Diabetes Improvement and Assurance Framework

West Midlands Cardiovascular Clinical Network & DCO Team

Improvement and Assurance Framework Dashboard for Diabetes

West Midlands Cardiovascular Clinical Network

Version number: 1

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Classification: OFFICIAL

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Foreward

Diabetes represents a significant challenge in terms of prevalence at a population level and it's incidence is increasing due to a rising tide of obesity. Patients with diabetes are also victim to significant health inequality. Consequently, the financial burden it imposes on health services is significant. It has therefore been justifiable in the West Midlands to give Diabetes the due attention it deserves in order to improve the diagnose, care and treatment for patients and carers. It therefore gives me great pleasure to introduce a framework which, as the end product of 3 years of collaborative working at national, regional and local levels, defines what good commissioning and provision of care for patients and populations with diabetes looks like. This is clearly an evolving and ongoing programme of work and we hope will be valuable not only in the West Midlands, but beyond too.

Dr Kiran Patel
Medical Director, NHS England (West Midlands)

Introduction

The Diabetes Improvement and Assurance Framework (DIAF) developed to complement existing information and assurance frameworks, is a tool to support West Midlands CCG's to focus of areas of improvement for their local Diabetes patient population and will assist in the development of local improvement pathways and commissioning intentions to ensure CCG's can meet the national requirements for the delivery of quality diabetes care.

West Midlands

Diabetes Assurance Framework Indicators				
West Midlands Cardiovascular Clinical Network				
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	WM Median	England Median
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	76.4	76.0

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	WM Median	England Median
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	73.3	71.6
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	73.9	70.5
	PHE 2014/15	Foot check	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction amongst people with diabetes	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure amongst people with diabetes	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina amongst people with diabetes	128.4	135.5
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**WM Median**	**England Median**
	PHE 2010/11-12/13	Additional risk of stroke amongst people with diabetes	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement amongst people with diabetes	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation amongst people with diabetes	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation amongst people with diabetes	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based		
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/protienuria/microalbuminuria	82.0	81.8

Cannock Chase CCG

		Diabetes Assurance Framework Indicators			
		Cannock Chase CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**7.6**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**12.3**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**1.0**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.4**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.5**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.5	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	58.6	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	66.5	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	77.0	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	74.0	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	86.0	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	68.5	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	80.5	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	72.7	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	77.0	73.3	71.6

Diabetes Assurance Framework Indicators					
Cannock Chase CCG					
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	56.5	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	73.5	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	69.1	73.9	70.5
	PHE 2014/15	Foot check	80.5	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	179.3	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	150.0	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	135.2	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	30.9	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	278.4	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	547.7	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	0.0	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	85.9	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Cannock Chase CCG				WM Median	England Median
			University Hospital of North Midlands	Royal Stoke	New Cross			
	NDIA	Insulin Errors	23.0%		30.9%		20.9%	22.7%
Level 7: Curbing Complications All diabetes patients registered with practice.	NDIA	Access to Diabetes Inpatient Specialist Nurse						
7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease .	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	78.0%		67.0%		50.0%	50.0%
7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDPA	First Trimester HbA1C measurement below 48mmol/mol		24.0			26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks		33.8	62.5		37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
	NDIA	Insulin Errors	23.0%		30.9%		20.9%	22.7%
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	1.9		2.2		1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.1		0.2		0.4	0.3
	NDIA	Average consultant hours per week per patient	0.3		2.0		0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Cannock Chase CCG				WM Median	England Median
			University Hospital of North Midlands	Royal Stoke	New Cross			
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.8 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

