Key findings about the quality of care for people with diabetes in Bath and North East Somerset PCT

Report for the audit period 2010-2011
Participation

This year 26 practices (96.3%) from Bath and North East Somerset PCT have submitted data to the National Diabetes Audit (NDA).

Practice participation rates for Bath and North East Somerset PCT by audit year are shown in Table 1.

Table 1. Practice participation rate for Bath and North East Somerset PCT by audit year

<table>
<thead>
<tr>
<th></th>
<th>2010 - 2011</th>
<th>2009 - 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of registered practices</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>Number of participating practices</td>
<td>26</td>
<td>21</td>
</tr>
<tr>
<td>PCT participation rate</td>
<td>96.3%</td>
<td>75.0%</td>
</tr>
</tbody>
</table>

Registrations

All patients with diabetes should be on the practice diabetes register.

The NDA receives information on patients with diabetes from both primary and secondary care. Table 2 shows where patients identified by secondary care (2°) are not found on the primary care (1°) diabetes register. Please note, the figures relate only to data for practices participating in the NDA.

Table 2. Diabetes registrations by type and source for Bath and North East Somerset PCT

<table>
<thead>
<tr>
<th>NDA Registrations</th>
<th>Total number of registrations</th>
<th>Registrations from 1° care</th>
<th>Registrations from 2° care unrecorded in 1° care</th>
<th>Percentage of patients unrecorded in 1° care</th>
</tr>
</thead>
<tbody>
<tr>
<td>All diabetes*</td>
<td>7,078</td>
<td>6,832</td>
<td>246</td>
<td>3.48%</td>
</tr>
<tr>
<td>Type 1</td>
<td>834</td>
<td>812</td>
<td>22</td>
<td>2.64%</td>
</tr>
<tr>
<td>Type 2</td>
<td>6,033</td>
<td>5,934</td>
<td>99</td>
<td>1.64%</td>
</tr>
</tbody>
</table>

*All diabetes includes maturity onset diabetes of the young (MODY), other specified and unspecified
Table 3 shows the ‘all ages’ prevalence of diabetes for patients in Bath and North East Somerset PCT by type of diabetes and compares it with last year’s and the national result. For participating practices the average prevalence is 3.72%.

Diabetes prevalence is calculated using patient registrations from primary care and patient registrations from secondary care if the patients GP practice participated in the audit.

Table 3. Diabetes prevalence in Bath and North East Somerset PCT by diabetes type

<table>
<thead>
<tr>
<th></th>
<th>PCT Prevalence of Diabetes</th>
<th>Percentage point change since 2009-2010</th>
<th>National Prevalence of Diabetes</th>
<th>Percentage point change since 2009-2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>All diabetes*</td>
<td>3.72%</td>
<td>+0.16%</td>
<td>4.57%</td>
<td>+0.21%</td>
</tr>
<tr>
<td>Type 1</td>
<td>0.44%</td>
<td>0.00%</td>
<td>0.41%</td>
<td>0.00%</td>
</tr>
<tr>
<td>Type 2</td>
<td>3.18%</td>
<td>+0.12%</td>
<td>4.07%</td>
<td>+0.20%</td>
</tr>
</tbody>
</table>

*All diabetes includes maturity onset diabetes of the young (MODY), other specified and unspecified.

The range of diabetes prevalence by GP Practice for all diabetes types are shown in Figure 1. Please note that this data is not age/sex standardised and variations in population profile may explain some of the variation in diabetes prevalence.

Figure 1. All diabetes prevalence in Bath and North East Somerset PCT by GP Practice
The prevalence of Type 1 diabetes by GP Practice is shown in Figure 2.

**Figure 2. Type 1 diabetes prevalence in Bath and North East Somerset PCT by GP Practice**

The prevalence of Type 2 diabetes by GP Practice is shown in Figure 3.

**Figure 3. Type 2 diabetes prevalence in Bath and North East Somerset PCT by GP Practice**
Demographics

Figures 4 and 5 display the demographic distribution of the NDA diabetes population by age and gender for Type 1 and Type 2 diabetes respectively. Please note the remainder of this report focuses on patients registered in primary care only.

Figure 4. Age and gender of patients with Type 1 diabetes in Bath and North East Somerset PCT

![Type 1 Diabetes Age and Gender Distribution](image1)

Figure 5. Age and gender of patients with Type 2 diabetes in Bath and North East Somerset PCT

![Type 2 Diabetes Age and Gender Distribution](image2)
Care Processes

All patients aged 12 years and over should receive all of the nine, National Institute for Clinical Excellence (NICE) recommended, care processes (the core annual review ‘bundle’).

Care process results for patients of all diabetes types

The overall results for participating practices in Bath and North East Somerset PCT for patients of all ages and all diabetes types are shown in Table 4.

