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Presentation map



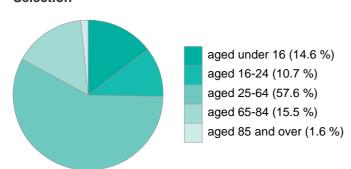
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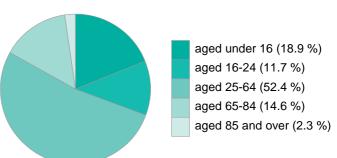
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Population

Population by age group, 2012 Selection



Population by age group, 2012 England



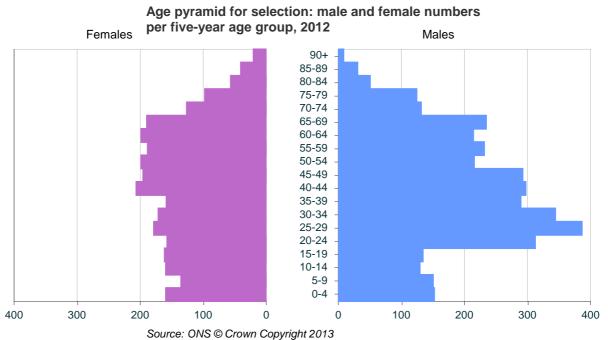
Source: ONS © Crown copyright 2013

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 | 959 | // | 53,455 | 10,130,226 |
| aged 16-24 | 699 | // | 30,520 | 6,262,440 |
| aged 25-64 | 3,776 | // | 165,450 | 28,044,555 |
| aged 65-84 | 1,015 | // | 58,376 | 7,836,002 |
| aged 85 and over | 102 | // | 8,315 | 1,220,506 |
| Total | 6,551 | // | 316,116 | 53,493,729 |

Source: ONS © Crown copyright 2013



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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 | 279 | // | 4,962 | 7,731,314 |
| Population whose ethnicity is not 'White UK' | 368 | // | 8,931 | 10,733,220 |
| Number who cannot speak English well or at all | 30 | // | 644 | 843,845 |

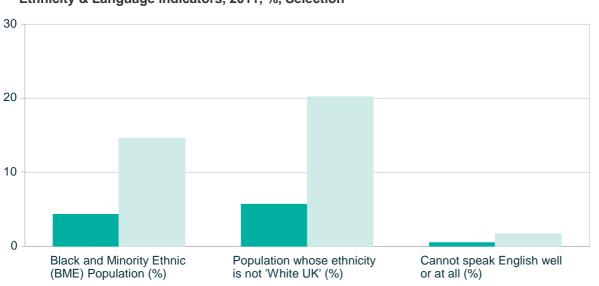
Source: ONS Census

Ethnicity & Language indicators, 2011, %

| Indicator | Selection | Lower Tier Local Authority () | Upper Tier Local Authority (Northumberland) | England |
|--|-----------|-------------------------------------|---|---------|
| Black and Minority Ethnic (BME) Population (%) | 4.3 | // | 1.6 | 14.6 |
| Population whose ethnicity is not 'White UK' (%) | 5.7 | // | 2.8 | 20.2 |
| Cannot speak English well or at all (%) | 0.5 | // | 0.2 | 1.7 |

Source: ONS Census

Ethnicity & Language indicators, 2011, %, Selection



Source: ONS Census

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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 | 948 | // | 41,249 | 7,597,605 |
| Children living in income deprived households | 228 | // | 9,779 | 2,115,946 |
| People aged 60+ living in pension credit households | 235 | // | 13,614 | 2,094,588 |

