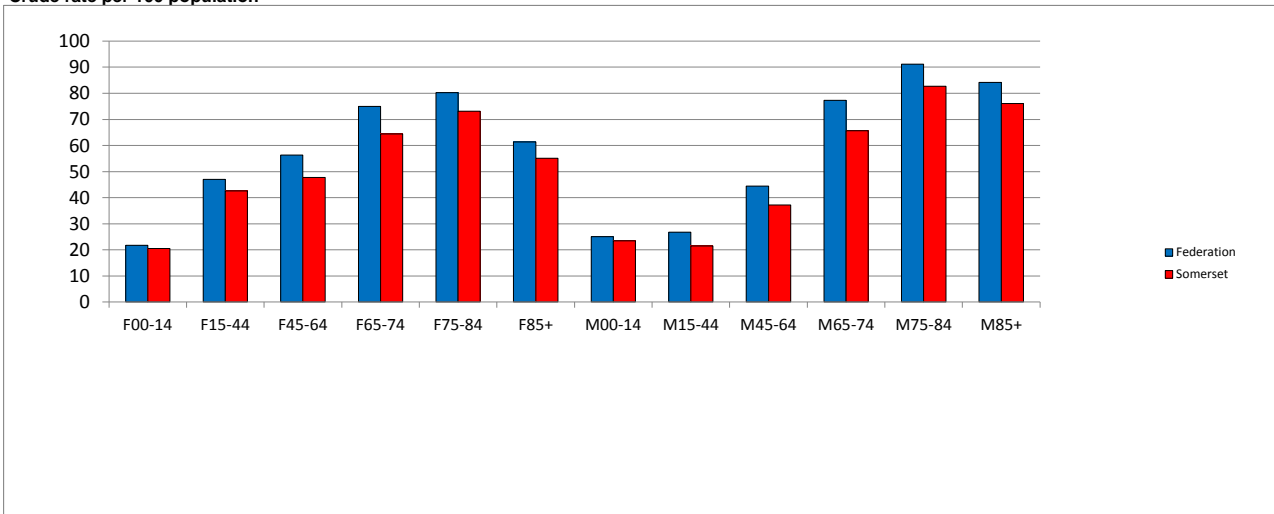
The crude rate shown is the number of first attendances per population in the age/sex group. There can be multiple first attendances for patients. 1.0% of admissions are not included in the table below because the patient was of unknown age or sex.

age/sex group	Federation			Somerset		
	no.	% of total	Crude rate per 100 population	no.	% of total	Crude rate per 100 population
F00-14	2,021	4%	21.8	8,829	4%	20.5
F15-44	9,746	18%	46.9	39,782	18%	42.6
F45-64	8,830	17%	56.4	36,499	16%	47.8
F65-74	4,351	8%	75.0	19,380	9%	64.4
F75-84	3,500	7%	80.3	15,320	7%	73.1
F85+	1,466	3%	61.3	6,164	3%	55.0
M00-14	2,451	5%	25.0	10,599	5%	23.5
M15-44	5,700	11%	26.8	20,454	9%	21.5
M45-64	6,742	13%	44.4	28,060	13%	37.2
M65-74	4,099	8%	77.3	18,611	8%	65.7
M75-84	3,105	6%	91.2	14,017	6%	82.7
M85+	946	2%	84.2	4,147	2%	76.1
<b>Total</b>	<b>52,957</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	9,580	18%	41,264	19%
Ophthalmology	4,044	8%	19,156	9%
Gynaecology	2,200	4%	11,408	5%
Anaesthetics	4,096	8%	11,753	5%
ENT	2,552	5%	11,259	5%
Cardiology	1,700	3%	10,652	5%
Thoracic medicine	3,124	6%	9,291	4%
Physiotherapy	5,043	10%	8,898	4%
Urology	1,865	4%	8,391	4%
General Surgery	887	2%	8,122	4%
Dermatology	1,548	3%	7,797	4%
Obstetrics	943	2%	5,580	3%
Paediatrics	1,255	2%	5,588	3%
Gastroenterology	793	1%	4,002	2%
<b>All treatment functions (not all shown above)</b>	<b>52,957</b>		<b>221,862</b>	