Table 4. Percentage of all patients in Bath and North East Somerset PCT receiving NICE recommended care processes by care process type

<table>
<thead>
<tr>
<th>Care Process recorded</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Care Processes*</td>
<td>57.3%</td>
<td>-2.38%</td>
<td>55.5%</td>
<td>2</td>
</tr>
<tr>
<td>Blood Creatinine</td>
<td>94.8%</td>
<td>+0.48%</td>
<td>93.1%</td>
<td>1</td>
</tr>
<tr>
<td>Blood Pressure</td>
<td>95.6%</td>
<td>-0.27%</td>
<td>95.2%</td>
<td>2</td>
</tr>
<tr>
<td>BMI</td>
<td>90.8%</td>
<td>+0.37%</td>
<td>90.0%</td>
<td>2</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>92.9%</td>
<td>+0.33%</td>
<td>91.7%</td>
<td>1</td>
</tr>
<tr>
<td>Eye Screening</td>
<td>86.0%</td>
<td>+3.44%</td>
<td>82.4%</td>
<td>1</td>
</tr>
<tr>
<td>Foot Exam</td>
<td>85.8%</td>
<td>-0.16%</td>
<td>84.5%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c**</td>
<td>93.7%</td>
<td>+0.66%</td>
<td>92.9%</td>
<td>2</td>
</tr>
<tr>
<td>Smoking Review</td>
<td>88.2%</td>
<td>-1.40%</td>
<td>85.7%</td>
<td>1</td>
</tr>
<tr>
<td>Urinary Albumin</td>
<td>74.0%</td>
<td>-4.37%</td>
<td>76.3%</td>
<td>3</td>
</tr>
</tbody>
</table>

*People registered with diabetes receiving all nine key processes of care processes

**For patients under 12 years of ages, ‘all care processes’ is defined as HbA1c only as other care process are not recommended in the NICE guidelines for this age group.

RAG (Red-Amber-Green) score key: ■ <70%  ■ 70% - 90%  ■ >90%

Figure 6 shows the variation, across all GP Practices, in the percentage of diabetes patients receiving all nine NICE recommended care processes.

Figure 6. All care processes achieved by GP Practice in Bath and North East Somerset PCT

---

National Diabetes Audit 2010-2011 – Bath and North East Somerset PCT
Copyright © 2012, The Health and Social Care Information Centre, National Diabetes Audit. All rights reserved.
At a national level, patients under the age of 55 years with either Type 1 or Type 2 diabetes are less likely than those who are 55 years and over to complete their annual checks.

Table 5 to Table 10 show the variation in the recording of care processes by age group and diabetes type for Bath and North East Somerset PCT.

**Care process results for patients with Type 1 diabetes**

The overall results for participating practices in Bath and North East Somerset PCT for patients of all ages with Type 1 diabetes are shown in Table 5.

**Table 5. Percentage of patients in Bath and North East Somerset PCT of all ages with Type 1 diabetes receiving NICE recommended care processes by care process type**

<table>
<thead>
<tr>
<th>Care Process recorded</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Care Processes*</td>
<td>46.1% □</td>
<td>+1.60%</td>
<td>38.6%</td>
<td>1</td>
</tr>
<tr>
<td>Blood Creatinine</td>
<td>86.5% □</td>
<td>-0.09%</td>
<td>80.6%</td>
<td>1</td>
</tr>
<tr>
<td>Blood Pressure</td>
<td>90.4% □</td>
<td>-1.89%</td>
<td>89.0%</td>
<td>1</td>
</tr>
<tr>
<td>BMI</td>
<td>87.4% □</td>
<td>+1.09%</td>
<td>83.9%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>83.8% □</td>
<td>-0.44%</td>
<td>78.3%</td>
<td>1</td>
</tr>
<tr>
<td>Eye Screening</td>
<td>82.0% □</td>
<td>+6.12%</td>
<td>78.0%</td>
<td>1</td>
</tr>
<tr>
<td>Foot Exam</td>
<td>72.2% □</td>
<td>-1.36%</td>
<td>72.0%</td>
<td>2</td>
</tr>
<tr>
<td>HbA1c**</td>
<td>87.4% □</td>
<td>-0.81%</td>
<td>85.9%</td>
<td>2</td>
</tr>
<tr>
<td>Smoking Review</td>
<td>88.8% □</td>
<td>+0.61%</td>
<td>79.3%</td>
<td>1</td>
</tr>
<tr>
<td>Urinary Albumin</td>
<td>65.4% □</td>
<td>+2.57%</td>
<td>58.9%</td>
<td>1</td>
</tr>
</tbody>
</table>

*People registered with diabetes receiving all nine key processes of care processes

**For patients under 12 years of ages, ‘all care processes’ is defined as HbA1c only as other care process are not recommended in the NICE guidelines for this age group.

RAG (Red-Amber-Green) score key: □ <70% □ 70% - 90% □ >90%
The overall results for participating practices in Bath and North East Somerset PCT for patients aged under 55 years with Type 1 diabetes are shown in Table 6.