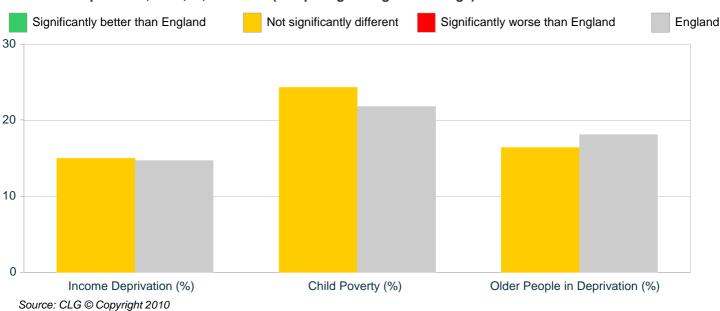
Source: CLG © Copyright 2010

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

| Indicator | Selection | Lower Tier Local Authority () | Upper Tier Local Authority (Northumberland) | England |
|---------------------------------|-----------|-------------------------------------|---|---------|
| Income Deprivation (%) | 15 | // | 13.3 | 14.7 |
| Child Poverty (%) | 24.3 | // | 18.5 | 21.8 |
| Older People in Deprivation (%) | 16.4 | // | 16 | 18.1 |

Source: CLG © Copyright 2010

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



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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 | 20 | // | 1,040 | 251,444 |
| A good level of development at age 5, 2011/12 | 36 | // | 2,135 | 393,090 |
| Achieving 5A*-C (incl. Eng & Maths) GCSE, 2011/12 | 33 | // | 1,965 | 330,011 |
| Claiming job seekers allowance, 2012/13* | 218 | // | 8,522 | 1,287,226 |
| Claiming job seekers allowance for > 1 year, 2012/13 | 62 | // | 2,365 | 344,895 |

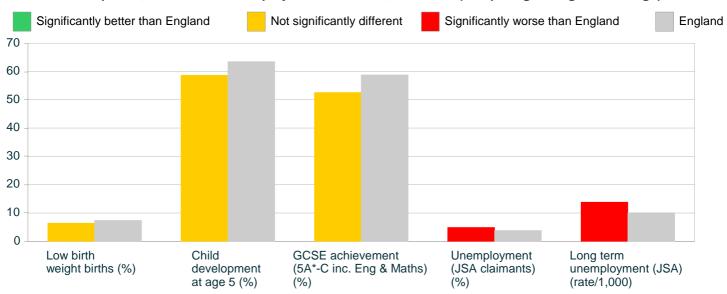
Source: Public Health England, ONS, NOMIS, DfE

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 (%) | 58.7 | // | 67.6 | 63.5 |
| GCSE achievement (5A*-C inc. Eng & Maths) (%) | 52.6 | // | 58.2 | 58.8 |
| Unemployment (JSA claimants) (%) | 4.9 | // | 4.3 | 3.8 |
| Long term unemployment (JSA) (rate/1,000) | 13.8 | // | 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

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^{*} 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 | 108 | // | 4,359 | 660,749 |
| In bad or very bad health | 471 | // | 20,000 | 2,911,195 |
| Having a long term illness or disability | 1,446 | // | 65,498 | 9,352,586 |
| Provide unpaid care for 1 or more hours per week | 743 | // | 35,697 | 5,430,016 |
| Provide unpaid care for 50 or more hours per week | 185 | // | 8,840 | 1,256,237 |

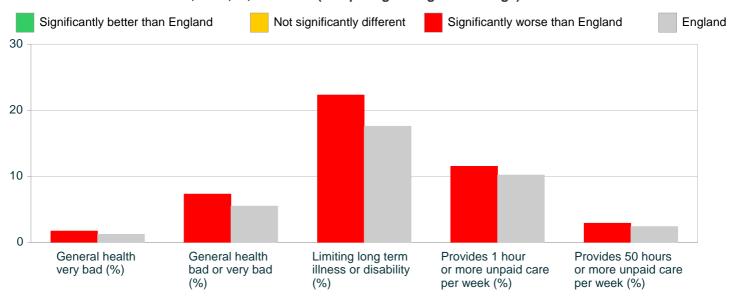
Source: ONS Census

Health and care indicators, 2011, %

| Indicator | Selection | Lower Tier Local Authority () | Upper Tier Local Authority (Northumberland) | England |
|--|-----------|-------------------------------------|---|---------|
| General health very bad (%) | 1.7 | // | 1.4 | 1.2 |
| General health bad or very bad (%) | 7.3 | // | 6.3 | 5.5 |
| Limiting long term illness or disability (%) | 22.3 | // | 20.7 | 17.6 |
| Provides 1 hour or more unpaid care per week (%) | 11.5 | // | 11.3 | 10.2 |
| Provides 50 hours or more unpaid care per week (%) | 2.9 | // | 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 | 2,387 | // | 136,676 | 21,468,807 |
| Overcrowded households (at least 1 room too few) | 61 | // | 5,004 | 1,928,596 |
| Pensioners living alone | 315 | // | 19,407 | 2,725,596 |