**QIPP Prescribing indicators**

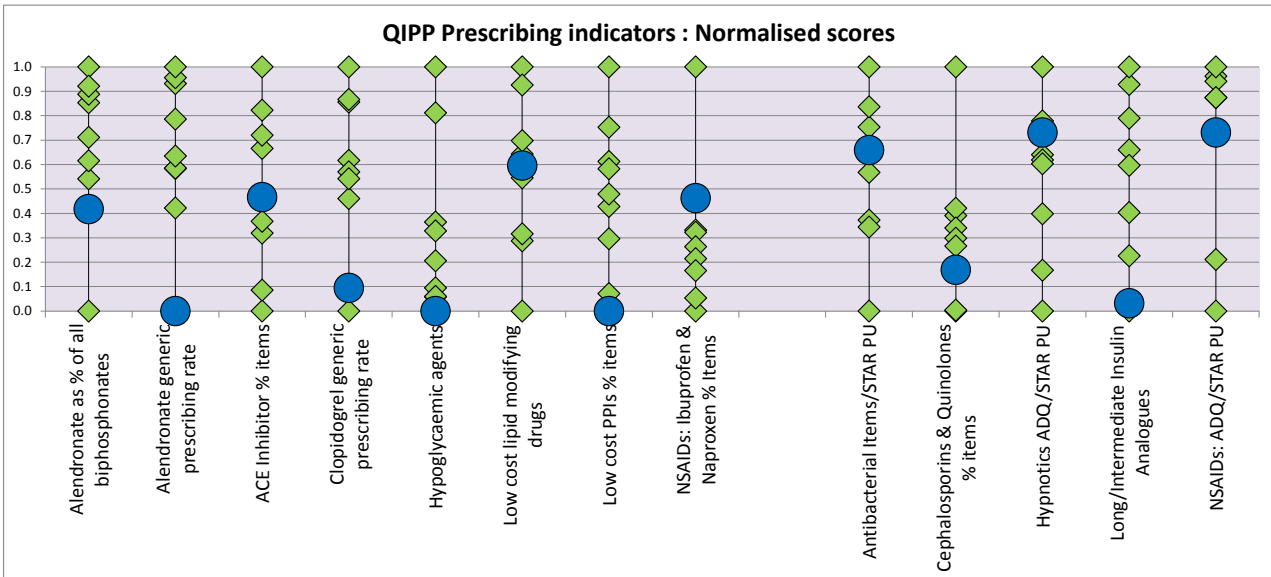
NHSBSA reports 2012

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

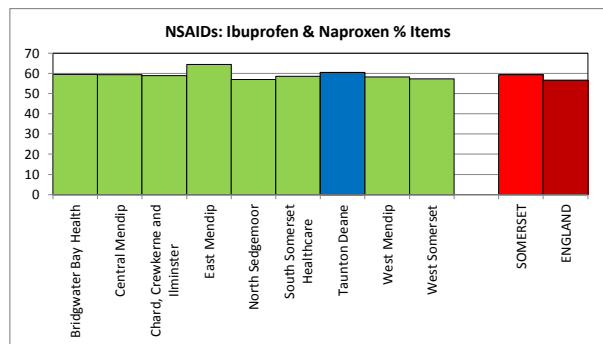
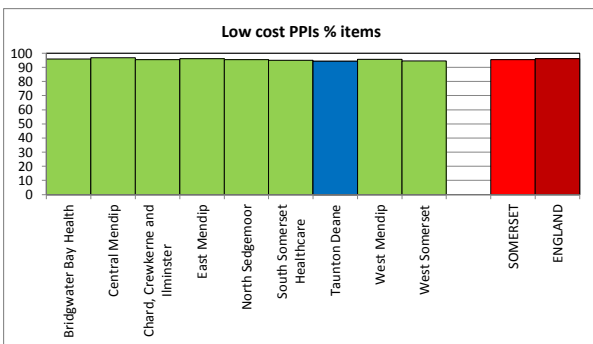
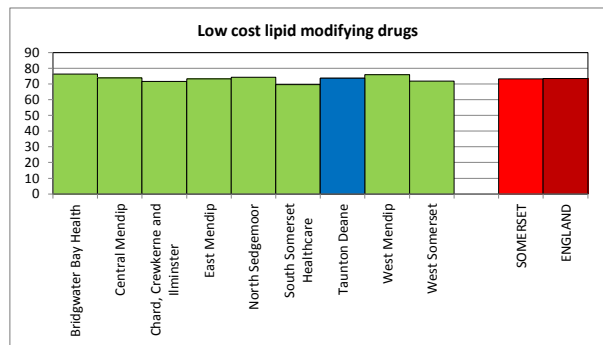
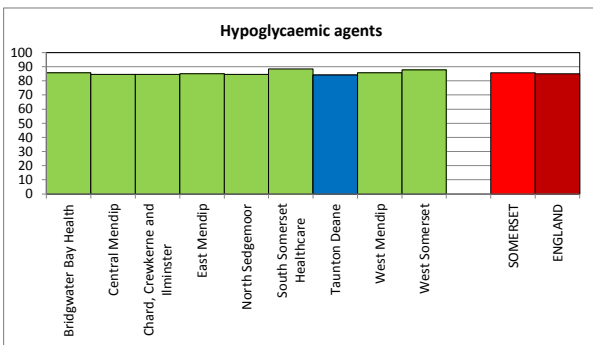
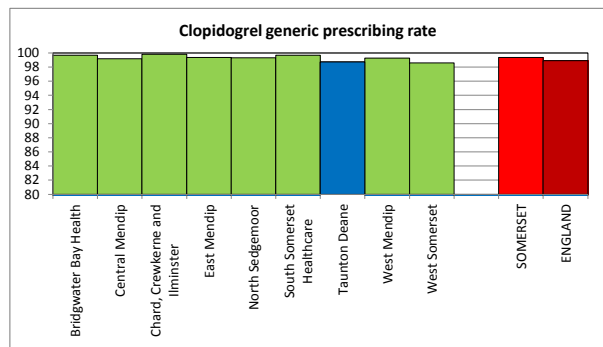
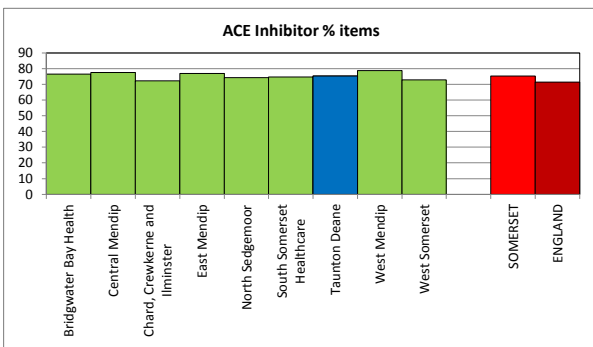
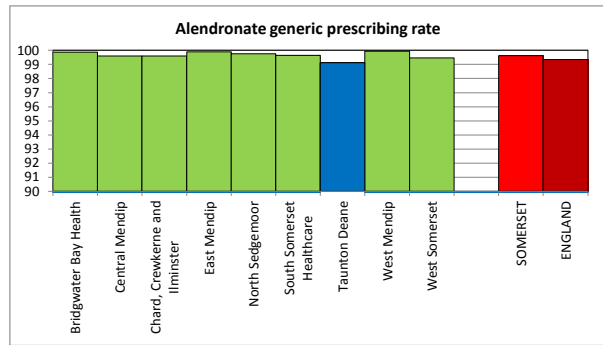
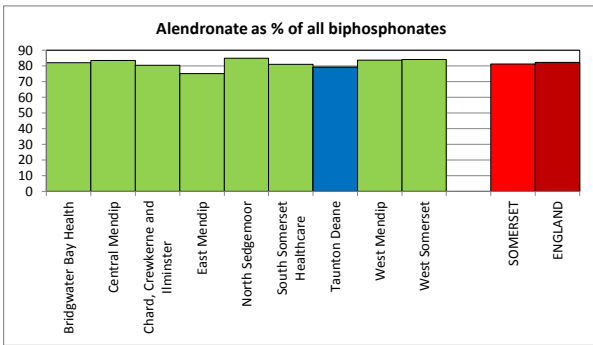
Indicator	Numerator	Denominator	Federation rate	Somerset rate	England rate	Range of Federation values
Alendronate as % of all biphosphonates	17,914	22,617	79.2	81.2	82.3	75.1 to 84.9
Alendronate generic prescribing rate	17,757	17,914	99.1	99.6	99.3	99.1 to 99.9
ACE Inhibitor % items	88,882	118,065	75.3	75.4	71.5	72.2 to 78.8
Clopidogrel generic prescribing rate	7,111	7,203	98.7	99.3	98.9	98.6 to 99.8
Hypoglycaemic agents	38,173	45,322	84.2	85.7	85.0	84.2 to 88.5
Low cost lipid modifying drugs	83,408	113,272	73.6	73.2	73.4	69.6 to 76.3
Low cost PPIs % items	81,184	86,063	94.3	95.3	96.1	94.3 to 96.8
NSAIDs: Ibuprofen & Naproxen % Items	19,860	32,850	60.5	59.4	56.7	57.0 to 64.5
Antibacterial Items/STAR PU	73,653	64,380	1.1	1.1	1.2	0.9 to 1.3
Cephalosporins & Quinolones % items	3,295	73,365	4.5	4.9	6.7	4.0 to 7.1
Hypnotics ADQ/STAR PU	380,432	97,296	3.9	3.7	4.6	2.7 to 4.3
Long/Intermediate Insulin Analogues	2,598	4,113	63.2	76.9	84.8	62.3 to 90.8
NSAIDs: ADQ/STAR PU	1,065,411	257,084	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.

