

Health and Wellbeing Board

17 November 2016



County Durham Health Profile/Child Health Profile 2016

Report of Gill O'Neill, Interim Director of Public Health, Adult and Health Services, Durham County Council

Purpose of the Report

- 1 To summarise the County Durham Health Profiles 2016 and compare indicators against the previous time period. It should be noted that many indicators have been calculated using an updated methodology, and many of the rates reported in the 2015 Health Profile have been amended. The indicators used in the profile do not necessarily represent the most recently available performance data, as it is not performance management tool. It presents a snapshot in time, and all indicator time periods are dated. This report does not look at specific actions (current or planned) to address any of the issues highlighted within the profiles. These details are included in the relevant routine service updates.

Background

- 2 Health Profiles provide a snapshot of health and wellbeing in County Durham. Originally produced annually using key indicators, these profiles enable comparison locally, regionally and nationally. The aim of the Health Profiles has been to improve the availability and accessibility of health and wellbeing related information, whilst helping local government and health services make plans to improve local people's health and reduce health inequalities. The profiles have now evolved from an annual pdf snapshot report to also include an online, interactive Health Profiles tool ([PHE Fingertips](#)) which allows data to be updated regularly (the online tool is updated quarterly with the latest information available).
- 3 The health and wellbeing outcomes of an area are greatly shaped by a wide variety of social, economic and environmental factors (such as poverty, housing, ethnicity, place of residence, education and environment). It is clear that improvements in health outcomes cannot be made without action in these wider determinants. Health inequalities are disparities between population groups that are systematically associated with these socio-economic and environmental factors. Such variations in health are avoidable and unjust.
- 4 There is a clear social gradient to many health outcomes. The more deprived an area is, the poorer health outcomes that would be expected. Overall the health and wellbeing of people living in County Durham is generally worse than the England average, as are the levels of deprivation.

County Durham Health Profile 2016

- 5 Of the 31 indicators included in the 2016 profile:
- 4 are significantly better than the England average.
 - 6 are not significantly different to the England average.
 - 17 are significantly worse than the England average.
 - Significance was not tested for deprivation score, cancer diagnosed at early stage, suicide rate and deaths from drug misuse.
- 6 Appendix 2 summarises the 2016 County Durham Health Profile, benchmarks against the England average using a dark blue/amber/light blue scheme to show whether the local measure is significantly different to the England average. Progress over time (against the previous Profile or time periods in this instance) is shown through a white or black box.

County Durham Child Health Profile 2016

- 7 Of the 32 indicators included in the 2016 profile:
- 5 were significantly better than England
 - 17 were significantly worse than England
 - 8 showed no significant difference to England
 - 1 had no data supplied
- 8 Appendix 3 summarises the 2016 County Durham Child Health Profile and benchmarks against the England average using a dark blue/cream/light blue scheme to show whether the local measure is significantly different to the England average.

Strategies to address the issues identified in the Health Profiles

- 9 A summary of the strategies which are in place to address the issues identified in both the Health Profile and the Child Health Profile 2016 can be found at Appendices 4 and 5 respectively.
- 10 The appendices also indicate the lead thematic partnership in terms of governance arrangements and where the issues are included in partnership plans (Joint Health and Wellbeing Strategy, Children, Young People and Families Plan and Safe Durham Partnership Plan) in addition to noting how County Durham compares to the England average.
- 11 It should be noted that strategies are in place or in development to cover all the issues identified in both the Health Profile and the Child Health Profile.

Recommendations

12 The Health and Wellbeing Board is requested to:

- Note the content of this report
- Note that the priorities in the Joint Health and Wellbeing Strategy are being addressed and that strategies are in place to address the issues identified in the County Durham Health Profiles (Appendices 4 and 5).

**Contact: Michael Fleming, Public Health Epidemiologist, Durham
County Council**

Tel: 03000 267664

Appendix 1: Implications

Finance: None

Staffing: None

Risk: None

Equality and Diversity / Public Sector Equality Duty:

Public health aims to reduce inequalities and improve health outcomes by reviewing PH outcomes data and developing relevant policies, strategies and intentions as appropriate.