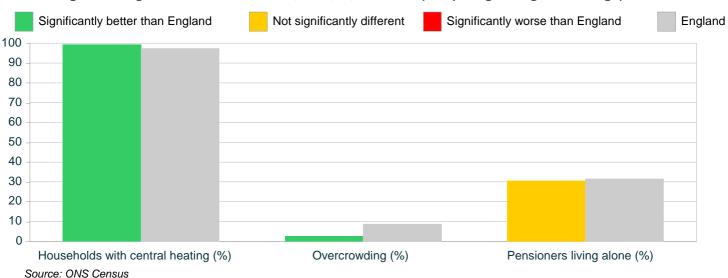
Source: ONS Census

Housing and living environment indicators, 2011, %

| Indicator | Selection | Lower Tier Local Authority () | Upper Tier Local Authority (Northumberland) | England |
|-------------------------------------|-----------|-------------------------------------|---|---------|
| Households with central heating (%) | 99.3 | // | 98.7 | 97.3 |
| Overcrowding (%) | 2.5 | // | 3.6 | 8.7 |
| Pensioners living alone (%) | 30.5 | // | 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 |

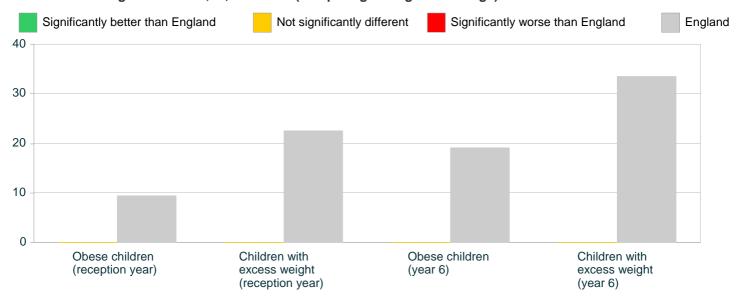
Source: Public Health England & HSCIC © 2010-2014

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

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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 | 22 | // | 1,181 | 228,389 |
| Emergency admissions in under 5s, 2010/11-12/13 | 163 | // | 8,129 | 1,500,752 |
| A&E attendances in under 5s, 2010/11-12/13 | 482 | // | 86,060 | 5,096,445 |
| Admissions for injury in under 18s, 2008/9-12/13 | 76 | // | 4,140 | 666,952 |

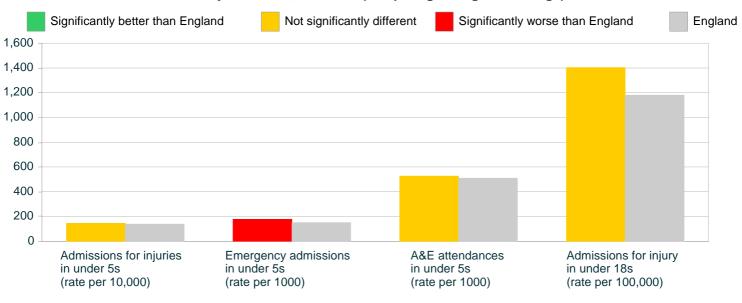
Source: Public Health England, HSCIC © Copyright 2015

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) | 144.7 | // | 148.5 | 139.6 |
| Emergency admissions in under 5s (rate per 1000) | 178.1 | // | 169.4 | 150 |
| A&E attendances in under 5s (rate per 1000) | 527.2 | // | 880.3 | 509.5 |
| Admissions for injury in under 18s (rate per 100,000) | 1,403.3 | // | 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 | 1,541 | // | 70,044 | 9,983,436 |
| Binge drinking adults | 1,566 | // | 76,431 | 8,290,798 |
| Healthy eating adults | 1,094 | // | 62,161 | 11,907,157 |