East Staffordshire CCG

<table>
<tr><td colspan="6" align="center">Diabetes Assurance Framework Indicators
<i>East Staffordshire CCG</i></td></tr>
<tr><th>DIAF Level/Descriptor</th><th>Data Source/Year</th><th>Criteria/Indicator</th><th>CCG</th><th>WM Median</th><th>England Median</th></tr>
<tr><td rowspan="3">Level 1: Community Prevention Entire local population</td><td>PHE 2015/16</td><td>Diabetes Prevalence</td><td>6.9</td><td>7.3</td><td>6.7</td></tr>
<tr><td>PHE 2014/15</td><td>GP recorded prevalence of obesity</td><td>9.3</td><td>9.3</td><td>9.1</td></tr>
<tr><td>PHE 2011</td><td>Percentage of population who identify as Asian or Asian British</td><td>6.5</td><td>6.3</td><td>4.1</td></tr>
<tr><td>Level 2: Pre-diabetes screening At risk groups identified within local population</td><td>NDPP 2016</td><td>Participation in NDPP</td><td>No</td><td>50%</td><td></td></tr>
<tr><td rowspan="2">Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics</td><td>NCIN 2016</td><td>Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016</td><td>8.5</td><td>9.4</td><td>8.5</td></tr>
<tr><td>NCIN 2017</td><td>Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017</td><td>8.5</td><td>9.5</td><td>8.5</td></tr>
<tr><td rowspan="11">Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice</td><td>QOF 2015/16</td><td>Register of all Diabetics aged 17+ specifying the type of DM</td><td>8.5</td><td>100%</td><td>100%</td></tr>
<tr><td>QOF 2015/16</td><td>HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)</td><td>57.9</td><td>63.8</td><td>60.3</td></tr>
<tr><td>QOF 2015/16</td><td>HbA1c is ≤ 8 (64mmol/mol)</td><td>67.5</td><td>71.2</td><td>68.5</td></tr>
<tr><td>QOF 2015/16</td><td>HbA1c is ≤ 9 (75mmol/mol)</td><td>78.9</td><td>81.6</td><td>79.5</td></tr>
<tr><td>QOF 2015/16</td><td>BP is ≤ 140/80 (in last 12m)</td><td>72.2</td><td>71.2</td><td>70.2</td></tr>
<tr><td>QOF 2015/16</td><td>BP is ≤ 150/90</td><td>85.7</td><td>87.2</td><td>86.4</td></tr>
<tr><td>QOF 2015/16</td><td>Cholesterol ≤ 5 in last 12m</td><td>72.0</td><td>71.9</td><td>70.0</td></tr>
<tr><td>QOF 2015/16</td><td>Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present</td><td>81.4</td><td>84.2</td><td>81.5</td></tr>
<tr><td>QOF 2015/16</td><td>Flu jab given in last flu season</td><td>75.6</td><td>76.4</td><td>76.0</td></tr>
<tr><td>QOF 2015/16</td><td>Newly diagnosed patients referred to structured education programme</td><td>64.2</td><td>73.3</td><td>71.6</td></tr>
</table>

Diabetes Assurance Framework Indicators					
East Staffordshire CCG					
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	57.9	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	74.1	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	73.3	73.9	70.5
	PHE 2014/15	Foot check	83.1	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	64.6	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	90.4	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	80.9	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	37.2	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	133.2	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	251.6	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	418.4	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	81.4	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within East Staffordshire CCG				WM Median	England Median
			Queens Hospital Burton	University Hospital of North Midlands				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	34.0%	23.0%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	27.0%	78.0%			50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	25-50				26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	72.7				37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	34.0%	23.0%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	2.1	1.9			1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.4	0.1			0.4	0.3
	NDIA	Average consultant hours per week per patient	1.6	0.3			0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within East Staffordshire CCG				WM Median	England Median
			Queens Hospital Burton	University Hospital of North Midlands				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.1 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

North Staffordshire CCG

		Diabetes Assurance Framework Indicators			
		North Staffordshire CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**7.4**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**10.9**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**1.9**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.5**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.5**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.5	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	64.9	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	71.4	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	81.6	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	71.3	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	86.2	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	72.1	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	79.7	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	76.0	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	58.9	73.3	71.6

Diabetes Assurance Framework Indicators						
North Staffordshire CCG						
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	61.4	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	71.0	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	71.1	73.9	70.5
	PHE 2014/15	Foot check	77.4	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	96.4	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	162.4	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	138.7	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	99.9	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	267.4	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	778.8	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	252.4	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	84.3	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within North Staffordshire CCG				WM Median	England Median
			University Hospital of North Midlands	Royal Stoke University Hospital				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	23.0%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	78.0%				50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol		24.0			26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks		33.8			37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	23.0%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	1.9				1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.1				0.4	0.3
	NDIA	Average consultant hours per week per patient	0.3				0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within North Staffordshire CCG				WM Median	England Median
			University Hospital of North Midlands	Royal Stoke University Hospital				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.3 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Shropshire CCG

Diabetes Assurance Framework Indicators					
Shropshire CCG					
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**6.5**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**8.7**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**1.0**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**9.3**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**9.4**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	9.4	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	57.6	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	67.3	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	80.3	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	69.6	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	86.3	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	73.7	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	74.1	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	77.8	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	82.3	73.3	71.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Diabetes Assurance Framework Indicators *Shropshire CCG*					
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	63.1	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	70.1	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	74.7	73.9	70.5
	PHE 2014/15	Foot check	77.0	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	91.4	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	143.3	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	110.4	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	67.7	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	188.4	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	550.8	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	143.5	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	80.2	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Shropshire CCG				WM Median	England Median
			Royal Shrewsbury Hospital	Princess Royal Hospital				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	61.1%	11.8%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	50.0%	0.0%			50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol		<25			26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks		25-50			37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	61.1%	11.8%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	3.1	1.5			1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.0	0.0			0.4	0.3
	NDIA	Average consultant hours per week per patient	1.5	1.0			0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Shropshire CCG				WM Median	England Median
			Royal Shrewsbury Hospital	Princess Royal Hospital				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.4 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