Accommodation: None

Crime and Disorder: None

Human Rights: None

Consultation: None

Procurement: None

Disability Issues: None

Legal Implications: None

Appendix 2: County Durham Health Profile 2016 summary

No.	Indicator	Rate or %	2016 Health Profile				Previous period			
			2016 HP		Sig* worse than England?	Period & Source			Sig* worse than England?	Period & Source
			Measure	No.			Measure	No.		
1	Deprivation score (IMD 2015)**	%	25.7		Not Compared	2015	No comparison available, new indicator			
2	Children in low income families (under 16s)	%	22.5	19,815	Yes	2013	22.7	20075	Yes	2012
3	Statutory homelessness*	CR/1000	0.3	65	No	2014/15	0.48	109	n/a	2013/14
4	GCSE achieved (5A*-C inc maths and english)	%	55.6	2950	Yes	2014/15	Indicator changed			
5	Violent crime (violent offences)	CR/1000	10.3	5334	No	2014/15	8.2	4204	No	2013/14
6	Long term unemployment	CR/1000	6.0	1972	Yes	2015	10.1	3327	Yes	2014
7	Smoking status at time of delivery	%	19.0	975	Yes	2014/15	19.9	1049	Yes	2013/14
8	Breast feeding initiation	%	57.6	2943	Yes	2014/15	57.4	3006	No	2013/14
9	Obese children (year 6)	%	21.4	1104	Yes	2014/15	21.3	1038	Yes	2013/14
10	Alcohol-specific stays (under 18)	CR/1000	65.5	197	Yes	2012/13-2014/15	69.9	70	Yes	2011/12-2013/14
11	Under 18 conceptions	CR/1000	28.5	243	Yes	2014	33.8	293	Yes	2013
12	Smoking prevalence in adults*	%	19.0	n/a	No	2015	20.32	n/a	Yes	2013
13	Physically active adults*	% 16+	57.3	n/a	No	2015	55.5	n/a	n/a	2014
14	Excess weight in adults*	%	69.0	n/a	Yes	2012-2014	Indicator changed			
15	Cancer diagnosed at an earlier stage**	%	49.6	1,105	Not Compared	2014	47.31	1013	n/a	2013
16	Hospital stays for self harm	DASR/100,000	239.1	1217	Yes	2014/15	287.7	1471	Yes	2013/14
17	Hospital stays for alcohol related harm	DASR/100,000	746	3827	Yes	2014/15	788	4053	Yes	2013/14
18	Recorded diabetes	%	7.0	31056	Yes	2014/15	6.9	30506	Yes	2013/14
19	Incidence of TB	CR/1000	2.3	35	No	2012-2014	1.9	10	No	2011-13
20	New sexually transmitted infections (STI)	CR/100,000	554	1816	No	2015	611	2050	No	2013
21	Hip fractures in people aged 65 and over	DASR/100,000	574	589	No	2014/15	674	662	Yes	2013/14
22	Life expectancy - male	Years	78.1	n/a	Yes	2012-2014	78	n/a	Yes	2011-13
23	Life expectancy - female	Years	81.4	n/a	Yes	2012-2014	81.3	n/a	Yes	2011-13
24	Infant mortality*	DASR/100,000	3.4	56	No	2012-2014	3.31	56	n/a	2011-13
25	Killed & seriously injured on roads*	DASR/100,000	37.5	581	No	2012-2014	38.5	594	n/a	2011-13
26	Suicide rate*	DASR/100,000	14.8	202	n/a	2012-2014	15	204	n/a	2011-13
27	Deaths from drug misuse**	DASR/100,000	5.8	86	n/a	2012-2014	4.8	71	n/a	2011-13
28	Smoking related deaths*	DASR/100,000	367.8	3302	Yes	2012-2014	374.8	3306	n/a	2011-13
29	Under 75 mortality rate: CVD*	DASR/100,000	81.7	1156	Yes	2012-2014	88.34	1232	n/a	2011-13
30	Under 75 mortality rate: Cancer*	DASR/100,000	168.6	2407	Yes	2012-2014	166.6	2347	n/a	2011-13
31	Excess winter deaths*	Ratio	16.8	849	No	Aug 2010 - Jul 2013	18.99	848.5	n/a	Aug 2011 - Jul 2014

* The methodology has changed for these indicators, from previous profiles. Information for previous periods calculated with new methodology.