Table 6. Percentage of patients in Bath and North East Somerset PCT aged under 55 years with Type 1 diabetes receiving NICE recommended care processes by care process type

<table>
<thead>
<tr>
<th>Care Process recorded</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Care Processes*</td>
<td>37.9%</td>
<td>-0.91%</td>
<td>33.2%</td>
<td>1</td>
</tr>
<tr>
<td>Blood Creatinine</td>
<td>81.9%</td>
<td>-0.34%</td>
<td>75.5%</td>
<td>1</td>
</tr>
<tr>
<td>Blood Pressure</td>
<td>87.0%</td>
<td>-2.59%</td>
<td>86.1%</td>
<td>2</td>
</tr>
<tr>
<td>BMI</td>
<td>84.8%</td>
<td>+2.15%</td>
<td>81.3%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>78.0%</td>
<td>-0.94%</td>
<td>73.1%</td>
<td>1</td>
</tr>
<tr>
<td>Eye Screening</td>
<td>79.9%</td>
<td>+4.37%</td>
<td>74.7%</td>
<td>1</td>
</tr>
<tr>
<td>Foot Exam</td>
<td>67.2%</td>
<td>-1.76%</td>
<td>66.9%</td>
<td>2</td>
</tr>
<tr>
<td>HbA1c**</td>
<td>83.2%</td>
<td>-2.26%</td>
<td>82.7%</td>
<td>2</td>
</tr>
<tr>
<td>Smoking Review</td>
<td>86.4%</td>
<td>-1.41%</td>
<td>77.2%</td>
<td>1</td>
</tr>
<tr>
<td>Urinary Albumin</td>
<td>55.9%</td>
<td>+0.55%</td>
<td>52.3%</td>
<td>2</td>
</tr>
</tbody>
</table>

*People registered with diabetes receiving all nine key processes of care processes
**For patients under 12 years of ages, ‘all care processes’ is defined as HbA1c only as other care process are not recommended in the NICE guidelines for this age group.
RAG (Red-Amber-Green) score key: ■ <70%  ▧ 70% - 90%  ■ >90%

The overall results for participating practices in Bath and North East Somerset PCT for patients aged 55 years and over with Type 1 diabetes are shown in Table 7.

Table 7. Percentage of patients in Bath and North East Somerset PCT aged 55 years and over with Type 1 diabetes receiving NICE recommended care processes by care process type

<table>
<thead>
<tr>
<th>Care Process recorded</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Care Processes*</td>
<td>65.3%</td>
<td>+9.12%</td>
<td>52.4%</td>
<td>1</td>
</tr>
<tr>
<td>Blood Creatinine</td>
<td>97.1%</td>
<td>+1.79%</td>
<td>93.8%</td>
<td>1</td>
</tr>
<tr>
<td>Blood Pressure</td>
<td>97.9%</td>
<td>+0.49%</td>
<td>96.5%</td>
<td>1</td>
</tr>
<tr>
<td>BMI</td>
<td>93.4%</td>
<td>-0.23%</td>
<td>89.7%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>96.7%</td>
<td>+2.23%</td>
<td>92.1%</td>
<td>1</td>
</tr>
<tr>
<td>Eye Screening</td>
<td>86.8%</td>
<td>+10.18%</td>
<td>84.8%</td>
<td>2</td>
</tr>
<tr>
<td>Foot Exam</td>
<td>83.5%</td>
<td>+0.92%</td>
<td>84.8%</td>
<td>3</td>
</tr>
<tr>
<td>HbA1c**</td>
<td>97.5%</td>
<td>+3.05%</td>
<td>94.4%</td>
<td>1</td>
</tr>
<tr>
<td>Smoking Review</td>
<td>94.2%</td>
<td>+5.28%</td>
<td>83.8%</td>
<td>1</td>
</tr>
<tr>
<td>Urinary Albumin</td>
<td>86.8%</td>
<td>+9.33%</td>
<td>75.7%</td>
<td>1</td>
</tr>
</tbody>
</table>

*People registered with diabetes receiving all nine key processes of care processes
**For patients under 12 years of ages, ‘all care processes’ is defined as HbA1c only as other care process are not recommended in the NICE guidelines for this age group.
RAG (Red-Amber-Green) score key: ■ <70%  ▧ 70% - 90%  ■ >90%
Care process results for patients with Type 2 diabetes

The overall results for participating practices in Bath and North East Somerset PCT for patients of all ages with Type 2 diabetes are shown in Table 8.