South East Staffordshire & Seisdon Peninsula CCG

		Diabetes Assurance Framework Indicators			
		South East Staffordshire & Seisdon Peninsula CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**6.8**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**10.2**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**1.7**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.3**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.4**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.4	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	62.0	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	70.3	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	80.7	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	68.8	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	85.4	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	69.1	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	81.3	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	74.3	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	72.1	73.3	71.6

		Diabetes Assurance Framework Indicators			
		South East Staffordshire & Seisdon Peninsula CCG			
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	59.4	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	66.3	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	68.7	73.9	70.5
	PHE 2014/15	Foot check	78.8	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	104.4	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	151.0	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	142.5	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	85.1	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	309.4	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	592.8	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	432.3	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	83.6	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within South East Staffordshire & Seisdon Peninsula CCG				WM Median	England Median
			University Hospital of North Midlands	New Cross Hospital				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	23.0%	30.9%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	78.0%	67.0%			50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol					26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks		62.5			37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	23.0%	30.9%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	1.9	2.2			1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.1	0.2			0.4	0.3
	NDIA	Average consultant hours per week per patient	0.3	2.0			0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within South East Staffordshire & Seisdon Peninsula CCG				WM Median	England Median
			University Hospital of North Midlands	New Cross Hospital				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 6.8 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Stafford & Surrounds CCG

		Diabetes Assurance Framework Indicators			
		Stafford & Surrounds CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**6.5**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**8.3**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**2.3**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.4**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.5**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.5	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	61.0	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	68.7	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	79.5	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	63.1	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	82.7	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	71.4	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	76.6	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	73.6	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	56.5	73.3	71.6

Diabetes Assurance Framework Indicators					
Stafford & Surrounds CCG					
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	57.8	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	64.4	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	69.9	73.9	70.5
	PHE 2014/15	Foot check	79.8	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	147.5	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	173.4	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	129.4	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	91.7	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	327.5	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	690.6	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	485.1	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	86.0	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Stafford & Surrounds CCG				WM Median	England Median
			University Hospital of North Midlands	New Cross Hospital				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	23.0%	30.9%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	78.0%	67.0%			50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol					26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks		62.5			37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	23.0%	30.9%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	1.9	2.2			1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.1	0.2			0.4	0.3
	NDIA	Average consultant hours per week per patient	0.3	2.0			0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Stafford & Surrounds CCG				WM Median	England Median
			University Hospital of North Midlands	New Cross Hospital				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.2 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Stoke-on-Trent CCG

Diabetes Assurance Framework Indicators					
Stoke-on-Trent CCG					
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**7.8**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**13.3**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**7.2**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.8**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.9**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.9	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	64.0	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	70.8	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	80.3	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	73.0	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	87.9	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	75.1	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	78.8	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	73.8	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	68.1	73.3	71.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Diabetes Assurance Framework Indicators *Stoke-on-Trent CCG*					
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	61.1	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	73.4	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	74.1	73.9	70.5
	PHE 2014/15	Foot check	78.7	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	74.3	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	148.5	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	126.7	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	66.3	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	336.5	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	683.3	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	474.9	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	84.4	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Stroke-on-Trent CCG				WM Median	England Median
			University Hospital of North Midlands	Royal Stoke University Hospital				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	23.0%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	78.0%				50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol		24.0			26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks		33.8			37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	23.0%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	1.9				1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.1				0.4	0.3
	NDIA	Average consultant hours per week per patient	0.3				0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Stroke-on-Trent CCG				WM Median	England Median
			University Hospital of North Midlands	Royal Stoke University Hospital				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 6.9 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

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Telford & Wrekin CCG

Diabetes Assurance Framework Indicators					
Telford & Wrekin CCG					
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**6.9**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**10.3**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**4.2**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.3**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.4**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.4	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	52.9	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	61.0	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	73.7	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	67.7	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	84.0	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	69.5	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	68.8	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	75.4	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	81.8	73.3	71.6

