

# Information about diabetes – where have we got to?



**National Diabetes  
Information Service**

**Established December 2008**



# National Diabetes Information Service

NDIS Portal

<http://ndis.ic.nhs.uk/>





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## About NDIS

- What is NDIS?
- Why do we have NDIS?
- Who's involved?

## What is NDIS?

The National Diabetes Information Service (NDIS) provides support to the NHS by providing streamlined access to a comprehensive suite of diabetes information products, datasets and tools, via one web portal.

NDIS provides health commissioners, providers and people with diabetes with the necessary information to aid decision making and improve services on a local and national level.

## Why do we have NDIS?

There are currently 2.5 million people in the UK diagnosed with diabetes, and it is predicted that it could be 4 million by 2025. A near tripling of cases in the past 30 years makes diabetes one of the biggest costs and challenges facing the NHS. It is vital that those working with diabetes have access to all the information they need to plan resource and ultimately improve patient care.

A listening exercise in 2007 identified that whilst there was a large amount of diabetes information available, health professionals were unsure where to find it all. NDIS aims to create a repository for all diabetes data and tools, accessible from one place.

## Who's involved?

A number of organisations are working in partnership to create the National Diabetes Information Service (NDIS), drawing on a vast range of diabetes knowledge and expertise. An NDIS Partnership Board is chaired by Dr Rowan Hillson MBE, the National Clinical Director for Diabetes. The National Diabetes Information Service was launched with the financial support of NHS Diabetes, who are now working in partnership with the NHS Information Centre for health and social care to provide this service.

An NDIS Expert User Group has also been created, where diabetes and health professionals use their expertise to provide valuable feedback on NDIS tools and services as they are developed.

If you're interested in joining the Expert User Group please email with your details to [ndis@ic.nhs.uk](mailto:ndis@ic.nhs.uk)

Our key partners are;





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## NDIS Tools

You can access a comprehensive set of analytical and reporting tools for diabetes. For some of the tools, you may need to register as a new user, or use your existing sign on details if you're already registered.

**Tools**

**Health Needs Assessments**  
A version of the Diabetes HNA application is now available. Please note that a number of minor visual issues remain in the system, however the data has been extensively checked and verified. Please let us know by email if you experience any anomalies by at [ndis@ic.nhs.uk](mailto:ndis@ic.nhs.uk)

**Diabetes Community Health profiles**

**DOVE tool (Diabetes Health Intelligence)**  
Allows users to see the relative position of a selected PCT in terms of spending on diabetes care and outcomes in this area. This is shown in comparison to other PCTs in the Diabetes Area Classification Group and all other PCTs.

**Diabetes Data Directory**

**National Diabetes Audit (NDA) dashboard.**

**PIANO (Performance Indicator Analysis Online)**

**Diabetes Area Classification (DAC)**

**Diabetes Infobank Tool**

**PCT Self-assessment tool (DiabetesE/Innov)**

**Diabetes Inpatient Activity**  
This NDIS analysis examined whether a patient's stay

**Tools in development**

**Patient Toolkit**

**GP Toolkit**

**Children and Young People with Diabetes Community Health Profiles**  
Will allow users to bring together a range of data on diabetes and related issues into a downloadable PDF.



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## Diabetes Data

**Diabetes Patient Experience Project (DPEP)**

**National Diabetes Audit (NDA)**

**Prescribing for Diabetes Report**

Summary of Children and Young People with diabetes 2009

Pregnancy and Diabetes audit (in development)

Inpatients report (in development)

Foot care reports (in development)

Retinopathy

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### Useful Links



- [Diabetes UK Infobank](#)
- [NHS Comparators](#)
- [National institute of Clinical Excellence \(NICE\)](#)
- [Department of Health](#)
- [Healthcare Quality Improvement Partnership](#)
- [Royal College of Physicians](#)
- [Royal College of General Practitioners](#)
- [Royal College of Nursing](#)
- [Royal College of Paediatrics and Child Health](#)
- [Association of Clinical Diabetologists \(ABCD\)](#)
- [Primary Care Diabetes Society \(PCDS\)](#)
- [International Diabetes Federation \(IDF\)](#)
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Diabetes HNA Data Packs

### Diabetes HNA Data Packs

Your organisation is **Salford PCT (5F5)**. You can change your organisation and view the indicators of other areas by selecting a different organisation from the left hand menu.

#### Search performance indicators

You can search for indicators by using the key word indicator search, by searching through the contents of indicators or by viewing the dashboard below.

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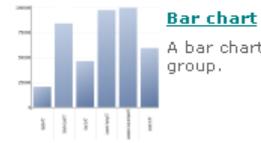
< Previous 2.2.1.1 - Raw Prevalence Next >

"Raw Prevalence figures are the number of people aged 17+ with diagnosed diabetes over by the estimated total number of people aged 17+, registered at GP practices in the PCT."

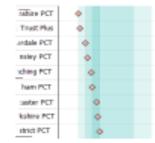
System Refreshed: 03 November 2009 Available Data: To be confirmed Next Data Update: To be confirmed Source: QoF 08/09

If there is no bar on the bar chart for a PCT that means the value is '0' for that PCT

Available data



Bar chart A bar chart showing the latest values for the selected peer group.



Box plot A box-plot showing the relative rankings of latest values for the selected peer group. The shaded area shows the National range of values split into top and bottom deciles and quartiles highlighting the National median.

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Options

Peer Groups

SMDRSS

Create new peer groups

Add to favourites

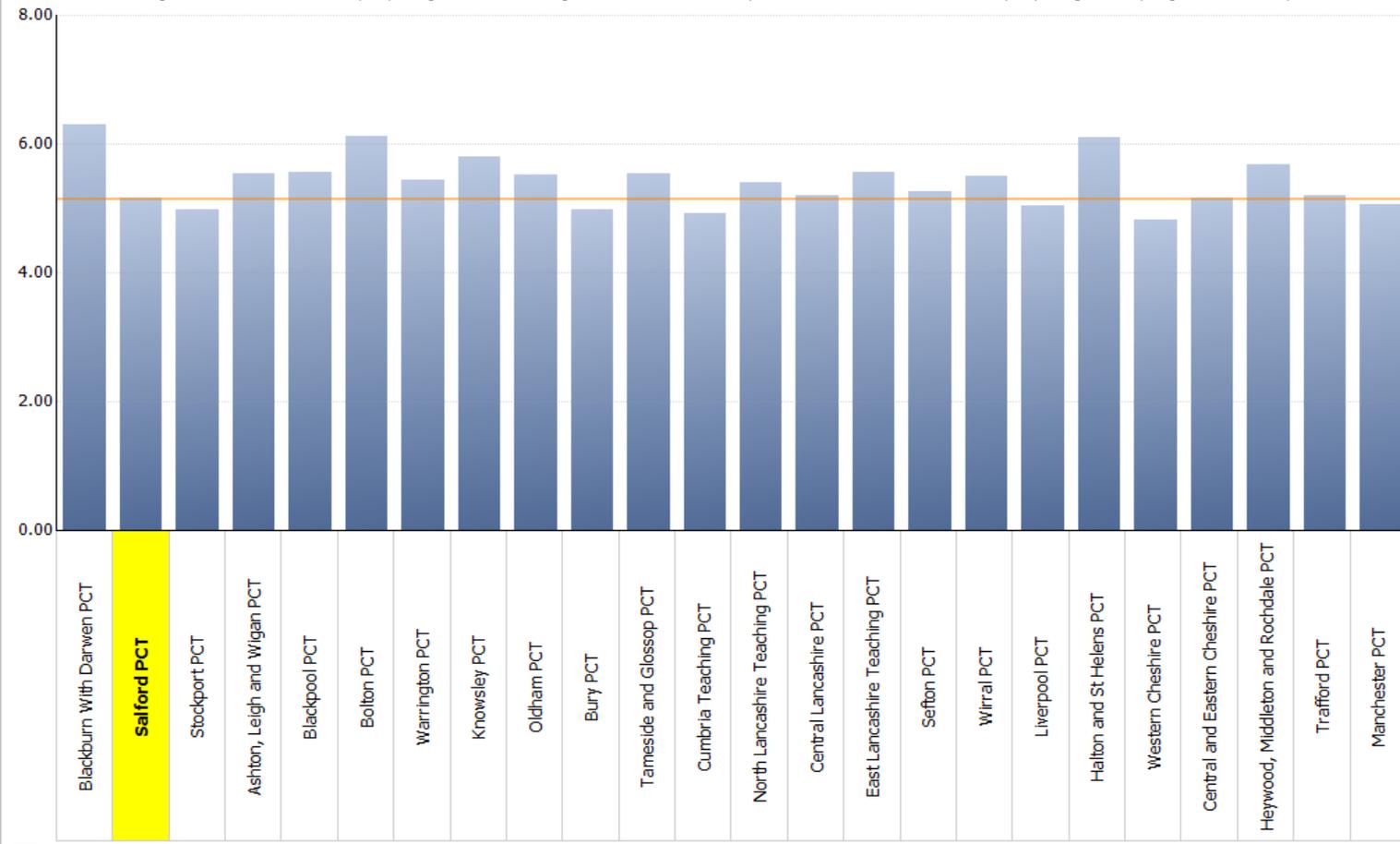
Download CSV

This will download all the available data for the current indicator and peer group selected.

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### 2.2.1.1 - Raw Prevalence

"Raw Prevalence figures are the number of people aged 17+ with diagnosed diabetes over by the estimated total number of people aged 17+, registered at GP practices in the PCT."



Raw Prevalence  
National Average (Raw Prevalence)

Source: QoF 08/09



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### Peer Groups: New

Choose a name for your new Peer Group below.

Name:

**Quick links**

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**Create a Peer Group**

Enter the name of the new peer group and click on the 'Save' button. The newly created peer group will be displayed. Click on the 'Edit' links to add organisations and local authorities.



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Add new organisations from the list below.

SHAs: North West Strategic Health Authority

RTV	5 Boroughs Partnership NHS Trust	Add
REM	Aintree University Hospitals NHS Foundation Trust	Add
RBS	Alder Hey Children'S NHS Foundation Trust	Add
5HG	Ashton, Leigh and Wigan PCT	Add
5CC	Blackburn With Darwen PCT	Add
5HP	Blackpool PCT	Add
RXL	Blackpool, Fylde and Wyre Hospitals NHS Foundation Trust	Add
5HQ	Bolton PCT	Add
5JX	Bury PCT	Add
RJX	Calderstones Partnership NHS Foundation Trust	Add
5NP	Central and Eastern Cheshire PCT	Add
5NG	Central Lancashire PCT	Add
RW3	Central Manchester University Hospitals NHS Foundation Trust	Add
RXA	Cheshire and Wirral Partnership NHS Foundation Trust	Add
REN	Clatterbridge Centre For Oncology NHS Foundation Trust	Add
RJR	Countess Of Chester Hospital NHS Foundation Trust	Add
RNN	Cumbria Partnership NHS Foundation Trust	Add
5NE	Cumbria Teaching PCT	Add
RJN	East Cheshire NHS Trust	Add
RXR	East Lancashire Hospitals NHS Trust	Add
5NH	East Lancashire Teaching PCT	Add
RXV	Greater Manchester West Mental Health NHS Foundation Trust	Add
5NM	Halton and St Helens PCT	Add
5NQ	Heywood, Middleton and Rochdale PCT	Add
5J4	Knowsley PCT	Add
RW5	Lancashire Care NHS Foundation Trust	Add
RXN	Lancashire Teaching Hospitals NHS Foundation Trust	Add

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Editing Peer Groups

**Remove** organisations by clicking the remove button next to the appropriate organisation.

**Add** organisations by selecting the appropriate SHA and then click on the add button.

REP	Liverpool Women's NHS Foundation Trust	Add
TAE	Manchester Mental Health and Social Care Trust	Add
RW4	Mersey Care NHS Trust	Add
RBT	Mid Cheshire Hospitals NHS Foundation Trust	Add
RNL	North Cumbria University Hospitals NHS Trust	Add
SNF	North Lancashire Teaching PCT	Add
RX7	North West Ambulance Service NHS Trust	Add
5J5	Oldham PCT	Add
RW6	Pennine Acute Hospitals NHS Trust	Add
RT2	Pennine Care NHS Foundation Trust	Add
RMC	Royal Bolton Hospital NHS Foundation Trust	Add
RQ6	Royal Liverpool and Broadgreen University Hospitals NHS Trust	Add
RM3	Salford Royal NHS Foundation Trust	Add
5NJ	Sefton PCT	Add
RVY	Southport and Ormskirk Hospital NHS Trust	Add
RBN	St Helens and Knowsley Hospitals NHS Trust	Add
RWJ	Stockport NHS Foundation Trust	Add
RMP	Tameside Hospital NHS Foundation Trust	Add
RBV	The Christie NHS Foundation Trust	Add
RET	The Walton Centre NHS Foundation Trust	Add
RM4	Trafford Healthcare NHS Trust	Add
RM2	University Hospital Of South Manchester NHS Foundation Trust	Add
RTX	University Hospitals Of Morecambe Bay NHS Trust	Add
RWW	Warrington and Halton Hospitals NHS Foundation Trust	Add
5J2	Warrington PCT	Add
5NN	Western Cheshire PCT	Add
5NK	Wirral PCT	Add
RBL	Wirral University Teaching Hospital NHS Foundation Trust	Add
RRF	Wrightington, Wigan and Leigh NHS Foundation Trust	Add

**Your currently selected organisations:**

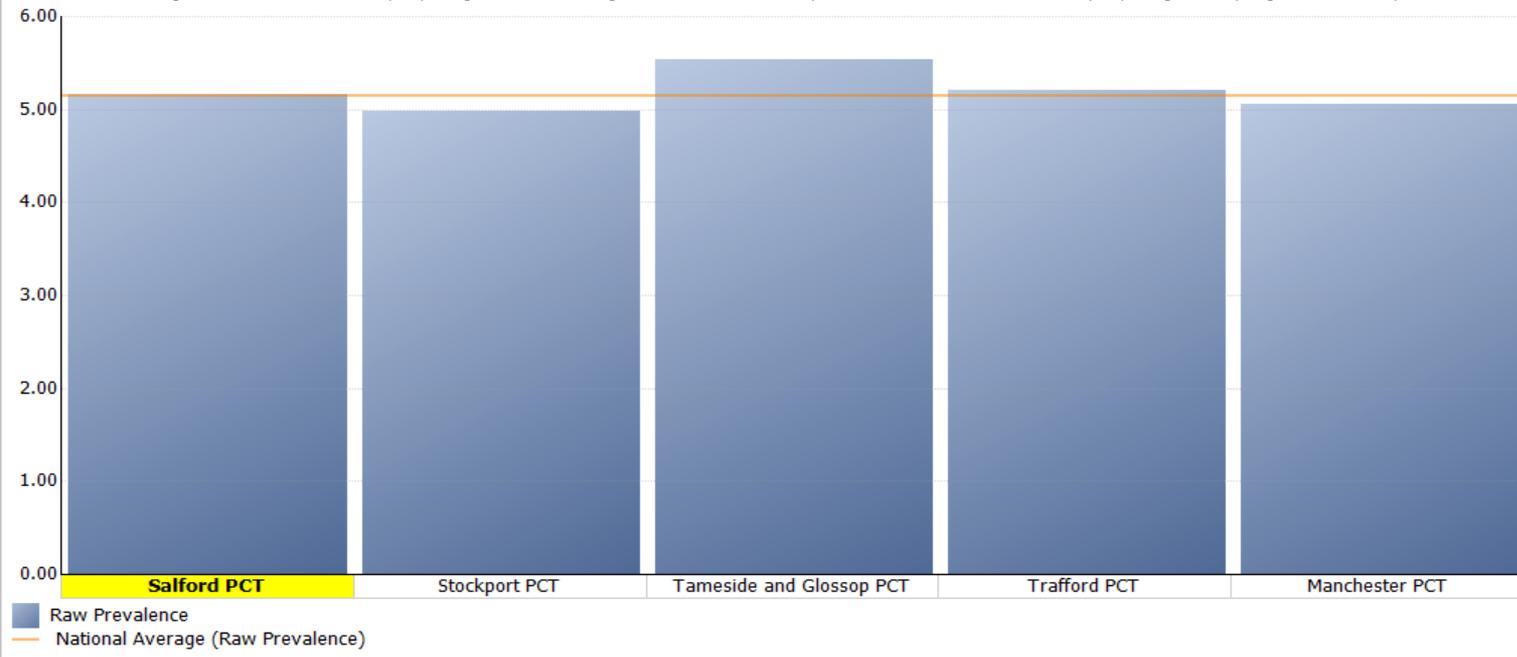
5NT	Manchester PCT	Remove
5F5	Salford PCT	Remove
5F7	Stockport PCT	Remove
5LH	Tameside and Glossop PCT	Remove
5NR	Trafford PCT	Remove

Finish

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### 2.2.1.1 - Raw Prevalence

"Raw Prevalence figures are the number of people aged 17+ with diagnosed diabetes over by the estimated total number of people aged 17+, registered at GP practices in the PCT."



Source: QoF 08/09



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    - 5.1.3.7 Healthy Eating and Physical Activity
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    - 5.1.3.9 Provision of care in different settings
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### 5.1.1 - DiabetesE Results Dashboard for PCT

Summarised results for Diabetes - PCT Questionnaire

Displayed peer group Organisation

<b>Leadership</b> Score: 100% ★★★★★	<b>Policy and Strategy</b> Score: 97% ★★★★★	<b>Staff</b> Score: 81% ★★★★★
<b>Prevention of Type 2 Diabetes</b> Score: 91% ★★★★★	<b>Identification of People with Diabetes</b> Score: 87% ★★★★★	<b>Initial Management</b> Score: 100% ★★★★★
<b>Annual Review</b> Score: 90% ★★★★★	<b>Metabolic Management</b> Score: 100% ★★★★★	<b>Risk Factors for Cardiovascular Disease</b> Score: 100% ★★★★★
<b>Hospital Admissions</b> Score: 100% ★★★★★	<b>Eye Screening</b> Score: 100% ★★★★★	<b>Renal Screening and Management</b> Score: 93% ★★★★★
<b>Footcare and Lower Limb Complications</b> Score: 95% ★★★★★	<b>Children and Young People with Diabetes</b> Score: 100% ★★★★★	<b>Pregnancy</b> Score: 100% ★★★★★
<b>Elderly</b> Score: 100% ★★★★★	<b>Clinical Information Systems</b> Score: 100% ★★★★★	

The traffic light system represents how your organisation faired against others that have completed the questionnaire as described below.

- Green** - Your organisation is in the top 25% of the group
- Amber** - Your organisation fell within the middle of the group
- Red** - Your organisation is in the bottom 25% of the group
- Gray** - Insufficient organisations have answered at this point to rank your score

Source: DiabetesE



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< Diabetes HNA Data Packs < 5. Provision of Service and Care < 5.1.2

### 5.1.2 - DiabetesE Top 5 Priority Recommendations

1. The PCT's structured programme of care should require that all staff involved in the diabetes service/network are trained in the assessment of individual patient learning needs.
2. The diabetes specialist team should work towards introducing patient held records.
3. The PCT should distribute diabetes service audit reports to practices.
4. There should be an agreed pathway of care to support people with diabetes undergoing minor and major amputation both pre and post operatively.
5. The PCT should have arrangements that ensure new staff have appropriate supervision until they are able to operate independently.

Source: DiabetesE

The recommendations are for your default PCT which you have chosen at registration time Data may not be available for some PCTs; this because either we have not been granted permission to use it or they did not participate in collection



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    - 5.1.3.4.4
    - 5.1.3.4.5
    - 5.1.3.4.6
    - 5.1.3.4.7
    - 5.1.3.4.8
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### 5.1.3.4.6 – Does the PCT have written protocols for the transfer of young people with diabetes from paediatric services to adult services? Diabetes UK, PCT Progress Survey

System Refreshed: 03 November 2009

Available Data: To be confirmed

Next Data Update: To be confirmed

Source: DiabetesE/Diabetes UK

Data may not available for some PCTs; this because either we have not been granted permission to use it or they did not participate in collection

#### Available data

North Lincolnshire PCT	Yes
North Lincolnshire PCT	Yes
Colchester PCT	Yes
Donkey PCT	Yes
Leeds PCT	Yes
St Helens PCT	No
Walsford District PCT	No
Sheffield PCT	Yes
Doncaster PCT	Yes
South Yorkshire and Tees PCT	No
East Riding of Yorkshire PCT	Yes

**Grid**

A grid showing the latest yes/no values for the selected peer group.

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This will download all the available data for the current indicator and peer group selected.