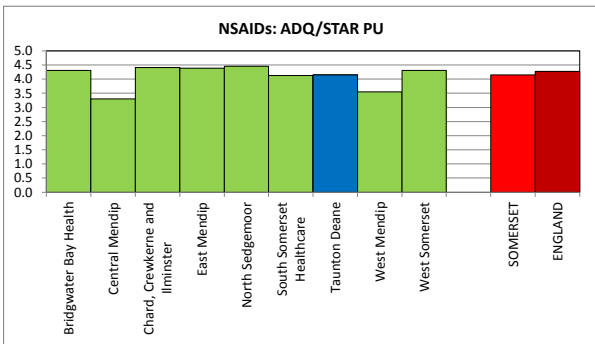
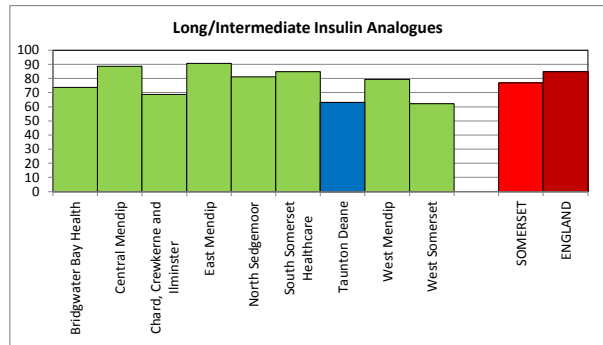
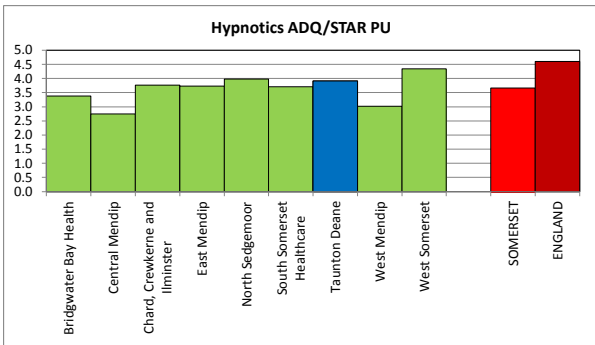
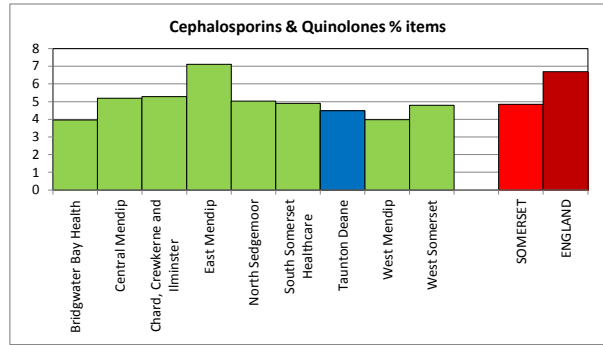
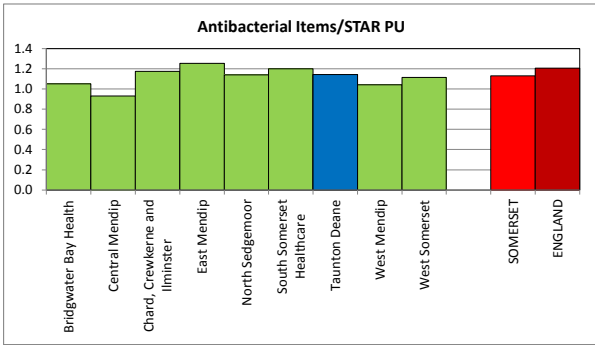


