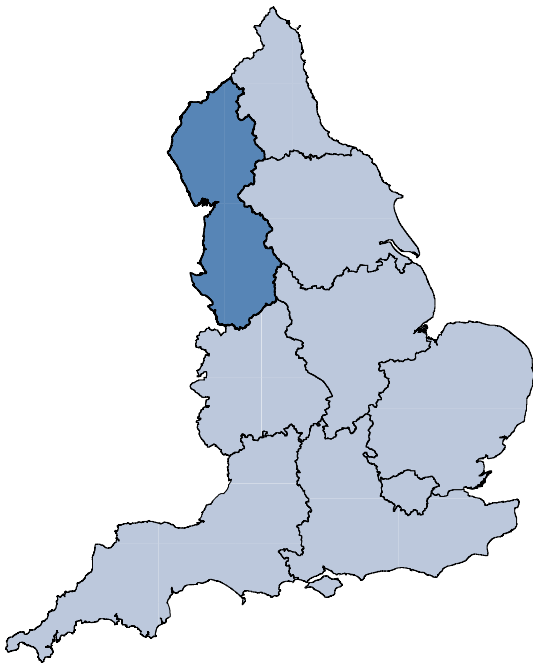


# North West

This profile gives a snapshot of health in your region. With other regional and local information, this Health Profile has been designed to support action by local government and primary care trusts to tackle health inequalities and improve people's health.

Health Profiles are funded by the Department of Health and produced annually by the Association of Public Health Observatories.

To view Health Profiles for other regions, counties and local authorities and to find out how they were produced, visit [www.healthprofiles.info](http://www.healthprofiles.info)



**POPULATION 6,853,000**

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## North West at a glance

- The health of people in the North West has improved, though in general it remains worse than the average for England as a whole.
- There are inequalities in health within the North West region which are closely associated with deprivation. For example, the health of people in South Lakeland and Macclesfield is generally better than the national average while the health of people in Manchester, Bolton, Liverpool and Burnley is generally worse.
- The rate of hospital stays related to alcohol and the early death rate from heart disease and stroke are the highest in England.
- Male and female life expectancy is shorter than the national average and the death rate from smoking is higher than the England average. Over 13,500 people die each year from smoking-related illnesses.
- Children in the region have the worst tooth decay in the country. Smoking in pregnancy is relatively high and breast feeding initiation is low compared to the England averages.
- North West health priorities are to ensure that all public services support the achievement of better health, and specifically that health and social care services are delivered to everyone according to need. Prevention is key, especially to help people adopt healthy lifestyles. Overall, the aim is to narrow the health gap.
- The report 'Our Life in the North West' is available at [www.northwest.nhs.uk](http://www.northwest.nhs.uk)



## Regional variations

This table shows how each region compares to the England average for the range of indicators used in the local Health Profiles. Areas are sorted by a summary score of red, amber and green indicators so that areas with more indicators which are better than the England average appear at the left and those which are worse appear at the right. A green box may still indicate an important public health problem.