		Diabetes Assurance Framework Indicators			
		Telford & Wrekin CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	59.6	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	69.6	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	72.1	73.9	70.5
	PHE 2014/15	Foot check	75.1	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	90.5	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	173.2	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	144.1	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	99.0	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	349.7	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	641.0	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	252.0	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	77.4	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Telford & Wrekin CCG				WM Median	England Median
			Royal Shrewsbury Hospital	Princess Royal Hospital				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	61.1%	11.8%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	50.0%	0.0%			50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol		<25			26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks		25-50			37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	61.1%	11.8%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	3.1	1.5			1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.0	0.0			0.4	0.3
	NDIA	Average consultant hours per week per patient	1.5	1.0			0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Telford & Wrekin CCG				WM Median	England Median
			Royal Shrewsbury Hospital	Princess Royal Hospital				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 6.1 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Birmingham Cross City CCG

		Diabetes Assurance Framework Indicators			
		Birmingham Cross City CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**8.1**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**9.3**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**21.9**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50.0%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**9.9**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**10.0**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	10.0	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	63.9	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	70.8	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	80.0	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	68.6	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	85.9	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	70.5	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	83.2	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	73.6	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	71.4	73.3	71.6

| | | Diabetes Assurance Framework Indicators | | | |
| | | Birmingham Cross City CCG | | | |

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	63.1	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	68.4	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	72.2	73.9	70.5
	PHE 2014/15	Foot check	83.0	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	103.8	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	138.4	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	124.2	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	94.1	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	256.1	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	599.8	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	463.7	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	81.8	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Birmingham Cross City CCG				WM Median	England Median
			Queen Elizabeth Hospital Birmingham (UHB)	HEFT Bham Site (inc. Heartlands & Solihull Hospitals)	Good Hope	Birmingham Women's Hospital		
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	17.2%	24.3%	20.9%		20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	47.0%	60.0%	0.0%		50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol			<25	39.5	26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks			25-50	49.7	37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	17.2%	24.3%	20.9%		20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	1.8	1.3	1.2		1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.4	0.3	0.2		0.4	0.3
	NDIA	Average consultant hours per week per patient	0.4	2.0	0.7		0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Birmingham Cross City CCG				WM Median	England Median
			Queen Elizabeth Hospital Birmingham (UHB)	HEFT Bham Site (inc. Heartlands & Solihull Hospitals)	Good Hope	Birmingham Women's Hospital		
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 6.2 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Birmingham South Central CCG

		Diabetes Assurance Framework Indicators			
		Birmingham South Central CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**8.4**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**8.7**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**27.4**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**10.0**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**10.1**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	10.1	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	60.9	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	68.5	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	78.5	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	70.7	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	87.2	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	70.6	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	86.7	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	76.4	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	78.8	73.3	71.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Diabetes Assurance Framework Indicators *Birmingham South Central CCG*					
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	59.9	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	72.2	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	72.4	73.9	70.5
	PHE 2014/15	Foot check	85.4	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	97.0	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	143.8	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	119.1	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	91.4	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	216.8	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	429.5	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	226.6	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	81.9		

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Birmingham South and Central CCG				WM Median	England Median
			Birmingham Women's Hospital	HEFT Bham Site (inc. Heartlands & Solihull Hospitals)	Good Hope	Queen Elizabeth Hospital Birmingham (UHB)		
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors		24.3%	20.9%	17.2%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours		60.0%	0.0%	47.0%	50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	39.5		<25		26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	49.7		25-50		37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors		24.3%	20.9%	17.2%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week		1.3	1.2	1.8	1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient		0.3	0.2	0.4	0.4	0.3
	NDIA	Average consultant hours per week per patient		2.0	0.7	0.4	0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Birmingham South and Central CCG				WM Median	England Median
			Birmingham Women's Hospital	HEFT Bham Site (inc. Heartlands & Solihull Hospitals)	Good Hope	Queen Elizabeth Hospital Birmingham (UHB)		
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 6.9 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Coventry & Rugby CCG

		Diabetes Assurance Framework Indicators			
		Coventry & Rugby CCG			
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**6.6**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**8.9**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**13.6**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.6**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.6**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.6	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	61.7	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	69.1	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	79.4	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	70.7	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	87.3	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	71.9	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	83.7	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	76.4	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	76.9	73.3	71.6

		Diabetes Assurance Framework Indicators *Coventry & Rugby CCG*			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	60.3	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	71.5	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	74.0	73.9	70.5
	PHE 2014/15	Foot check	84.7	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	93.1	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	126.8	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	138.4	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	87.8	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	322.1	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	572.7	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	389.7	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	81.2	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Coventry and Rugby CCG				WM Median	England Median
			University Hospital Coventry	Hospital of St. Cross	Warwick Hospital	George Elliot Hospital		
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	30.9%	0.0%	32.5%	10.7%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	42.0%	100.0%	67.0%	0.0%	50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	16.0		25-50		26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	15.9		70.0		37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	30.9%	0.0%	32.5%	10.7%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	0.7	3.5	1.2	1.4	1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.1	3.5	0.3	0.4	0.4	0.3
	NDIA	Average consultant hours per week per patient	0.2	0.4	0.7	0.4	0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Coventry and Rugby CCG				WM Median	England Median
			University Hospital Coventry	Hospital of St. Cross	Warwick Hospital	George Elliot Hospital		
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.6 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Dudley CCG