The Federation has the lowest value in the county for:  
 Alendronate generic prescribing rate    Hypoglycaemic agents    Low cost PPIs % items

Indicators where a higher rate is better



Indicators where a lower rate is better

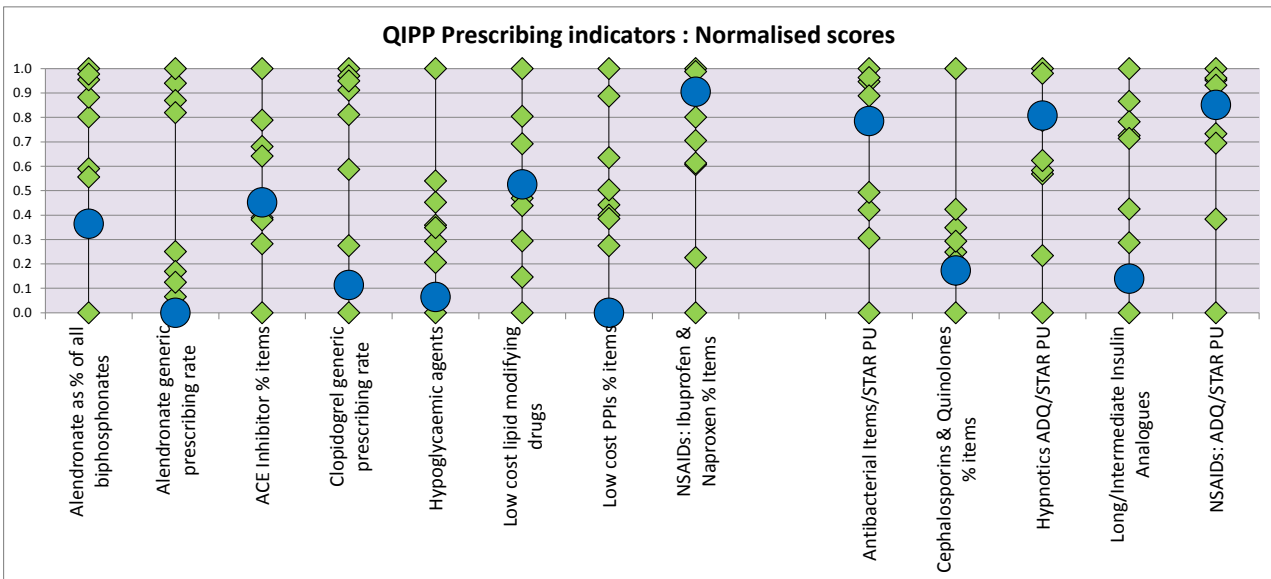




2010/11

Indicator	Numerator	Denominator	Federation rate	Somerset rate	England rate	Range of Federation values
Alendronate as % of all biphosphonates	16,773	22,238	75.4	78.9	80.1	70.7 to 83.6
Alendronate generic prescribing rate	16,659	16,773	99.3	99.6	99.0	99.3 to 99.9
ACE Inhibitor % items	86,332	115,108	75.0	75.3	71.3	71.2 to 79.6
Clopidogrel generic prescribing rate	4,417	4,519	97.7	98.6	97.8	97.6 to 99.0
Hypoglycaemic agents	36,775	43,507	84.5	86.5	85.3	84.2 to 89.9
Low cost lipid modifying drugs	78,531	108,677	72.3	71.9	72.5	67.8 to 76.3
Low cost PPIs % items	69,797	75,767	92.1	93.8	94.8	92.1 to 95.9
NSAIDs: Ibuprofen & Naproxen % Items	14,598	33,931	43.0	40.8	46.9	32.9 to 44.1