Domain	Indicator	England	South East	East of England	South West	East Midlands	London	North East	Yorkshire and The Humber	West Midlands	North West
Our communities	1 Deprivation	19.9	5.9	6.2	9.2	16.6	28.5	33.6	27.2	27.4	31.7
	2 Children in poverty *	22.4	15.4	16.9	16.9	19.5	33.9	26.0	23.0	24.8	25.0
	3 Statutory homelessness	4.4	2.8	3.5	3.6	3.7	6.8	5.2	4.2	5.8	4.4
	4 GCSE achievement (5 A*-C) *	60.1	62.0	61.2	59.5	57.9	60.9	60.5	57.8	59.3	60.3
	5 Violent crime	19.3	18.6	14.6	17.2	18.3	24.3	18.8	20.8	19.7	19.7
	6 Carbon emissions *	7.6	7.3	7.8	7.7	8.3	6.8	9.0	8.3	7.4	7.6
Children's and young people's health	7 Smoking in pregnancy	16.1	15.2	14.4	16.8	18.3	8.9	23.6	19.6	16.3	20.8
	8 Breast feeding initiation *	69.2	75.6	69.7	75.8	70.5	81.9	49.8	62.5	60.3	59.8
	9 Physically active children *	85.7	85.0	86.6	88.6	85.9	84.9	87.0	84.1	85.1	85.8
	10 Obese children *	9.9	8.7	9.1	9.0	9.7	11.3	10.9	9.7	10.4	10.2
	11 Children's tooth decay (at age 5)	1.5	1.1	1.1	1.6	1.3	1.7	2.0	1.8	1.0	2.0
	12 Teenage pregnancy (under 18) *	41.1	33.4	32.8	33.7	40.2	46.9	49.7	47.2	45.7	45.4
Adults' health and lifestyle	13 Adults who smoke *	24.1	21.8	23.5	21.5	24.9	23.3	29.1	25.5	24.0	26.0
	14 Binge drinking adults	18.0	16.2	15.2	15.3	17.7	12.7	26.5	22.0	17.9	23.0
	15 Healthy eating adults	26.3	30.4	27.0	25.9	25.9	29.7	18.5	24.7	25.1	23.6
	16 Physically active adults	11.6	12.5	11.3	12.6	11.6	11.6	11.4	11.1	10.5	11.1
	17 Obese adults	23.6	22.0	24.8	23.2	25.6	18.4	25.2	24.1	26.5	24.5
Disease and poor health	18 Under-15s 'not in good health'	11.6	10.4	10.4	10.7	10.4	13.1	13.4	11.8	12.1	12.4
	19 Incapacity benefits for mental illness *	27.5	19.4	20.0	26.3	24.1	26.9	40.8	28.3	28.5	40.5
	20 Hospital stays related to alcohol *	260.3	201.9	170.0	247.3	238.0	239.7	422.9	250.9	252.5	424.2
	21 Drug misuse	9.9	6.4	6.5	9.4	8.2	14.4	9.5	11.7	10.6	11.4
	22 People diagnosed with diabetes	3.7	3.3	3.4	3.5	3.9	4.0	3.8	3.7	4.0	3.9
	23 Sexually transmitted infections										
	24 New cases of tuberculosis	15.0	8.0	7.0	5.0	12.0	44.0	5.0	11.0	17.0	9.0
	25 Hip fracture in over-65s	479.8	467.5	467.6	462.7	480.1	454.4	552.3	484.0	499.0	493.9
Life expectancy and causes of death	26 Life expectancy - male *	77.3	78.5	78.3	78.5	77.3	77.4	75.8	76.6	76.6	75.8
	27 Life expectancy - female *	81.6	82.4	82.3	82.7	81.3	82.0	80.1	81.0	81.1	80.3
	28 Infant deaths	5.0	4.0	4.1	4.4	5.1	5.0	4.9	5.8	6.5	5.6
	29 Deaths from smoking	225.4	197.9	199.3	192.3	218.2	225.1	285.8	249.2	228.8	270.0
	30 Early deaths: heart disease & stroke *	84.2	70.2	72.9	69.5	84.6	89.0	99.8	90.5	90.7	102.2
	31 Early deaths: cancer *	117.1	109.8	108.3	108.1	115.1	114.6	136.0	122.3	119.2	131.0
	32 Road injuries and deaths *	56.3	55.3	64.4	49.8	63.7	52.6	44.6	65.1	50.5	57.5

■ Significantly worse than England average  
■ Significantly better than England average

■ Not significantly different to the England average  
■ No significance can be calculated, or data unavailable

# Local variations

This table shows how each local authority and county within this region compares to the England average, for the range of indicators used in the local Health Profiles. Indicators and areas are sorted from top to bottom and from left to right so that the better overall results appear at the top left and worse overall results at the bottom right of the table. A green box may still indicate an important public health problem.