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Diabetes Assurance Framework Indicators *Dudley CCG*					
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**7.3**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**11.3**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**6.1**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**9.3**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**9.4**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	9.4	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	64.6	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	72.4	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	81.5	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	65.8	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	84.6	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	71.9	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	83.0	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	74.6	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	76.1	73.3	71.6

		Diabetes Assurance Framework Indicators			
		Dudley CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	62.1	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	69.9	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	75.6	73.9	70.5
	PHE 2014/15	Foot check	84.8	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	126.0	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	125.7	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	127.7	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	64.1	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	268.7	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	559.9	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	379.5	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	81.2	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Dudley CCG				WM Median	England Median
			Russells Hall Hospital					
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	12.6%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	94.0%				50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	<25				26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	36.4				37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	12.6%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	2.3				1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.5				0.4	0.3
	NDIA	Average consultant hours per week per patient	1.4				0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Dudley CCG				WM Median	England Median
			Russells Hall Hospital					
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 5.7 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Herefordshire CCG

Diabetes Assurance Framework Indicators					
Herefordshire CCG					
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**6.6**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**9.3**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**0.8**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**9.5**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**9.6**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	9.6	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	61.5	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	70.1	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	81.8	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	71.3	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	87.3	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	68.1	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	86.3	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	77.3	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	82.5	73.3	71.6

Diabetes Assurance Framework Indicators					
Herefordshire CCG					
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	61.8	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	70.5	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	68.5	73.9	70.5
	PHE 2014/15	Foot check	85.4	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	97.8	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	160.1	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	135.9	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	89.7	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	318.3	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	546.1	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	552.3	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	82.5	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Herefordshire CCG				WM Median	England Median
			Hereford County Hospital (Wyre Valley Trust)					
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	25.0%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	50.0%				50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	<25				26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	29.6%				37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	25.0%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	2.2				1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.7				0.4	0.3
	NDIA	Average consultant hours per week per patient	0.5				0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Herefordshire CCG				WM Median	England Median
			Hereford County Hospital (Wyre Valley Trust)					
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 8.1 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Redditch & Bromsgrove CCG

Diabetes Assurance Framework Indicators					
Redditch & Bromsgrove CCG					
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**6.9**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**9.1**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**3.3**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.3**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.4**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.4	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	67.1	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	74.5	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	84.4	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	74.9	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	89.5	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	74.3	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	86.7	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	77.6	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	75.0	73.3	71.6

Diabetes Assurance Framework Indicators					
Redditch & Bromsgrove CCG					
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	63.8	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	72.3	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	74.2	73.9	70.5
	PHE 2014/15	Foot check	84.9	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	122.0	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	169.5	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	128.8	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	47.8	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	228.4	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	701.5	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	0.0	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	88.2	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Redditch and Bromsgrove CCG				WM Median	England Median
			Worcestershire Royal Hospital	Alexandra Hospital				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	46.8%	14.6%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	88.0%	100.0%			50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	<25	25-50			26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	<25	60.9			37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	46.8%	14.6%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	1.4	1.2			1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	1.2	1.6			0.4	0.3
	NDIA	Average consultant hours per week per patient	0.7	1.0			0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Redditch and Bromsgrove CCG				WM Median	England Median
			Worcestershire Royal Hospital	Alexandra Hospital				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.2 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Sandwell & West Birmingham CCG

		Diabetes Assurance Framework Indicators			
		Sandwell & West Birmingham CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**9.2**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**9.7**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**28.5**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**11.3**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**11.3**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	11.3	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	61.5	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	68.5	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	78.4	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	71.2	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	86.0	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	70.7	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	83.5	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	73.9	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	65.8	73.3	71.6

| | | Diabetes Assurance Framework Indicators | | | |
| | | *Sandwell & West Birmingham CCG* | | | |
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	60.4	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	71.0	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	68.8	73.9	70.5
	PHE 2014/15	Foot check	82.0	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	123.8	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	143.9	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	136.5	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	103.6	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	300.8	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	776.2	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	418.9	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	83.1	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Sandwell and West Birmingham CCG				WM Median	England Median
			Sandwell General Hospital	City Hospital Birmingham				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	16.8%	26.3%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	50.0%	0.0%			50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol					26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks		20.9			37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	16.8%	26.3%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	2.2	1.6			1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.8	0.5			0.4	0.3
	NDIA	Average consultant hours per week per patient	0.6	1.5			0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Sandwell and West Birmingham CCG				WM Median	England Median
			Sandwell General Hospital	City Hospital Birmingham				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 5.8 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Solihull CCG

