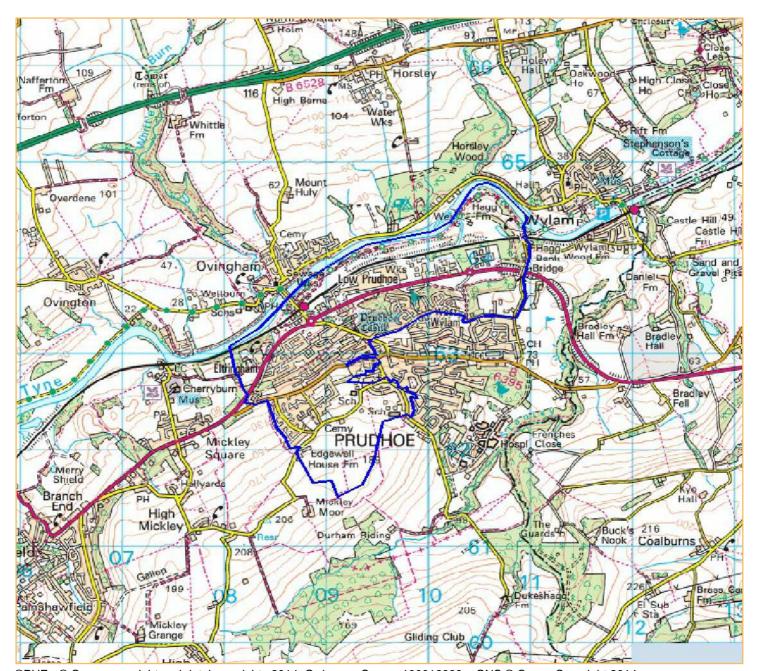
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### **Presentation map**



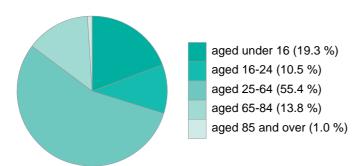
 $@PHE - @ Crown \ copyright \ and \ database \ rights \ 2014, \ Ordnance \ Survey \ 100016969 - ONS \ @ Crown \ Copyright \ 2014 \ Annual \ Copyright \ Crown \ Crow$ 



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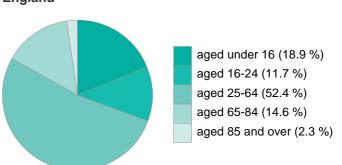
### **Population**

## Population by age group, 2012 Selection



Source: ONS © Crown copyright 2013

## Population by age group, 2012 England



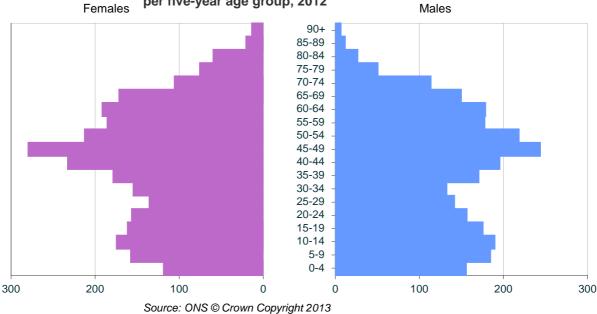
Source: ONS © Crown copyright 2013

#### Population by age group, 2012, numbers

Ages	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
aged under 16	1,058	//	53,455	10,130,226
aged 16-24	577	//	30,520	6,262,440
aged 25-64	3,036	//	165,450	28,044,555
aged 65-84	756	//	58,376	7,836,002
aged 85 and over	54	//	8,315	1,220,506
Total	5,481	//	316,116	53,493,729

Source: ONS © Crown copyright 2013

# Age pyramid for selection: male and female numbers per five-year age group, 2012



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Page 2



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## **Ethnicity & Language**

#### Ethnicity & Language indicators, 2011, numbers

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Black and Minority Ethnic (BME) Population	53	//	4,962	7,731,314
Population whose ethnicity is not 'White UK'	117	//	8,931	10,733,220
Number who cannot speak English well or at all	4	//	644	843,845