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### 5.1.3.4.6 - Does the PCT have written protocols for the transfer of young people with diabetes from paediatric services to adult services? Diabetes UK, PCT Progress Survey

2007/2008	
Blackburn With Darwen PCT	No
Salford PCT	Yes
Bolton PCT	Yes
Oldham PCT	No
Bury PCT	Yes
Tameside and Glossop PCT	Yes
North Lancashire Teaching PCT	Yes
Central Lancashire PCT	No
East Lancashire Teaching PCT	Yes
Sefton PCT	Yes
Wirral PCT	Yes
Western Cheshire PCT	Yes
Central and Eastern Cheshire PCT	Yes
Heywood, Middleton and Rochdale PCT	No
Trafford PCT	Yes
Manchester PCT	Yes
National Average	60.71

Source: DiabetesE/Diabetes UK

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### 5.1.3.8.1 - Is there a specialist multidisciplinary foot care team to assess and manage limb threatening diabetic foot disease? DiabetesE

2007/2008	
Blackburn With Darwen PCT	Yes
Salford PCT	Yes
Stockport PCT	Yes
Ashton, Leigh and Wigan PCT	Yes
Blackpool PCT	Yes
Bolton PCT	Yes
Oldham PCT	No
Bury PCT	Yes
Tameside and Glossop PCT	Yes
Cumbria Teaching PCT	Yes
Central Lancashire PCT	Yes
East Lancashire Teaching PCT	No
Sefton PCT	Yes
Wirral PCT	No
Western Cheshire PCT	Yes
Heywood, Middleton and Rochdale PCT	No
Trafford PCT	Yes
Manchester PCT	Yes
National Average	85

Source: DiabetesE/Diabetes UK

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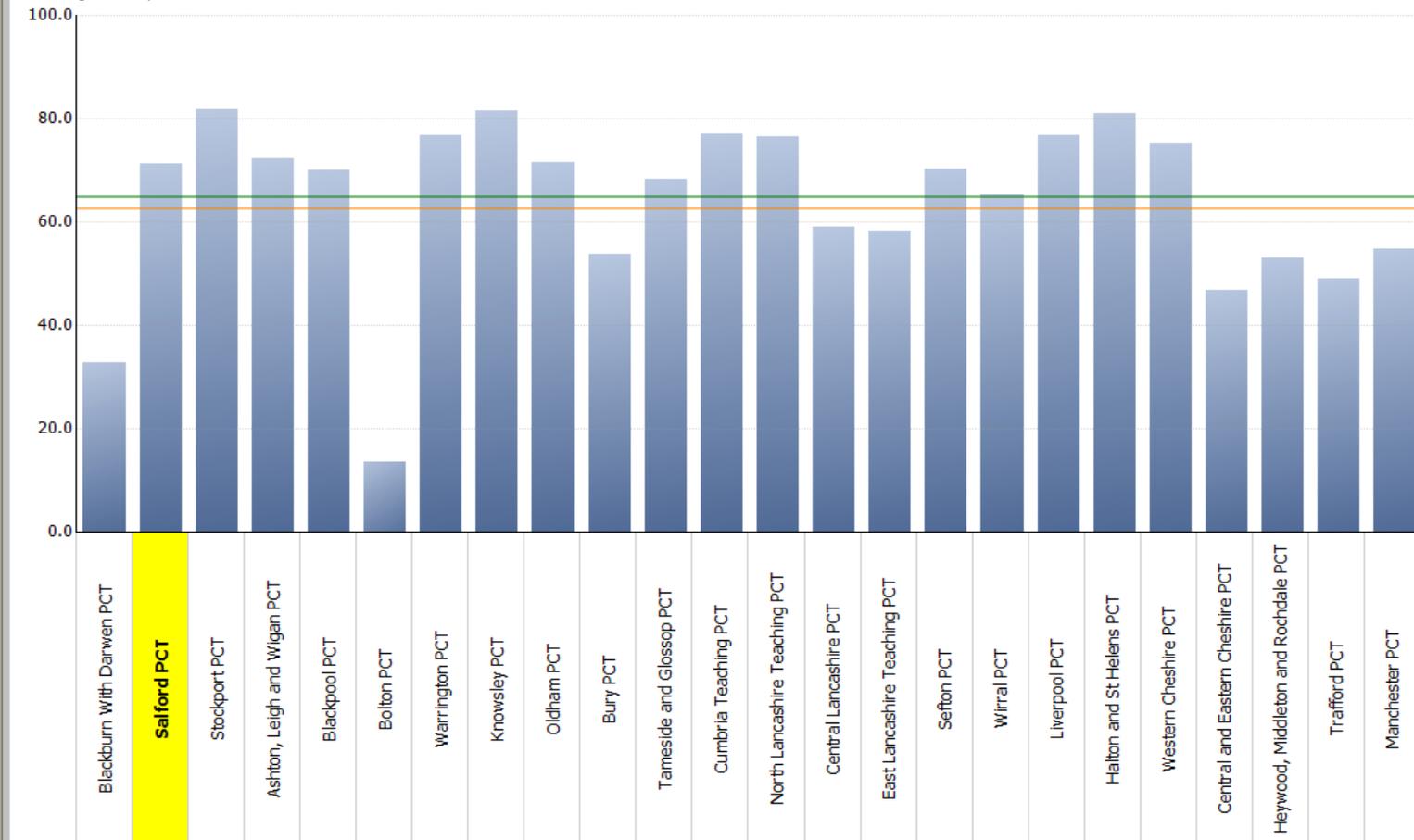
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### 6.1.5.2.1 - % of registered patients

% of registered patients in PCTs with Urine Albumin and Creatinine Ratio Measured



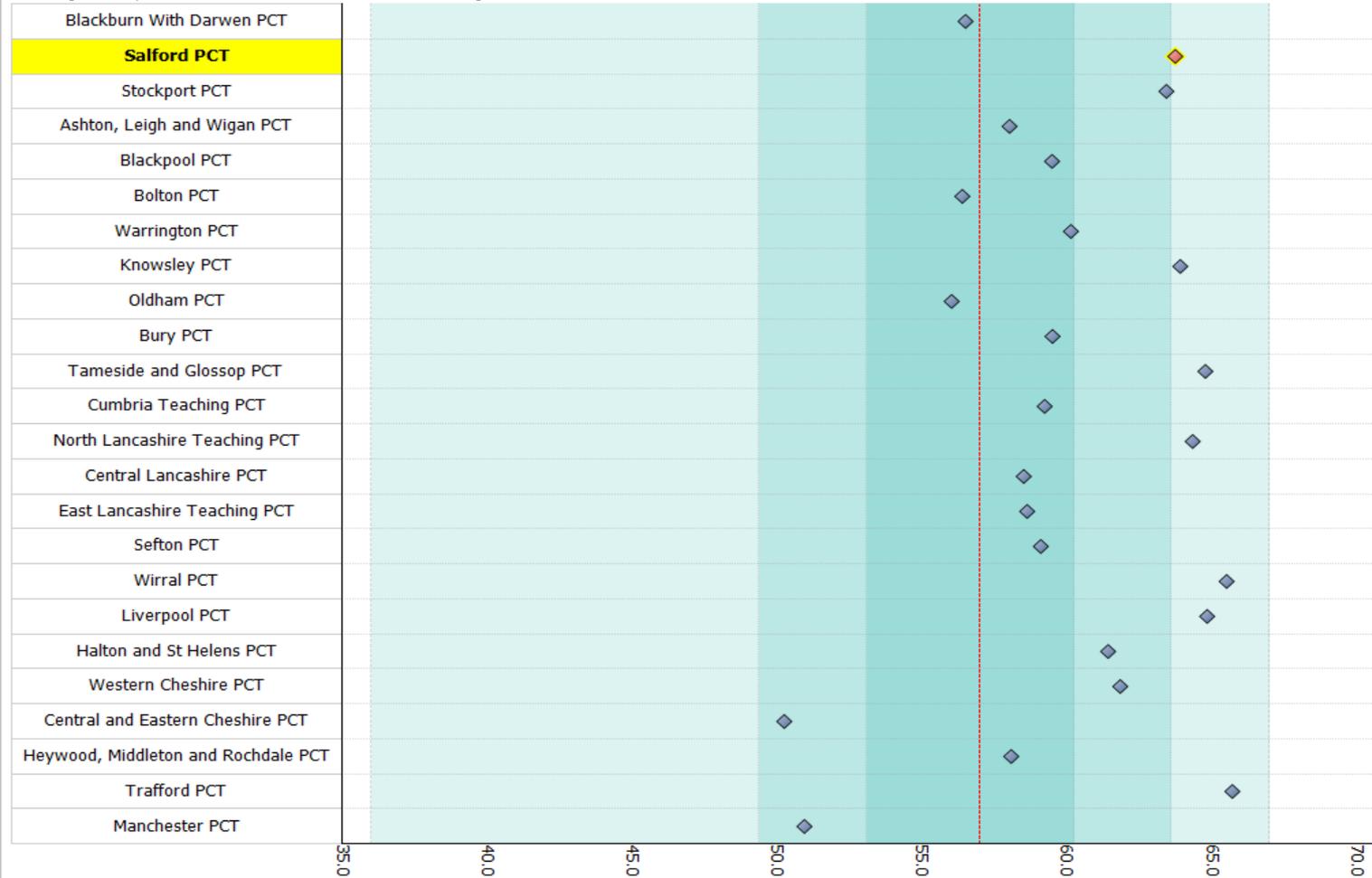
■ % of registered patients  
— National Average (% Of Registered Patients )  
— North West Strategic Health Authority SHA Average (% Of Registered Patients )

Source: National Diabetes Audit

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### 6.2.4.1 - % of registered patients

% of registered patients in PCTs with NICE Glucose control guideline achieved



◆ % of registered patients  
0-10% 10-25% 25-50% 50-75% 75-90% 90-100% --- Median (57.0)

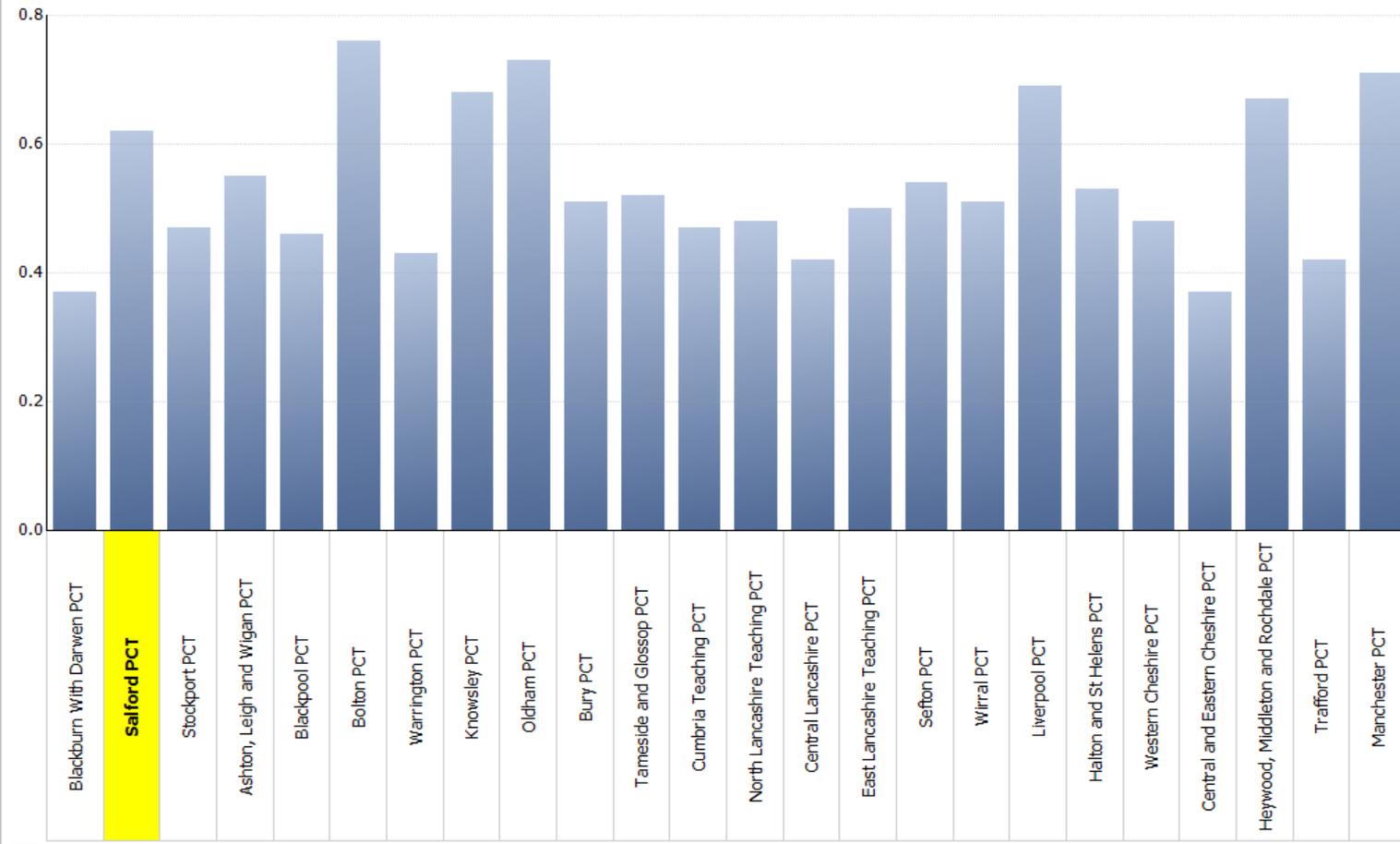
Source: National Diabetes Audit



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### 7.3.1.2 - Prevalence %

Prevalence % - Ketoacidosis

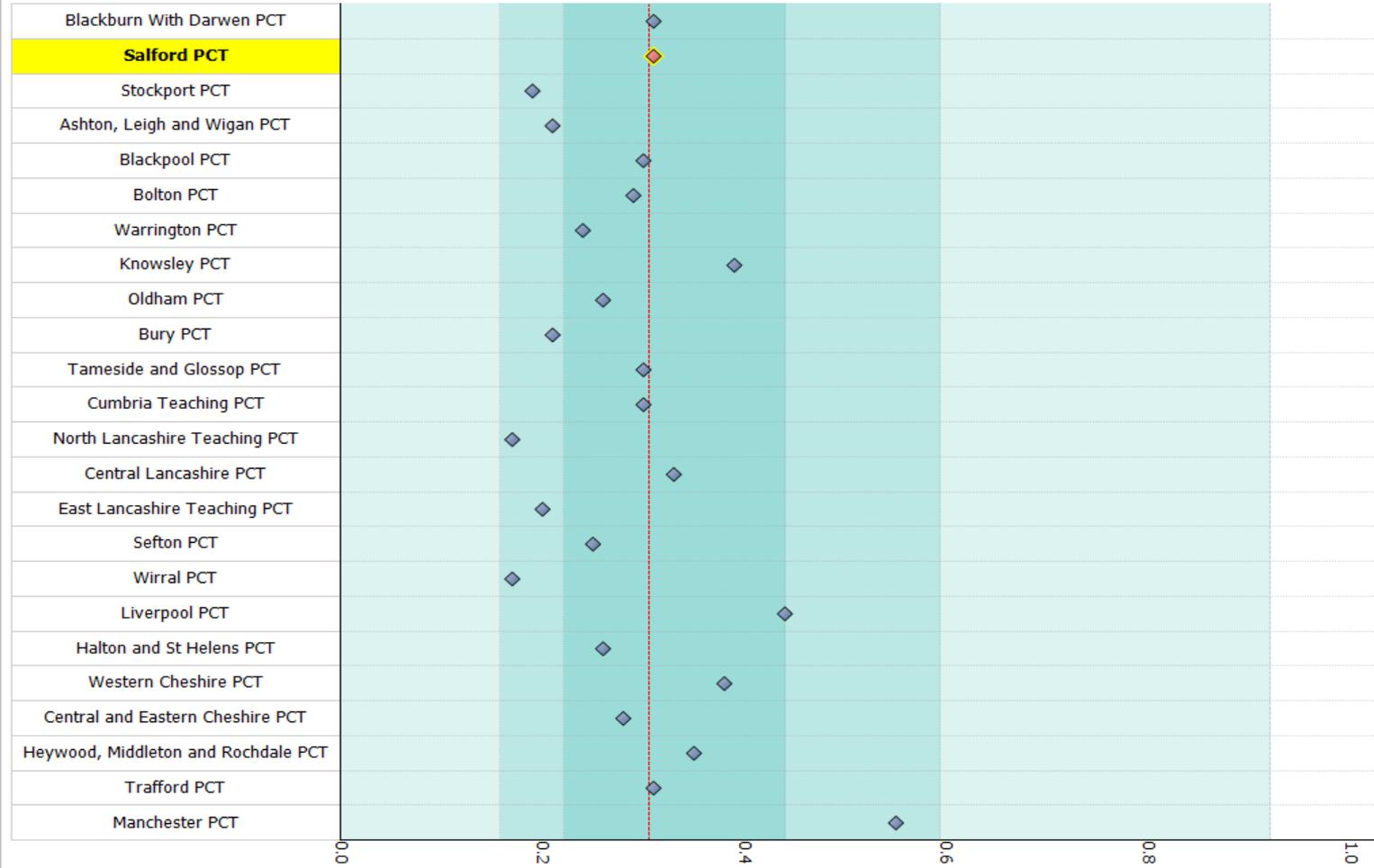


Prevalence %  
Source: National Diabetes Audit

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### 7.3.5.2 - Prevalence %

Prevalence % - Renal Failure



◆ Prevalence %  
0-10% 10%-25% 25%-50% 50%-75% 75%-90% 90%-100% --- Median (0.3)

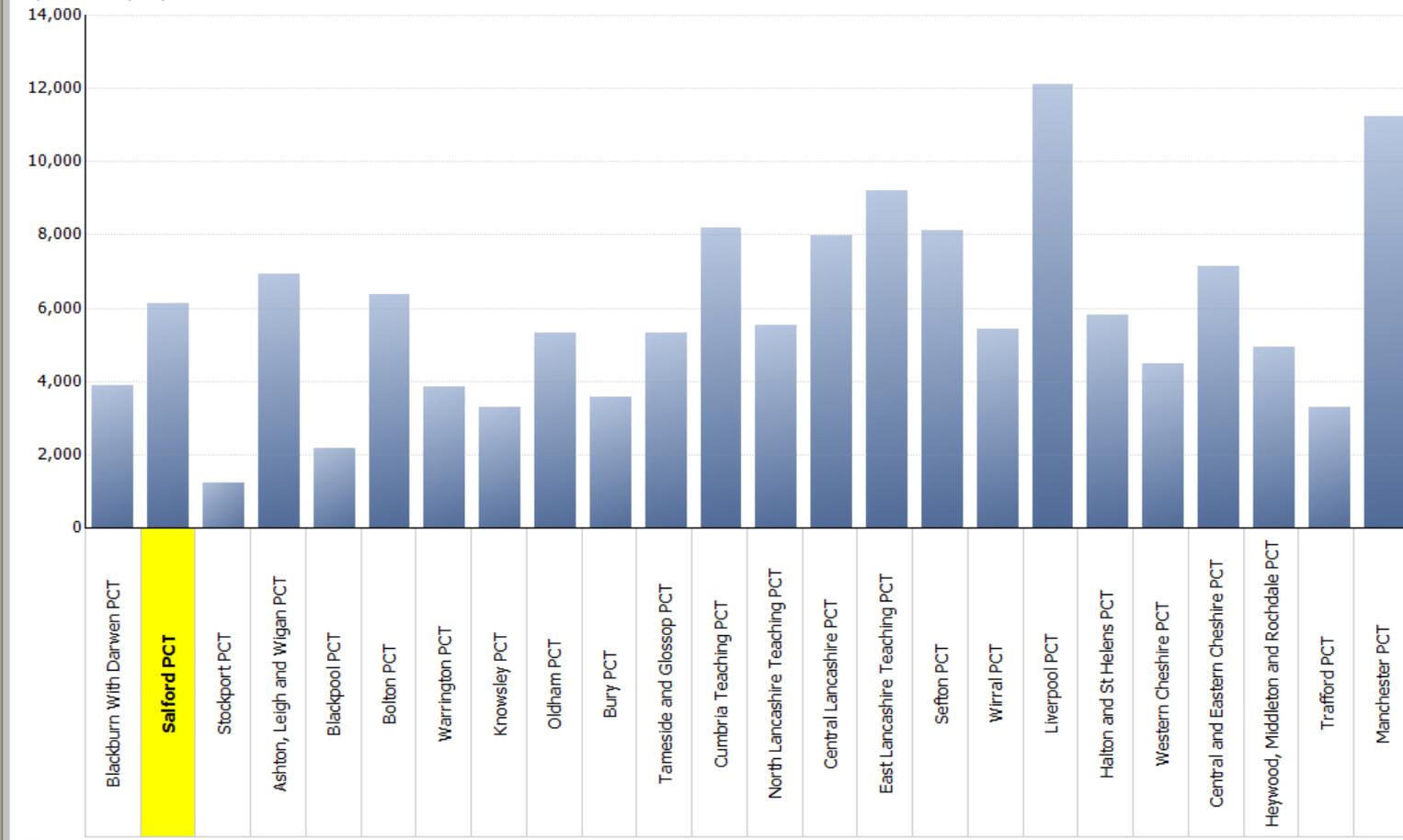
Source: National Diabetes Audit



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### 8.1.1 - Net Expenditure

Expenditure by Population



Net Expenditure

Source: Department of Health 2004-2008





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### Welcome to the National Diabetes Information Service

Welcome to the National Diabetes Information Service (NDIS), where you can find a comprehensive range of diabetes data, tools and information, easily accessible from this website. Over the next few months, we will be adding more data and more valuable tools to the website. If you have any queries, suggestions, or would like to receive our email update please contact us at [ndis@ic.nhs.uk](mailto:ndis@ic.nhs.uk)

#### Latest News and Events

##### Diabetes Inpatient Activity

This NDIS analysis examined whether a patient's stay was affected if they had diabetes, and if any effect was further influenced by factors like age or the reason for admission. The study analysed 2007/08 data from both the Hospital Episode Statistics database and the National Diabetes Audit.

##### DiabetesE Fifth National Report now available

This report from Innove presents findings for 2009 that demonstrate how DiabetesE is

#### Diabetes Data Directory

##### Diabetes Data Directory

The Diabetes Data Directory, produced by Yorkshire and Humber Public Health Observatory (YHPHO), is a comprehensive list of diabetes datasets and tools, that describes the tools and their use, as well as linking out to relevant websites.

Users can also search through a list of common questions that commissioners, clinicians and others may be asking, and the Diabetes Data Directory will highlight where the answers can be found.

- 3.1.2.14
- 3.1.2.15
- 3.1.2.16
- 3.1.2.17
- 3.1.2.18



North Lincolnshire PCT	Yes
North Lincolnshire PCT	Yes
Griffithside PCT	Yes
Barnsley PCT	Yes
Leeds PCT	Yes
Bradford PCT	Yes
Westfield District PCT	No
Sheffield PCT	Yes
Doncaster PCT	Yes
North Lincolnshire and West PCT	Yes
East Riding of Yorkshire PCT	Yes

#### Grid

A grid showing the latest values for the selected peer group.

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# Diabetes Community Health Profiles



The Diabetes Community Health Profiles bring together a wide range of data on diabetes in adults into a single source for the purposes of benchmarking. The tool allows you to download a diabetes profile for each PCT in England.

In order to locate the PCT profile you require please select a Strategic Health Authority from the dropdown list. The tool will then generate a list of PCTs within that Strategic Health Authority.

"The Diabetes Community Health Profiles are an invaluable tool to highlight key diabetes issues for each PCT. They will assist the diabetes community to identify health needs and plan services."  
*Anna Morton, Programme Director NHS Diabetes*

Select the SHA here:

Diabetes Health Intelligence is a strategic programme of Yorkshire and Humber Public Health Observatory providing national diabetes health intelligence

*Please note: The data in the Diabetes Community Health Profiles were updated on 23rd October 2009.*

of PCTs within that Strategic Health Authority.

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*Anna Morton, Programme Director NHS Diabetes*

Select the SHA here:

North West SHA

PCT code	PCT Name	Cluster <sup>1</sup>	SHA name	Download
5CC	Blackburn with Darwen PCT	Purple	North West SHA	<a href="#">5CC_Diabetes Profile</a>
5F5	Salford PCT	Purple	North West SHA	<a href="#">5F5_Diabetes Profile</a>
5F7	Stockport PCT	Yellow	North West SHA	<a href="#">5F7_Diabetes Profile</a>
5HG	Ashton, Leigh and Wigan PCT	Orange	North West SHA	<a href="#">5HG_Diabetes Profile</a>
5HP	Blackpool PCT	Orange	North West SHA	<a href="#">5HP_Diabetes Profile</a>
5HQ	Bolton PCT	Purple	North West SHA	<a href="#">5HQ_Diabetes Profile</a>
5J2	Warrington PCT	Orange	North West SHA	<a href="#">5J2_Diabetes Profile</a>
5J4	Knowsley PCT	Purple	North West SHA	<a href="#">5J4_Diabetes Profile</a>
5J5	Oldham PCT	Purple	North West SHA	<a href="#">5J5_Diabetes Profile</a>
5JX	Bury PCT	Orange	North West SHA	<a href="#">5JX_Diabetes Profile</a>
5LH	Tameside and Glossop PCT	Orange	North West SHA	<a href="#">5LH_Diabetes Profile</a>
5NE	Cumbria PCT	Yellow	North West SHA	<a href="#">5NE_Diabetes Profile</a>
5NF	North Lancashire PCT	Yellow	North West SHA	<a href="#">5NF_Diabetes Profile</a>
5NG	Central Lancashire PCT	Orange	North West SHA	<a href="#">5NG_Diabetes Profile</a>
5NH	East Lancashire PCT	Orange	North West SHA	<a href="#">5NH_Diabetes Profile</a>
5NJ	Sefton PCT	Yellow	North West SHA	<a href="#">5NJ_Diabetes Profile</a>
5NK	Wirral PCT	Yellow	North West SHA	<a href="#">5NK_Diabetes Profile</a>
5NL	Liverpool PCT	Purple	North West SHA	<a href="#">5NL_Diabetes Profile</a>
5NM	Halton & St Helens PCT	Orange	North West SHA	<a href="#">5NM_Diabetes Profile</a>
5NN	Western Cheshire PCT	Yellow	North West SHA	<a href="#">5NN_Diabetes Profile</a>
5NP	Central and Eastern Cheshire PCT	Yellow	North West SHA	<a href="#">5NP_Diabetes Profile</a>
5NQ	Heywood, Middleton & Rochdale PCT	Purple	North West SHA	<a href="#">5NQ_Diabetes Profile</a>
5NR	Trafford PCT	Orange	North West SHA	<a href="#">5NR_Diabetes Profile</a>
5NT	Manchester PCT	Purple	North West SHA	<a href="#">5NT_Diabetes Profile</a>

**Clusters** :The Diabetes Health Intelligence Team within the YHPHO have developed a method of clustering PCTs in England on the main risk factor B for diabetes. More information is available at [www.yhpho.org.uk](http://www.yhpho.org.uk)

Diabetes Health Intelligence is a strategic programme of Yorkshire and Humber Public Health Observatory providing national diabetes health intelligence



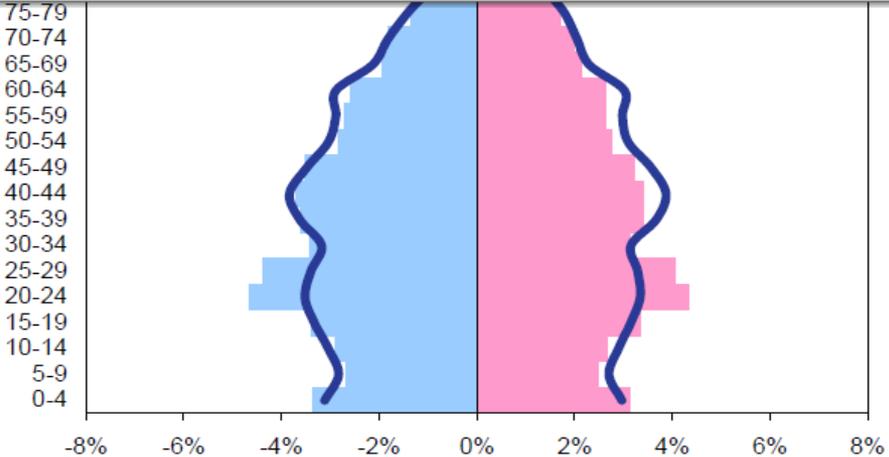
# Diabetes Community Health Profile - An Overview

## Salford PCT

The Diabetes Community Health Profiles bring together a wide range of data on diabetes in adults into a single source for the purposes of benchmarking. A Diabetes Community Health Profile is available for every PCT in England at <http://yhpho.york.ac.uk/diabetesprofiles/default.aspx>. It was last updated on 28th October 2009. A similar document focusing on children and young people with diabetes is planned for later in 2009/10. Further details of all the data sources used in this profile and direct links to the source data are available in the Data Guide (<http://yhpho.york.ac.uk/diabetesprofiles/Data%20Guide-1.pdf>).