		Diabetes Assurance Framework Indicators			
		Solihull CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**7.1**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**8.1**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**6.6**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.6**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.7**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.7	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	67.3	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	74.8	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	84.4	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	67.5	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	86.5	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	73.0	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	83.6	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	76.4	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	70.3	73.3	71.6

Diabetes Assurance Framework Indicators
Solihull CCG

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	65.5	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	67.7	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	73.9	73.9	70.5
	PHE 2014/15	Foot check	83.7	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	88.4	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	115.7	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	128.0	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	71.6	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	269.0	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	550.0	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	258.5	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	81.1	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Solihull CCG				WM Median	England Median
			Birmingham Women's Hospital	HEFT Bham Site (inc. Heartlands & Solihull Hospitals)	Good Hope	Queen Elizabeth Hospital Birmingham (UHB)		
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors		24.3%	20.9%	17.2%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours		60.0%	0.0%	47.0%	50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	39.5		<25		26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	49.7		25-50		37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors		24.3%	20.9%	17.2%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week		1.3	1.2	1.8	1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient		0.3	0.2	0.4	0.4	0.3

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Solihull CCG				WM Median	England Median
			Birmingham Women's Hospital	HEFT Bham Site (inc. Heartlands & Solihull Hospitals)	Good Hope	Queen Elizabeth Hospital Birmingham (UHB)		
	NDIA	Average consultant hours per week per patient		2.0	0.7	0.4	0.7	0.6
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 6.5 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

South Warwickshire CCG

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
		Diabetes Assurance Framework Indicators *South Warwickshire CCG*			
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**5.6**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**7.9**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**4.4**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.3**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.3**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.3	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	65.2	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	73.2	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	84.3	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	73.5	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	88.7	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	73.0	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	88.4	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	80.8	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	69.8	73.3	71.6

Diabetes Assurance Framework Indicators					
South Warwickshire CCG					
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	65.5	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	74.9	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	73.9	73.9	70.5
	PHE 2014/15	Foot check	87.3	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	94.2	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	137.9	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	124.4	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	96.4	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	339.3	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	1038.4	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	851.3	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	81.8	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within South Warwickshire CCG				WM Median	England Median
			University Hospital Coventry	Hospital of St. Cross	Warwick Hospital	George Elliot Hospital		
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	30.9%	0.0%	32.5%	10.7%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	42.0%	100.0%	67.0%	0.0%	50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	16.0		25-50		26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	15.9		70.0		37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	30.9%	0.0%	32.5%	10.7%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	0.7	3.5	1.2	1.4	1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.1	3.5	0.3	0.4	0.4	0.3
	NDIA	Average consultant hours per week per patient	0.2	0.4	0.7	0.4	0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within South Warwickshire CCG				WM Median	England Median
			University Hospital Coventry	Hospital of St. Cross	Warwick Hospital	George Elliot Hospital		
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 9.6 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

South Worcestershire CCG

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
		Diabetes Assurance Framework Indicators *South Worcestershire CCG*			
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**6.9**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**8.6**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**2.2**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.7**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.8**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.8	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	67.7	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	75.2	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	85.3	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	76.4	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	89.6	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	73.4	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	85.8	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	76.9	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	71.6	73.3	71.6

Diabetes Assurance Framework Indicators					
South Worcestershire CCG					
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	66.4	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	74.0	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	74.0	73.9	70.5
	PHE 2014/15	Foot check	84.0	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	97.2	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	146.0	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	140.9	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	66.9	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	224.7	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	829.5	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	316.7	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	83.3	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within South Worcestershire CCG				WM Median	England Median
			Worcestershire Royal Hospital	Alexandra Hospital				
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	46.8%	14.6%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	88.0%	100.0%			50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	<25	25-50			26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	<25	60.9			37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	46.8%	14.6%			20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	1.4	1.2			1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	1.2	1.6			0.4	0.3
	NDIA	Average consultant hours per week per patient	0.7	1.0			0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within South Worcestershire CCG				WM Median	England Median
			Worcestershire Royal Hospital	Alexandra Hospital				
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.8 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Walsall CCG