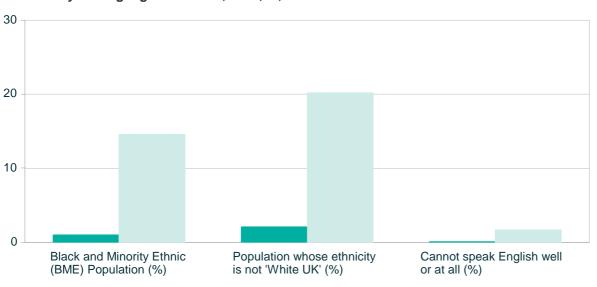
Source: ONS Census

#### Ethnicity & Language indicators, 2011, %

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Black and Minority Ethnic (BME) Population (%)	1	//	1.6	14.6
Population whose ethnicity is not 'White UK' (%)	2.1	//	2.8	20.2
Cannot speak English well or at all (%)	0.1	//	0.2	1.7

Source: ONS Census

#### Ethnicity & Language indicators, 2011, %, Selection



Source: ONS Census

www.localhealth.org.uk Page 3

Selection

England



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### **Deprivation**

#### Index of Deprivation, 2010, numbers (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
People living in means tested benefit households	636	//	41,249	7,597,605
Children living in income deprived households	150	//	9,779	2,115,946
People aged 60+ living in pension credit households	194	//	13,614	2,094,588

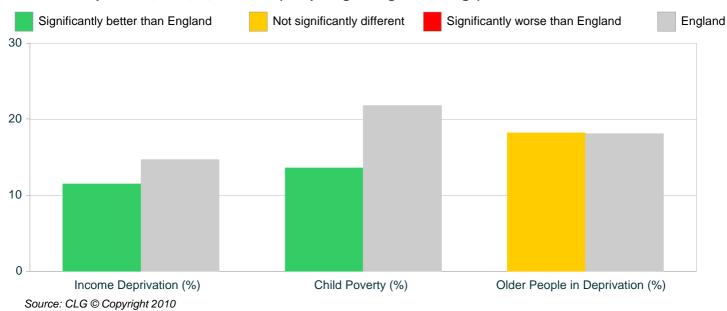
Source: CLG © Copyright 2010

#### Index of Deprivation, 2010, % (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Income Deprivation (%)	11.5	//	13.3	14.7
Child Poverty (%)	13.6	//	18.5	21.8
Older People in Deprivation (%)	18.2	//	16	18.1

Source: CLG © Copyright 2010

#### Index of Deprivation, 2010, %, Selection (comparing to England average)



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4/17

Page 4

Report - Ward: Prudhoe North

## **Child Development, Education and Employment**

Child development, education and employment indicators, numbers (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Low birth weight births, 2008-2012	18	//	1,040	251,444
A good level of development at age 5, 2011/12	49	//	2,135	393,090
Achieving 5A*-C (incl. Eng & Maths) GCSE, 2011/12	42	//	1,965	330,011
Claiming job seekers allowance, 2012/13*	130	//	8,522	1,287,226
Claiming job seekers allowance for > 1 year, 2012/13	31	//	2,365	344,895

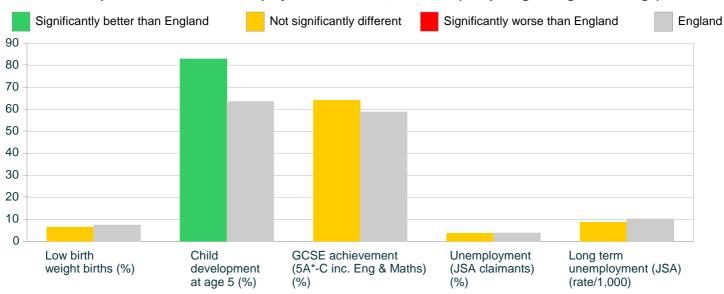
Source: Public Health England, ONS, NOMIS, DfE

Child development, education and employment indicators, values (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Low birth weight births (%)	6.4	//	6.9	7.4
Child development at age 5 (%)	82.9	//	67.6	63.5
GCSE achievement (5A*-C inc. Eng & Maths) (%)	64	//	58.2	58.8
Unemployment (JSA claimants) (%)	3.6	//	4.3	3.8
Long term unemployment (JSA) (rate/1,000)	8.6	//	12.1	10.1