** New indicator

	Indicator has improved from previous profile
	Indicator has not changed from previous profile
	Indicator has deteriorated from previous profile

Yes	Indicator value is statistically significantly worse than England
No	Indicator value is not statistically significantly worse than England

Appendix 3: County Durham Child Health Profile 2016 Summary

Indicator		Measure	Polarity what's best?	2016 Profile					
				Period	No. per year	Value	England ave.	Improvement from previous period?	
Preventable mortality	1	Infant mortality rate (less than 1 year)	Rate/1,000 live births	Lower	2012-14	19	3.4	4.0	No
	2	Child mortality rate (age 1-17 years)	DASR/100,000*	Lower	2012-14	10	10.3	12.0	Yes
Health protection	3	MMR immunisation (one dose, by age 2)	%	Higher	2014/15	5,529	97.2	92.3	No change
	4	Dtap/IPV/hib vaccination (by age 2)	%	Higher	2014/15	5,620	98.8	95.7	Yes
	5	Children in care immunisations	%	Higher	2015	410	95.3	87.8	No
Wider determinants of health	6	Children achieving a good level of development at the end of	%	Higher	2014/15	3,639	63.5	66.3	Yes
	7	GCSE achievement (5A*-C inc maths & english)	%	Higher	2014/15	2,950	55.6	57.3	Revised definition
	8	GCSE achievement (5A*-C inc maths & english) for children in care	%	Higher	2014	-	-	12	No data
	9	Not in education, employment or training (age 16-18)	%	Lower	2014	1,160	6.7	4.7	Yes
	10	First time entrants to the youth justice system	Rate/100,000	Lower	2014	212	483	409	No
	11	Children living in poverty (age < 16 years)	%	Lower	2013	19,815	22.5	18.6	Yes
	12	Family homelessness	Rate/1,000	Lower	2014/15	117	0.5	1.8	No change
	13	Children in care	Rate/10,000	Lower	2015	620	62	60	No
Health improvement	14	Children killed or seriously injured in road traffic accidents	Crude rate/100,000	Lower	2012-14	22	24.9	17.9	Yes
	15	Low birthweight of term babies (changed from all babies)	% <2,500 grams	Lower	2014	132	2.7	2.9	No
	16	Obese children (age 4-5 years)	%	Lower	2014/15	542	9.3	9.1	Yes
	17	Obese children (age 10-11 years)	%	Lower	2014/15	1,104	21.4	19.1	No change
	18	Children with one or more decayed, missing or filled teeth	%	Lower	2011/12	-	27.2	27.9	Not updated
	19	Hospital admissions for dental caries (1-4 years)	Rate/100,000	Lower	2012/13-2014/15	33	141.9	322	New indicator
	20	Teenage conception rates (age <18 years)	Rate/1,000	Lower	2013	293	33.8	24.3	Not updated
	21	Teenage mothers (age <18 years)	%	Lower	2014/15	92	1.7	0.9	Yes
	22	Hospital admissions due to alcohol specific conditions	Crude rate/100,000	Lower	2011/12-13/14	70	69.9	40.1	Not updated
	23	Hospital admissions due to substance misuse (age 15-24 years)	DASR/100,000*	Lower	2012/13-14/15	204	99.2	88.8	No
Prevention of ill health	24	Smoking at time of delivery	%	Lower	2014/15	975	19.0	11.4	Yes
	25	Breastfeeding initiation	%	Higher	2014/15	2,943	57.6	74.3	Yes
	26	Breastfeeding at 6-8 weeks	%	Higher	2014/15	1,572	28.9	43.8	Yes
	27	A&E attendances (age 0-4 years)	Crude rate/100,000	Lower	2014/15	19,765	685.4	540.5	No
	28	Hospital admissions due to injury in children (0-14 years)	Crude rate/100,000	Lower	2014/15	1,459	176.2	109.6	No
	29	Hospital admissions due to injury in young people (15-24 years)	Crude rate/100,000	Lower	2014/15	1,138	165.3	131.7	Yes
	30	Hospital admissions for asthma (age <19 years)	Crude rate/100,000	Lower	2014/15	253	237.6	216.1	No
	31	Hospital admissions for mental health conditions	Crude rate/100,000	Lower	2014/15	112	111.7	87.4	No
	32	Hospital admissions as a result of self harm	DASR/100,000*	Lower	2014/15	424	440.3	398.8	Yes


* Directly age standardised rate

Statistically significantly worse than England
Not statistically significantly different to England
Statistically significantly better than England
Statistical significance not tested