	New cases of tuberculosis	Violent crime	Children in poverty *	Statutory homelessness	Physically active children *	GCSE achievement (5 A*-C) *	Under-15s 'not in good health'	Hip fracture in over-65s	Adults who smoke *	Deprivation	Obese children *	Physically active adults	Road injuries and deaths *	Infant deaths	Teenage pregnancy (under 18) *	People diagnosed with diabetes	Obese adults	Children's tooth decay (at age 5)	Early deaths: cancer *	Healthy eating adults	Early deaths: heart disease & stroke *	Incapacity benefits for mental illness *	Life expectancy - female *	Deaths from smoking	Life expectancy - male *	Hospital stays related to alcohol *	Binge drinking adults	Breast feeding initiation *	Smoking in pregnancy	Drug misuse	Carbon emissions *	Sexually transmitted infections	
Macclesfield CD																																	
South Lakeland CD																																	
Congleton CD																																	
Ribble Valley CD																																	
Stockport MCD																																	
Chester CD																																	
Eden CD																																	
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Carlisle CD																																	
Blackburn with Darwen UA																																	
Copeland CD																																	
St Helens MCD																																	
Barrow-in-Furness CD																																	
Knowsley MCD																																	
Blackpool UA																																	
Pendle CD																																	
Tameside MCD																																	
Salford MCD																																	
Oldham MCD																																	
Halton UA																																	
Liverpool MCD																																	
Rochdale MCD																																	
Bolton MCD																																	
Manchester MCD																																	
Preston CD																																	
Burnley CD																																	
Cheshire CC																																	
Cumbria CC																																	
Lancashire CC																																	

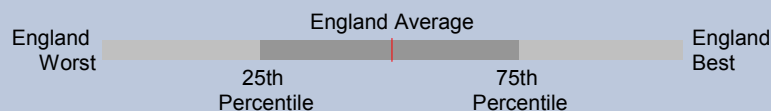
■ Significantly worse than England average     
 ■ Not significantly different to the England average  
■ Significantly better than England average     
 ■ No significance can be calculated, or data unavailable

# Health summary for North West

The chart below shows how people's health in this region compares to the rest of England. The regional result for each indicator is shown as a diamond, against the range of results for local authorities in England which is shown as a bar. A green diamond may still indicate an important public health problem.

- ◆ Significantly worse than England average
- ◆ Not significantly different from England average
- ◆ Significantly better than England average
- ◇ No significance can be calculated

\* relates to National Indicator 2007



Domain	Indicator	Local No. Per Year	Local Value	Eng Avg	Eng Worst	England Range	Eng Best
Our communities	<b>1</b> Deprivation	2171544	31.7	19.9	89.2		0.0
	<b>2</b> Children in poverty *	334236	25.0	22.4	66.5		6.0
	<b>3</b> Statutory homelessness	11708	4.4	4.4	14.4		0.0
	<b>4</b> GCSE achievement (5 A*-C) *	53817	60.3	60.1	35.8		82.7
	<b>5</b> Violent crime	135055	19.7	19.3	38.9		4.5
	<b>6</b> Carbon emissions *	50992	7.6	7.6	20.6		4.6
Children's and young people's health	<b>7</b> Smoking in pregnancy	14259	20.8	16.1	38.8		4.4
	<b>8</b> Breast feeding initiation *	44364	59.8	69.2	33.2		90.9
	<b>9</b> Physically active children *	769643	85.8	85.7	63.3		99.2
	<b>10</b> Obese children *	6313	10.2	9.9	16.1		4.9
	<b>11</b> Children's tooth decay (at age 5)	n/a	2.0	1.5	3.2		0.4
	<b>12</b> Teenage pregnancy (under 18) *	6246	45.4	41.1	83.1		12.5
Adults' health and lifestyle	<b>13</b> Adults who smoke *	n/a	26.0	24.1	40.9		13.7
	<b>14</b> Binge drinking adults	n/a	23.0	18.0	28.9		9.7
	<b>15</b> Healthy eating adults	n/a	23.6	26.3	14.2		45.8
	<b>16</b> Physically active adults	n/a	11.1	11.6	7.5		17.2
	<b>17</b> Obese adults	n/a	24.5	23.6	31.2		11.9
Disease and poor health	<b>18</b> Under-15s 'not in good health'	15677	12.4	11.6	20.8		6.4
	<b>19</b> Incapacity benefits for mental illness *	171450	40.5	27.5	68.6		8.4
	<b>20</b> Hospital stays related to alcohol *	29658	424.2	260.3	741.1		87.6
	<b>21</b> Drug misuse	51110	11.4	9.9	34.9		1.3
	<b>22</b> People diagnosed with diabetes	264482	3.9	3.7	5.9		2.1
	<b>23</b> Sexually transmitted infections						
	<b>24</b> New cases of tuberculosis	681	9.0	15.0	102.0		0.0
	<b>25</b> Hip fracture in over-65s	6792	493.9	479.8	699.8		219.0
Life expectancy and causes of death	<b>26</b> Life expectancy - male *	n/a	75.8	77.3	73.0		83.1
	<b>27</b> Life expectancy - female *	n/a	80.3	81.6	78.3		87.2
	<b>28</b> Infant deaths	460	5.6	5.0	10.3		0.0
	<b>29</b> Deaths from smoking	13516	270.0	225.4	355.0		139.4
	<b>30</b> Early deaths: heart disease & stroke *	7670	102.2	84.2	142.4		39.7
	<b>31</b> Early deaths: cancer *	9693	131.0	117.1	167.8		76.7
	<b>32</b> Road injuries and deaths *	3930	57.5	56.3	194.6		20.8