Source: Public Health England, ONS, NOMIS, DfE

#### Child development, education and employment indicators, Selection (comparing to England average)



Source: Public Health England, ONS, NOMIS, DfE www.localhealth.org.uk

<sup>\*</sup> Monthly average



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#### **Health and Care**

#### Health and care indicators, 2011, numbers

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
In very bad health	44	//	4,359	660,749
In bad or very bad health	226	//	20,000	2,911,195
Having a long term illness or disability	876	//	65,498	9,352,586
Provide unpaid care for 1 or more hours per week	571	//	35,697	5,430,016
Provide unpaid care for 50 or more hours per week	115	//	8,840	1,256,237

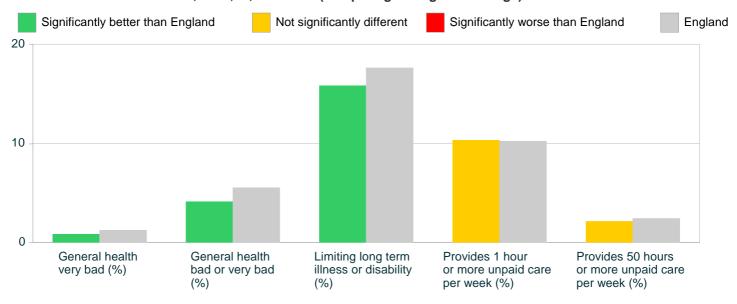
Source: ONS Census

#### Health and care indicators, 2011, %

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
General health very bad (%)	0.8	//	1.4	1.2
General health bad or very bad (%)	4.1	//	6.3	5.5
Limiting long term illness or disability (%)	15.8	//	20.7	17.6
Provides 1 hour or more unpaid care per week (%)	10.3	//	11.3	10.2
Provides 50 hours or more unpaid care per week (%)	2.1	//	2.8	2.4

Source: ONS Census

#### Health and care indicators, 2011, %, Selection (comparing to England average)



Source: ONS Census www.localhealth.org.uk



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## **Housing and Living Environment**

#### Housing and living environment indicators, 2011, numbers

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Households with central heating	2,221	//	136,676	21,468,807
Overcrowded households (at least 1 room too few)	59	//	5,004	1,928,596
Pensioners living alone	224	//	19,407	2,725,596

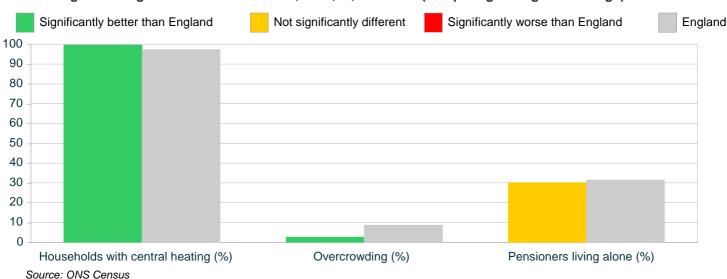
Source: ONS Census

#### Housing and living environment indicators, 2011, %

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Households with central heating (%)	99.6	//	98.7	97.3
Overcrowding (%)	2.6	//	3.6	8.7
Pensioners living alone (%)	30.1	//	30.7	31.5

Source: ONS Census

#### Housing and living environment indicators, 2011, %, Selection (comparing to England average)





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### **Children's Weight**

#### Children's weight indicators, 2010/11-2012/13, numbers

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Obese children (reception year)	//	//	899	159,197
Children with excess weight (reception year)	//	//	2,184	380,678
Obese children (year 6)	//	//	1,629	281,160
Children with excess weight (year 6)	//	′ //	2,921	494,931

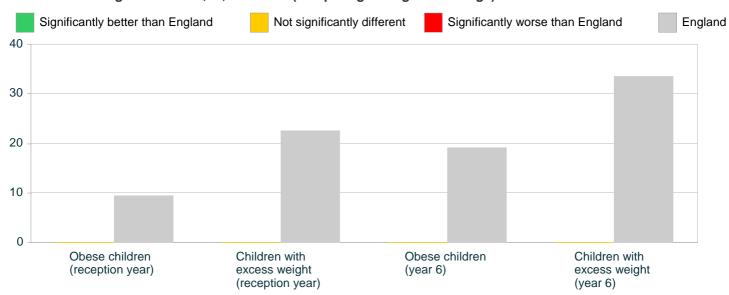
Source: Public Health England & HSCIC © 2010-2014