## Map of Salford PCT



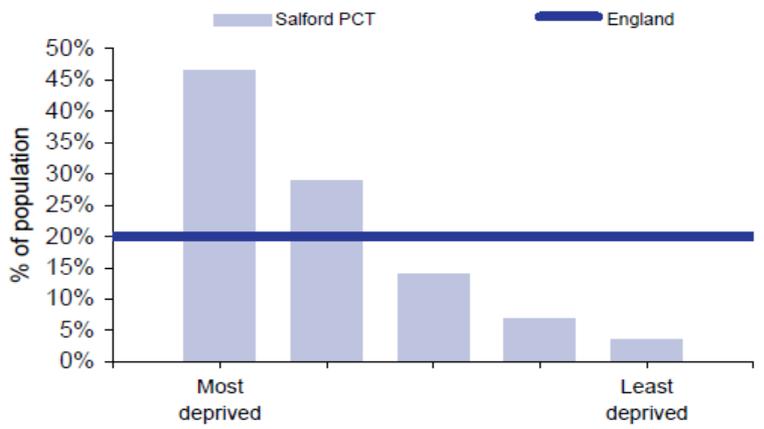


Source: ONS mid year population estimates, 2008

Type 1 diabetes tends to be diagnosed in childhood but the prevalence of Type 2 diabetes increases steadily after the age of 45 years.

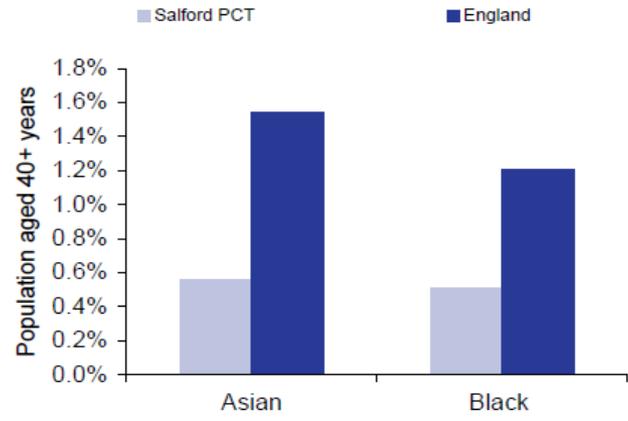
Diabetes prevalence is higher in areas experiencing deprivation. People living in the 20% most deprived neighbourhoods in England are 56% more likely to have diabetes than those living in the least deprived areas. It is known that people from Asian and Black ethnic groups are more likely to have diabetes and tend to develop the condition at younger ages.

### Deprivation in Salford PCT



Source: IMD2007 and ONS mid year population estimates, 2007

### Ethnicity



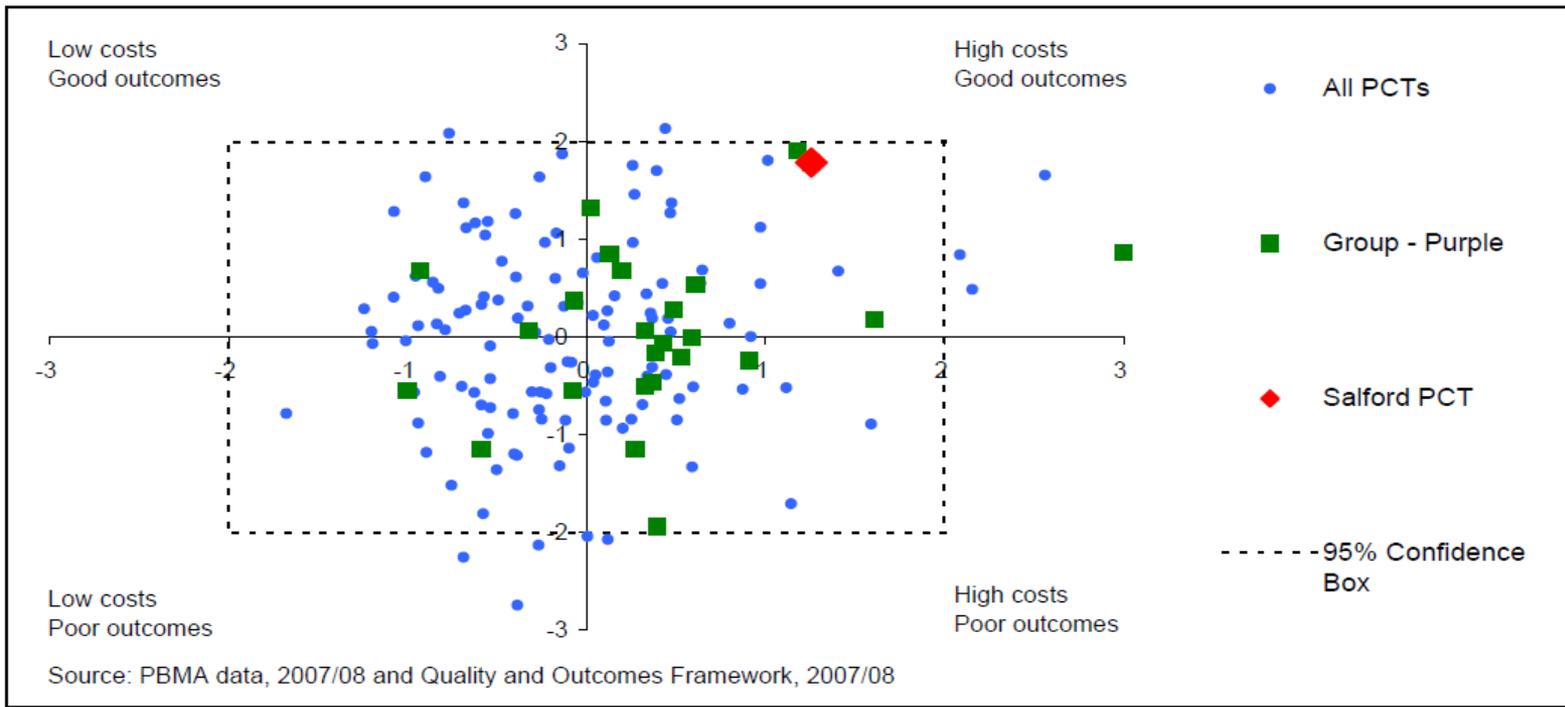
Source: Calculated from ONS ethnic group population estimate, 2005



differ from other presentations of the Programme Budgeting data. PCTs within the dotted box do not have a statistically significant different level of spending and outcomes than England as a whole.

### Programme Budgeting Data and HbA1c Outcomes for 2007/08

The chart below shows standardised total spending on diabetes care based on Programme Budgeting data against the standardised proportion of people with a HbA1c measurement of 7.5 or less for 2007/08.



### Spending on Diabetes Prescriptions and HbA1c Outcomes for 2008/09

The chart below shows the standardised Net Ingredient Cost (NIC) of all prescriptions for items to treat and monitor diabetes per patient diagnosed with diabetes between April 2008 and March 2009 against the standardised proportion of people with a HbA1c measurement of 7.5 or less for 2008/09.



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**Search**



[Advanced Search \(Options\)](#)

## [Diabetes Outcomes Versus Expenditure tool \(DOVE\)](#)



[Click here to view](#)

### News

- [Increasing the efficiency of services \(ChiMat\)](#)
- [Health Intelligence Update - April 2010](#)
- [Chronic Kidney Disease \(CKD\) profiles](#)

### Latest Resources

- [Right care: commissioning the best value in healthcare](#)
- [World Class Commissioning: health investment network](#)
- [Collaborating for excellence: Health Intelligence Yorkshire & Humber \(HIYAH\) Programme: annual Report 2009 - 2010](#)

### Resource Information

**Description:** The Diabetes Outcomes Versus Expenditure (DOVE) tool allows users to compare expenditure on diabetes care with clinical outcomes for a selected PCT, other PCTs with similar populations and all other PCTs.

**Format:** ZIP Archive file, 822688 bytes (803 KB)  
 Modem (56Kb) = 2 Minutes 2 Seconds  
 ISDN (128Kb) = 51 Seconds  
 BroadBand (512Kb) = 12 Seconds  
 BroadBand (2MB) = 3 Seconds

**Type:** Report : None  
**Rights:** Yorkshire and Humber Public Health Observatory

### Relationships

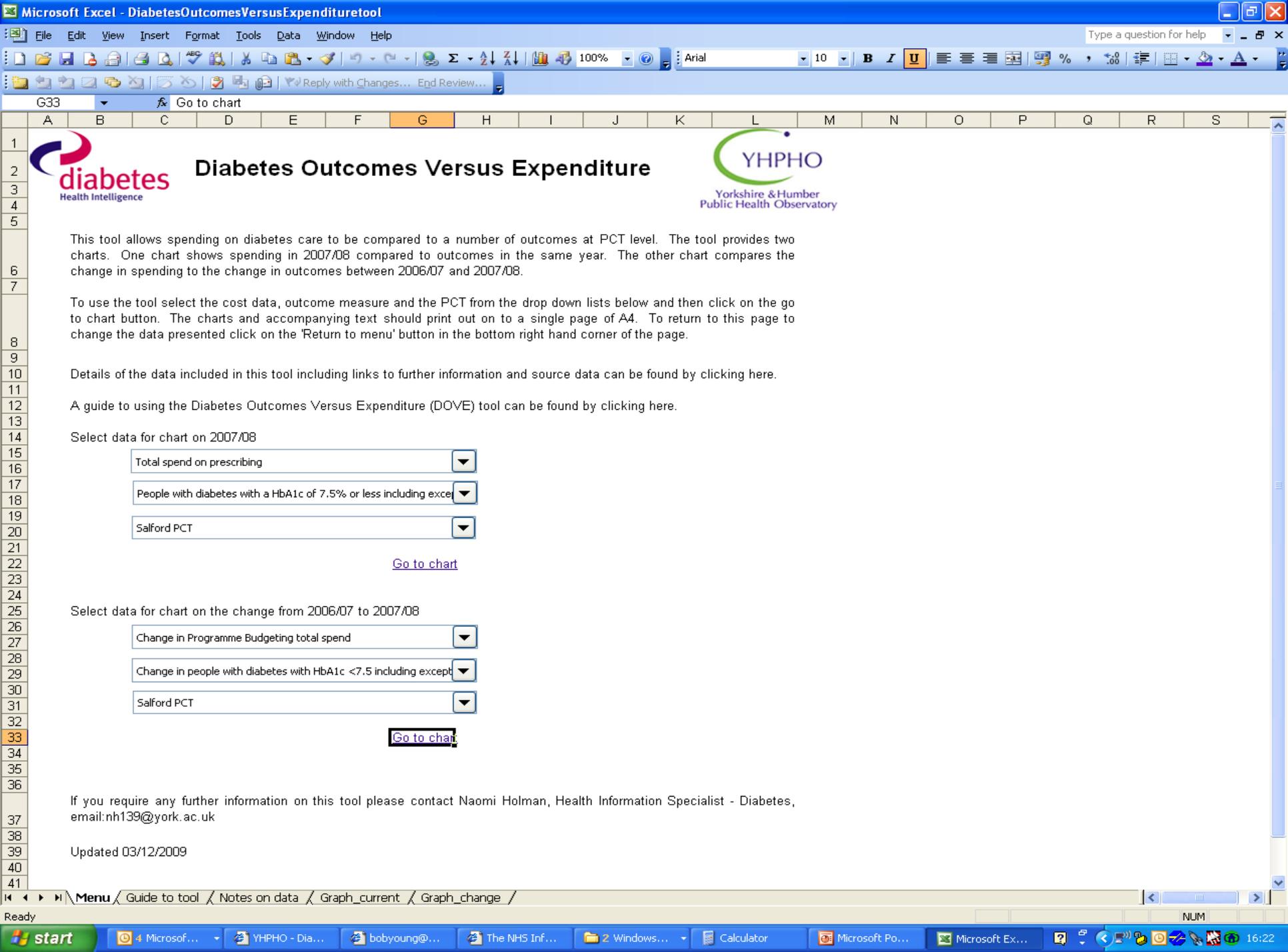
**Member of:**  
[Collection : Diabetes Resources Collection](#)  
[Collection : YHPHO tools](#)

### Publishing

**Published by:** Naomi Holman, nh139@york.ac.uk  
**Published date:** Thursday, 3rd December 2009 00:00:00

### Subject

**Keywords (National Public Health Language):**  
 DIABETES MELLITUS  
 EXPENDITURE  
 PATIENT  
 PCTS  
 PRESCRIBING  
 PRIMARY CARE TRUST



# Diabetes Outcomes Versus Expenditure



This tool allows spending on diabetes care to be compared to a number of outcomes at PCT level. The tool provides two charts. One chart shows spending in 2007/08 compared to outcomes in the same year. The other chart compares the change in spending to the change in outcomes between 2006/07 and 2007/08.

To use the tool select the cost data, outcome measure and the PCT from the drop down lists below and then click on the go to chart button. The charts and accompanying text should print out on to a single page of A4. To return to this page to change the data presented click on the 'Return to menu' button in the bottom right hand corner of the page.

Details of the data included in this tool including links to further information and source data can be found by clicking here.

A guide to using the Diabetes Outcomes Versus Expenditure (DOVE) tool can be found by clicking here.

Select data for chart on 2007/08

Total spend on prescribing

People with diabetes with a HbA1c of 7.5% or less including exce

Salford PCT

[Go to chart](#)

Select data for chart on the change from 2006/07 to 2007/08

Change in Programme Budgeting total spend

Change in people with diabetes with HbA1c <7.5 including except

Salford PCT

[Go to chart](#)

If you require any further information on this tool please contact Naomi Holman, Health Information Specialist - Diabetes, email: nh139@york.ac.uk

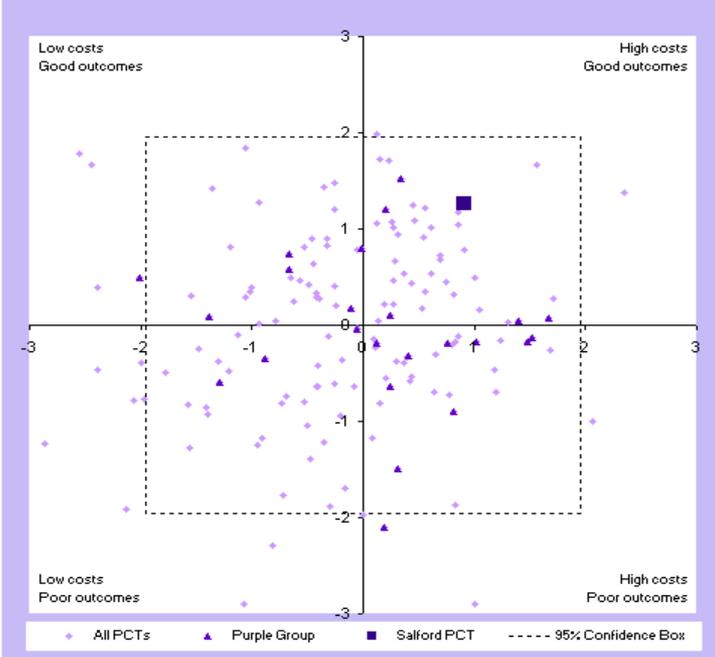
Updated 03/12/2009



### Diabetes Outcomes Versus Expenditure



Total spend on prescribing compared to people with diabetes with a HbA1c of 7.5% or less including exceptions



This chart shows the total spend on prescribing compared to people with diabetes with a HbA1c of 7.5% or less including exceptions for Salford PCT. In Salford PCT the total spend on prescribing was £152.84 per person with diabetes and the rate of people with diabetes with a HbA1c of 7.5% or less including exceptions was 66.2%.

The data has been converted in to z-scores to allow comparisons to be made across indicators measured on different scales. A z-score of less than -1.96 indicates that we can be 95% certain that the measure is significantly lower than the England average. A z-score of more than 1.96 shows that we can be 95% certain that the measure is significantly greater than the England average. This boundary is shown as a dotted line on the chart. If the marker for the PCT is outside the dotted box they are statistically significantly different from the England average.

To identify which PCT is represented by a particular dot click on it and the name of the PCT will be shown in the top right corner of the chart background.

[Return to menu](#)







# Diabetes Data Directory



## Diabetes Commissioning Toolkit Where Are We Now Tool

What is the tool/dataset?	Linked to the commissioning toolkit, YHPHO has produced a summary of diabetes measures based on The Better Metrics Project to help local services assess "where they are now". This resource can be used to help people benchmark and prioritise areas where further improvement is needed.
Where does the information come from?	The Better Metrics project and the Quality and Outcomes Framework (QoF)
How can I access it?	<a href="http://www.yhpho.org.uk/diabetes_commissioning.aspx">http://www.yhpho.org.uk/diabetes_commissioning.aspx</a>
Do I need an account/password to access it?	No
What geographical areas are covered?	All PCTs, SHAs and Government Office Regions in England
What's the most recent year?	2005/6
What is the age range covered?	17 years+
When was it last updated?	01/11/2006

### CAN IT HELP ME ANSWER?

What is the general health in my population?	✓
What is the level of deprivation in my population?	✗
What is the profile of ethnicity in my population?	✓
How common is diabetes?	✓
How many people have been diagnosed with diabetes?	✓
How many people should have been diagnosed with diabetes?	✓
What age are the people with diabetes?	✗
What gender are the people with diabetes?	✗



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The image shows a dashboard for the National Diabetes Audit 2007-2008. It features a white background with a teal header area containing the text "National Diabetes Audit" and "2007-2008 audit analysis". To the right of this header is the NHS logo and the text "The Information Centre for health and social care". Below the header are two buttons: "England" and "Wales", both with blue borders and underlined text. The entire dashboard is centered on a grey background.