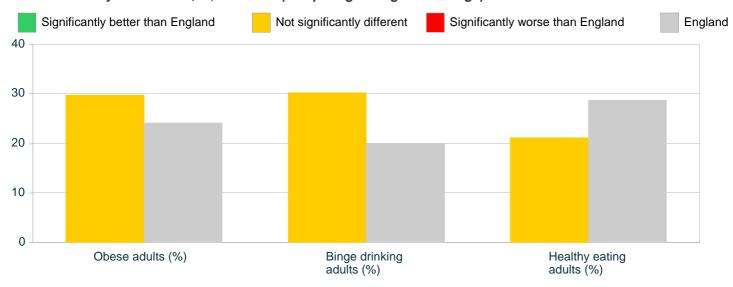
Source: Public Health England © Copyright 2010

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

| Indicator | Selection | Lower Tier Local Authority () | Upper Tier Local Authority (Northumberland) | England |
|---------------------------|-----------|-------------------------------------|---|---------|
| Obese adults (%) | 29.7 | // | 27.3 | 24.1 |
| Binge drinking adults (%) | 30.2 | // | 29.8 | 20 |
| Healthy eating adults (%) | 21.1 | // | 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 | 4,172 | // | 190,029 | 25,623,623 |
| Emergency hospital admissions for CHD* | 154 | // | 6,297 | 706,513 |
| Emergency hospital admissions for stroke | 48 | // | 2,934 | 368,284 |
| Emergency hospital admissions for MI* | 69 | // | 2,997 | 312,427 |
| Emergency hospital admissions for COPD* | 109 | // | 5,111 | 552,386 |

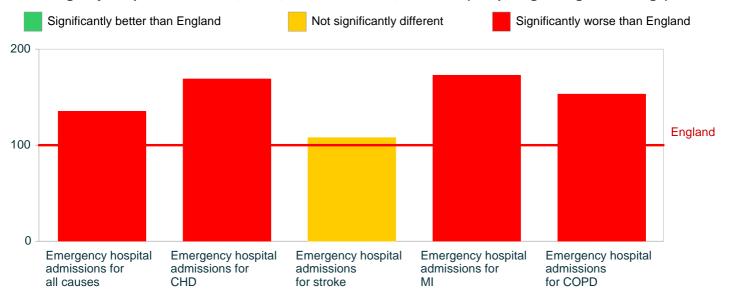
Source: Public Health England, HSCIC © Copyright 2014

* 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 | 135.3 | // | 117.5 | 100 |
| Emergency hospital admissions for CHD | 169 | // | 124.9 | 100 |
| Emergency hospital admissions for stroke | 107.8 | // | 112.9 | 100 |
| Emergency hospital admissions for MI | 172.8 | // | 134.8 | 100 |
| Emergency hospital admissions for COPD | 153.2 | // | 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 | 187 | // | 9,643 | 1,335,034 |
| Breast cancer | 24 | // | 1,449 | 203,220 |
| Colorectal cancer | 26 | // | 1,263 | 165,022 |
| Lung cancer | 31 | // | 1,408 | 170,117 |
| Prostate cancer | 19 | // | 1,173 | 171,557 |

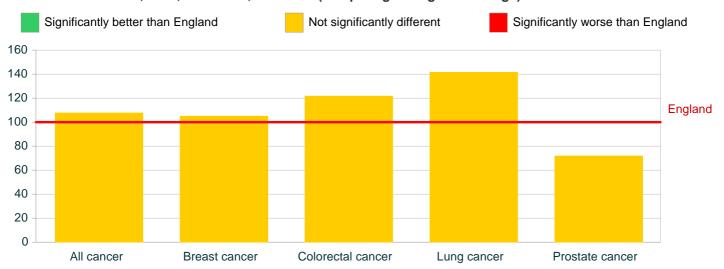
Source: ONS Cancer incidence data, combining cancer registration data from all PHE cancer registration teams