#### Children's weight indicators, 2010/11-2012/13, %

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Obese children (reception year)	//	//	9.5	9.4
Children with excess weight (reception year)	//	//	23.2	22.5
Obese children (year 6)	//	//	18.3	19.1
Children with excess weight (year 6)	//	//	32.9	33.5

Source: Public Health England & HSCIC © 2010-2014

#### Children's weight indicators, %, Selection (comparing to England average)



Source: Public Health England & HSCIC © 2010-2014 www.localhealth.org.uk



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### Children's health care activity

#### Children's health care activity indicators, numbers (estimated from MSOA level data)

indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Admissions for injuries in under 5s, 2008/9-12/13	21	//	1,181	228,389
Emergency admissions in under 5s, 2010/11-12/13	137	//	8,129	1,500,752
A&E attendances in under 5s, 2010/11-12/13	450	//	86,060	5,096,445
Admissions for injury in under 18s, 2008/9-12/13	81	//	4,140	666,952

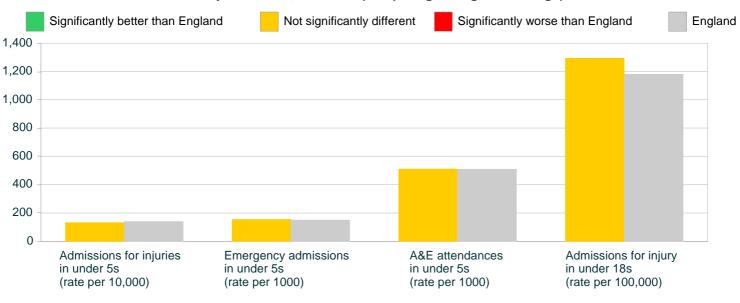
Source: Public Health England, HSCIC © Copyright 2015

#### Children's health care activity indicators, values (estimated from MSOA level data)

indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Admissions for injuries in under 5s (rate per 10,000)	131.7	//	148.5	139.6
Emergency admissions in under 5s (rate per 1000)	154.7	//	169.4	150
A&E attendances in under 5s (rate per 1000)	510	//	880.3	509.5
Admissions for injury in under 18s (rate per 100,000)	1,293.3	//	1,340.8	1,180.9

Source: Public Health England, HSCIC © Copyright 2015

#### Children's health care activity indicators, Selection (comparing to England average)



Source: Public Health England, HSCIC © Copyright 2015 www.localhealth.org.uk



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### **Adults' lifestyle**

#### Adults' lifestyle indicators, 2006-08, numbers (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Obese adults	1,282	//	70,044	9,983,436
Binge drinking adults	1,372	//	76,431	8,290,798
Healthy eating adults	921	//	62,161	11,907,157

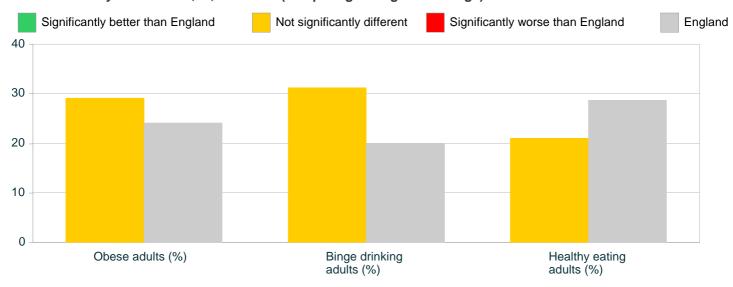
Source: Public Health England © Copyright 2010

#### Adults' lifestyle indicators, 2006-08, % (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Obese adults (%)	29.1	//	27.3	24.1
Binge drinking adults (%)	31.2	//	29.8	20
Healthy eating adults (%)	21	//	24.2	28.7

Source: Public Health England © Copyright 2010

#### Adults' lifestyle indicators, %, Selection (comparing to England average)



Source: Public Health England © Copyright 2010

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### **Emergency hospital admissions**