**Note** (numbers in bold refer to the above indicators)

1 % of people in this area living in 20% most deprived areas of England 2005 **2** % of children living in families receiving means-tested benefits 2005 **3** Crude rate per 1,000 households 2005-2006 **4** % at Key Stage 4 2006-2007 **5** Recorded violence against the person crimes (crude rate per 1,000 population) 2006-2007 **6** Total end user CO2 emissions per capita (tonnes CO2 per resident) 2005 **7** % of mothers smoking in pregnancy where status is known 2006-2007 **8** % of mothers initiating breast feeding where status known 2006-2007 **9** % 5-16 year olds who spend at least 2 hrs/wk on high quality PE and school sport 2006-2007 **10** %. Schoolchildren in Reception year. 2006-2007 **11** Average (mean) number of teeth per child which were actively decayed, filled, or had been extracted (age 5) 2005-2006 **12** Under-18 conception rate per 1,000 females (crude rate) 2004-2006 (provisional) **13** %. Direct estimate from Health Survey for England. 2003-2005 **14** %. Direct estimate from Health Survey for England. 2003-2005 **15** %. Direct estimate from Health Survey for England. 2003-2005 **16** % aged 16+ 2005/06 **17** %. Direct estimate from Health Survey for England. 2003-2005 **18** % who self assessed general health as 'not good' (directly age standardised) 2001 **19** Crude rate per 1,000 working age population. 2006 **20** Directly age and sex standardised rate per 100,000 pop. 2006-2007 **21** Crude rate per 1000 population aged 15-64. No significance calculated for lower tier authorities. 2004-2005 **22** % of people on GP registers with a recorded diagnosis of diabetes. 2005-2006 **23** Indicator blank as data not yet available for local authorities. **24** Per 100,000 population (3-year average crude rate) 2004-2006 **25** Directly age-standardised rate for emergency admission 2006/07 **26** At birth, years 2004-2006 **27** At birth, years 2004-2006 **28** Rate /1,000 live births 2004-06 **29** Per 100,000 population age 35+, directly age standardised rate. 2004-2006 **30** Directly age standardised rate/100,000 pop. under 75 2004-2006 **31** Directly age standardised rate/100,000 pop. under 75 2004-2006 **32** Per 100,000 population (3-year average crude rate) 2004-2006

For more information from your regional PHO, visit [www.apho.org.uk](http://www.apho.org.uk)

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