# National Diabetes Audit

## England



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[Treatment Targets](#)

Local Figures (SHA and PCT)

[Registration and Prevalence](#)

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[Care Processes](#)

[Treatment Targets](#)

### Supporting Information

[NDA toolkit](#)

[Notes](#)

[NDA Website](#)

[NDA 2007-2008 Executive Summary](#)

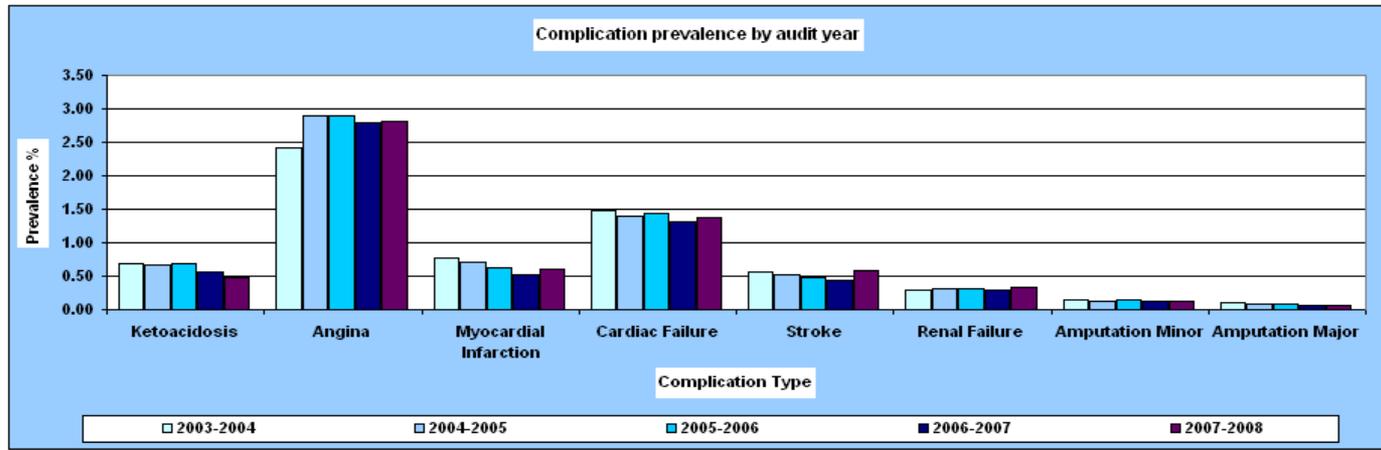
Click on the [underlined headings](#) to access the data

**Complications**

**Audit question 2: For people with diabetes what is the annual rate of specific complications?**

National Values	Complication Prevalence							
	Ketoacidosis	Angina	Myocardial Infarction	Cardiac Failure	Stroke	Renal Failure	Amputation Minor	Amputation Major
2003-2004	0.69	2.41	0.78	1.48	0.57	0.29	0.14	0.10
2004-2005	0.66	2.90	0.70	1.40	0.53	0.31	0.13	0.09
2005-2006	0.68	2.90	0.63	1.43	0.48	0.31	0.14	0.08
2006-2007	0.56	2.80	0.53	1.32	0.44	0.29	0.12	0.07
2007-2008	0.48	2.81	0.60	1.37	0.59	0.34	0.13	0.07

Note: Registrations from both primary and secondary care included



**Care Processes**

### Treatment Targets - England

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Key	
	Ranking, Top 25%
	Ranking, Middle 50%
	Ranking, Bottom 25%

#### Treatment Targets Percentage Achieved

Organisation	NICE HbA1c <6.5	NICE HbA1c <=7.5	NICE Cholesterol <5.0 mmol/l	NICE Diastolic <=75 and Systolic <=135 mm Hg
<b>North West SHA</b>	28.65	66.56	79.68	32.48
Ashton Leigh & Wigan PCT	38.57	70.03	81.75	30.85
Blackburn with Darwen PCT	23.11	62.58	75.03	35.49
Blackpool PCT	25.50	65.16	78.31	33.44
Bolton PCT	25.56	64.08	78.30	31.71
Bury PCT	25.16	66.56	78.65	36.25
Central & Eastern Cheshire PCT	29.23	66.80	79.39	30.79
Central Lancashire PCT	25.30	64.14	80.94	30.45
Cumbria PCT	22.66	63.41	77.19	32.19
East Lancashire PCT	25.15	64.35	77.01	31.58
Halton & St Helens PCT	29.05	66.05	81.16	39.73
Heywood Middleton & Rochdale PCT	28.03	63.56	75.49	29.85
Knowsley PCT	33.53	69.23	81.55	35.16
Liverpool PCT	32.77	69.59	81.90	32.50
Manchester PCT	27.00	62.48	81.83	31.18
North Lancashire PCT	27.80	68.72	79.36	31.61
Oldham PCT	26.90	63.16	78.11	29.94
Salford PCT	35.19	70.24	83.13	32.57
Sefton PCT	27.23	64.42	78.32	27.08
Stockport PCT	30.72	67.83	82.82	34.70
Tameside & Glossop PCT	30.20	69.81	80.82	32.41
Trafford PCT	36.96	72.16	82.20	30.88
Warrington PCT	28.21	65.43	80.42	34.95
Western Cheshire PCT	24.10	65.71	81.32	34.55
Wirral PCT	32.73	71.04	78.29	35.32



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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	5D8	North Tyneside PCT	Yellow												
97	5N1	North Yorkshire and York PCT	Yellow												
98	5PD	Northamptonshire Teaching PCT	Orange												
99	TAC	Northumberland Care Trust	Yellow												
100	5EM	Nottingham City PCT	Purple												
101	5N8	Nottinghamshire County Teaching PCT	Yellow												
102	5J5	Oldham PCT	Purple												
103	5QE	Oxfordshire PCT	Orange												
104	5PN	Peterborough PCT	Orange												
105	5F1	Plymouth Teaching PCT	Orange												
106	5FE	Portsmouth City Teaching PCT	Orange												
107	5NA	Redbridge PCT	Indigo												
108	5QR	Redcar and Cleveland PCT	Orange												
109	5M6	Richmond and Twickenham PCT	Blue												
110	5H8	Rotherham PCT	Orange												
111	5F5	Salford PCT	Purple												
112	5PF	Sandwell PCT	Purple												
113	5NJ	Sefton PCT	Yellow												
114	5N4	Sheffield PCT	Orange												
115	5M2	Shropshire County PCT	Yellow												
116	TAM	Solihull Care Trust	Yellow												
117	5QL	Somerset PCT	Yellow												
118	5M1	South Birmingham PCT	Purple												
119	5P1	South East Essex PCT	Yellow												
120	5A3	South Gloucestershire PCT	Yellow												
121	5PK	South Staffordshire PCT	Yellow												
122	5KG	South Tyneside PCT	Orange												
123	5PY	South West Essex PCT	Orange												
124	5L1	Southampton City PCT	Purple												
125	5LE	Southwark PCT	Blue												
126	5F7	Stockport PCT	Yellow												
127	5PJ	Stoke On Trent PCT	Purple												
128	5PT	Suffolk PCT	Yellow												
129	5KL	Sunderland Teaching PCT	Orange												
130	5P5	Surrey PCT	Yellow												
131	5M7	Sutton and Merton PCT	Blue												
132	5K3	Swindon PCT	Orange												
133	5LH	Tameside and Glossop PCT	Orange												
134	5MK	Telford and Wrekin PCT	Orange												
135	TAL	Torbay Care Trust	Yellow												
136	5C4	Tower Hamlets PCT	Indigo												
137	5NR	Trafford PCT	Orange												
138	5N3	Wakefield District PCT	Orange												
139	5M3	Walsall Teaching PCT	Purple												
140	5NC	Waltham Forest PCT	Blue												
141	5LG	Wandsworth Teaching PCT	Blue												
142	5J2	Warrington PCT	Orange												
143	5PM	Warwickshire PCT	Yellow												
144	5PV	West Essex PCT	Yellow												
145	5P4	West Hertfordshire PCT	Yellow												
146	5P9	West Kent PCT	Yellow												



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## NDIS Tools

You can access a comprehensive set of analytical and reporting tools for diabetes. For some of the tools, you may need to register as a new user, or use your existing sign on details if you're already registered.

**Tools**

**Health Needs Assessments**  
A version of the Diabetes HNA application is now available. Please note that a number of minor visual issues remain in the system, however the data has been extensively checked and verified. Please let us know by email if you experience any anomalies by at [ndis@ic.nhs.uk](mailto:ndis@ic.nhs.uk)

**Diabetes Community Health profiles**

**DOVE tool (Diabetes Health Intelligence)**  
Allows users to see the relative position of a selected PCT in terms of spending on diabetes care and outcomes in this area. This is shown in comparison to other PCTs in the Diabetes Area Classification Group and all other PCTs.

**Diabetes Data Directory**

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**GP Toolkit**

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Home Contact

### Products & Services DiabetesE



**DiabetesE is a web-based, self-assessment, diabetes care performance improvement tool that supports the implementation of the Diabetes NSF. It was developed by Innovate and is provided in England, by BT, through a contract with NHS Connecting for Health. DiabetesE is one of a suite of complementary information tools that operate under the auspices of the National Diabetes Information Service.**

The unique role of DiabetesE is that it measures and benchmarks the performance of all aspects of a system of diabetes care and actively encourages continuous improvement to meet and surpass the Diabetes NSF standards.

To do this DiabetesE uses the Health Service Performance Improvement Framework (HSPiF). The HSPiF methodology starts from a position that the measurement of clinical processes and outcomes alone, although valuable for assessing progress towards goals and targets, does not necessarily help health service managers and clinicians understand what and how to improve. For instance, knowing clinical results are poor does not always give an indication of the underlying cause, eg lack of patient education; absence of policy or guidelines; late diagnosis; lack of staff development.

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June 2004
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Amended Document 4 March 2009
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February 2007
  - [Second National Report:](#)  
Executive Summary:  
February 2007
  - [First National Report:](#)

**In February 2010 the Fifth DiabetesE National Report was published.** This report analyses PCTs' answers captured on 6th November 2009. Findings show that:

1. Overall average scores are improving.
2. PCTs that have performed more than one assessment are achieving higher scores than those that have undertaken one assessment.
3. PCTs that have performed more than one assessment show continuous improvement in scores.
4. Improvements made by PCTs that have reassessed are in line with the recommendations of DiabetesE.
5. PCTs that have assessed their services report on the motivational benefits of viewing increased scores and changes in benchmarking colours.

*DiabetesE is a brilliant tool - there is nothing else like it. The results page is particularly useful as it provides the evidence to clinicians, managers and members of the executive team for the need for improvement. It helps commissioners to write their service development plans. We have used it on several occasions to support business cases taken to the PCT's board.*

**Karin Honey**  
Senior Commissioning Manager, Cornwall & Isles of Scilly PCT





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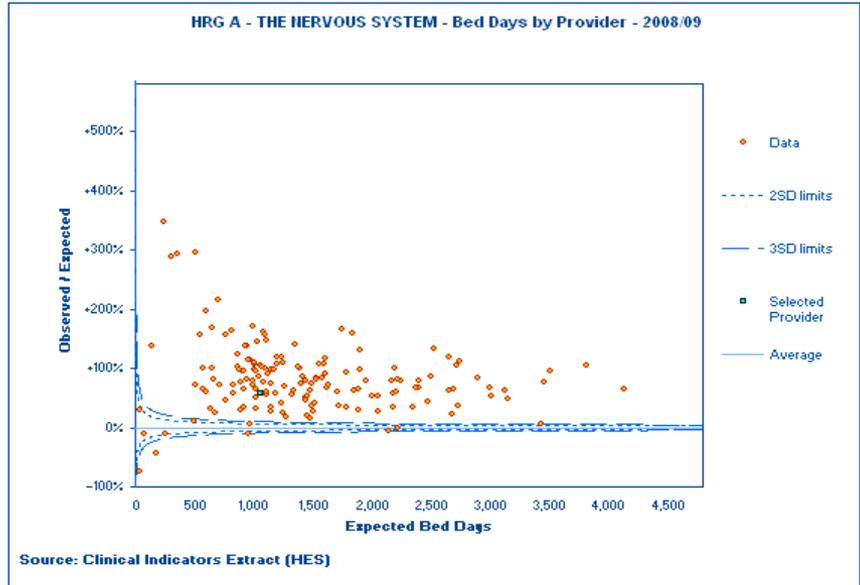
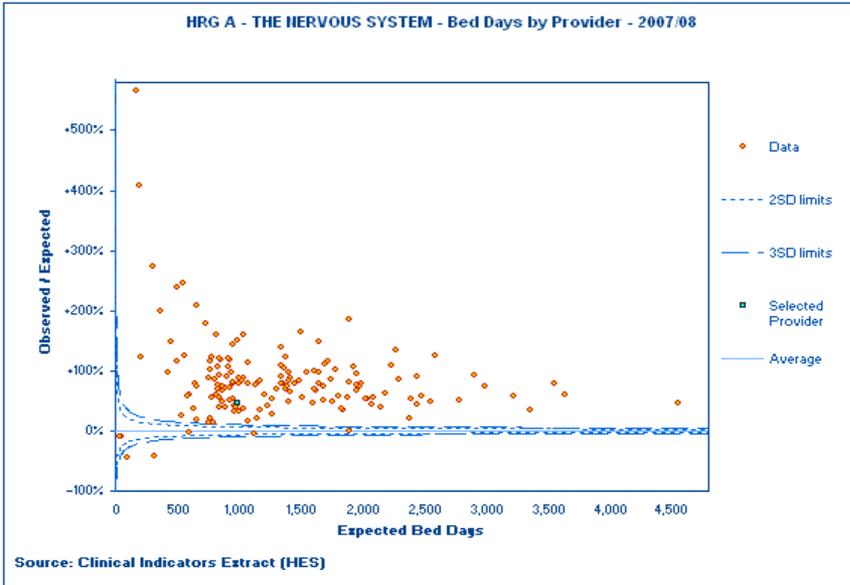
Use buttons and dropdown lists below to select the combination of provider / PCT, measure and HRG required. The selected provider / PCT is highlighted on the funnel plot and in the table below where data is available.

Select Provider: **AIREDALE NHS TRUST**

Select HRG: **A - THE NERVOUS SYSTEM**

The expected values are derived from the average length of stay / day case rate / emergency readmission rate for the non-diabetic patient group for a provider or PCT, within the HRG in question. This is based on the expectation that the length of stay (etc.) should be the same for diabetic patients as for their non-diabetic counterparts being treated for the same types of condition in the same provider.

Note that response time is extended due to the large amount of data used in this file, please close other Excel files before using the buttons to the left to refresh data.



**Notes:**  
 Do not select all Providers, PCTs or measures as this will produce the sum of average values and will not be valid. If the axis scales do not look right, try clicking the Change Axis scale button above the graph. If you don't like the axis limits chosen then right-click on the relevant axis on the graph, select 'Format Axis', select the 'Scale' tab and change the axis settings. Note that if Excel's default scales are used the y-axis will be unnecessarily wide-ranging, as it will plot the full extent of the funnel limits.



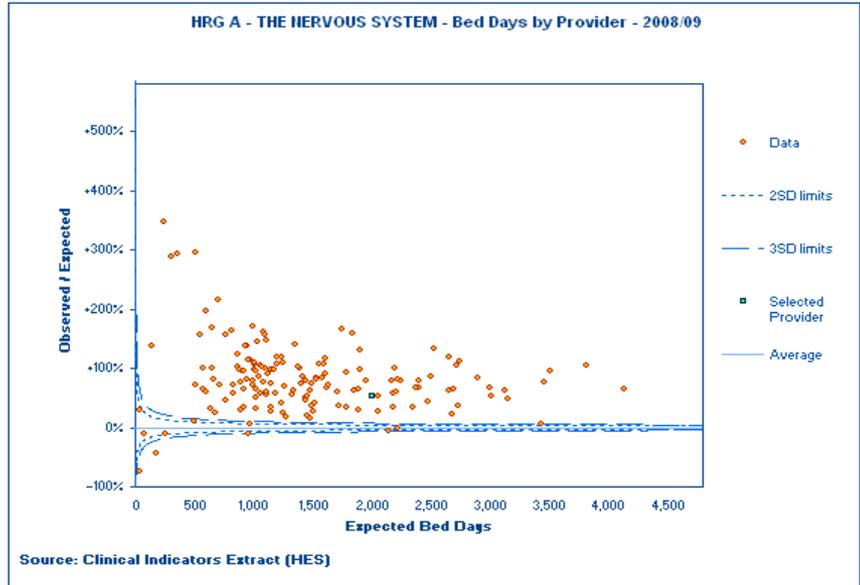
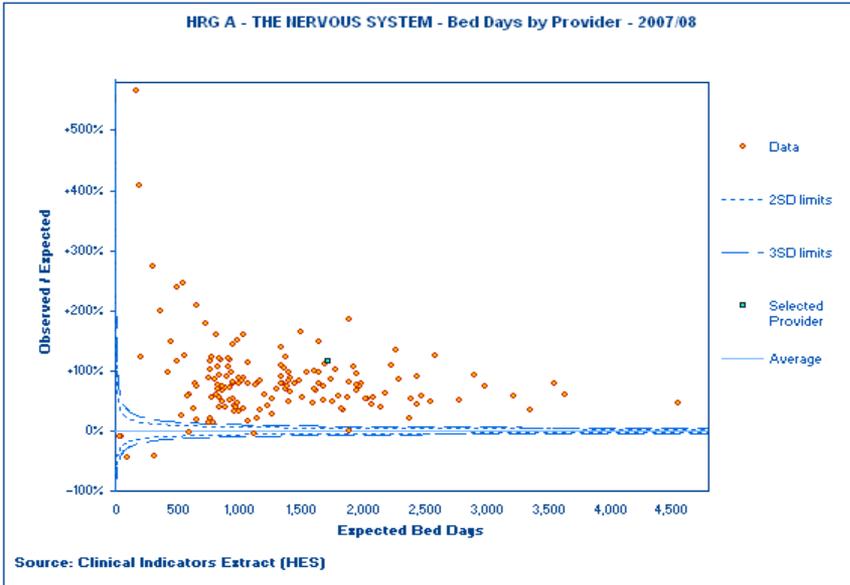
Use buttons and dropdown lists below to select the combination of provider / PCT, measure and HRG required. The selected provider / PCT is highlighted on the funnel plot and in the table below where data is available.

Select Provider: **SALFORD ROYAL NHS FOUNDATION TRU**

Select HRG: **A - THE NERVOUS SYSTEM**

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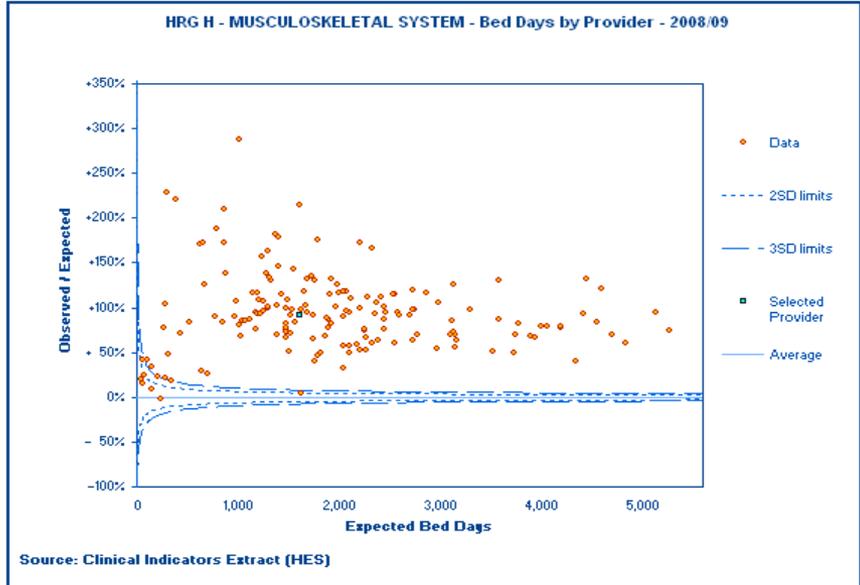
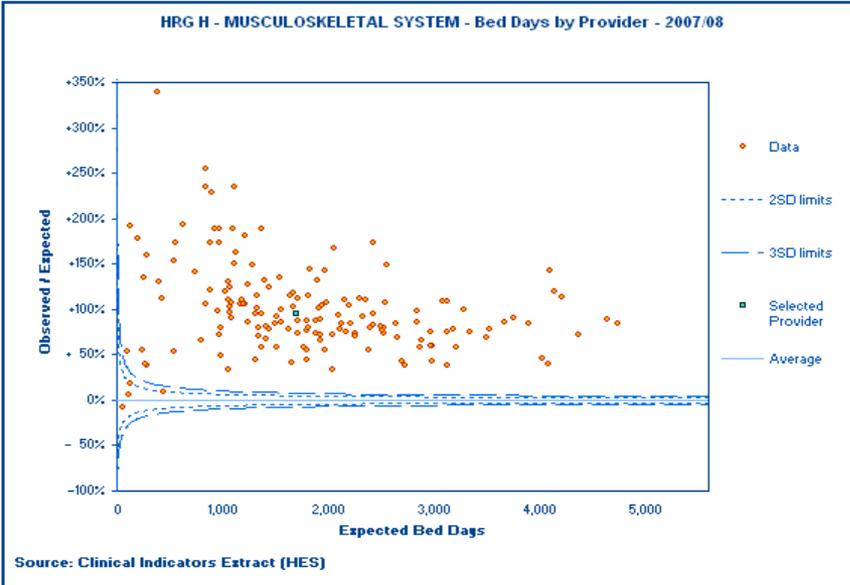
Use buttons and dropdown lists below to select the combination of provider / PCT, measure and HRG required. The selected provider / PCT is highlighted on the funnel plot and in the table below where data is available.

Select Provider: SALFORD ROYAL NHS FOUNDATION TRUST

Select HRG: H - MUSCULOSKELETAL SYSTEM

The expected values are derived from the average length of stay / day case rate / emergency readmission rate for the non-diabetic patient group for a provider or PCT, within the HRG in question. This is based on the expectation that the length of stay (etc.) should be the same for diabetic patients as for their non-diabetic counterparts being treated for the same types of condition in the same provider.

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File Edit View Insert Format Tools Data Window Help

Type a question for help

A1

the funnel limits.

If you want to identify a particular point on the graph, hover the mouse over it and note the first value listed.  
The first value listed is column 'Expected - Bed Days' below