#### Emergency Hospital Admissions, numbers, 2008/9 to 2012/13 (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Emergency hospital admissions for all causes	2,905	//	190,029	25,623,623
Emergency hospital admissions for CHD*	76	//	6,297	706,513
Emergency hospital admissions for stroke	48	//	2,934	368,284
Emergency hospital admissions for MI*	33	//	2,997	312,427
Emergency hospital admissions for COPD*	103	//	5,111	552,386

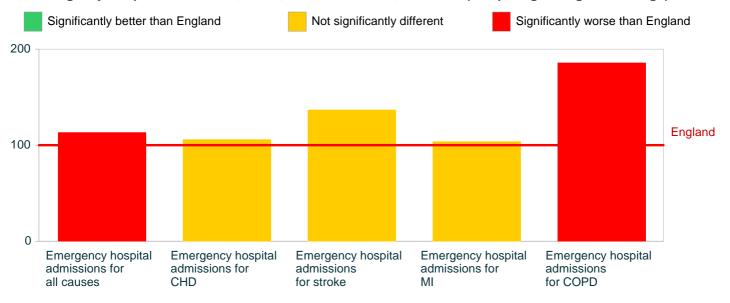
Source: Public Health England, HSCIC © Copyright 2014

\* CHD: Coronary Heart Disease; MI: Myocardial Infarction (heart attack); COPD: Chronic Obstructive Pulmonary Disease Emergency Hospital Admissions, Standardised Admission Ratios (SARs), 2008/9 to 2012/13 (est. from MSOA data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Emergency hospital admissions for all causes	113.2	//	117.5	100
Emergency hospital admissions for CHD	105.8	//	124.9	100
Emergency hospital admissions for stroke	136.6	//	112.9	100
Emergency hospital admissions for MI	103.7	//	134.8	100
Emergency hospital admissions for COPD	185.7	//	127.9	100

Source: Public Health England, HSCIC © Copyright 2014

#### Emergency Hospital admissions, SARs, 2008/9 to 2012/13, Selection (comparing to England average)



Source: Public Health England, HSCIC © Copyright 2014 www.localhealth.org.uk



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#### **Cancer incidence**

#### Cancer incidence, numbers, 2007-2011 (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
All cancer	140	//	9,643	1,335,034
Breast cancer	28	//	1,449	203,220
Colorectal cancer	13	//	1,263	165,022
Lung cancer	20	//	1,408	170,117
Prostate cancer	12	//	1,173	171,557

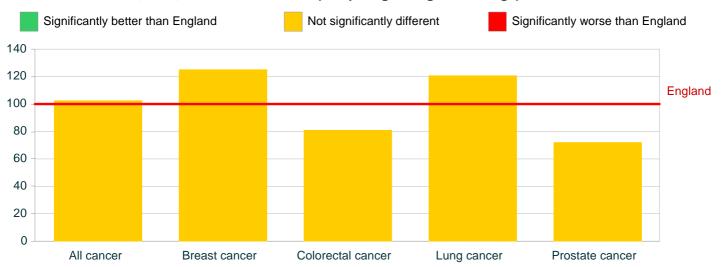
Source: ONS Cancer incidence data, combining cancer registration data from all PHE cancer registration teams

#### Cancer incidence, Standardised Incidence Ratios (SIRs), 2007-2011 (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
All cancer	102.4	//	101.4	100
Breast cancer	125	//	100.8	100
Colorectal cancer	80.8	//	106.4	100
Lung cancer	120.6	//	114.2	100
Prostate cancer	72	//	92.9	100

Source: ONS Cancer incidence data, combining cancer registration data from all PHE cancer registration teams

#### Cancer incidence, SIRs, 2007-2011, Selection (comparing to England average)



Source: ONS Cancer incidence data, combining cancer registration data from all PHE cancer registration teams

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### Hospital admissions - harm and injury

#### Hospital admissions - harm and injury, numbers, 2008/9 to 2012/13 (estimated from MSOA level data)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Hospital stays for self harm	61	//	3,597	515,548
Hospital stays for alcohol related harm	684	//	44,164	5,560,988
Emergency admissions for hip fracture aged 65+	25	//	2,277	310,435
Elective hospital admissions for hip replacement	44	//	2,608	302,413
Elective hospital admissions for knee replacement	71	//	3,320	342,546