		Diabetes Assurance Framework Indicators			
		Walsall CCG			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**8.8**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**13.3**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**15.2**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**10.1**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**10.1**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	10.1	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	63.6	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	71.6	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	82.8	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	74.9	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	88.5	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	72.7	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	84.8	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	74.2	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	77.5	73.3	71.6

| | | Diabetes Assurance Framework Indicators | | | |
| | | *Walsall CCG* | | | |
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	63.2	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	75.9	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	74.0	73.9	70.5
	PHE 2014/15	Foot check	84.9	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	147.7	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	159.4	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	157.1	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	85.6	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	290.7	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	666.8	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	372.9	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	84.7	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Walsall CCG				WM Median	England Median
			Walsall Manor Hospital					
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	18.8%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	0.0%				50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	26.8				26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	37.1				37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	18.8%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	0.6				1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.2				0.4	0.3
	NDIA	Average consultant hours per week per patient	0.4				0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Walsall CCG				WM Median	England Median
			Walsall Manor Hospital					
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 6.5 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Warwickshire North CCG

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Diabetes Assurance Framework Indicators _Warwickshire North CCG_					
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**7.3**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**9.6**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**4.5**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**No**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**8.8**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**8.9**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	8.9	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	63.0	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	70.4	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	80.4	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	72.2	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	87.8	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	73.6	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	83.5	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	76.2	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	68.8	73.3	71.6

		Diabetes Assurance Framework Indicators *Warwickshire North CCG*			
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	62.9	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	72.5	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	74.9	73.9	70.5
	PHE 2014/15	Foot check	83.5	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	105.9	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	125.3	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	108.2	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	62.2	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	216.4	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	350.3	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	445.4	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	83.4	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Warwickshire North CCG				WM Median	England Median
			University Hospital Coventry	Hospital of St. Cross	Warwick Hospital	George Elliot Hospital		
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	30.9%	0.0%	32.5%	10.7%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	42.0%	100.0%	67.0%	0.0%	50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	16.0		25-50		26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	15.9		70.0		37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	30.9%	0.0%	32.5%	10.7%	20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	0.7	3.5	1.2	1.4	1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.1	3.5	0.3	0.4	0.4	0.3
	NDIA	Average consultant hours per week per patient	0.2	0.4	0.7	0.4	0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Warwickshire North CCG				WM Median	England Median
			University Hospital Coventry	Hospital of St. Cross	Warwick Hospital	George Elliot Hospital		
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.0 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Wolverhampton CCG

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Diabetes Assurance Framework Indicators *Wolverhampton CCG*					
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**8.2**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**10.4**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**18.0**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**11.0**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**11.0**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	11.0	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	57.7	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	66.3	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	77.1	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	71.3	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	85.6	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	68.3	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	82.3	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	74.1	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	65.3	73.3	71.6

Diabetes Assurance Framework Indicators					
Wolverhampton CCG					
DIAF Level/Descriptor	**Data Source/Year**	**Criteria/Indicator**	**CCG**	**WM Median**	**England Median**
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	57.4	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	70.4	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	69.2	73.9	70.5
	PHE 2014/15	Foot check	82.6	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	115.7	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	142.7	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	137.9	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	76.0	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	259.9	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	703.8	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	456.7	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	77.5	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Wolverhampton CCG				WM Median	England Median
			New Cross Hospital					
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	30.9%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	67.0%				50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol					26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	62.5				37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	30.9%				20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	2.2				1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	0.2				0.4	0.3
	NDIA	Average consultant hours per week per patient	2.0				0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Wolverhampton CCG				WM Median	England Median
			New Cross Hospital					
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.7 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								

Wyre Forest CCG

Diabetes Assurance Framework Indicators					
Wyre Forest CCG					
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 1: Community Prevention Entire local population	PHE 2015/16	Diabetes Prevalence	**7.7**	7.3	6.7
	PHE 2014/15	GP recorded prevalence of obesity	**10.0**	9.3	9.1
	PHE 2011	Percentage of population who identify as Asian or Asian British	**1.4**	6.3	4.1
Level 2: Pre-diabetes screening At risk groups identified within local population	NDPP 2016	Participation in NDPP	**Yes**	50%	
Level 3: Early Diagnosis Pre-diabetes/known impaired glucose tolerance/newly diagnosed diabetics	NCIN 2016	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2016	**9.5**	9.4	8.5
	NCIN 2017	Diabetes Prevalence Estimate (Diagnosed & Undiagnosed) - 2017	**9.7**	9.5	8.5
Level 4: Forging Foundations Newly diagnosed diabetes or known diabetes new to a practice	QOF 2015/16	Register of all Diabetics aged 17+ specifying the type of DM	9.7	100%	100%
	QOF 2015/16	HbA1c is ≤ 7.5 (59mmol/mol) (in last 12m)	67.8	63.8	60.3
	QOF 2015/16	HbA1c is ≤ 8 (64mmol/mol)	75.8	71.2	68.5
	QOF 2015/16	HbA1c is ≤ 9 (75mmol/mol)	85.2	81.6	79.5
	QOF 2015/16	BP is ≤ 140/80 (in last 12m)	69.8	71.2	70.2
	QOF 2015/16	BP is ≤ 150/90	86.3	87.2	86.4
	QOF 2015/16	Cholesterol ≤ 5 in last 12m	72.0	71.9	70.0
	QOF 2015/16	Foot exam (pulses and neuropathy testing) in last 12m and foot classified as low, increased, high risk or ulcer present	86.1	84.2	81.5
	QOF 2015/16	Flu jab given in last flu season	79.9	76.4	76.0
	QOF 2015/16	Newly diagnosed patients referred to structured education programme	77.0	73.3	71.6