Provider - 2007/08	Observed - Bed Days	Expected - Bed Days	Observed relative to expected	Provider - 2008/09	Observed - Bed Days	Expected - Bed Days	Observed relative to expected
Aintree University Hospitals NHS Foundation Trust	3,959	1,368	189.4%	Aintree University Hospitals NHS Foundation Trust	4,481	1,980	126.3%
Airedale NHS Trust	2,175	1,069	103.4%	Airedale NHS Trust	2,585	1,297	99.3%
Ashford and St Peter's Hospitals NHS Trust	3,850	1,908	101.8%	Ashford and St Peter's Hospitals NHS Trust	5,791	3,114	86.0%
Barking, Havering and Redbridge University Hospitals NHS Foundation Trust	5,713	4,086	39.8%	Barking, Havering and Redbridge University Hospitals NHS Foundation Trust	6,556	3,949	66.0%
Barlborough NHS Treatment Centre	387	279	38.6%	Barlborough NHS Treatment Centre	884	702	25.9%
Barnet and Chase Farm Hospitals NHS Trust	2,491	1,185	110.3%	Barnet and Chase Farm Hospitals NHS Trust	3,731	2,336	59.7%
Barnsley Hospital NHS Foundation Trust	2,667	1,365	95.4%	Barnsley Hospital NHS Foundation Trust	2,580	1,482	74.1%
Barts and The London NHS Trust	2,954	898	229.1%	Barts and The London NHS Trust	2,098	890	138.5%
Basildon and Thurrock University Hospitals NHS Foundation Trust	4,387	1,893	131.7%	Basildon and Thurrock University Hospitals NHS Foundation Trust	3,556	1,896	87.5%
Basings Stoke and North Hampshire NHS Foundation Trust	1,680	382	339.9%	Basings Stoke and North Hampshire NHS Foundation Trust	1,680	620	171.0%
Bedford Hospital NHS Trust	1,475	985	49.7%	Bedford Hospital NHS Trust	2,490	1,151	116.3%
Blackpool, Fylde and Wyre Hospitals NHS Foundation Trust	3,266	1,405	132.4%	Blackpool, Fylde and Wyre Hospitals NHS Foundation Trust	5,067	1,610	214.6%
Bradford Teaching Hospitals NHS Foundation Trust	3,370	1,803	86.3%	Bradford Teaching Hospitals NHS Foundation Trust	3,356	2,208	52.0%
Brighton and Sussex University Hospitals NHS Trust	4,566	2,527	80.3%	Brighton and Sussex University Hospitals NHS Trust	4,733	2,785	69.9%
Bromley Hospitals NHS Trust	4,311	2,398	79.8%	Bromley Hospitals NHS Trust	3,142	1,873	67.7%
Buckinghamshire Hospitals NHS Trust	3,247	1,812	79.2%	Buckinghamshire Hospitals NHS Trust	3,367	1,890	78.1%
Burton Hospitals NHS Foundation Trust	2,925	1,521	92.4%	Burton Hospitals NHS Foundation Trust	2,895	1,516	91.0%
Calderdale and Huddersfield NHS Foundation Trust	4,381	2,533	72.9%	Calderdale and Huddersfield NHS Foundation Trust	4,567	2,451	86.3%
Cambridge University Hospitals NHS Foundation Trust	4,426	2,510	76.3%	Cambridge University Hospitals NHS Foundation Trust	4,454	2,119	110.2%
Central Manchester University Hospitals NHS Foundation Trust	2,818	974	189.4%	Central Manchester University Hospitals NHS Foundation Trust	2,812	1,390	102.4%
Chelsea and Westminster Hospital NHS Foundation Trust	757	292	159.3%	Chelsea and Westminster Hospital NHS Foundation Trust	1,247	388	221.4%
Chesterfield Royal Hospital NHS Foundation Trust	4,466	2,328	91.8%	Chesterfield Royal Hospital NHS Foundation Trust	5,163	2,703	91.0%
City Hospitals Sunderland NHS Foundation Trust	3,634	1,710	112.5%	City Hospitals Sunderland NHS Foundation Trust	3,371	1,666	102.3%
Colchester Hospital University NHS Foundation Trust	2,910	1,631	78.5%	Colchester Hospital University NHS Foundation Trust	3,334	1,744	91.2%
Countess of Chester Hospital NHS Foundation Trust	2,411	1,337	80.3%	Countess of Chester Hospital NHS Foundation Trust	3,047	1,322	130.4%
County Durham and Darlington NHS Foundation Trust	4,543	2,504	81.4%	County Durham and Darlington NHS Foundation Trust	6,496	3,293	97.2%
Dartford and Gravesham NHS Trust	830	538	54.1%	Dartford and Gravesham NHS Trust	1,476	777	90.0%
Derby Hospitals NHS Foundation Trust	6,794	3,666	85.3%	Derby Hospitals NHS Foundation Trust	7,436	4,198	77.1%
Derbyshire County PCT				Derbyshire County PCT	973	527	84.5%
Devon PCT	561	202	178.2%	Devon PCT			
Doncaster and Bassetlaw Hospitals NHS Foundation Trust	5,883	3,348	75.7%	Doncaster and Bassetlaw Hospitals NHS Foundation Trust	6,558	3,897	68.3%
Dorset County Hospital NHS Foundation Trust	2,839	1,246	127.9%	Dorset County Hospital NHS Foundation Trust	3,057	1,308	133.7%
Ealing Hospital NHS Trust	2,502	1,216	105.7%	Ealing Hospital NHS Trust	2,075	1,175	76.6%
East and North Hertfordshire NHS Trust	3,807	2,173	75.2%	East and North Hertfordshire NHS Trust	3,905	1,403	178.3%
East Cheshire NHS Trust	2,671	1,325	101.5%	East Cheshire NHS Trust	2,881	1,569	83.6%
East Kent Hospitals University NHS Trust	7,218	3,901	85.0%	East Kent Hospitals University NHS Trust	7,136	4,001	78.4%
East Lancashire Hospitals NHS Trust	4,284	2,988	43.4%	East Lancashire Hospitals NHS Trust	5,448	2,751	98.0%
East Sussex Hospitals NHS Trust	5,244	2,536	106.8%	East Sussex Hospitals NHS Trust	4,898	2,374	106.3%
EPSOM and St Helier University Hospitals NHS Trust	4,763	2,991	59.2%	EPSOM and St Helier University Hospitals NHS Trust	5,326	3,146	69.3%
Frimley Park Hospital NHS Foundation Trust	3,268	1,816	80.0%	Frimley Park Hospital NHS Foundation Trust	4,519	2,074	117.9%
Gateshead Health NHS Foundation Trust	2,776	1,793	54.8%	Gateshead Health NHS Foundation Trust	3,466	2,187	58.5%
George Eliot Hospital NHS Trust	1,407	1,058	33.0%	George Eliot Hospital NHS Trust	2,372	1,395	70.0%
Gloucestershire Hospitals NHS Foundation Trust	8,734	4,642	88.1%	Gloucestershire Hospitals NHS Foundation Trust	9,226	5,271	75.0%
Gloucestershire PCT	926	402	130.3%	Gloucestershire PCT	467	316	47.6%
Great Western Hospitals NHS Foundation Trust	3,133	1,563	100.4%	Great Western Hospitals NHS Foundation Trust	4,072	1,727	135.8%
Guy's and St Thomas' NHS Foundation Trust	2,680	929	188.5%	Guy's and St Thomas' NHS Foundation Trust	2,673	863	209.9%
Harrowgate and District NHS Foundation Trust	1,328	803	65.3%	Harrowgate and District NHS Foundation Trust	1,974	1,034	68.6%
Heart of England NHS Foundation Trust	3,963	4,107	143.1%	Heart of England NHS Foundation Trust	9,974	5,130	94.4%
Heatherwood and Wexham Park Hospitals NHS Foundation Trust	3,666	1,676	118.7%	Heatherwood and Wexham Park Hospitals NHS Foundation Trust	3,952	2,259	74.9%
Hereford Hospital NHS Trust	2,413	1,175	105.4%	Hereford Hospital NHS Trust	2,475	1,761	40.6%
Hinchingbrooke Health Care NHS Trust	2,175	1,372	58.6%	Hinchingbrooke Health Care NHS Trust	1,702	1,622	4.9%
Homerton University Hospital NHS Foundation Trust	1,846	629	193.6%	Homerton University Hospital NHS Foundation Trust	1,513	671	125.6%
Hull and East Yorkshire Hospitals NHS Trust	4,940	2,351	110.1%	Hull and East Yorkshire Hospitals NHS Trust	5,493	2,552	115.2%
Imperial College Healthcare NHS Trust	3,497	2,039	71.5%	Imperial College Healthcare NHS Trust	4,108	2,106	95.0%
Ipswich Hospital NHS Trust	3,369	1,667	102.1%	Ipswich Hospital NHS Trust	3,163	1,234	156.4%
Isle of Wight NHS PCT	592	252	134.9%	Isle of Wight NHS PCT	959	292	228.4%
James Paget University Hospitals NHS Foundation Trust	3,299	1,893	74.3%	James Paget University Hospitals NHS Foundation Trust	3,305	2,101	57.3%
Kettering General Hospital NHS Foundation Trust	2,295	1,350	70.0%	Kettering General Hospital NHS Foundation Trust	2,682	1,476	81.8%
Kidderminster NHS Treatment Centre	57	62	-8.2%	Kidderminster NHS Treatment Centre	92	74	24.2%
King's College Hospital NHS Foundation Trust	2,953	1,123	162.8%	King's College Hospital NHS Foundation Trust	3,879	1,378	181.5%
Kingston Hospital NHS Trust	2,375	1,413	68.1%	Kingston Hospital NHS Trust	2,607	1,300	100.6%
Lancashire Teaching Hospitals NHS Foundation Trust	4,537	2,875	57.8%	Lancashire Teaching Hospitals NHS Foundation Trust	6,109	4,344	40.6%
Leeds Teaching Hospitals NHS Trust	6,636	2,431	173.0%	Leeds Teaching Hospitals NHS Trust	6,006	2,729	120.1%

NORTH BRISTOL NHS TRUST	7,121	3,752	89.8%	NORTH BRISTOL NHS TRUST	7,254	4,060	78.7%
NORTH CUMBRIA UNIVERSITY HOSPITALS NHS TRUST	4,869	2,640	84.5%	NORTH CUMBRIA UNIVERSITY HOSPITALS NHS TRUST	4,542	2,353	93.0%
NORTH EAST LONDON NHS TREATMENT CENTRE				NORTH EAST LONDON NHS TREATMENT CENTRE	199	149	33.8%
NORTH MIDDLESEX UNIVERSITY HOSPITAL NHS TRUST	1,519	557	172.8%	NORTH MIDDLESEX UNIVERSITY HOSPITAL NHS TRUST	1,861	972	90.4%
NORTH TEES AND HARTLEPOOL NHS FOUNDATION TRUST	4,117	1,982	107.7%	NORTH TEES AND HARTLEPOOL NHS FOUNDATION TRUST	3,905	2,047	90.7%
NORTH WEST LONDON HOSPITALS NHS TRUST	3,905	1,820	114.5%	NORTH WEST LONDON HOSPITALS NHS TRUST	5,454	2,534	115.2%
NORTHAMPTON GENERAL HOSPITAL NHS TRUST	3,525	1,645	114.3%	NORTHAMPTON GENERAL HOSPITAL NHS TRUST	4,844	2,283	112.2%
NORTHERN DEVON HEALTHCARE NHS TRUST	2,863	1,334	114.7%	NORTHERN DEVON HEALTHCARE NHS TRUST	3,286	1,685	95.1%
NORTHERN LINCOLNSHIRE AND GOOLE HOSPITALS NHS FOUNDATION TRUST	3,203	1,928	66.1%	NORTHERN LINCOLNSHIRE AND GOOLE HOSPITALS NHS FOUNDATION TRUST	2,459	1,472	67.0%
NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST	9,060	4,137	119.0%	NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST	8,359	4,548	83.8%
NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST	6,525	3,280	99.0%	NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST	10,332	4,452	132.1%
NUFFIELD ORTHOPAEDIC CENTRE NHS TRUST	2,073	1,089	90.4%	NUFFIELD ORTHOPAEDIC CENTRE NHS TRUST	2,310	1,184	95.1%
OXFORD RADCLIFFE HOSPITALS NHS TRUST	5,490	2,053	167.4%	OXFORD RADCLIFFE HOSPITALS NHS TRUST	6,022	2,207	172.9%
PENINSULA NHS TREATMENT CENTRE				PENINSULA NHS TREATMENT CENTRE	344	283	215%
PENNINE ACUTE HOSPITALS NHS TRUST	9,034	4,220	114.1%	PENNINE ACUTE HOSPITALS NHS TRUST	10,141	4,602	120.3%
PETERBOROUGH AND STAMFORD HOSPITALS NHS FOUNDATION TRUST	3,317	1,932	71.7%	PETERBOROUGH AND STAMFORD HOSPITALS NHS FOUNDATION TRUST	3,945	1,970	100.3%
PLYMOUTH HOSPITALS NHS TRUST	5,280	2,848	85.4%	PLYMOUTH HOSPITALS NHS TRUST	6,862	3,776	81.7%
POOLE HOSPITAL NHS FOUNDATION TRUST	5,331	3,495	69.7%	POOLE HOSPITAL NHS FOUNDATION TRUST	6,380	3,743	70.5%
PORTSMOUTH HOSPITALS NHS TRUST	7,497	4,371	71.5%	PORTSMOUTH HOSPITALS NHS TRUST	8,515	4,426	92.4%
QUEEN ELIZABETH HOSPITAL NHS TRUST	2,274	1,033	120.2%	QUEEN ELIZABETH HOSPITAL NHS TRUST	1,550	846	83.3%
QUEEN MARY'S SIDCUP NHS TRUST	893	422	111.6%	QUEEN MARY'S SIDCUP NHS TRUST	735	429	71.5%
QUEEN VICTORIA HOSPITAL NHS FOUNDATION TRUST	121	114	6.0%	QUEEN VICTORIA HOSPITAL NHS FOUNDATION TRUST	154	109	40.9%
ROBERT JONES AND AGNES HUNT ORTHOPAEDIC AND DISTRICT	2,611	1,800	45.1%	ROBERT JONES AND AGNES HUNT ORTHOPAEDIC AND DISTRICT	2,631	1,793	46.7%
ROYAL BERKSHIRE NHS FOUNDATION TRUST	4,724	2,429	94.5%	ROYAL BERKSHIRE NHS FOUNDATION TRUST	4,465	2,052	117.6%
ROYAL BOLTON HOSPITAL NHS FOUNDATION TRUST	2,967	1,708	73.8%	ROYAL BOLTON HOSPITAL NHS FOUNDATION TRUST	3,196	1,621	97.1%
ROYAL CORNWALL HOSPITALS NHS TRUST	4,504	2,204	104.4%	ROYAL CORNWALL HOSPITALS NHS TRUST	4,571	2,972	53.8%
ROYAL DEVON AND EXETER NHS FOUNDATION TRUST	3,993	1,950	104.8%	ROYAL DEVON AND EXETER NHS FOUNDATION TRUST	4,947	1,796	175.5%
ROYAL FREE HAMPSTEAD NHS TRUST	2,837	847	235.0%	ROYAL FREE HAMPSTEAD NHS TRUST	2,282	793	187.9%
ROYAL LIVERPOOL AND BROADGREEN UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	4,523	2,157	109.7%	ROYAL LIVERPOOL AND BROADGREEN UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	6,193	2,323	166.6%
ROYAL NATIONAL HOSPITAL FOR RHEUMATIC DISEASES NHS FOUNDATION TRUST	379	245	54.6%	ROYAL NATIONAL HOSPITAL FOR RHEUMATIC DISEASES NHS FOUNDATION TRUST	475	268	77.1%
ROYAL NATIONAL ORTHOPAEDIC HOSPITAL NHS TRUST	1,661	970	71.3%	ROYAL NATIONAL ORTHOPAEDIC HOSPITAL NHS TRUST	1,835	1,014	81.0%
ROYAL SURREY COUNTY HOSPITAL NHS TRUST	2,560	1,411	81.4%	ROYAL SURREY COUNTY HOSPITAL NHS TRUST	2,640	1,485	77.8%
ROYAL UNITED HOSPITAL BATH NHS TRUST	4,463	2,651	68.3%	ROYAL UNITED HOSPITAL BATH NHS TRUST	5,417	3,132	73.0%
ROYAL WEST SUSSEX NHS TRUST	3,749	2,108	77.8%	ROYAL WEST SUSSEX NHS TRUST	3,976	2,261	75.8%
<b>SALFORD ROYAL NHS FOUNDATION TRUST</b>	<b>3,327</b>	<b>1,639</b>	<b>95.8%</b>	<b>SALFORD ROYAL NHS FOUNDATION TRUST</b>	<b>3,095</b>	<b>1,612</b>	<b>92.0%</b>
SALISBURY NHS FOUNDATION TRUST	2,111	1,070	97.2%	SALISBURY NHS FOUNDATION TRUST	3,530	1,931	82.9%
SANDWELL AND WEST BIRMINGHAM HOSPITALS NHS TRUST	6,292	3,523	78.6%	SANDWELL AND WEST BIRMINGHAM HOSPITALS NHS TRUST	7,530	4,192	79.6%
SCARBOROUGH AND NORTH EAST YORKSHIRE HEALTH CARE NHS TRUST	2,479	1,205	105.7%	SCARBOROUGH AND NORTH EAST YORKSHIRE HEALTH CARE NHS TRUST	1,984	1,068	85.7%
SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST	6,551	3,128	109.4%	SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST	8,251	3,586	130.1%
SHEPTON MALLET NHS TREATMENT CENTRE	164	107	53.3%	SHEPTON MALLET NHS TREATMENT CENTRE	399	339	17.7%
SHERWOOD FOREST HOSPITALS NHS FOUNDATION TRUST	4,468	1,825	144.9%	SHERWOOD FOREST HOSPITALS NHS FOUNDATION TRUST	4,402	2,205	99.6%
SHREWSBURY AND TELFORD HOSPITAL NHS TRUST	3,937	2,133	84.6%	SHREWSBURY AND TELFORD HOSPITAL NHS TRUST	5,100	2,414	111.2%
SOMERSET PCT	475	437	8.7%	SOMERSET PCT	825	639	29.1%
SOUTH DEVON HEALTHCARE NHS FOUNDATION TRUST	3,768	2,723	38.4%	SOUTH DEVON HEALTHCARE NHS FOUNDATION TRUST	4,795	2,458	95.1%
SOUTH TEES HOSPITALS NHS TRUST	5,658	2,850	98.5%	SOUTH TEES HOSPITALS NHS TRUST	5,396	2,727	97.9%
SOUTH TYNESIDE NHS FOUNDATION TRUST	2,384	1,509	58.0%	SOUTH TYNESIDE NHS FOUNDATION TRUST	2,696	1,476	82.7%
SOUTH WARWICKSHIRE GENERAL HOSPITALS NHS TRUST	1,968	891	120.9%	SOUTH WARWICKSHIRE GENERAL HOSPITALS NHS TRUST	3,076	1,287	139.0%
SOUTHAMPTON UNIVERSITY HOSPITALS NHS TRUST	3,392	1,209	180.6%	SOUTHAMPTON UNIVERSITY HOSPITALS NHS TRUST	4,488	1,932	132.3%
SOUTHEAST UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	4,099	2,216	84.9%	SOUTHEAST UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	3,910	2,390	63.6%
SOUTHPORT AND ORMSKIRK HOSPITAL NHS TRUST	3,189	1,103	189.1%	SOUTHPORT AND ORMSKIRK HOSPITAL NHS TRUST	2,943	1,471	100.0%
SPIRE CHESHIRE HOSPITAL				SPIRE CHESHIRE HOSPITAL	76	53	42.3%
SPIRE LITTLE ASTON HOSPITAL				SPIRE LITTLE ASTON HOSPITAL	67	58	14.9%
SPIRE MURRAYFIELD HOSPITAL				SPIRE MURRAYFIELD HOSPITAL	50	42	20.1%
ST GEORGE'S HEALTHCARE NHS TRUST	2,972	936	255.4%	ST GEORGE'S HEALTHCARE NHS TRUST	3,912	1,010	287.5%
ST HELENS AND KNOWSLEY HOSPITALS NHS TRUST	6,341	2,955	149.2%	ST HELENS AND KNOWSLEY HOSPITALS NHS TRUST	6,196	2,869	116.0%
STOCKPORT NHS FOUNDATION TRUST	4,772	1,967	142.6%	STOCKPORT NHS FOUNDATION TRUST	4,055	1,755	131.0%
STOKE ON TRENT PCT	371	266	39.4%	STOKE ON TRENT PCT	251	205	22.4%
SURREY AND SUSSEX HEALTHCARE NHS TRUST	2,771	1,110	149.7%	SURREY AND SUSSEX HEALTHCARE NHS TRUST	2,532	1,212	109.0%
SUSSEX ORTHOPAEDIC NHS TREATMENT CENTRE				SUSSEX ORTHOPAEDIC NHS TREATMENT CENTRE	236	242	-2.3%
TAMESIDE HOSPITAL NHS FOUNDATION TRUST	3,187	1,283	148.4%	TAMESIDE HOSPITAL NHS FOUNDATION TRUST	2,594	1,201	116.0%
TAUNTON AND SOMERSET NHS FOUNDATION TRUST	3,642	1,713	112.6%	TAUNTON AND SOMERSET NHS FOUNDATION TRUST	3,411	1,298	162.8%
THE CHESHIRE & MERSEYSIDE NHS TREATMENT CENTRE	146	123	18.7%	THE CHESHIRE & MERSEYSIDE NHS TREATMENT CENTRE	567	278	103.6%
THE DUDLEY GROUP OF HOSPITALS NHS FOUNDATION TRUST	4,778	2,978	60.5%	THE DUDLEY GROUP OF HOSPITALS NHS FOUNDATION TRUST	5,154	3,160	63.1%
THE HILLINGDON HOSPITAL NHS TRUST	2,801	1,770	58.2%	THE HILLINGDON HOSPITAL NHS TRUST	2,718	1,815	49.8%
THE LEWISHAM HOSPITAL NHS TRUST	2,441	1,062	129.9%	THE LEWISHAM HOSPITAL NHS TRUST	2,303	1,194	92.8%
THE NEWCASTLE UPON TYNE HOSPITALS NHS FOUNDATION TRUST	5,196	2,974	74.7%	THE NEWCASTLE UPON TYNE HOSPITALS NHS FOUNDATION TRUST	6,119	2,981	105.3%
THE PRINCESS ALEXANDRA HOSPITAL NHS TRUST	3,181	1,804	76.3%	THE PRINCESS ALEXANDRA HOSPITAL NHS TRUST	4,116	1,909	115.6%
THE QUEEN ELIZABETH HOSPITAL KING'S LYNN NHS TRUST	3,221	1,715	87.9%	THE QUEEN ELIZABETH HOSPITAL KING'S LYNN NHS TRUST	4,065	2,076	95.8%
THE ROTHERHAM NHS FOUNDATION TRUST	1,769	987	79.3%	THE ROTHERHAM NHS FOUNDATION TRUST	2,355	1,225	92.3%
THE ROYAL BOURNEMOUTH AND CHRISTCHURCH HOSPITALS NHS FOUNDATION TRUST	2,232	1,062	110.3%	THE ROYAL BOURNEMOUTH AND CHRISTCHURCH HOSPITALS NHS FOUNDATION TRUST	2,879	1,744	65.0%



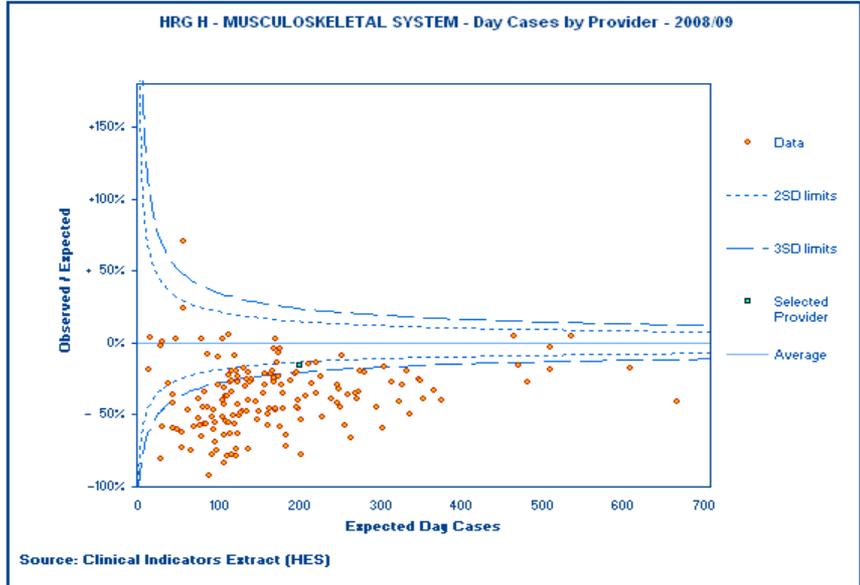
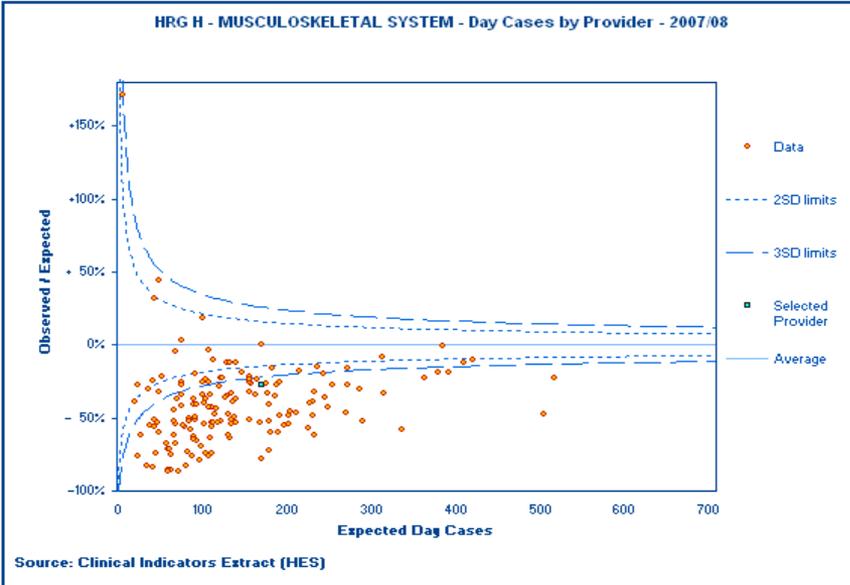
Use buttons and dropdown lists below to select the combination of provider / PCT, measure and HRG required. The selected provider / PCT is highlighted on the funnel plot and in the table below where data is available.

Select Provider: SALFORD ROYAL NHS FOUNDATION TRUST

Select HRG: H-MUSCULOSKELETAL SYSTEM

The expected values are derived from the average length of stay / day case rate / emergency readmission rate for the non-diabetic patient group for a provider or PCT, within the HRG in question. This is based on the expectation that the length of stay (etc.) should be the same for diabetic patients as for their non-diabetic counterparts being treated for the same types of condition in the same provider.

Note that response time is extended due to the large amount of data used in this file, please close other Excel files before using the buttons to the left to refresh data.



**Notes:**  
 Do not select all Providers, PCTs or measures as this will produce the sum of average values and will not be valid. If the axis scales do not look right, try clicking the Change Axis scale button above the graph. If you don't like the axis limits chosen then right-click on the relevant axis on the graph, select 'Format Axis', select the 'Scale' tab and change the axis settings. Note that if Excel's default scales are used the y-axis will be unnecessarily wide-ranging, as it will plot the full extent of the funnel limits.