**Table 8. Percentage of patients in Bath and North East Somerset PCT of all ages with Type 2 diabetes receiving NICE recommended care processes by care process type**

<table>
<thead>
<tr>
<th>Care Process recorded</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Care Processes*</td>
<td>59.4%</td>
<td>-3.35%</td>
<td>57.7%</td>
<td>2</td>
</tr>
<tr>
<td>Blood Creatinine</td>
<td>96.1%</td>
<td>+0.38%</td>
<td>94.3%</td>
<td>1</td>
</tr>
<tr>
<td>Blood Pressure</td>
<td>96.6%</td>
<td>-0.13%</td>
<td>96.0%</td>
<td>1</td>
</tr>
<tr>
<td>BMI</td>
<td>91.7%</td>
<td>+0.07%</td>
<td>90.9%</td>
<td>2</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>94.5%</td>
<td>+0.24%</td>
<td>93.1%</td>
<td>1</td>
</tr>
<tr>
<td>Eye Screening</td>
<td>87.2%</td>
<td>+2.79%</td>
<td>83.4%</td>
<td>1</td>
</tr>
<tr>
<td>Foot Exam</td>
<td>88.2%</td>
<td>-0.43%</td>
<td>86.1%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c**</td>
<td>95.2%</td>
<td>+0.51%</td>
<td>93.8%</td>
<td>1</td>
</tr>
<tr>
<td>Smoking Review</td>
<td>88.5%</td>
<td>-1.70%</td>
<td>86.4%</td>
<td>2</td>
</tr>
<tr>
<td>Urinary Albumin</td>
<td>75.7%</td>
<td>-5.60%</td>
<td>78.7%</td>
<td>3</td>
</tr>
</tbody>
</table>

*People registered with diabetes receiving all nine key processes of care processes
**For patients under 12 years of ages, ‘all care processes’ is defined as HbA1c only as other care process are not recommended in the NICE guidelines for this age group.
RAG (Red-Amber-Green) score key: ■ <70% ■ 70% - 90% ■ >90%
The overall results for participating practices in Bath and North East Somerset PCT for patients aged under 55 years with Type 2 diabetes are shown in Table 9.

### Table 9. Percentage of patients in Bath and North East Somerset PCT aged under 55 years with Type 2 diabetes receiving NICE recommended care processes by care process type

<table>
<thead>
<tr>
<th>Care Process recorded</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Care Processes*</td>
<td>51.5% [■]</td>
<td>-1.54%</td>
<td>48.6%</td>
<td>2</td>
</tr>
<tr>
<td>Blood Creatinine</td>
<td>91.0% [■]</td>
<td>+1.25%</td>
<td>90.4%</td>
<td>2</td>
</tr>
<tr>
<td>Blood Pressure</td>
<td>92.4% [■]</td>
<td>+0.18%</td>
<td>92.8%</td>
<td>3</td>
</tr>
<tr>
<td>BMI</td>
<td>89.7% [■]</td>
<td>+0.87%</td>
<td>89.2%</td>
<td>2</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>90.1% [■]</td>
<td>+1.32%</td>
<td>89.3%</td>
<td>2</td>
</tr>
<tr>
<td>Eye Screening</td>
<td>82.7% [■]</td>
<td>+2.23%</td>
<td>77.1%</td>
<td>1</td>
</tr>
<tr>
<td>Foot Exam</td>
<td>81.1% [■]</td>
<td>+1.53%</td>
<td>80.5%</td>
<td>2</td>
</tr>
<tr>
<td>HbA1c**</td>
<td>90.7% [■]</td>
<td>+1.05%</td>
<td>90.6%</td>
<td>2</td>
</tr>
<tr>
<td>Smoking Review</td>
<td>86.8% [■]</td>
<td>-3.16%</td>
<td>85.2%</td>
<td>2</td>
</tr>
<tr>
<td>Urinary Albumin</td>
<td>66.5% [■]</td>
<td>-4.31%</td>
<td>70.2%</td>
<td>3</td>
</tr>
</tbody>
</table>

*People registered with diabetes receiving all nine key processes of care processes
**For patients under 12 years of ages, ‘all care processes’ is defined as HbA1c only as other care process are not recommended in the NICE guidelines for this age group.
RAG (Red-Amber-Green) score key: [■] <70%  [■] 70% - 90%  [■] >90%

The overall results for participating practices in Bath and North East Somerset PCT for patients aged 55 years and over with Type 2 diabetes are shown in Table 10.

### Table 10. Percentage of patients in Bath and North East Somerset PCT aged 55 years and over with Type 2 diabetes receiving NICE recommended care processes by care process type