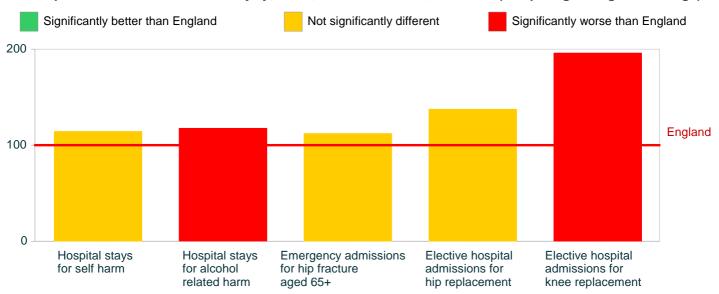
Source: Public Health England, HSCIC © Copyright 2014

#### Hospital admissions - harm and injury, Standardised Admission Ratios (SARs), 2008/9 to 2012/13 (est. from MSOA)

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Hospital stays for self harm	114.3	//	125.5	100
Hospital stays for alcohol related harm	117.6	//	116.9	100
Emergency admissions for hip fracture aged 65+	112.1	//	105.7	100
Elective hospital admissions for hip replacement	137.5	//	118.4	100
Elective hospital admissions for knee replacement	196	//	131.6	100

Source: Public Health England, HSCIC © Copyright 2014

#### Hospital admissions - harm and injury, SARs, 2008/9 to 2012/13, Selection (comparing to England average)



Source: Public Health England, HSCIC © Copyright 2014 www.localhealth.org.uk



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### Mortality and causes of death - all ages

#### Causes of deaths - all ages, numbers, 2008-2012

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
All causes	146	//	16,593	2,315,661
All cancer	62	//	4,760	651,010
All circulatory disease	30	//	4,692	686,806
Coronary heart disease	16	//	2,250	320,773
Stroke	8	//	1,280	178,673
Respiratory diseases	17	//	2,337	327,787

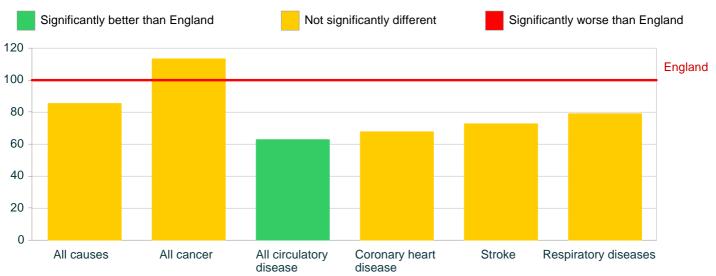
Source: Public Health England, produced from ONS data Copyright © 2014

#### Causes of deaths - all ages, Standardised Mortality Ratios (SMRs), 2008-2012

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
All causes	85.5	//	103	100
All cancer	113.4	//	102.3	100
All circulatory disease	62.9	//	98	100
Coronary heart disease	67.8	//	99.7	100
Stroke	72.8	//	103.6	100
Respiratory diseases	79.1	//	102.5	100

Source: Public Health England, produced from ONS data Copyright © 2014

#### Causes of deaths - all ages, SMRs, 2008-2012, Selection (comparing to England average)



Source: Public Health England, produced from ONS data Copyright © 2014

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### Mortality and causes of death - premature mortality

#### Causes of deaths - premature mortality, numbers, 2008-2012

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
All causes, aged under 65	41	//	2,558	391,312
All causes, aged under 75	71	//	5,364	762,945
All cancer, aged under 75	40	//	2,290	310,211
All circulatory disease, aged under 75	10	//	1,224	176,217
Coronary heart disease, aged under 75	6	//	721	99,575

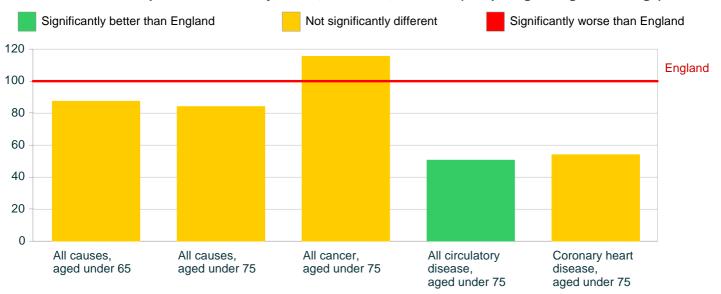
Source: Public Health England, produced from ONS data Copyright © 2014