Yes	Significantly worse than England, improved since previous period
No	Significantly worse than England, not improved since previous period


Significantly higher than England
Not significantly different to England
Significantly better than England

Appendix 4: Strategies in place to address indicators in the County Durham Health Profile 2016

Health Profile Indicator	Strategy	Lead Board	Inclusion in Partnership plans			County Durham comparison to England average
			JHWS	CYPFP	SDPP	
Children in low income families (under 16s)	Poverty Action Plan for County Durham	CDP	X	X		Worse
GCSEs achieved	Educational Development Service Plan	CFP		X		Worse
Long term unemployment	County Durham Skills Strategy 2014-18	CDEP				Worse
Smoking status at time of delivery	Tobacco Control Alliance Action Plan	HWB	X	X		Worse
Breastfeeding initiation	Healthy Weight Strategic Framework	HWB	X	X		Worse
Obese children (Year 6)	Healthy Weight Strategic Framework for County Durham	HWB	X	X		Worse
Alcohol-specific hospital stays (under 18)	Alcohol Harm Reduction Strategy	SDP	X	X	X	Worse
Under 18 conceptions	Teenage Pregnancy Action Plan	CFP	X	X		Worse
Excess weight in adults	Healthy Weight Strategic Framework for County Durham	HWB	X			Worse
Hospital stays for self-harm	No Health Without Mental Health County Durham Implementation Plan County Durham Transformation Plan for Children and Young People's Mental Health, Emotional Wellbeing and Resilience	HWB	X	X	X	Worse
Hospital stays for alcohol related harm	Alcohol Harm Reduction Strategy	SDP	X	X	X	Worse
Recorded diabetes	Joint Health and Wellbeing Strategy National Diabetes Prevention Programme pilot	HWB	X			Worse
Life expectancy – male	Joint Health and Wellbeing Strategy	HWB	X			Worse
Life expectancy – female	Joint Health and Wellbeing Strategy	HWB	X			Worse
Smoking related deaths	Tobacco Control Alliance Action Plan	HWB	X			Worse
<75 mortality rate: CVD	Joint Health and Wellbeing Strategy CVD Prevention Strategic Framework	HWB	X			Worse
<75 mortality rate: Cancer	Joint Health and Wellbeing Strategy Macmillan Partnership Project – Joining the Dots Service in development	HWB	X			Worse

Health Profile Indicator	Strategy	Lead Board	Inclusion in Partnership plans			County Durham comparison to England average		
			JHWS	CYPFP	SDPP			
Smoking prevalence in adults	Tobacco Control Alliance Action Plan	HWB	X	X				Similar
Percentage of physically active adults	Physical Activity Framework Healthy Weight Strategic Framework for County Durham	HWB	X					Similar
Hip fractures in people aged 65 and older	Joint Health and Wellbeing Strategy	HWB	X					Similar
Infant mortality	Child Death Overview Panel Annual Report LSCB Business Plan	LSCB						Similar
Killed and seriously injured on roads	Safe Durham Partnership Plan	SDP				X		Similar
Excess winter deaths	Joint Health and Wellbeing Strategy Affordable Warmth Strategy	HWB	X					Similar
Statutory homelessness	Homelessness Strategy Joint Protocol for homeless 16/17 year olds is in place	Homeless Action Partnership	X					Better
Violent crime (violent offences)	Safe Durham Partnership Plan	SDP				X		Better
Incidence of TB	Health Protection Annual Assurance Report	HWB						Better
New sexually transmitted infections (STI)	Health Protection Annual Assurance Report	HWB						Better
Deaths from drug misuse	County Durham Drug Strategy	SDP	X			X		Not tested
Suicide Rate	Joint Health and Wellbeing Strategy No Health Without Mental Health County Durham Implementation Plan County Durham Transformation Plan for Children and Young People's Mental Health, Emotional Wellbeing and Resilience	HWB	X	X		X		Not tested
Cancer diagnosed at an earlier stage	Macmillan Partnership Project – Joining the Dots Service in development	HWB	X					Not tested

Appendix 5: Strategies in place to address indicators in the County Durham Child Health Profile 2016