<table>
<thead>
<tr>
<th>Care Process recorded</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Care Processes*</td>
<td>60.9% [■]</td>
<td>-3.63%</td>
<td>60.5%</td>
<td>2</td>
</tr>
<tr>
<td>Blood Creatinine</td>
<td>97.1% [■]</td>
<td>+0.25%</td>
<td>95.5%</td>
<td>1</td>
</tr>
<tr>
<td>Blood Pressure</td>
<td>97.4% [■]</td>
<td>-0.16%</td>
<td>96.9%</td>
<td>1</td>
</tr>
<tr>
<td>BMI</td>
<td>92.1% [■]</td>
<td>-0.07%</td>
<td>91.4%</td>
<td>2</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>95.3% [■]</td>
<td>+0.07%</td>
<td>94.3%</td>
<td>1</td>
</tr>
<tr>
<td>Eye Screening</td>
<td>88.0% [■]</td>
<td>+2.92%</td>
<td>85.0%</td>
<td>1</td>
</tr>
<tr>
<td>Foot Exam</td>
<td>89.5% [■]</td>
<td>-0.75%</td>
<td>87.7%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c**</td>
<td>96.0% [■]</td>
<td>+0.44%</td>
<td>94.7%</td>
<td>1</td>
</tr>
<tr>
<td>Smoking Review</td>
<td>88.8% [■]</td>
<td>-1.43%</td>
<td>86.7%</td>
<td>2</td>
</tr>
<tr>
<td>Urinary Albumin</td>
<td>77.4% [■]</td>
<td>-5.78%</td>
<td>80.8%</td>
<td>3</td>
</tr>
</tbody>
</table>

*People registered with diabetes receiving all nine key processes of care processes
**For patients under 12 years of ages, ‘all care processes’ is defined as HbA1c only as other care process are not recommended in the NICE guidelines for this age group.
RAG (Red-Amber-Green) score key: [■] <70%  [■] 70% - 90%  [■] >90%
All care processes results by age

A comparison of results for participating practices in Bath and North East Somerset PCT of patients receiving all care processes by age group and diabetes type are shown in Table 11 and Figure 7.

Table 11. Percentage of patients in Bath and North East Somerset PCT receiving all care processes by age group and diabetes type

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Type 1</th>
<th>Type 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ages</td>
<td>46.1%</td>
<td>59.4%</td>
</tr>
<tr>
<td>Aged under 55 years</td>
<td>37.9%</td>
<td>51.5%</td>
</tr>
<tr>
<td>Aged 55 years and over</td>
<td>65.3%</td>
<td>60.9%</td>
</tr>
</tbody>
</table>

RAG (Red-Amber-Green) score key: ▢ <70%  ● 70% - 90%  ❄ >90%

Figure 7. All care processes completed in Bath and North East Somerset PCT
Treatment Targets

Healthcare professionals and patients should work in partnership to ensure patients achieve their NICE recommended treatment targets for glucose control, blood pressure and blood cholesterol.

Treatment targets for patients of all diabetes types

The overall results for participating practices in Bath and North East Somerset PCT for patients of all ages and of all diabetes types are shown in Table 12. All percentage figures relate to the total number of patients with the target value recorded.

Table 12. Treatment target achievement rate for patients in Bath and North East Somerset PCT of all ages and all diabetes types by treatment target type

<table>
<thead>
<tr>
<th>Target</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c &lt; 6.5% (48 mmol/mol)</td>
<td>28.8%</td>
<td>-0.40%</td>
<td>25.0%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 7.5% (58 mmol/mol)</td>
<td>67.0%</td>
<td>+1.17%</td>
<td>63.6%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 10.0% (86 mmol/mol)</td>
<td>94.8%</td>
<td>-0.53%</td>
<td>92.2%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol &lt; 4 mmol/l</td>
<td>37.5%</td>
<td>-0.94%</td>
<td>40.9%</td>
<td>4</td>
</tr>
<tr>
<td>Cholesterol &lt; 5 mmol/l</td>
<td>77.0%</td>
<td>+1.63%</td>
<td>77.7%</td>
<td>3</td>
</tr>
<tr>
<td>Target BP*</td>
<td>35.2%</td>
<td>+1.23%</td>
<td>36.5%</td>
<td>3</td>
</tr>
<tr>
<td>BP &lt; 140/80</td>
<td>43.8%</td>
<td>-0.65%</td>
<td>44.6%</td>
<td>3</td>
</tr>
<tr>
<td>All**</td>
<td>19.9%</td>
<td>+0.26%</td>
<td>19.9%</td>
<td>2</td>
</tr>
</tbody>
</table>

*Blood pressure target of <140/80 applied to those patients without recorded eye, kidney or vascular disease (EKV-) and blood pressure target <130/80 applied to those patients with recorded eye, kidney or vascular disease.

**Where patients have achieved HbA1c ≤7.5%, cholesterol < 5mmol/l and their relevant blood pressure target.

RAG (Red-Amber-Green) score key: ■ <70% ■ 70% - 90% ■ >90%

The spread of scores across all GP Practices for achieving treatment targets is shown in Figure 8.

Figure 8. All targets achieved in Bath and North East Somerset PCT by GP Practice

Please note, some GP Practices have insufficient data to calculate percentage of patients achieving all treatment targets. These GP Practices do not appear in Figure 8.