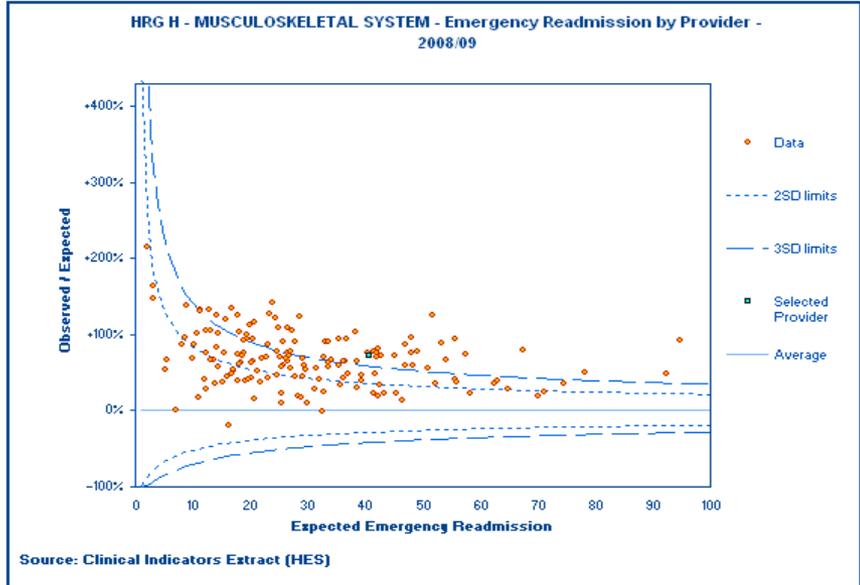
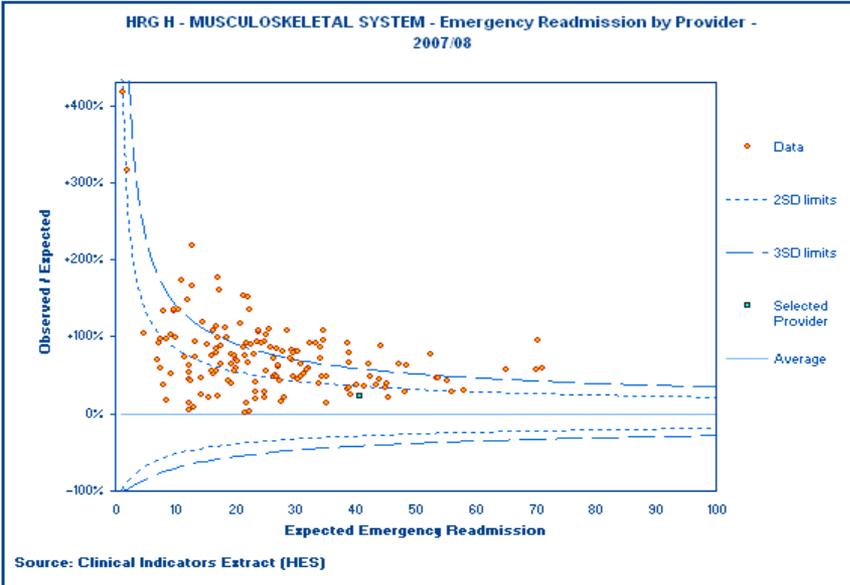
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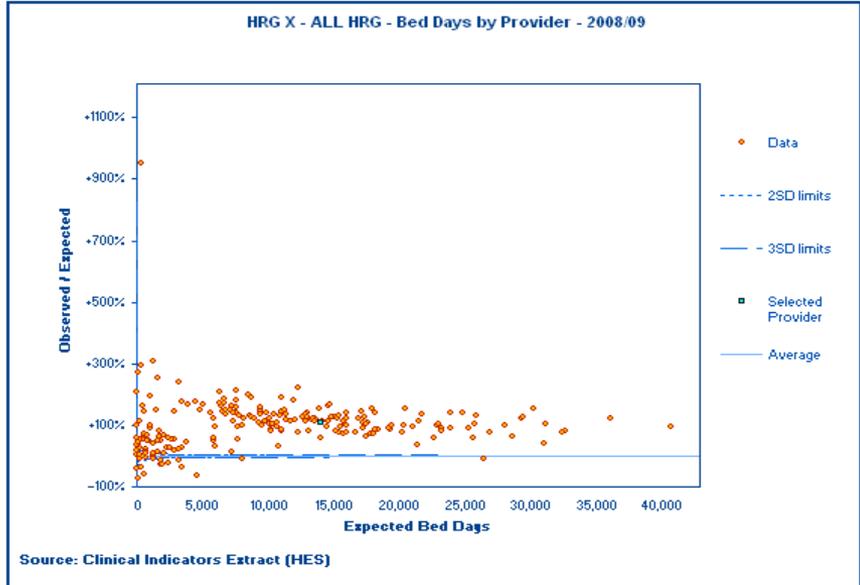
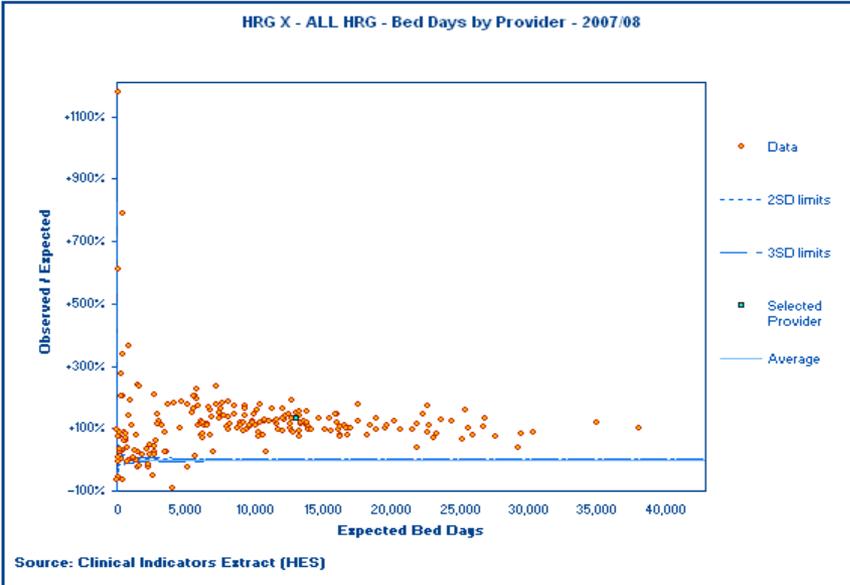
Use buttons and dropdown lists below to select the combination of provider / PCT, measure and HRG required. The selected provider / PCT is highlighted on the funnel plot and in the table below where data is available.

Select Provider: SALFORD ROYAL NHS FOUNDATION TRUST

Select HRG: X-ALLHRG

The expected values are derived from the average length of stay / day case rate / emergency readmission rate for the non-diabetic patient group for a provider or PCT, within the HRG in question. This is based on the expectation that the length of stay (etc.) should be the same for diabetic patients as for their non-diabetic counterparts being treated for the same types of condition in the same provider.

Note that response time is extended due to the large amount of data used in this file, please close other Excel files before using the buttons to the left to refresh data.



**Notes:**  
 Do not select all Providers, PCTs or measures as this will produce the sum of average values and will not be valid. If the axis scales do not look right, try clicking the Change Axis scale button above the graph. If you don't like the axis limits chosen then right-click on the relevant axis on the graph, select 'Format Axis', select the 'Scale' tab and change the axis settings. Note that if Excel's default scales are used the y-axis will be unnecessarily wide-ranging, as it will plot the full extent of the funnel limits.

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Reply with Changes... End Review...

NORTH YORKSHIRE AND YORK PCT	1,340	1,267	5.8%	NORTH YORKSHIRE AND YORK PCT	2,892	1,773	63.1%
NORTHAMPTON GENERAL HOSPITAL NHS TRUST	25,719	9,375	174.3%	NORTHAMPTON GENERAL HOSPITAL NHS TRUST	28,052	11,278	148.7%
NORTHAMPTONSHIRE HEALTHCARE NHS TRUST	2,827	2,406	17.5%	NORTHAMPTONSHIRE HEALTHCARE NHS TRUST	2,092	1,037	101.7%
NORTHERN DEVON HEALTHCARE NHS TRUST	16,704	8,064	107.2%	NORTHERN DEVON HEALTHCARE NHS TRUST	18,356	8,240	122.8%
NORTHERN LINCOLNSHIRE AND GOOLE HOSPITALS NHS FOUNDATION TRUST	37,508	19,014	97.3%	NORTHERN LINCOLNSHIRE AND GOOLE HOSPITALS NHS FOUNDATION TRUST	26,944	16,752	71.0%
NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST	49,058	17,619	178.4%	NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST	51,727	20,542	151.8%
NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST	55,074	26,839	105.2%	NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST	67,246	29,567	127.4%
NOTTINGHAMSHIRE COUNTY TEACHING PCT				NOTTINGHAMSHIRE COUNTY TEACHING PCT	1,171	1,291	-9.3%
NOTTINGHAMSHIRE HEALTHCARE NHS TRUST	4,029	5,172	-22.1%	NOTTINGHAMSHIRE HEALTHCARE NHS TRUST	1,877	2,376	-21.0%
NUFFIELD ORTHOPAEDIC CENTRE NHS TRUST	2,658	1,486	78.8%	NUFFIELD ORTHOPAEDIC CENTRE NHS TRUST	3,040	1,697	79.2%
OXFORD RADCLIFFE HOSPITALS NHS TRUST	39,280	15,993	145.6%	OXFORD RADCLIFFE HOSPITALS NHS TRUST	45,901	17,932	166.0%
OXLEAS NHS FOUNDATION TRUST				OXLEAS NHS FOUNDATION TRUST	4,026	2,614	54.0%
PAPWORTH HOSPITAL NHS FOUNDATION TRUST	8,780	7,106	23.6%	PAPWORTH HOSPITAL NHS FOUNDATION TRUST	8,258	7,226	14.3%
PENINSULA NHS TREATMENT CENTRE				PENINSULA NHS TREATMENT CENTRE	355	284	25.1%
PENNINE ACUTE HOSPITALS NHS TRUST	75,955	38,143	99.1%	PENNINE ACUTE HOSPITALS NHS TRUST	79,338	40,809	95.1%
PETERBOROUGH AND STAMFORD HOSPITALS NHS FOUNDATION TRUST	25,979	11,540	125.1%	PETERBOROUGH AND STAMFORD HOSPITALS NHS FOUNDATION TRUST	29,946	13,512	121.6%
PLYMOUTH HOSPITALS NHS TRUST	42,267	22,723	86.0%	PLYMOUTH HOSPITALS NHS TRUST	48,125	25,375	89.7%
PLYMOUTH TEACHING PCT				PLYMOUTH TEACHING PCT	1,404	1,960	-28.4%
POOLE HOSPITAL NHS FOUNDATION TRUST	26,760	10,295	159.9%	POOLE HOSPITAL NHS FOUNDATION TRUST	23,826	9,948	139.5%
PORTSMOUTH HOSPITALS NHS TRUST	45,739	20,327	125.3%	PORTSMOUTH HOSPITALS NHS TRUST	51,861	21,811	137.8%
QUEEN ELIZABETH HOSPITAL NHS TRUST	18,926	5,794	226.6%	QUEEN ELIZABETH HOSPITAL NHS TRUST	13,654	5,658	141.3%
QUEEN MARY'S SIDCUP NHS TRUST	8,455	2,748	207.7%	QUEEN MARY'S SIDCUP NHS TRUST	11,035	3,250	239.5%
QUEEN VICTORIA HOSPITAL NHS FOUNDATION TRUST	1,148	684	67.8%	QUEEN VICTORIA HOSPITAL NHS FOUNDATION TRUST	1,197	791	51.3%
REDCAR AND CLEVELAND PCT	682	738	-7.6%	REDCAR AND CLEVELAND PCT			
ROBERT JONES AND AGNES HUNT ORTHOPAEDIC AND DISTRICT	3,638	2,453	48.3%	ROBERT JONES AND AGNES HUNT ORTHOPAEDIC AND DISTRICT	3,796	2,393	58.6%
ROTHERHAM, DONCASTER AND SOUTH HUMBER MENTAL HEALTH TRUST	9,201	4,578	101.0%	ROTHERHAM, DONCASTER AND SOUTH HUMBER MENTAL HEALTH TRUST	2,848	3,228	-11.8%
ROYAL BERKSHIRE NHS FOUNDATION TRUST	26,586	11,720	126.8%	ROYAL BERKSHIRE NHS FOUNDATION TRUST	28,684	13,557	111.6%
ROYAL BOLTON HOSPITAL NHS FOUNDATION TRUST	32,160	13,347	141.0%	ROYAL BOLTON HOSPITAL NHS FOUNDATION TRUST	25,030	11,812	111.9%
ROYAL BROMPTON AND HAREFIELD NHS TRUST	13,557	10,333	24.0%	ROYAL BROMPTON AND HAREFIELD NHS TRUST	14,399	10,816	33.1%
ROYAL CORNWALL HOSPITALS NHS TRUST	32,659	13,113	149.1%	ROYAL CORNWALL HOSPITALS NHS TRUST	30,462	15,559	95.8%
ROYAL DEVON AND EXETER NHS FOUNDATION TRUST	25,301	12,642	100.1%	ROYAL DEVON AND EXETER NHS FOUNDATION TRUST	27,468	12,965	111.9%
ROYAL FREE HAMPSTEAD NHS TRUST	24,726	9,356	164.3%	ROYAL FREE HAMPSTEAD NHS TRUST	24,655	26,571	-7.2%
ROYAL LIVERPOOL AND BROADGREEN UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	44,097	18,967	132.5%	ROYAL LIVERPOOL AND BROADGREEN UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	41,355	21,108	95.9%
ROYAL NATIONAL HOSPITAL FOR RHEUMATIC DISEASES NHS FOUNDATION TRUST	1,189	650	83.0%	ROYAL NATIONAL HOSPITAL FOR RHEUMATIC DISEASES NHS FOUNDATION TRUST	755	660	14.4%
ROYAL NATIONAL ORTHOPAEDIC HOSPITAL NHS TRUST	2,918	2,164	34.8%	ROYAL NATIONAL ORTHOPAEDIC HOSPITAL NHS TRUST	3,544	2,118	67.3%
ROYAL SURREY COUNTY HOSPITAL NHS TRUST	17,734	8,784	102.6%	ROYAL SURREY COUNTY HOSPITAL NHS TRUST	19,079	10,307	85.1%
ROYAL UNITED HOSPITAL BATH NHS TRUST	29,560	16,897	77.3%	ROYAL UNITED HOSPITAL BATH NHS TRUST	30,467	17,855	70.6%
ROYAL WEST SUSSEX NHS TRUST	17,757	9,266	91.6%	ROYAL WEST SUSSEX NHS TRUST	20,796	11,090	87.5%
<b>SALFORD ROYAL NHS FOUNDATION TRUST</b>	<b>30,425</b>	<b>13,104</b>	<b>132.2%</b>	<b>SALFORD ROYAL NHS FOUNDATION TRUST</b>	<b>29,171</b>	<b>14,050</b>	<b>107.8%</b>
SALISBURY NHS FOUNDATION TRUST	14,409	6,667	116.1%	SALISBURY NHS FOUNDATION TRUST	18,403	10,251	79.5%
SANDWELL AND WEST BIRMINGHAM HOSPITALS NHS TRUST	54,361	24,493	121.9%	SANDWELL AND WEST BIRMINGHAM HOSPITALS NHS TRUST	59,665	24,335	139.3%
SCARBOROUGH AND NORTH EAST YORKSHIRE HEALTH CARE NHS FOUNDATION TRUST	13,564	6,413	111.5%	SCARBOROUGH AND NORTH EAST YORKSHIRE HEALTH CARE NHS FOUNDATION TRUST	11,521	5,933	93.5%
SHEFFIELD CHILDREN'S NHS FOUNDATION TRUST	320	239	33.7%	SHEFFIELD CHILDREN'S NHS FOUNDATION TRUST	364	239	52.4%
SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST	61,975	22,731	172.6%	SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST	77,015	30,363	153.7%
SHEPTON MALLET NHS TREATMENT CENTRE	165	94	74.6%	SHEPTON MALLET NHS TREATMENT CENTRE	421	415	1.4%
SHERWOOD FOREST HOSPITALS NHS FOUNDATION TRUST	31,814	12,132	162.2%	SHERWOOD FOREST HOSPITALS NHS FOUNDATION TRUST	35,241	13,914	153.3%
SHREWSBURY AND TELFORD HOSPITAL NHS TRUST	30,029	15,672	91.6%	SHREWSBURY AND TELFORD HOSPITAL NHS TRUST	37,251	16,894	120.5%
SOMERSET PCT	4,645	2,876	61.5%	SOMERSET PCT	5,518	3,850	43.3%
SOUTH BIRMINGHAM PCT	6,692	3,572	87.4%	SOUTH BIRMINGHAM PCT	3,698	1,492	147.9%
SOUTH DEVON HEALTHCARE NHS FOUNDATION TRUST	19,778	9,691	104.1%	SOUTH DEVON HEALTHCARE NHS FOUNDATION TRUST	22,083	10,681	106.7%
SOUTH ESSEX PARTNERSHIP UNIVERSITY NHS FOUNDATION TRUST				SOUTH ESSEX PARTNERSHIP UNIVERSITY NHS FOUNDATION TRUST	3,165	2,532	25.0%
SOUTH STAFFORDSHIRE PCT	1,518	119	1179.8%	SOUTH STAFFORDSHIRE PCT			
SOUTH TEES HOSPITALS NHS TRUST	41,014	20,744	97.7%	SOUTH TEES HOSPITALS NHS TRUST	42,399	23,335	81.7%
SOUTH TYNESIDE NHS FOUNDATION TRUST	16,008	8,200	95.2%	SOUTH TYNESIDE NHS FOUNDATION TRUST	17,978	7,815	130.0%
SOUTH WARWICKSHIRE GENERAL HOSPITALS NHS TRUST	13,928	6,307	120.8%	SOUTH WARWICKSHIRE GENERAL HOSPITALS NHS TRUST	15,910	8,035	98.0%
SOUTH WEST ESSEX PCT				SOUTH WEST ESSEX PCT	1,403	1,271	10.4%
SOUTH WEST YORKSHIRE MENTAL HEALTH NHS TRUST				SOUTH WEST YORKSHIRE MENTAL HEALTH NHS TRUST	2,219	3,440	-35.5%
SOUTHAMPTON NHS TREATMENT CENTRE				SOUTHAMPTON NHS TREATMENT CENTRE	18	31	-41.9%
SOUTHAMPTON UNIVERSITY HOSPITALS NHS TRUST	24,982	10,084	147.7%	SOUTHAMPTON UNIVERSITY HOSPITALS NHS TRUST	38,159	16,024	138.1%
SOUTHWEND UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	29,065	13,980	107.8%	SOUTHWEND UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	30,065	16,767	78.9%
SOUTHPORT AND ORMSKIRK HOSPITAL NHS TRUST	20,370	9,728	109.4%	SOUTHPORT AND ORMSKIRK HOSPITAL NHS TRUST	21,756	12,391	75.6%
SPIRE CHESHIRE HOSPITAL				SPIRE CHESHIRE HOSPITAL	85	63	34.1%
SPIRE HARTSWOOD HOSPITAL				SPIRE HARTSWOOD HOSPITAL	40	20	98.2%
SPIRE LEEDS HOSPITAL				SPIRE LEEDS HOSPITAL	26	19	37.9%
SPIRE LITTLE ASTON HOSPITAL				SPIRE LITTLE ASTON HOSPITAL	68	57	19.3%
SPIRE MURRAYFIELD HOSPITAL				SPIRE MURRAYFIELD HOSPITAL	87	61	43.7%
SPIRE RODING HOSPITAL				SPIRE RODING HOSPITAL	28	17	60.7%
SPIRE WELLESLEY HOSPITAL				SPIRE WELLESLEY HOSPITAL	31	30	2.2%
ST GEORGE'S HEALTHCARE NHS TRUST	37,250	12,758	192.0%	ST GEORGE'S HEALTHCARE NHS TRUST	39,775	14,769	169.3%
ST HENRI'S AND KNOWSLEY HOSPITALS NHS TRUST	34,043	13,387	154.3%	ST HENRI'S AND KNOWSLEY HOSPITALS NHS TRUST	35,725	15,478	131.1%



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Sign-out | Manage Users  
You are logged in as Bob Young

- > Home
- > About NDIS
- > Tools
- > Reports
- > Datasets
- > Links

## NDIS Tools

You can access a comprehensive set of analytical and reporting tools for diabetes. For some of the tools, you may need to register as a new user, or use your existing sign on details if you're already registered.

**Tools**

**Health Needs Assessments**  
A version of the Diabetes HNA application is now available. Please note that a number of minor visual issues remain in the system, however the data has been extensively checked and verified. Please let us know by email if you experience any anomalies by at [ndis@ic.nhs.uk](mailto:ndis@ic.nhs.uk)

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This NDIS analysis examined whether a patient's stay

**Tools in development**

**Patient Toolkit**

**GP Toolkit**

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Will allow users to bring together a range of data on diabetes and related issues into a downloadable PDF.



# Open Exeter

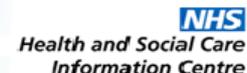
All information and data within this application must be treated as confidential

User Code:

Password:

<a href="#">Important Information</a>	<a href="#">Problems Logging-in?</a>	<a href="#">Contact Details</a>
<a href="#">Bulletin Board (Dynamic)</a>	<a href="#">Help</a>	<a href="#">Caldicott Guardian Register</a>
<a href="#">Links &amp; Downloads</a>	<a href="#">Browser Settings</a>	<a href="#">Data Controllers</a>

# Clinical Audit Diabetes



Home Page

SALFORD ROYAL HOSPITALS NHS TRUST (RM301)

Logout

Audit Year: NDA 2008/09

## Home Page

The NCASP Diabetes Audit System has been created to support the collection and analysis of national clinical data for audit purposes.

**Data quality reports**

Reports on collected data may be viewed by making selections from the Reports Screen accessed by clicking the 'Data quality reports' button.

**PIANO**

Patient data from other systems can be uploaded to the central database by clicking the 'to the audit' button.

The NDA PIANO toolkit provides the analysis for the audit questions and may be accessed by clicking the "PIANO" button.

To obtain a proforma for data collection, please use these links:

[PDF Proforma](#) / [Word Proforma](#)

To suggest a change or enhancement to the application please complete the

[Change Request Form.](#)

For assistance using this system, please email [exeter.helpdesk@nhs.net](mailto:exeter.helpdesk@nhs.net) or telephone 01392 251289

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User: **Bob Young** Interface: **Advanced** | Preferences | Help | About | Log Off |

**User Settings**

**INTERFACE** [Advanced](#)

**LAST LOGGED IN** 03/05/2010

**USER ROLE** Secure (Diabetes)

**Last Successful Query**

[National Diabetes Audit \(NDA\) Release 6 \(25 April 2010\)](#)

**Tip of the Day**

The Advanced Interface that can be set within user preferences grants control over what can be specified in a GROUPBY clause.