#### Causes of deaths - premature mortality, Standardised Mortality Ratios (SMRs), 2008-2012

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
All causes, aged under 65	87.5	//	95.8	100
All causes, aged under 75	84.2	//	98.3	100
All cancer, aged under 75	115.6	//	100.4	100
All circulatory disease, aged under 75	50.7	//	94.9	100
Coronary heart disease, aged under 75	54.1	//	98.1	100

Source: Public Health England, produced from ONS data Copyright  $@\,2014$ 

#### Causes of deaths - premature mortality, SMRs, 2008-2012, Selection (comparing to England average)



Source: Public Health England, produced from ONS data Copyright © 2014 www.localhealth.org.uk



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### Modelled prevalence of young people who smoke

#### Modelled prevalence of young people who smoke, numbers

indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
People aged 11-15 who occasionally smoke	7	//	314	45,767
People aged 15 who occasionally smoke	3	//	179	25,778
People aged 16-17 who occasionally smoke	11	//	509	77,463
People aged 11-15 who regularly smoke	15	//	707	98,888
People aged 15 who regularly smoke	8	//	409	56,916
People aged 16-17 who regularly smoke	27	. //	1,308	194,373

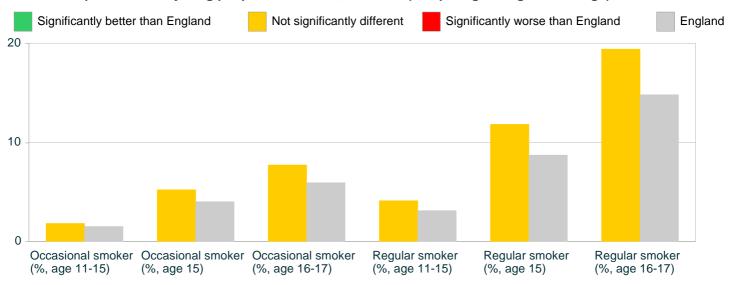
Source: Dept of Geography, University of Portsmouth and Geography and Environment, University of Southampton

#### Modelled prevalence of young people who smoke, values

indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Occasional smoker (%, age 11-15)	1.8	//	1.7	1.5
Occasional smoker (%, age 15)	5.2	//	4.7	4
Occasional smoker (%, age 16-17)	7.7	//	6.9	5.9
Regular smoker (%, age 11-15)	4.1	//	3.9	3.1
Regular smoker (%, age 15)	11.8	//	10.7	8.7
Regular smoker (%, age 16-17)	19.4	//	17.7	14.8

Source: Dept of Geography, University of Portsmouth and Geography and Environment, University of Southampton

#### Modelled prevalence of young people who smoke, Selection (comparing to England average)



Source: Dept of Geography, University of Portsmouth and Geography and Environment, University of Southampton



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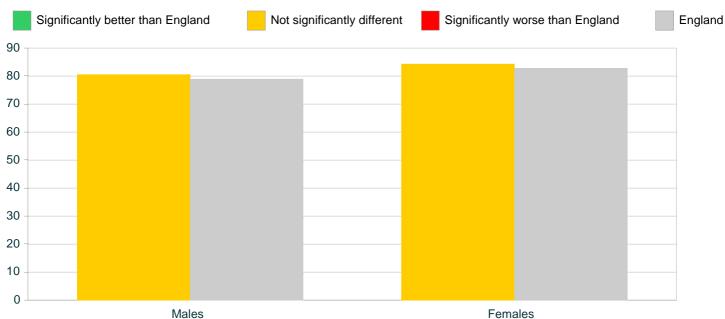
### Life expectancy

#### Life expectancy at birth, years, 2008-2012

Indicator	Selection	Lower Tier Local Authority ()	Upper Tier Local Authority (Northumberland)	England
Males	80.5	//	78.8	78.9
Females	84.3	//	82.2	82.8

Source: Public Health England, produced from ONS data Copyright © 2014

#### Life expectancy at birth, years, 2008-2012, Selection (comparing to England average)



Source: Public Health England, produced from ONS data Copyright © 2014