Antibacterial Items/STAR PU	73,633	63,609	1.2	1.1	1.2	1.0 to 1.2
Cephalosporins & Quinolones % items	3,761	73,310	5.1	5.7	8.1	4.1 to 10.1
Hypnotics ADQ/STAR PU	405,375	95,711	4.2	4.0	4.9	3.1 to 4.5
Long/Intermediate Insulin Analogues	2,527	3,937	64.2	76.8	85.3	59.9 to 90.5
NSAIDs: ADQ/STAR PU	1,162,220	252,712	4.6	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 lowest value in the county for:  
 Alendronate generic prescribing rate    Low cost PPIs % items

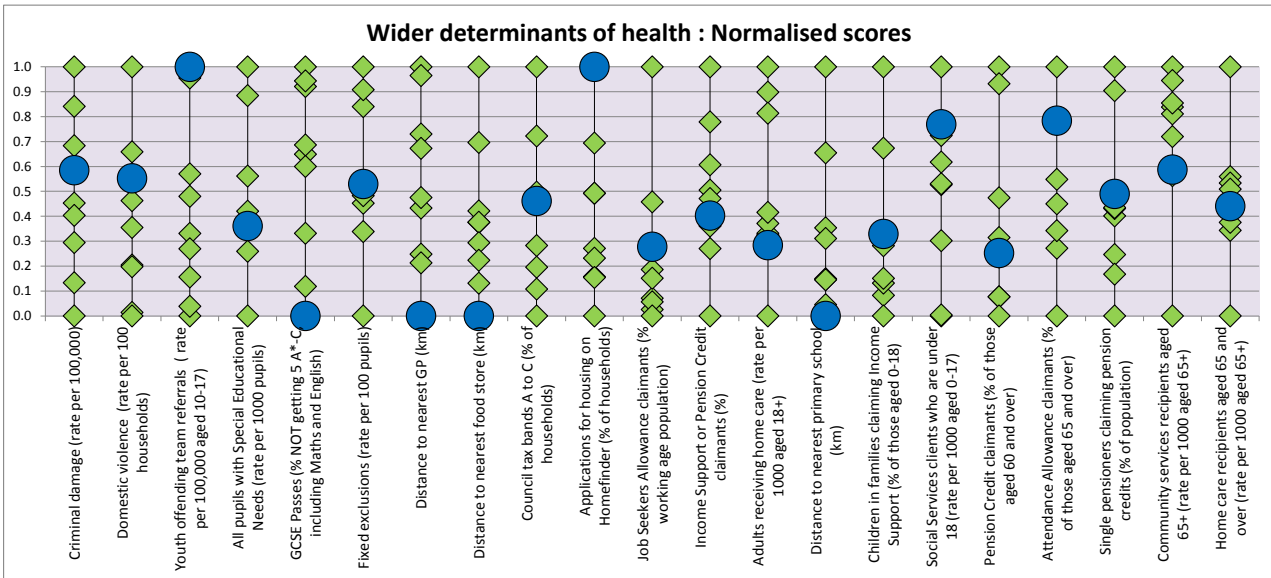
## Wider determinants of health

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.

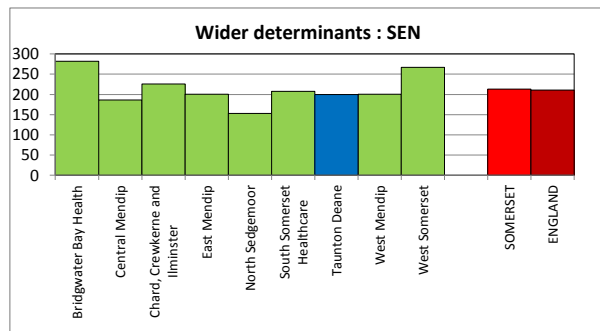
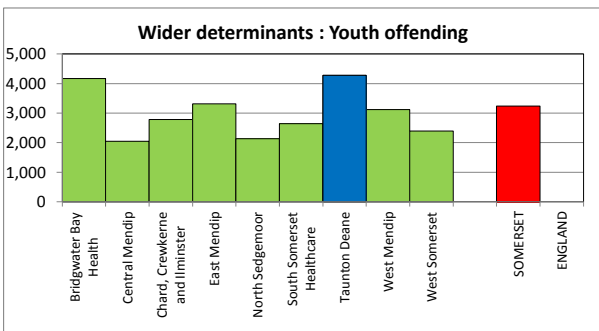
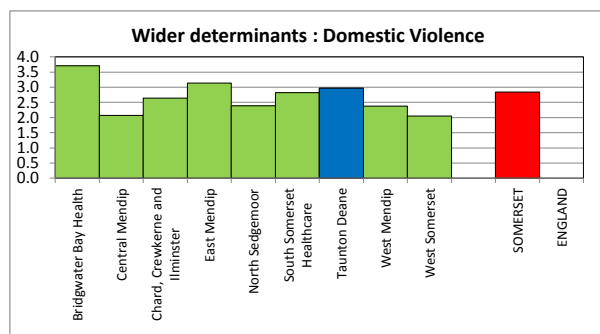
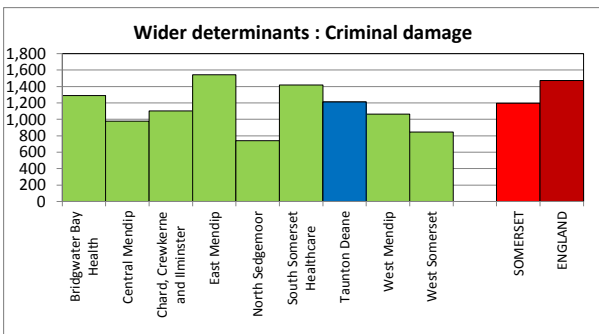
England figures are not available for all indicators and some may not be for exactly the same time period and may differ slightly in definition. This is indicated in the table below