National Diabetes Audit 2010-2011 – Bath and North East Somerset PCT
Copyright © 2012, The Health and Social Care Information Centre, National Diabetes Audit. All rights reserved.
At a national level, patients under the age of 55 years with either Type 1 or Type 2 diabetes are less likely than those who are 55 years and over to achieve their treatment targets.

Table 13 to Table 18 show the variation in achieving treatment targets by age and diabetes type for Bath and North East Somerset PCT.

Treatment targets for patients with Type 1 diabetes

The overall results for participating practices in Bath and North East Somerset PCT for patients of all ages with Type 1 diabetes are shown in Table 13. All percentage figures in Table 13, Table 14 and Table 15 relate to the total number of patients with the target value recorded.

Table 13. Treatment target achievement rate for patients in Bath and North East Somerset PCT with Type 1 diabetes of all ages by treatment target type

<table>
<thead>
<tr>
<th>Target</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c &lt; 6.5% (48 mmol/mol)</td>
<td>10.7%</td>
<td>-0.57%</td>
<td>7.0%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 7.5% (58 mmol/mol)</td>
<td>37.7%</td>
<td>+0.82%</td>
<td>28.2%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 10.0% (86 mmol/mol)</td>
<td>89.7%</td>
<td>+0.21%</td>
<td>82.3%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol &lt; 4 mmol/l</td>
<td>27.8%</td>
<td>+1.14%</td>
<td>30.6%</td>
<td>4</td>
</tr>
<tr>
<td>Cholesterol &lt; 5 mmol/l</td>
<td>73.5%</td>
<td>+0.06%</td>
<td>72.1%</td>
<td>2</td>
</tr>
<tr>
<td>Target BP*</td>
<td>48.7%</td>
<td>+0.06%</td>
<td>50.7%</td>
<td>4</td>
</tr>
<tr>
<td>BP &lt; 140/80</td>
<td>54.0%</td>
<td>+0.81%</td>
<td>56.1%</td>
<td>4</td>
</tr>
<tr>
<td>All**</td>
<td>15.1%</td>
<td>-0.43%</td>
<td>11.6%</td>
<td>1</td>
</tr>
</tbody>
</table>

*Blood pressure target of <140/80 applied to those patients without recorded eye, kidney or vascular disease (EKV-) and blood pressure target <130/80 applied to those patients with recorded eye, kidney or vascular disease.

**Where patients have achieved HbA1c ≤7.5%, cholesterol <5mmol/l and their relevant blood pressure target.

RAG (Red-Amber-Green) score key: ■ <70% ■ 70% - 90% ■ >90%

The overall results for participating practices in Bath and North East Somerset PCT for patients aged under 55 years with Type 1 diabetes are shown in Table 14.

Table 14. Treatment target achievement rate for patients in Bath and North East Somerset PCT with Type 1 diabetes aged under 55 years by treatment target type

<table>
<thead>
<tr>
<th>Target</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c &lt; 6.5% (48 mmol/mol)</td>
<td>10.7%</td>
<td>-0.24%</td>
<td>6.1%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 7.5% (58 mmol/mol)</td>
<td>35.2%</td>
<td>-1.31%</td>
<td>24.8%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 10.0% (86 mmol/mol)</td>
<td>86.9%</td>
<td>-0.10%</td>
<td>79.3%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol &lt; 4 mmol/l</td>
<td>22.7%</td>
<td>+1.13%</td>
<td>25.5%</td>
<td>4</td>
</tr>
<tr>
<td>Cholesterol &lt; 5 mmol/l</td>
<td>67.7%</td>
<td>+1.83%</td>
<td>68.1%</td>
<td>3</td>
</tr>
<tr>
<td>Target BP*</td>
<td>51.7%</td>
<td>-2.88%</td>
<td>56.0%</td>
<td>4</td>
</tr>
<tr>
<td>BP &lt; 140/80</td>
<td>53.5%</td>
<td>-2.68%</td>
<td>58.5%</td>
<td>4</td>
</tr>
<tr>
<td>All**</td>
<td>14.1%</td>
<td>-2.28%</td>
<td>11.1%</td>
<td>1</td>
</tr>
</tbody>
</table>

*Blood pressure target of <140/80 applied to those patients without recorded eye, kidney or vascular disease (EKV-) and blood pressure target <130/80 applied to those patients with recorded eye, kidney or vascular disease.

**Where patients have achieved HbA1c ≤7.5%, cholesterol <5mmol/l and their relevant blood pressure target.

RAG (Red-Amber-Green) score key: ■ <70% ■ 70% - 90% ■ >90%
The overall results for participating practices in Bath and North East Somerset PCT for patients aged 55 years and over with Type 1 diabetes are shown in Table 15.