Child Health Profile Indicator	Strategy	Lead Board	Inclusion in Partnership plans			County Durham comparison to England average
			JHWS	CYPFP	SDPP	
Children achieving a good level of development at the end of reception	Early Years Strategy	CFP		x		Worse
GCSE achievement (5A*-C inc. English & maths)	Educational Development Service plan	CFP		x		Worse
16-18 year olds not in education, employment or training	Believe, Achieve and Succeed: Increasing the Participation of Young People in Learning Plan	CFP		x		Worse
Teenage mothers	Teenage Pregnancy Action Plan	CFP	x	x		Worse
Under 18 conceptions	Teenage Pregnancy Action Plan	CFP	x	x		Worse
Breastfeeding initiation	Healthy Weight Strategic Framework	HWB	x	x		Worse
Breastfeeding prevalence at 6-8 weeks after birth	Healthy Weight Strategic Framework	HWB	x	x		Worse
Smoking at time of delivery	Tobacco Control Alliance Action Plan	HWB	x	x		Worse
Hospital admissions for mental health conditions	County Durham Transformation Plan for Children and Young People's Mental Health, Emotional Wellbeing and Resilience	HWB	x	x		Worse
Hospital admissions as a result of self-harm	County Durham Transformation Plan for Children and Young People's Mental Health, Emotional Wellbeing and Resilience	HWB	x	x	x	Worse
Obese children (10-11)	Healthy Weight Strategic Framework for County Durham	HWB	x	x		Worse
A&E attendances (0-4 years)	Strategy for Prevention of Unintentional Injuries in Children and Young People (0-19 years)	HWB	x	x		Worse
Hospital admissions caused by injuries in children (0-14)	Strategy for Prevention of Unintentional Injuries in Children and Young People (0-19 years)	HWB	x	x		Worse
Hospital admissions caused by injuries in young people (15-24)	Strategy for Prevention of Unintentional Injuries in Children and Young People (0-19 years) Alcohol Harm Reduction Strategy	HWB SDP	x	x	x	Worse

Child Health Profile Indicator	Strategy	Lead Board	Inclusion in Partnership plans			County Durham comparison to England average		
			JHWS	CYPFP	SDPP			
Hospital admissions due to alcohol specific conditions	Alcohol Harm Reduction Strategy	SDP	x	x	x	Worse		
First time entrants to the youth justice system	County Durham Youth Offending Service Youth Justice Plan	SDP		x	x	Worse		
Children killed or seriously injured in road traffic accidents	Safe Durham Partnership Plan	SDP			x	Worse		
Children living in poverty (under 16s)	Poverty Action Plan for County Durham	CDP	x	x		Worse		
Children in care	Sufficiency Strategy for Looked After Children and Care Leavers 2015-2018 Care Leavers Strategy	CFP		x		Similar		
Low birthweight of term babies	Healthy Weight Strategic Framework for County Durham	HWB	x			Similar		
Obese children (4-5)	Healthy Weight Strategic Framework for County Durham Physical Activity Framework	HWB	x	x		Similar		
Hospital admissions due to substance misuse (15-24)	County Durham Drug Strategy	HWB	x	x	x	Similar		
Children with one or more decayed, missing or filled teeth	Oral Health Strategy currently in development	HWB	x			Similar		
Infant mortality	Child Death Overview Panel Annual Report LSCB Business Plan	LSCB				Similar		
Child mortality rate (1-17)	Child Death Overview Panel Annual Report LSCB Business Plan	LSCB				Similar		
Hospital admissions for asthma (under 19 years)	This is part of Clinical Commissioning Groups paediatrics care pathway work which is in currently in development					Similar		
MMR vaccination for one dose (age 2)	Health Protection Annual Assurance Report	HWB				Better		
Dtap / IPV /Hib vaccination (age 2)	Health Protection Annual Assurance Report	HWB				Better		
Children in care immunisations	Health Protection Annual Assurance Report	HWB				Better		

Child Health Profile Indicator	Strategy	Lead Board	Inclusion in Partnership plans			County Durham comparison to England average		
			JHWS	CYPFP	SDPP			
	Sufficiency Strategy For Looked After Children and Care Leavers	CFP						
Hospital admissions for dental caries (1-4)	Oral Health Strategy currently in development	HWB	x					Better
Family homelessness	Homelessness Strategy Joint Protocol for homeless 16/17 year olds is in place	Homeless Action Partnership						Better
GCSE achievement (5A*-C inc. English & maths) for children in care	Educational Development Service plan	CFP		x				No data