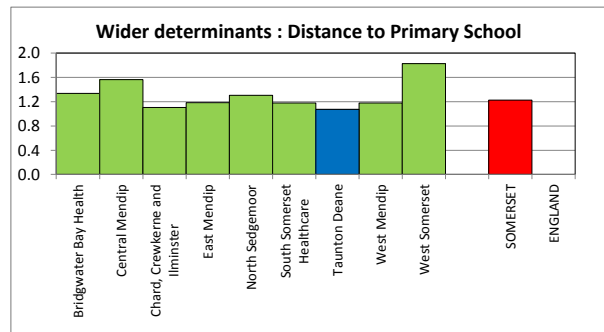
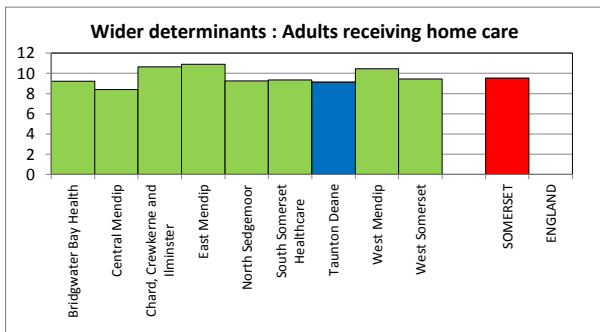
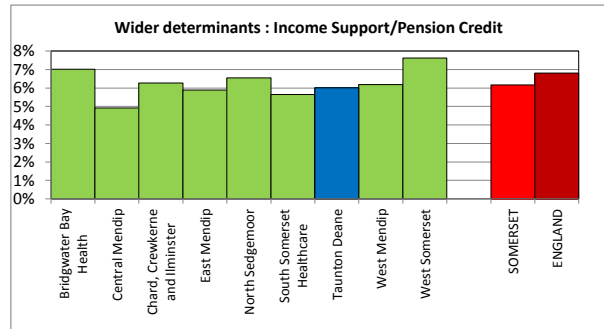
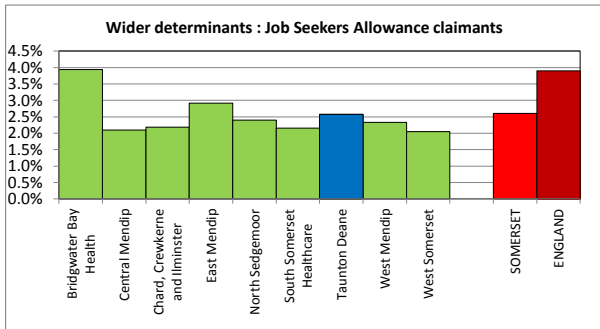
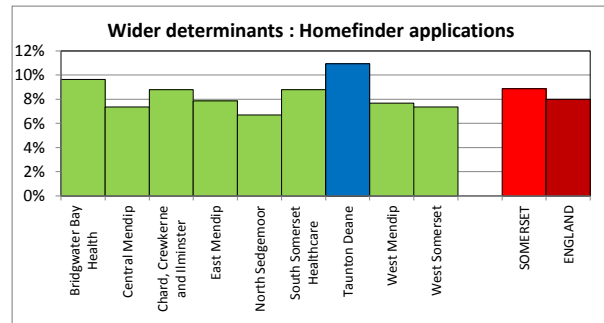
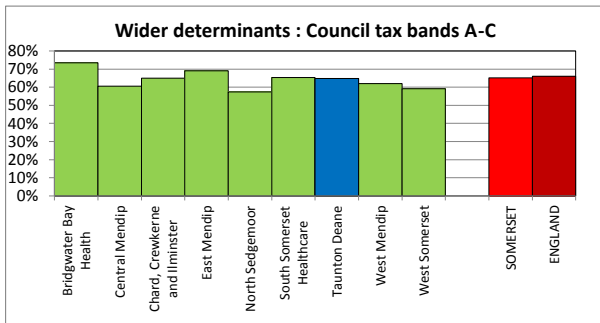
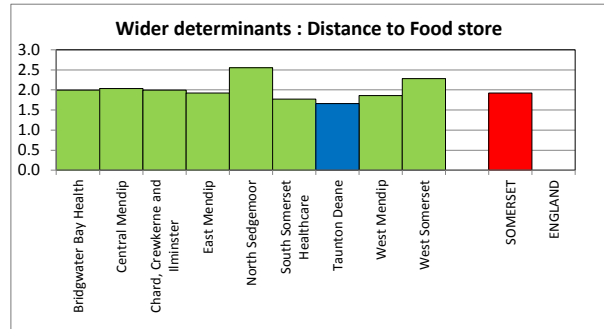
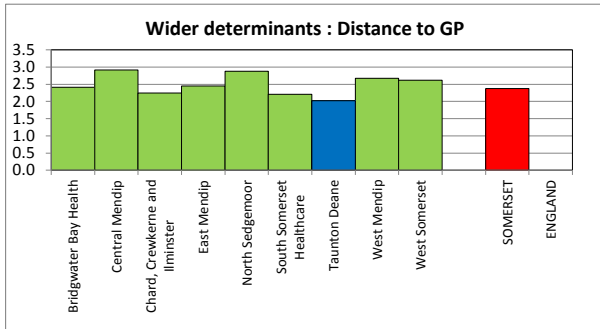
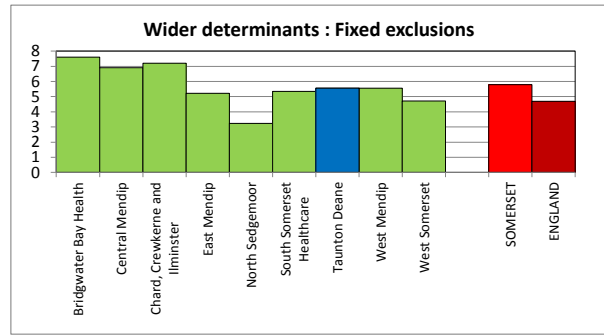
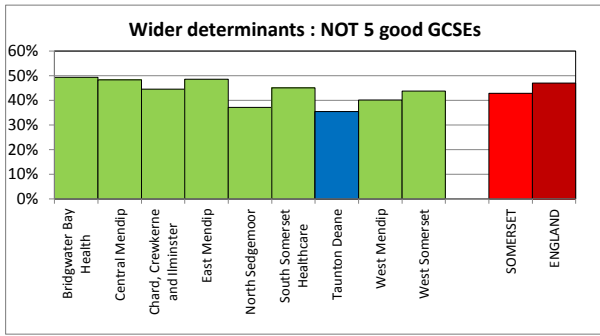
	Federation	Somerset	England	Range of Federation values
Criminal damage (rate per 100,000) (2009/10)	1,210	1,195	1,472 (England & Wales)	740 to 1,544
Domestic violence (rate per 100 households) (2009/10)	3.0	2.8	n/a	2.1 to 3.7
Youth offending team referrals (rate per 100,000 aged 10-17) (2010)	4,272	3,233	n/a	2,046 to 4,272
All pupils with Special Educational Needs (rate per 1000 pupils) (At January 2010)	200	213	211	153 to 282
GCSE Passes (% NOT getting 5 A*-C, including Maths and English) (School year 2009/10)	36%	43%	47% (includes private schools)	36% to 49%
Fixed exclusions (rate per 100 pupils) (School year 2009/10)	5.6	5.8	4.7	3.2 to 7.6
Distance to nearest GP (km) (January 2010)	2.0	2.4	n/a	2.0 to 2.9
Distance to nearest food store (km) (January 2010)	1.7	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)	11%	9%	8% (different time period and definition may be different)	7% to 11%
Job Seekers Allowance claimants (% working age population) (November 2011)	2.6%	2.6%	3.9%	2.0% to 3.9%
Income Support or Pension Credit claimants (%) (Nov 2011)	6.0%	6.2%	6.8%	4.9% to 7.6%
Adults receiving home care (rate per 1000 aged 18+) (March 2010)	9.1	9.6	n/a	8.4 to 10.9
Distance to nearest primary school (km) (January 2010)	1.1	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)	19.3%	19.8%	25.8%	18.3% to 22.5%
Attendance Allowance claimants (% of those aged 65 and over) (Nov 2011)	17.2%	16.8%	15.6% (Aug 11)	15.6% to 17.6%
Single pensioners claiming pension credits (% of those aged 65 and over) (Nov 2011)	15.4%	15.2%	20.0%	13.7% to 17.1%
Community services recipients aged 65+ (rate per 1000 aged 65+) (March 2011)	49	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