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 | 107.8 | // | 101.4 | 100 |
| Breast cancer | 105.1 | // | 100.8 | 100 |
| Colorectal cancer | 121.8 | // | 106.4 | 100 |
| Lung cancer | 141.6 | // | 114.2 | 100 |
| Prostate cancer | 71.9 | // | 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 | 107 | // | 3,597 | 515,548 |
| Hospital stays for alcohol related harm | 935 | // | 44,164 | 5,560,988 |
| Emergency admissions for hip fracture aged 65+ | 32 | // | 2,277 | 310,435 |
| Elective hospital admissions for hip replacement | 41 | // | 2,608 | 302,413 |
| Elective hospital admissions for knee replacement | 54 | // | 3,320 | 342,546 |

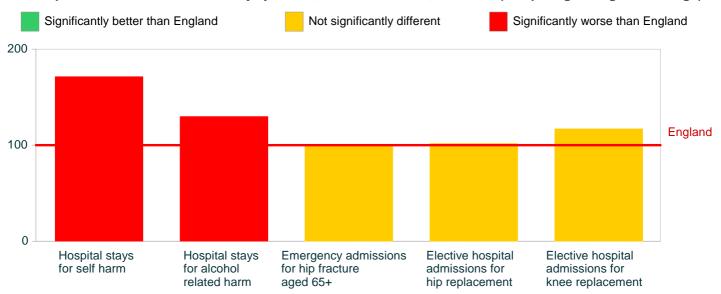
Source: Public Health England, HSCIC © Copyright 2014

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 | 171.3 | // | 125.5 | 100 |
| Hospital stays for alcohol related harm | 129.8 | // | 116.9 | 100 |
| Emergency admissions for hip fracture aged 65+ | 99 | // | 105.7 | 100 |
| Elective hospital admissions for hip replacement | 101.7 | // | 118.4 | 100 |
| Elective hospital admissions for knee replacement | 116.9 | // | 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 | 327 | // | 16,593 | 2,315,661 |
| All cancer | 85 | // | 4,760 | 651,010 |
| All circulatory disease | 87 | // | 4,692 | 686,806 |
| Coronary heart disease | 45 | // | 2,250 | 320,773 |
| Stroke | 18 | // | 1,280 | 178,673 |
| Respiratory diseases | 50 | // | 2,337 | 327,787 |

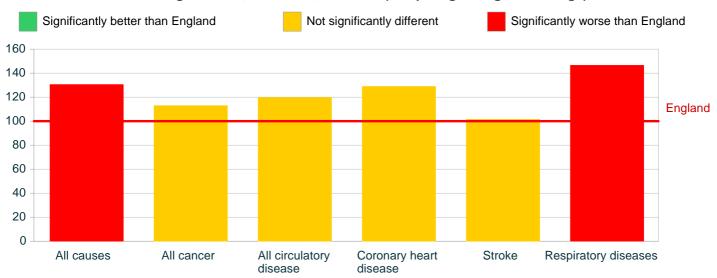
Source: Public Health England, produced from ONS data Copyright © 2014

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 | 130.6 | // | 103 | 100 |
| All cancer | 113 | // | 102.3 | 100 |
| All circulatory disease | 119.7 | // | 98 | 100 |
| Coronary heart disease | 128.9 | // | 99.7 | 100 |
| Stroke | 101.5 | // | 103.6 | 100 |
| Respiratory diseases | 146.5 | // | 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 | 52 | // | 2,558 | 391,312 |
| All causes, aged under 75 | 129 | // | 5,364 | 762,945 |
| All cancer, aged under 75 | 47 | // | 2,290 | 310,211 |
| All circulatory disease, aged under 75 | 30 | // | 1,224 | 176,217 |
| Coronary heart disease, aged under 75 | 16 | // | 721 | 99,575 |