Diabetes Assurance Framework Indicators					
Wyre Forest CCG					
DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	CCG	WM Median	England Median
Level 5: Rolling Review All diabetes patients registered with a practice 5a. Well controlled patients with few or no risk factors 5b. Complicated or high risk patients with medical, psychological and/or social issues affecting engagement with services	PHE 2014/15	Good blood sugar control in people with diabetes	65.6	63.0	60.6
	PHE 2014/15	Good blood pressure control in people with diabetes	71.2	71.4	71.1
	PHE 2014/15	Good cholesterol control in people with diabetes	73.9	73.9	70.5
	PHE 2014/15	Foot check	85.7	84.8	81.7
	PHE 2010/11-12/13	Additional risk of myocardial infarction among people with diabetes	66.7	100.8	105.2
	PHE 2010/11-12/13	Additional risk of heart failure among people with diabetes	94.2	140.6	150.0
	PHE 2010/11-12/13	Additional risk of angina among people with diabetes	104.8	128.4	135.5
	PHE 2010/11-12/13	Additional risk of stroke among people with diabetes	55.5	80.8	79.7
	PHE 2010/11-12/13	Additional risk of renal replacement among people with diabetes	263.0	265.9	291.9
	PHE 2010/11-12/13	Additional risk of minor amputation among people with diabetes	673.4	633.3	739.7
	PHE 2010/11-12/13	Additional risk of major amputation among people with diabetes	585.0	404.3	420.3
Level 6: Early Escalation Diabetes patients with uncontrolled co-morbidities, poor diabetic control and or ongoing high risk behaviour		Access to 'foot at risk' team - community based			
	QOF 2015/16	On ACE inhibitor/ARB if nephropathy/proteinuria/microalbuminuria	82.0	82.0	81.8

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Wyre Forest CCG				WM Median	England Median
			Worcestershire Royal Hospital	Hereford County Hospital	Alexandra Hospital			
Level 7: Curbing Complications All diabetes patients registered with practice. 7a. Patients with known foreseeable complications to be planned for e.g. Pregnancy, concurrent illness/disease . 7b. Patients with complications arising in an unpredictable manner as a result of their disease.	NDIA	Insulin Errors	46.8%	25.0%	14.6%		20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Patients admitted with active foot disease seen by MDFT within 24 hours	88.0%	50.0%	100.0%		50.0%	50.0%
	NDPA	First Trimester HbA1C measurement below 48mmol/mol	<25	<25	25-50		26.8	25.9
	NDPA	Gestation at first contact with specialist antenatal diabetes team ≤ 8 weeks	<25	29.6	60.9		37.1	46.3
Level 8: avoidable Admissions Diabetes patients in insulin and other complex regimes. Patients with known foot ulcers. Patients at risk of self-neglect.	HES							
Level 9: Unavoidable Admissions Patients with advanced disease and/or multiple risk factors/co-morbidities.e.g. Heart Disease, retinopathy, nephropathy	NDIA	Insulin Errors	46.8%	25.0%	14.6%		20.9%	22.7%
	NDIA	Access to Diabetes Inpatient Specialist Nurse						
	NDIA	Average specialised nursing hours per patient per week	1.4	2.2	1.2		1.4	1.5
	NDIA	Average dietician/podiatrist/pharmacist hours per week per patient	1.2	0.7	1.6		0.4	0.3
	NDIA	Average consultant hours per week per patient	0.7	0.5	1.0		0.7	0.6

DIAF Level/Descriptor	Data Source/Year	Criteria/Indicator	Providers within Wyre Forest CCG				WM Median	England Median
			Worcestershire Royal Hospital	Hereford County Hospital	Alexandra Hospital			
	HES Admissions 2015/16	DM & LoS	At present this is only available at CCG level - for 'All Diabetes' 'All Ages' mean LoS for this CCG: 7.8 (<WM median) - please note that this is very crude and not standardised				7.25	
Level 10: Rationalised Long Term Care Patients with cancer / terminal illness, severe physical / mental disability, the frail elderly								