**Updates**

There are no news items

**Feedback**

Please add any feedback to the text box below and click submit to send to the support team

**Available Toolkits**

- [National Diabetes Audit \(NDA\) Release 6](#) **NEW**

This Release contains data from Audit year 2008/9 and allows you to compare results with Audit years 2007/8, 2006/7, 2005/6, 2004/5 and 2003/4.
- [National Diabetes Audit \(NDA\) Release 5](#)

This Release contains data from Audit year 2007/8 and allows you to compare results with Audit years 2006/7, 2005/6, 2004/5 and 2003/4. Complications data will be available for this release in June 2008.
- [National Diabetes Audit \(NDA\) Release 4](#)

This Release contains data from Audit year 2006/7 and allows you to compare results with Audit years 2005/6, 2004/5 and 2003/4. Complications data will be available for this release in January 2008 when data for HES year 2006.7 is available.
- [National Diabetes Audit \(NDA\) Release 3](#)

This Release contains data from Audit year 2006/6 and allows you to compare results with Audit years 2004/5 and 2003/4. Complications data will be available for this release in January 2007 when data for HES year 2005.6 is available.
- [National Diabetes Audit \(NDA\) Release 2](#)

This Release contains data from Audit year 2004/5 and allows you to compare results with Audit year 2003/4. Complications data will be available for this release in January 2006 when data for HES year 2004.5 is available.
- [National Diabetes Audit \(NDA\) Release 1 \(online Tutorial available\)](#)

This Release contains data from Audit year 2003/4 only.
- [National Diabetes Audit \(Paeds only\) Release 6](#) **NEW**

This Release contains data from Paediatric Units from Audit year 2008/9 and allows you to compare results with Audit years 2007/8, 2006/7, 2005/6, 2004/5 and 2003/4.
- [National Diabetes Audit \(Paeds only\) Release 5](#)

This Release contains data from Paediatric Units from Audit year 2007/8 and allows you to compare results with Audit years 2006/7, 2005/6, 2004/5 and 2003/4. Complications data will be available for this release in March 2008 when data for HES year 2007.8 is available. Deprivation quintiles are calculated using IMD 2008 for Paediatric units in Wales and IMD 2007 for Paediatric units in England. Please note that deprivation quintiles for Wales are not comparable with deprivation quintiles for England in this toolkit.
- [National Diabetes Audit \(Paeds only\) Release 4](#)

This Release contains data from Audit year 2006/7 and allows you to compare results with Audit years 2005/6, 2004/5 and 2003/4. Complications data will be available for this release in January 2008 when data for HES year 2006.7 is available.
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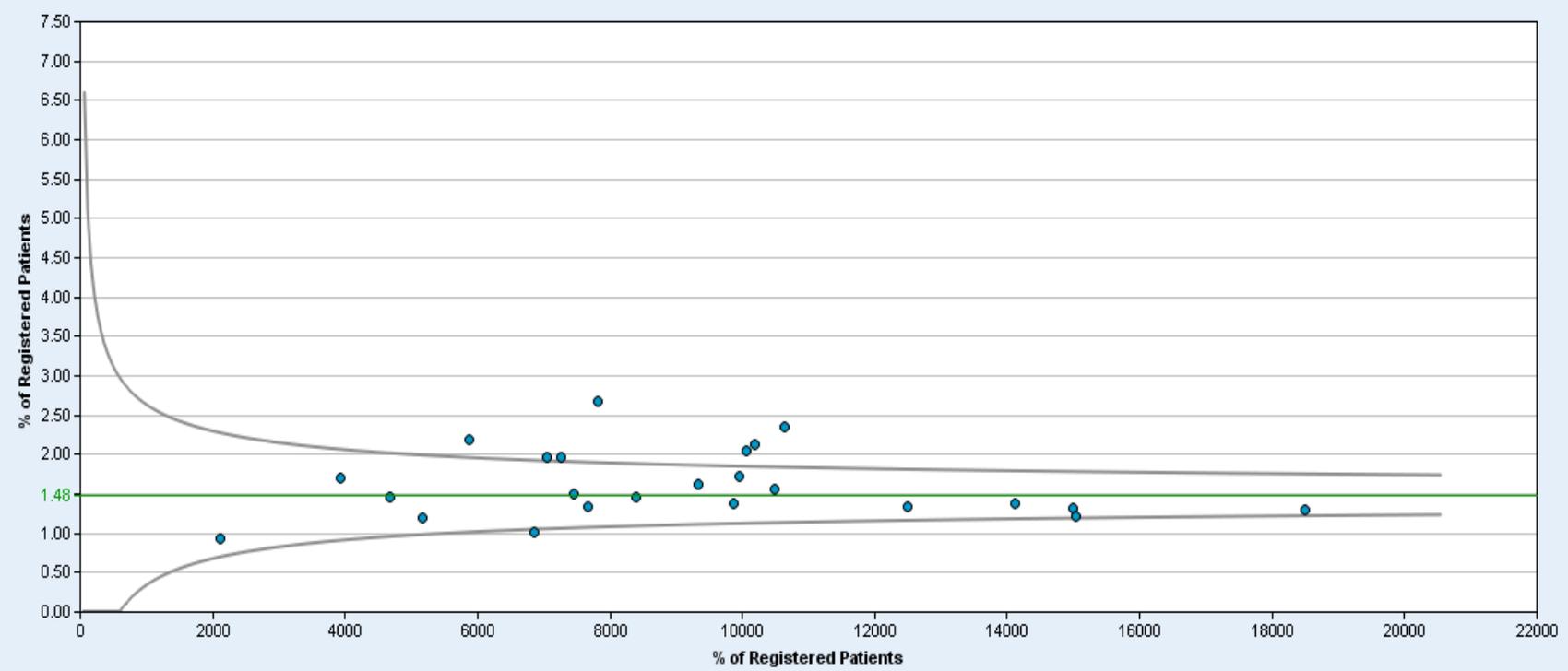
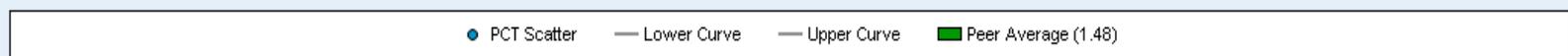
This Release contains data from Audit year 2004/5 and allows you to compare results with Audit year 2003/4. Complications data will be available for this release in January 2007 when data for HES year 2005.6 is available.



Title: **Complications - Prevalence (SPC) by Registered GP (SHA) for SHA (North West)**

Where: Complication: Ketoacidosis  
 Registrations From: All sources  
 Complications From: HES 5 years  
 Audit year: 2008/9

Chart Table Information Query

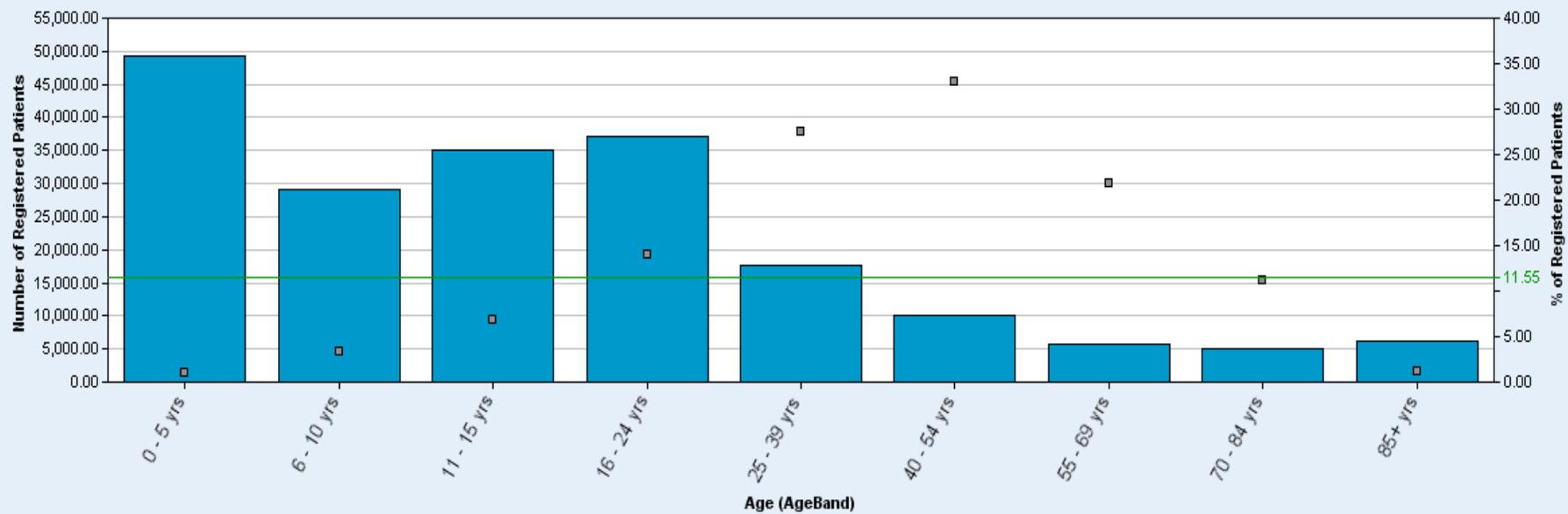


Title: **Complications - Prevalence by Age (AgeBand)**

Where: Registrations From: All sources  
 Complication: Ketoacidosis  
 Complications From: NCASP and HES 5 years (prev only)  
 DiabetesType: Type 1  
 Audit year: 2008/9

Chart | Table | Information | Query

■ Registrations. ■ Prevalence % — Prevalence % - Selection & National (11.55)



# National Diabetes Audit (NDA) Release 6 [\( Change Toolkit \)](#)



User: **Bob Young** Interface: **Advanced** | [Preferences](#) | [Help](#) | [About](#) | [Log Off](#) |

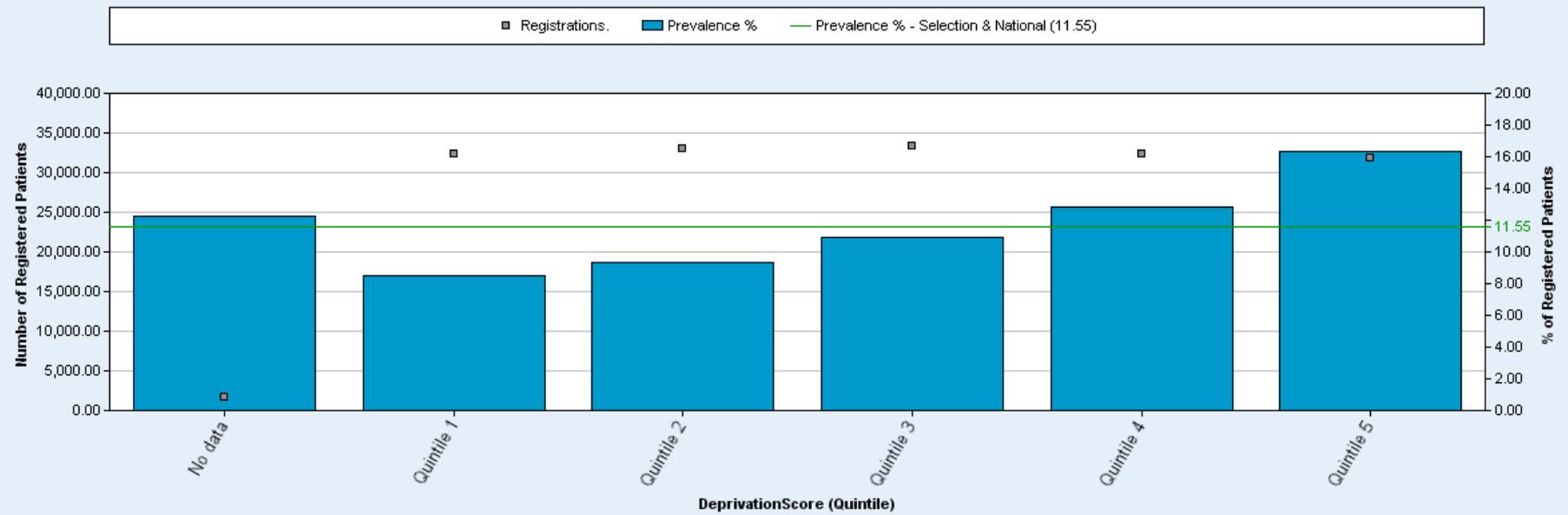
Select Indicator Organisation Administrative Time Patient Clinical

Sort: Groupby Show: Upper 50

## Title: **Complications - Prevalence by DeprivationScore (Quintile)**

Where: Registrations From: All sources  
 Complication: Ketoacidosis  
 Complications From: NCASP and HES 5 years (prev only)  
 DiabetesType: Type 1  
 Audit year: 2008/9

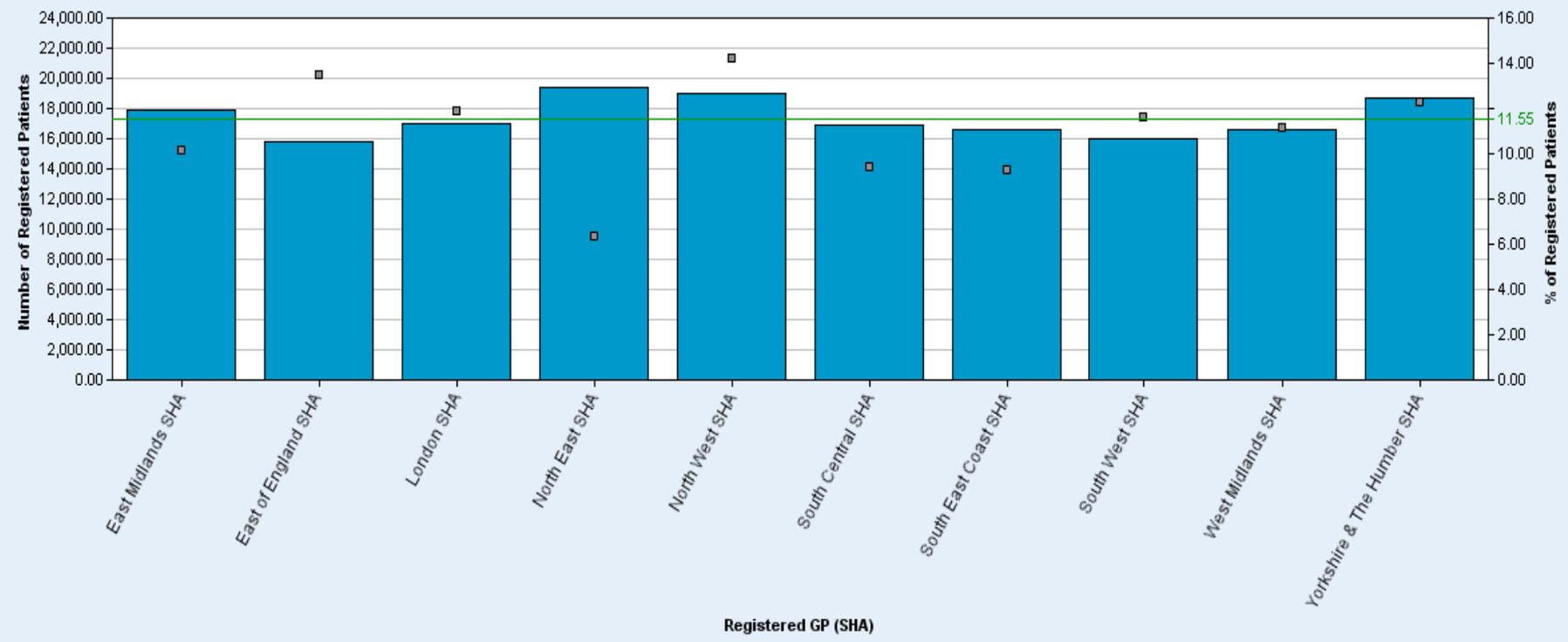
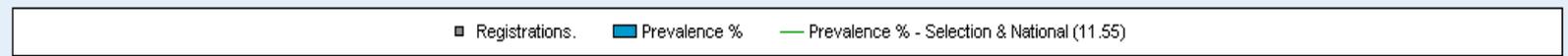
Chart Table Information Query



**Title: Complications - Prevalence by Registered GP (SHA)**

**Where:**  
 Registrations From: All sources  
 Complication: Ketoacidosis  
 Complications From: NCASP and HES 5 years (prev only)  
 DiabetesType: Type 1  
 Audit year: 2008/9

Chart | Table | Information | Query

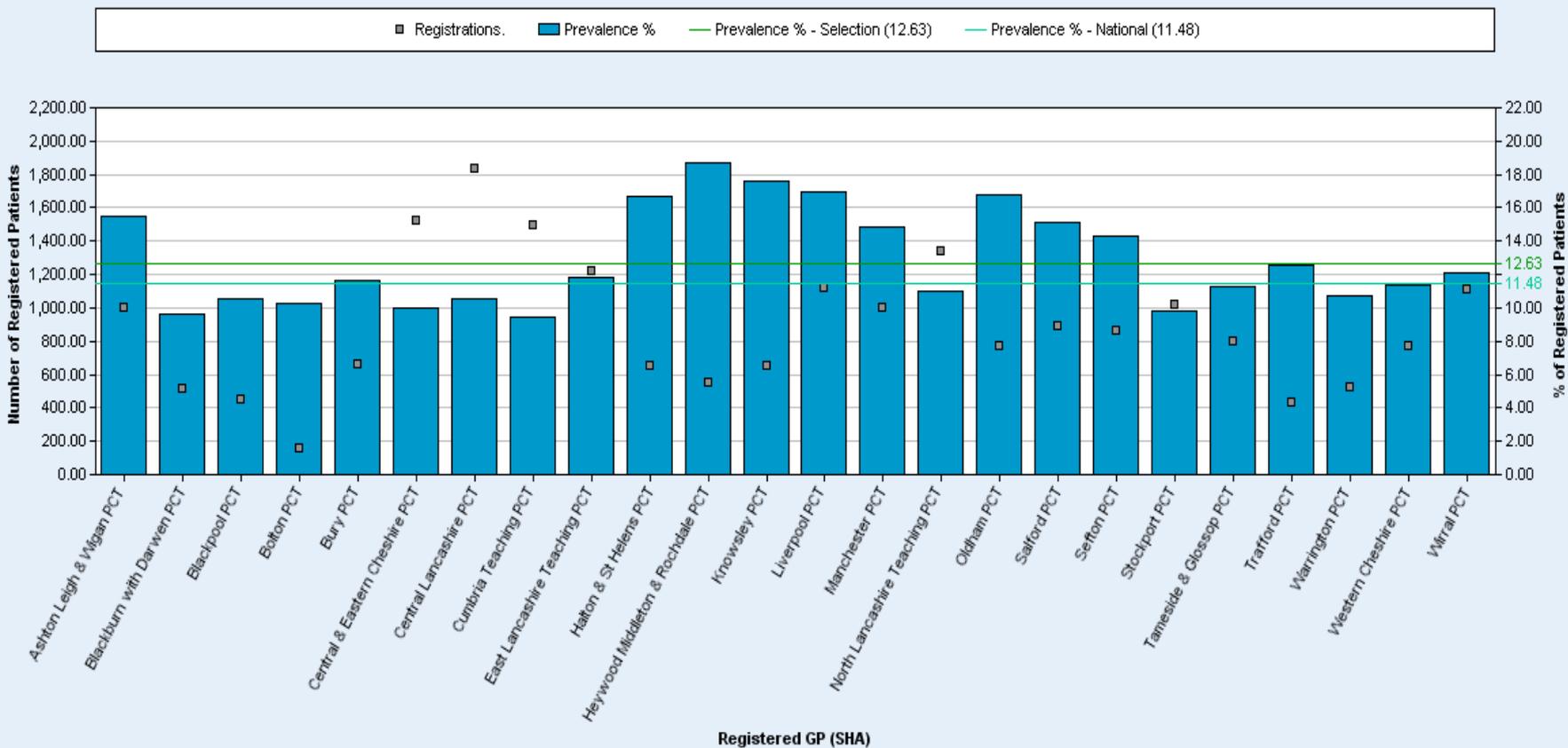


Registered GP (SHA)

Title: **Complications - Prevalence by Registered GP (SHA) for SHA (North West)**

Where: Complication: Ketoacidosis  
 DiabetesType: Type 1  
 Registrations From: All sources  
 Complications From: HES 5 years  
 Audit year: 2008/9

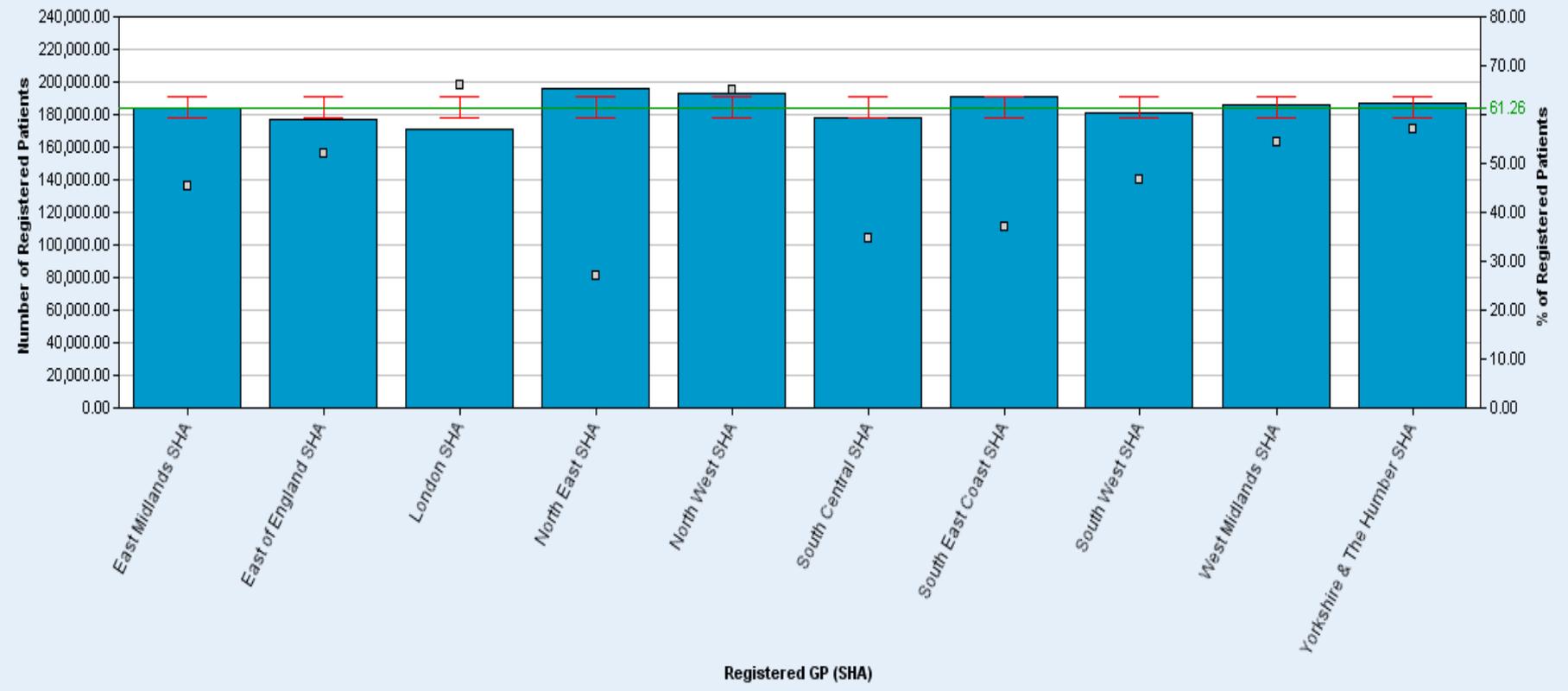
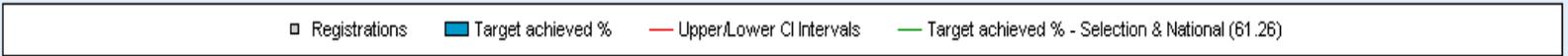
Chart | Table | Information | Query



Title: Target achieved (%) by Registered GP (SHA)

Where: Target: NICE HbA1c <= 7.5%  
 Quartiles based on: National set  
 Registrations From: All sources  
 Results From: All sources  
 Targets from: All patients  
 DiabetesType: Type 2  
 Audit year: 2008/9