**Table 15. Treatment target achievement rate for patients in Bath and North East Somerset PCT with Type 1 diabetes aged 55 years and over by treatment target type**

<table>
<thead>
<tr>
<th>Target</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c &lt; 6.5% (48 mmol/mol)</td>
<td>11.5% ■</td>
<td>-1.12%</td>
<td>8.3%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 7.5% (58 mmol/mol)</td>
<td>42.6% ■</td>
<td>+5.17%</td>
<td>35.8%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 10.0% (86 mmol/mol)</td>
<td>95.3% ■</td>
<td>+1.18%</td>
<td>89.7%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol &lt; 4 mmol/l</td>
<td>37.2% ■</td>
<td>+2.04%</td>
<td>41.2%</td>
<td>4</td>
</tr>
<tr>
<td>Cholesterol &lt; 5 mmol/l</td>
<td>84.2% ■</td>
<td>-1.85%</td>
<td>80.7%</td>
<td>1</td>
</tr>
<tr>
<td>Target BP*</td>
<td>42.6% ■</td>
<td>+6.37%</td>
<td>38.7%</td>
<td>1</td>
</tr>
<tr>
<td>BP &lt; 140/80</td>
<td>54.9% ■</td>
<td>+7.25%</td>
<td>50.0%</td>
<td>1</td>
</tr>
<tr>
<td>All**</td>
<td>16.9% ■</td>
<td>+2.73%</td>
<td>11.8%</td>
<td>1</td>
</tr>
</tbody>
</table>

*Blood pressure target of <140/80 applied to those patients without recorded eye, kidney or vascular disease (EKV-) and blood pressure target <130/80 applied to those patients with recorded eye, kidney or vascular disease.

**Where patients have achieved HbA1c ≤7.5%, cholesterol <5mmol/l and their relevant blood pressure target.

RAG (Red-Amber-Green) score key: ■ <70% ■ 70% - 90% ■ >90%
Treatment targets for patients with Type 2 diabetes

The overall results for participating practices in Bath and North East Somerset PCT for patients with Type 2 diabetes are shown in Table 16. All percentage figures in Table 16, Table 17 and Table 18 relate to the total number of patients with the target value recorded.

Table 16. Treatment target achievement rate for patients in Bath and North East Somerset PCT with Type 2 diabetes of all ages by treatment target type

<table>
<thead>
<tr>
<th>Target</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c &lt; 6.5% (48 mmol/mol)</td>
<td>30.9%</td>
<td>-0.64%</td>
<td>26.5%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 7.5% (58 mmol/mol)</td>
<td>70.6%</td>
<td>+0.88%</td>
<td>66.8%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 10.0% (86 mmol/mol)</td>
<td>95.4%</td>
<td>-0.67%</td>
<td>93.1%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol &lt; 4 mmol/l</td>
<td>38.7%</td>
<td>-1.32%</td>
<td>42.0%</td>
<td>4</td>
</tr>
<tr>
<td>Cholesterol &lt; 5 mmol/l</td>
<td>77.5%</td>
<td>-2.02%</td>
<td>78.2%</td>
<td>3</td>
</tr>
<tr>
<td>Target BP*</td>
<td>33.7%</td>
<td>+1.49%</td>
<td>35.2%</td>
<td>3</td>
</tr>
<tr>
<td>BP &lt; 140/80</td>
<td>42.7%</td>
<td>+0.72%</td>
<td>43.6%</td>
<td>3</td>
</tr>
<tr>
<td>All**</td>
<td>20.5%</td>
<td>+0.32%</td>
<td>20.5%</td>
<td>3</td>
</tr>
</tbody>
</table>

*Blood pressure target of <140/80 applied to those patients without recorded eye, kidney or vascular disease (EKV-) and blood pressure target <130/80 applied to those patients with recorded eye, kidney or vascular disease.
**Where patients have achieved HbA1c ≤7.5%, cholesterol < 5mmol/l and their relevant blood pressure target.
RAG (Red-Amber-Green) score key: ■ <70% ▲ 70% - 90% ○ >90%

The overall results for participating practices in Bath and North East Somerset PCT for patients aged under 55 years with Type 2 diabetes are shown in Table 17.

Table 17. Treatment target achievement rate for patients in Bath and North East Somerset PCT with Type 2 diabetes aged under 55 years by treatment target type

<table>
<thead>
<tr>
<th>Target</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c &lt; 6.5% (48 mmol/mol)</td>
<td>25.7%</td>
<td>-0.87%</td>
<td>21.3%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 7.5% (58 mmol/mol)</td>
<td>56.1%</td>
<td>-1.51%</td>
<td>53.7%</td>
<td>2</td>
</tr>
<tr>
<td>HbA1c &lt;= 10.0% (86 mmol/mol)</td>
<td>89.6%</td>
<td>-0.99%</td>
<td>86.1%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol &lt; 4 mmol/l</td>
<td>30.8%</td>
<td>-2.39%</td>
<td>32.3%</td>
<td>3</td>
</tr>
<tr>
<td>Cholesterol &lt; 5 mmol/l</td>
<td>64.5%</td>
<td>-5.59%</td>
<td>69.0%</td>
<td>4</td>
</tr>
<tr>
<td>Target BP*</td>
<td>32.3%</td>
<td>+0.87%</td>
<td>34.9%</td>
<td>4</td>
</tr>
<tr>
<td>BP &lt; 140/80</td>
<td>34.6%</td>
<td>+1.08%</td>
<td>37.4%</td>
<td>4</td>
</tr>
<tr>
<td>All**</td>
<td>13.4%</td>
<td>-3.33%</td>
<td>15.4%</td>
<td>4</td>
</tr>
</tbody>
</table>