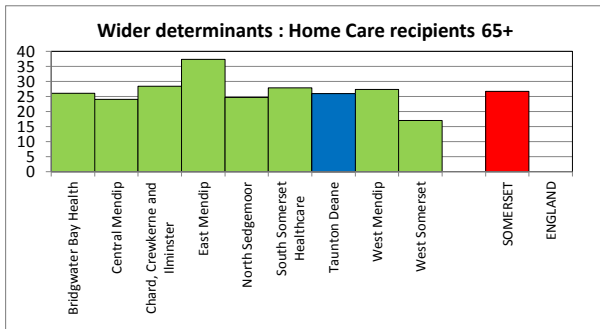
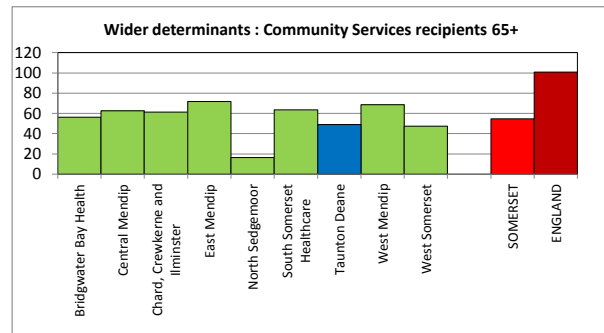
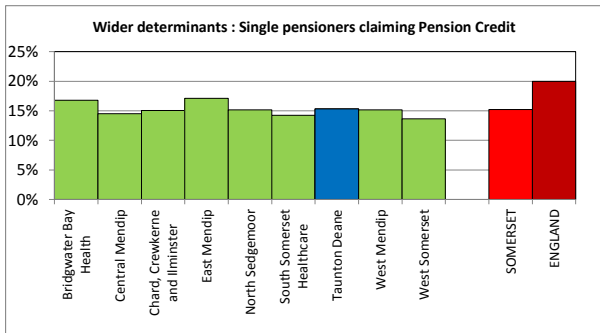
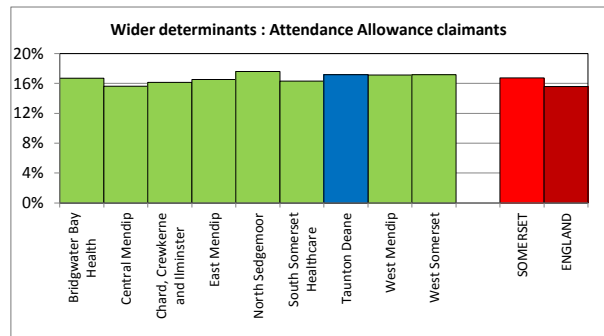
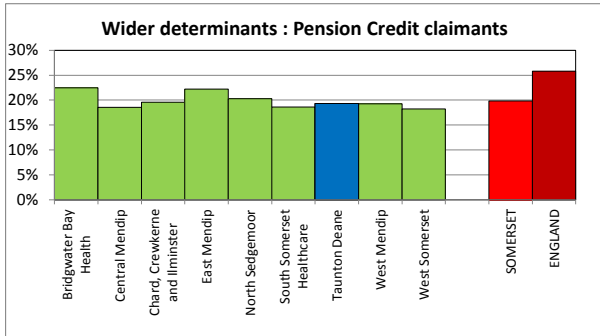
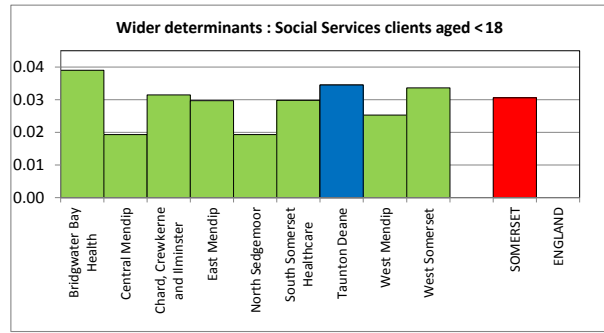
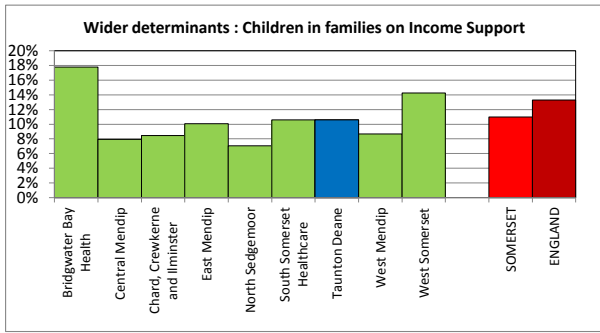
**The Federation has the highest value in the county for:**  
 Youth offending team referrals ( rate per 100,000 aged 10-17)    Applications for housing on Homefinder (% of households)

**The Federation has the lowest value in the county for:**  
 GCSE Passes (% NOT getting 5 A\*-C, including Maths and English)    Distance to nearest GP (km)    Distance to nearest food store (km)    Distance to nearest primary school (km)





# Taunton Deane



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.

Taunton Deane has high prevalence rates of chronic kidney disease and thyroid disease and low rates of hypertension.

This area has a lower life expectancy for females than the rest of Somerset and has a higher standardised mortality ratio for all causes and all ages.

Emergency admissions and outpatient attendances for all ages, those aged 75+ and those aged <18 are higher which may be linked to the main hospital being based in Taunton.

However, elective admissions for all ages is lower for this federation.

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

- Hospital admissions (Emergency: All ages, those aged 75+ and those aged <18)
- First outpatient attendances (All ages, those aged 75+ and those aged <18)
- Chronic kidney disease