Chart Benchmark Table Information Query

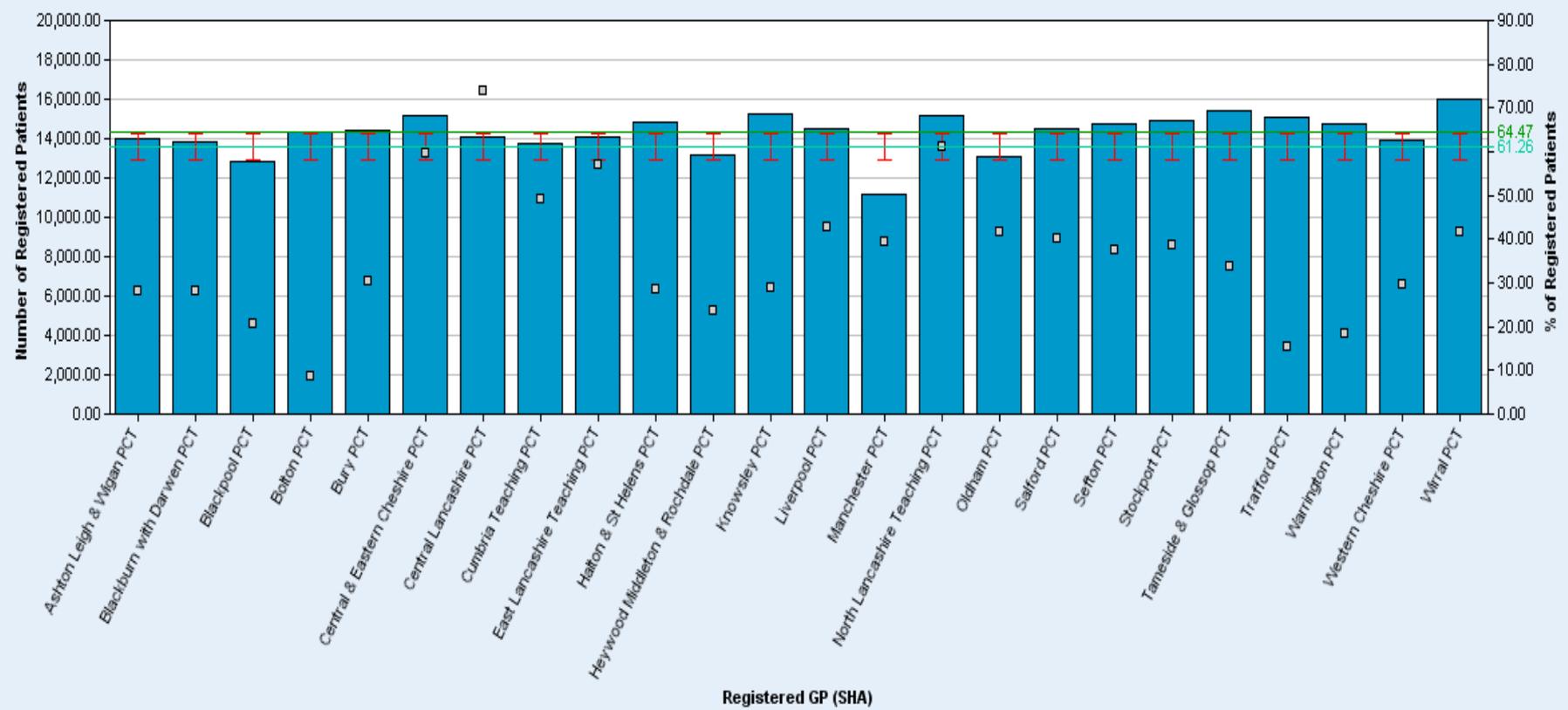


**Title: Target achieved (%) by Registered GP (SHA) for SHA (North West)**

**Where:**  
 Target: NICE HbA1c <= 7.5%  
 DiabetesType: Type 2  
 Registrations From: All sources  
 Results From: All sources  
 Quartiles based on: National set  
 Targets from: All patients  
 Audit year: 2008/9

Chart   Benchmark   Table   Information   Query

□ Registrations   
 ■ Target achieved %   
 — Upper/Lower CI Intervals   
 — Target achieved % - Selection (64.47)   
 — Target achieved % - National (61.26)

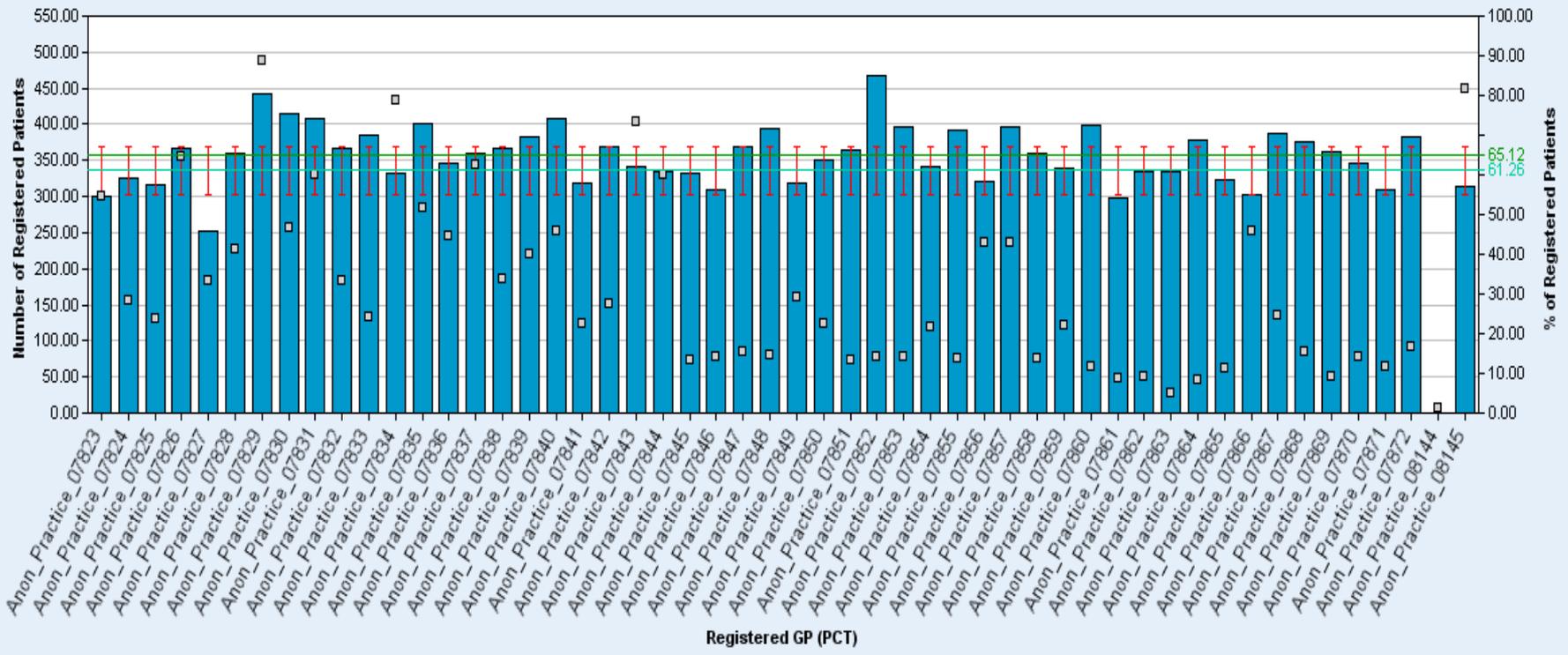


Title: Target achieved (%) by Registered GP (PCT) for PCT (Salford)

Where: Target: NICE HbA1c <= 7.5%  
 DiabetesType: Type 2  
 Registrations From: All sources  
 Results From: All sources  
 Quartiles based on: National set  
 Targets from: All patients  
 Audit year: 2008/9

Chart Benchmark Table Information Query

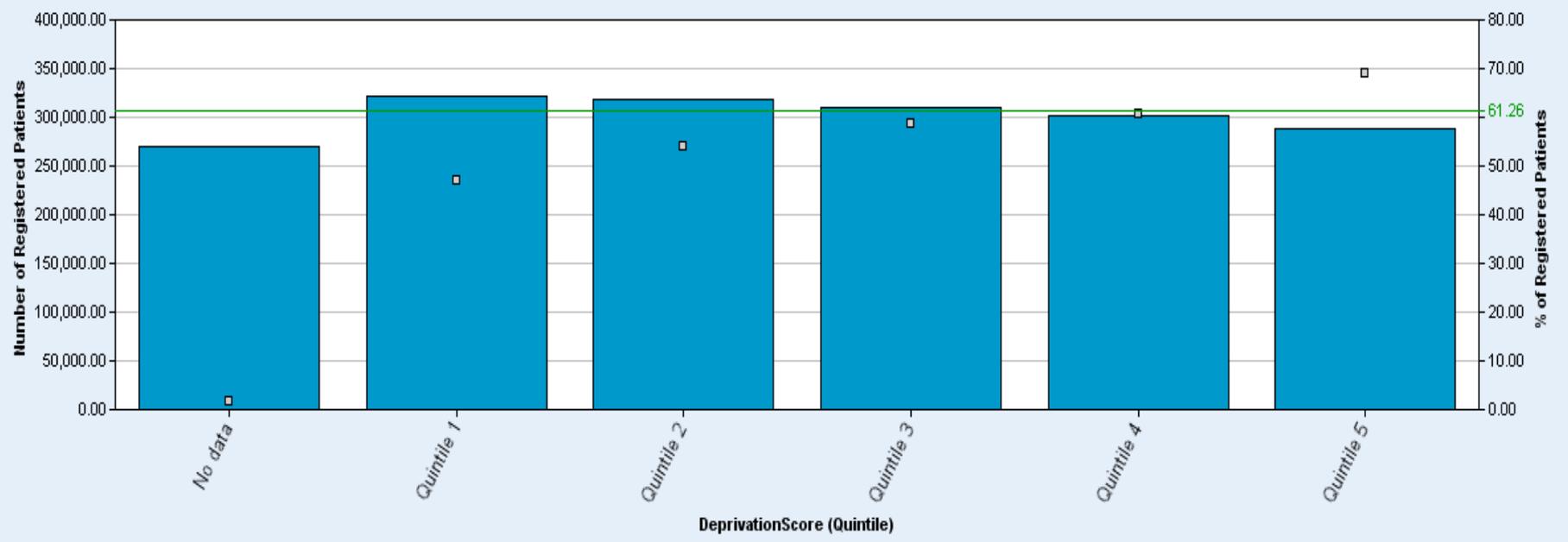
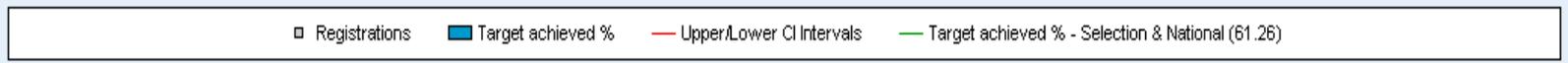
Registrations Target achieved % Upper/Lower CI Intervals Target achieved % - Selection (65.12) Target achieved % - National (61.26)



**Title: Target achieved (%) by DeprivationScore (Quintile)**

**Where:**  
 Target: NICE HbA1c <= 7.5%  
 DiabetesType: Type 2  
 Registrations From: All sources  
 Results From: All sources  
 Quartiles based on: National set  
 Targets from: All patients  
 Audit year: 2008/9

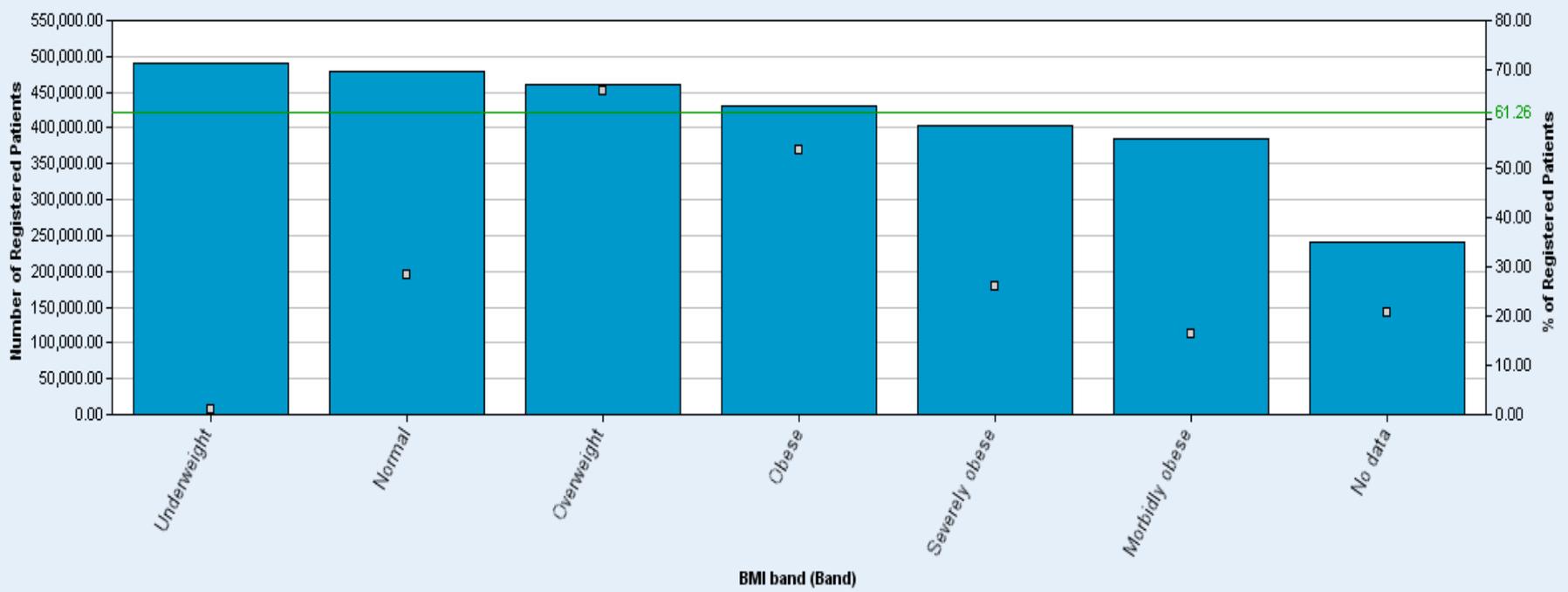
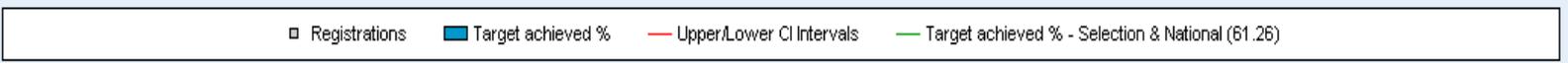
Chart Table Information Query



### Title: Target achieved (%) by BMI band (Band)

Where: Target: NICE HbA1c <= 7.5%  
DiabetesType: Type 2  
Registrations From: All sources  
Results From: All sources  
Quartiles based on: National set  
Targets from: All patients  
Audit year: 2008/9

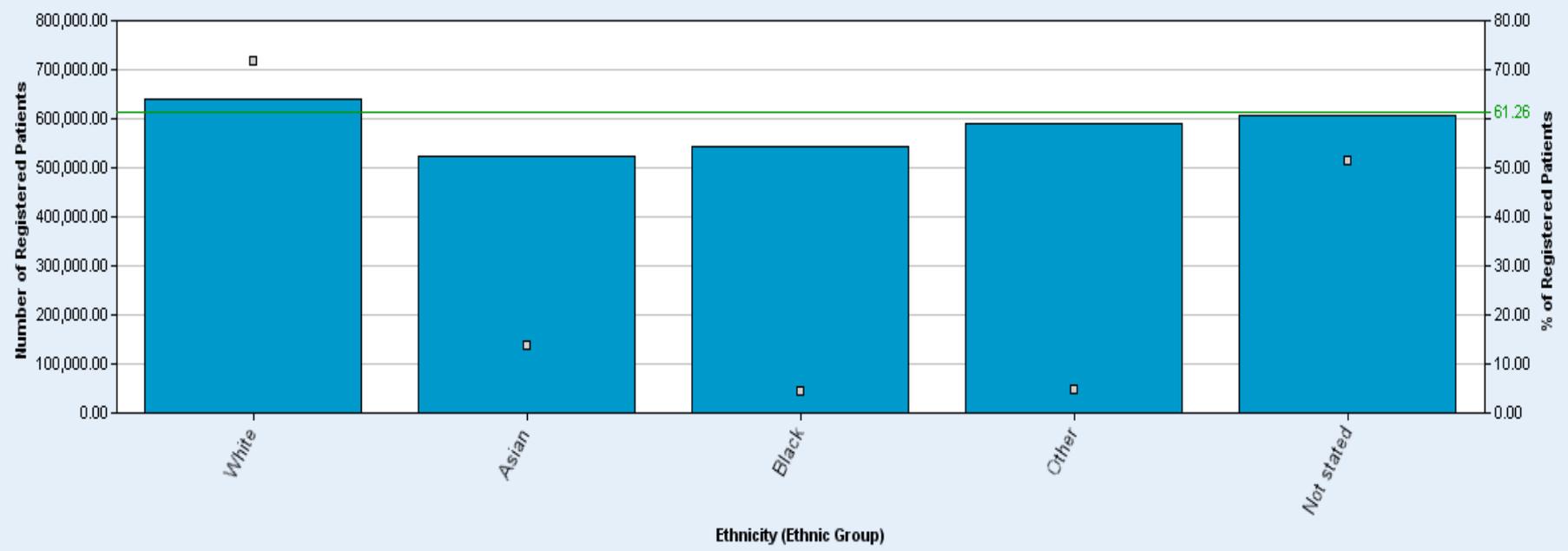
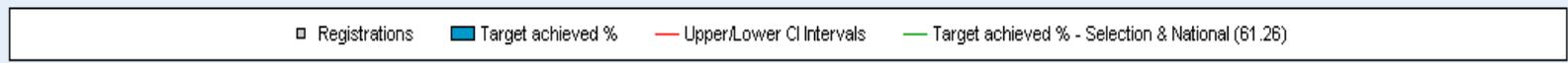
Chart Table Information Query



### Title: Target achieved (%) by Ethnicity (Ethnic Group)

Where: Target: NICE HbA1c <= 7.5%  
DiabetesType: Type 2  
Registrations From: All sources  
Results From: All sources  
Quartiles based on: National set  
Targets from: All patients  
Audit year: 2008/9

Chart Table Information Query



Title: **Target achieved (%) by Gender (Sex)** 

Where: Target: GMS HbA1c <= 10.0%  
DiabetesType: Type 1  
Registrations From: Primary Care only  
Results From: All sources  
Quartiles based on: National set  
Targets from: All patients  
Audit year: 2008/9  
Registered GP: Salford PCT

 Chart     Benchmark     Table     Information     Query

	<b>Registrations</b>	<b>Target achieved %</b>	<b>Lower 90% CI</b>	<b>Upper 90% CI</b>
<a href="#">male</a>	499	64.93	68.81	74.40
<a href="#">female</a>	386	68.13	67.96	74.24
<b>Selection Total</b>	885	66.33		
<b>(National Value)</b>	154,990	72.24		

**Title: Target achieved (%) by Age (AgeBand)**

**Where:** Target: NICE HbA1c <= 7.5%  
DiabetesType: Type 1  
Registrations From: Primary Care only  
Results From: All sources  
Quartiles based on: National set  
Targets from: All patients  
Audit year: 2008/9  
Registered GP: Salford PCT

[Chart](#) [Benchmark](#) [Table](#) [Information](#) [Query](#)

	<b>Registrations</b>	<b>Target achieved %</b>	<b>Lower 90% CI</b>	<b>Upper 90% CI</b>
<a href="#">0 - 5 yrs</a>	1	0.00	-	-
<a href="#">6 - 10 yrs</a>	12	8.33	-	-
<a href="#">11 - 15 yrs</a>	47	12.77	8.25	16.00
<a href="#">16 - 24 yrs</a>	121	9.92	11.86	18.09
<a href="#">25 - 39 yrs</a>	212	25.47	20.52	26.30
<a href="#">40 - 54 yrs</a>	252	20.24	20.00	26.68
<a href="#">55 - 69 yrs</a>	154	33.77	27.41	34.66
<a href="#">70 - 84 yrs</a>	79	39.24	34.09	43.56
<a href="#">85+ yrs</a>	7	42.86	-	-
<b>Selection Total</b>	885	23.73		
<b>(National Value)</b>	154,990	24.82		

Title: **Target achieved (%) by Age (AgeBand)** 

Where: Target: GMS HbA1c <= 10.0%  
 DiabetesType: Type 1  
 Registrations From: Primary Care only  
 Results From: All sources  
 Quartiles based on: National set  
 Targets from: All patients  
 Audit year: 2008/9  
 Registered GP: Salford PCT

 Chart
  Benchmark
  Table
  Information
  Query

	Registrations	Target achieved %	Lower 90% CI	Upper 90% CI
<a href="#">0 - 5 yrs</a>	1	100.00	-	-
<a href="#">6 - 10 yrs</a>	12	75.00	-	-
<a href="#">11 - 15 yrs</a>	47	55.32	51.93	71.04
<a href="#">16 - 24 yrs</a>	121	46.28	47.87	57.46
<a href="#">25 - 39 yrs</a>	212	66.04	62.76	70.54
<a href="#">40 - 54 yrs</a>	252	63.89	70.49	77.30
<a href="#">55 - 69 yrs</a>	154	77.92	77.90	85.76
<a href="#">70 - 84 yrs</a>	79	84.81	83.00	89.87
<a href="#">85+ yrs</a>	7	100.00	-	-
<b>Selection Total</b>	885	66.33		
<b>(National Value)</b>	154,990	72.24		

# Title: Target achieved (%) by DeprivationScore (Quintile)

Where: Target: NICE HbA1c <= 7.5%  
DiabetesType: Type 1  
Registrations From: Primary Care only  
Results From: All sources  
Quartiles based on: National set  
Targets from: All patients  
Audit year: 2008/9  
Registered GP: Salford PCT

 Chart

 Benchmark

 Table

 Information

 Query

	Registrations	Target achieved %	Lower 90% CI	Upper 90% CI
<a href="#">No data</a>	7	14.29	-	-
<a href="#">Quintile 1</a>	27	40.74	25.22	31.58
<a href="#">Quintile 2</a>	76	28.95	22.86	29.49
<a href="#">Quintile 3</a>	117	24.79	22.22	28.92
<a href="#">Quintile 4</a>	257	24.90	20.00	26.67
<a href="#">Quintile 5</a>	401	20.70	18.18	23.11
<b>Selection Total</b>	885	23.73		
<b>(National Value)</b>	154,990	24.82		

Title: **Target achieved (%) by DeprivationScore (Quintile)** 

Where: Target: GMS HbA1c <= 10.0%  
DiabetesType: Type 1  
Registrations From: Primary Care only  
Results From: All sources  
Quartiles based on: National set  
Targets from: All patients  
Audit year: 2008/9  
Registered GP: Salford PCT

 Chart     Benchmark     Table     Information     Query

	Registrations	Target achieved %	Lower 90% CI	Upper 90% CI
<a href="#">No data</a>	7	42.86	-	-
<a href="#">Quintile 1</a>	27	85.19	74.50	81.05
<a href="#">Quintile 2</a>	76	76.32	72.22	77.98
<a href="#">Quintile 3</a>	117	69.23	69.46	76.92
<a href="#">Quintile 4</a>	257	65.76	66.33	73.26
<a href="#">Quintile 5</a>	401	63.09	61.85	68.87
<b>Selection Total</b>	885	66.33		
<b>(National Value)</b>	154,990	72.24		



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Information about diabetes –  
where have we got to?



<http://ndis.ic.nhs.uk/>

NDIS has made a start

You can do a lot already