*Blood pressure target of <140/80 applied to those patients without recorded eye, kidney or vascular disease (EKV-) and blood pressure target <130/80 applied to those patients with recorded eye, kidney or vascular disease.
**Where patients have achieved HbA1c ≤7.5%, cholesterol < 5mmol/l and their relevant blood pressure target.
RAG (Red-Amber-Green) score key: ■ <70% ▲ 70% - 90% ○ >90%
The overall results for participating practices in Bath and North East Somerset PCT for patients aged 55 years and over with Type 2 diabetes are shown in Table 18.

### Table 18. Treatment target achievement rate for patients in Bath and North East Somerset PCT with Type 2 diabetes aged 55 years and over by treatment target type

<table>
<thead>
<tr>
<th>Target</th>
<th>Percentage of registered patients in PCT (including RAG Score)</th>
<th>Percentage point change since 2009-2010</th>
<th>Median score across all PCTs</th>
<th>National quartile ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c &lt; 6.5% (48 mmol/mol)</td>
<td>31.9% [-]</td>
<td>-0.57%</td>
<td>27.8%</td>
<td>2</td>
</tr>
<tr>
<td>HbA1c &lt;= 7.5% (58 mmol/mol)</td>
<td>73.2% [-]</td>
<td>+1.39%</td>
<td>70.1%</td>
<td>1</td>
</tr>
<tr>
<td>HbA1c &lt;= 10.0% (86 mmol/mol)</td>
<td>96.4% [-]</td>
<td>-0.57%</td>
<td>95.0%</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol &lt; 4 mmol/l</td>
<td>40.1% [-]</td>
<td>-1.07%</td>
<td>44.2%</td>
<td>4</td>
</tr>
<tr>
<td>Cholesterol &lt; 5 mmol/l</td>
<td>79.8% [-]</td>
<td>-1.32%</td>
<td>80.7%</td>
<td>3</td>
</tr>
<tr>
<td>Target BP*</td>
<td>33.9% [-]</td>
<td>+1.61%</td>
<td>35.1%</td>
<td>3</td>
</tr>
<tr>
<td>BP &lt; 140/80</td>
<td>44.1% [-]</td>
<td>+0.71%</td>
<td>45.1%</td>
<td>3</td>
</tr>
<tr>
<td>All**</td>
<td>21.8% [-]</td>
<td>+0.98%</td>
<td>21.8%</td>
<td>3</td>
</tr>
</tbody>
</table>

*Blood pressure target of <140/80 applied to those patients without recorded eye, kidney or vascular disease (EKV-) and blood pressure target <130/80 applied to those patients with recorded eye, kidney or vascular disease.

**Where patients have achieved HbA1c ≤7.5%, cholesterol <5mmol/l and their relevant blood pressure target.

RAG (Red-Amber-Green) score key: ■ <70% ■ 70% - 90% ■ >90%
All treatment targets by age

A comparison of results for participating practices in Bath and North East Somerset PCT of patients achieving all targets* by age group and diabetes type are shown in Table 19 and Figure 9.

Table 19. Percentage of patients in Bath and North East Somerset PCT receiving all targets* by age group and diabetes type

<table>
<thead>
<tr>
<th>Type 1</th>
<th>All ages</th>
<th>Aged under 55 years</th>
<th>Aged 55 years and over</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1</td>
<td>15.1%</td>
<td>14.1%</td>
<td>16.9%</td>
</tr>
<tr>
<td>Type 2</td>
<td>20.5%</td>
<td>13.4%</td>
<td>21.8%</td>
</tr>
</tbody>
</table>

*Where patients have achieved HbA1c ≤7.5%, cholesterol < 5mmol/l and their relevant blood pressure target.
RAG (Red-Amber-Green) score key:  ■ <70%  ■ 70% - 90%  ■ >90%

Figure 9. All treatment targets achieved in Bath and North East Somerset PCT

Further Information

The NDA also reports on statistics about diabetic kidney disease, mortality and the complications of diabetes. These reports will be published over the next six months.

For further information, including NDA methodology and national summary reports, please visit the website for the National Diabetes Audit.

Further Information

The NDA also reports on statistics about diabetic kidney disease, mortality and the complications of diabetes. These reports will be published over the next six months.

For further information, including NDA methodology and national summary reports, please visit the website for the National Diabetes Audit.