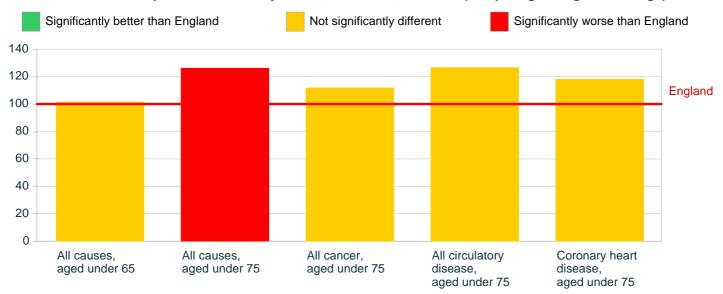
Source: Public Health England, produced from ONS data Copyright © 2014

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 | 101.5 | // | 95.8 | 100 |
| All causes, aged under 75 | 126.1 | // | 98.3 | 100 |
| All cancer, aged under 75 | 111.7 | // | 100.4 | 100 |
| All circulatory disease, aged under 75 | 126.6 | // | 94.9 | 100 |
| Coronary heart disease, aged under 75 | 118.1 | // | 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 | 6 | // | 314 | 45,767 |
| People aged 15 who occasionally smoke | 3 | // | 179 | 25,778 |
| People aged 16-17 who occasionally smoke | 8 | // | 509 | 77,463 |
| People aged 11-15 who regularly smoke | 12 | // | 707 | 98,888 |
| People aged 15 who regularly smoke | 6 | // | 409 | 56,916 |
| People aged 16-17 who regularly smoke | 19 | // | 1,308 | 194,373 |

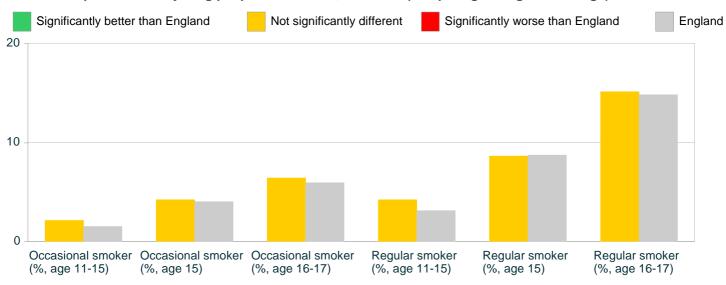
Source: Dept of Geography, University of Portsmouth and Geography and Environment, University of Southampton

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) | 2.1 | // | 1.7 | 1.5 |
| Occasional smoker (%, age 15) | 4.2 | // | 4.7 | 4 |
| Occasional smoker (%, age 16-17) | 6.4 | // | 6.9 | 5.9 |
| Regular smoker (%, age 11-15) | 4.2 | // | 3.9 | 3.1 |
| Regular smoker (%, age 15) | 8.6 | // | 10.7 | 8.7 |
| Regular smoker (%, age 16-17) | 15.1 | // | 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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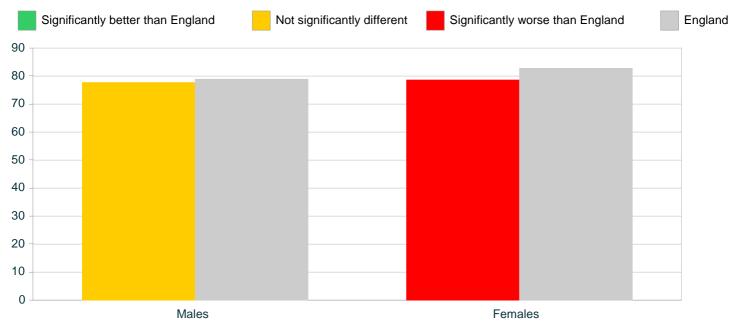
Life expectancy

Life expectancy at birth, years, 2008-2012

| Indicator | Selection | Lower Tier Local Authority () | Upper Tier Local Authority (Northumberland) | England |
|-----------|-----------|-------------------------------------|---|---------|
| Males | 77.7 | // | 78.8 | 78.9 |
| Females | 78.6 | // | 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