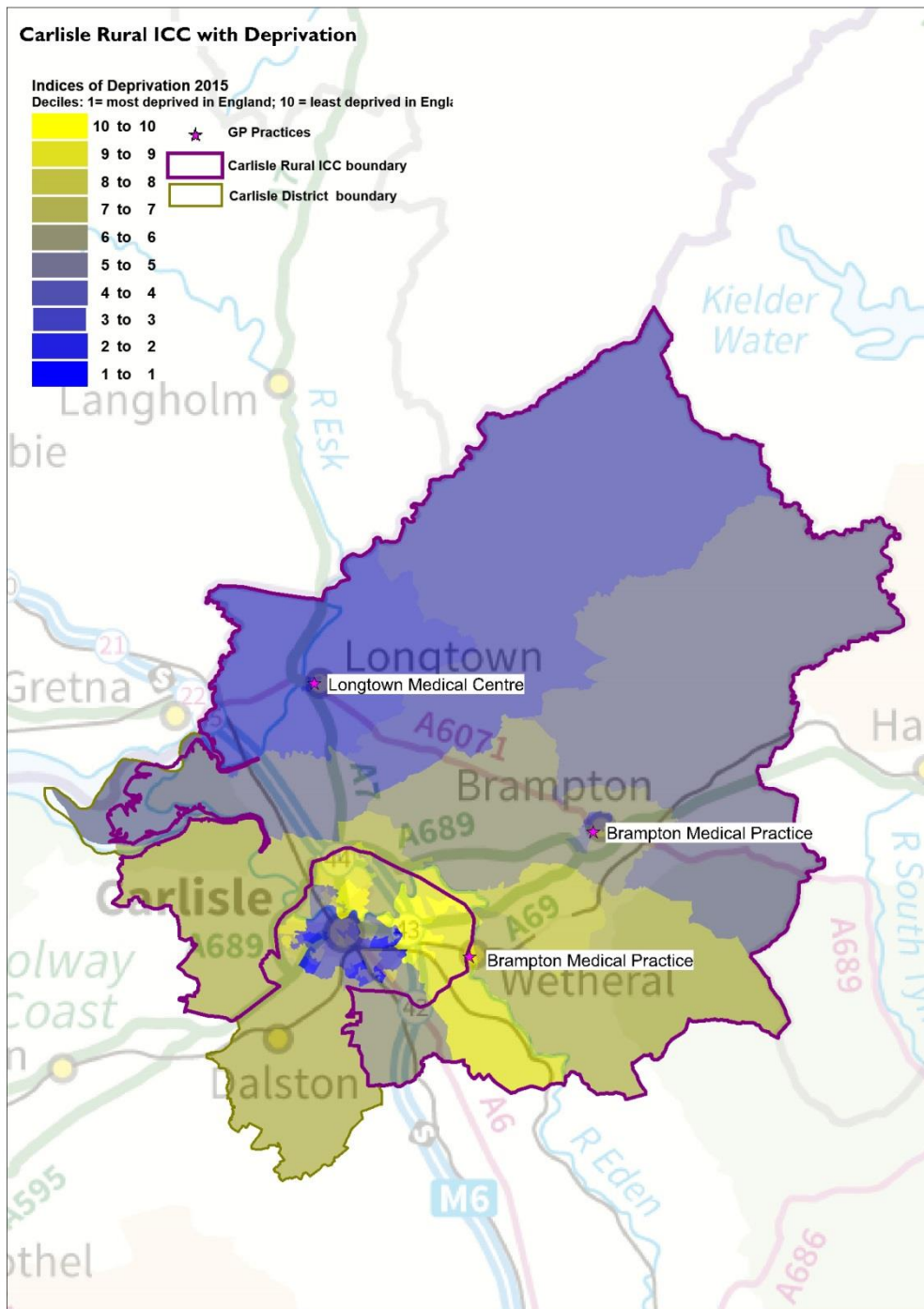


# Carlisle Rural ICC

Figure 1: Carlisle Rural ICC with Indices of Deprivation 2015



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## Key issues

- Older population projected to increase in the district (Carlisle)
- Hospital stays for alcohol related harm worse than national average
- Elective hospital admissions for hip replacement above national average
- Healthy Life Expectancy of females in the district is below the national average
- Greater % of patients on GP Registers with: hypertension; diabetes; asthma; and dementia than the national average

# Carlisle Rural ICC

**Key:** Text in *blue* refers to *registered population*; text in black refers to *resident population*. Where possible, comparisons with North Cumbria have been included; as well as benchmarking data against the England average.

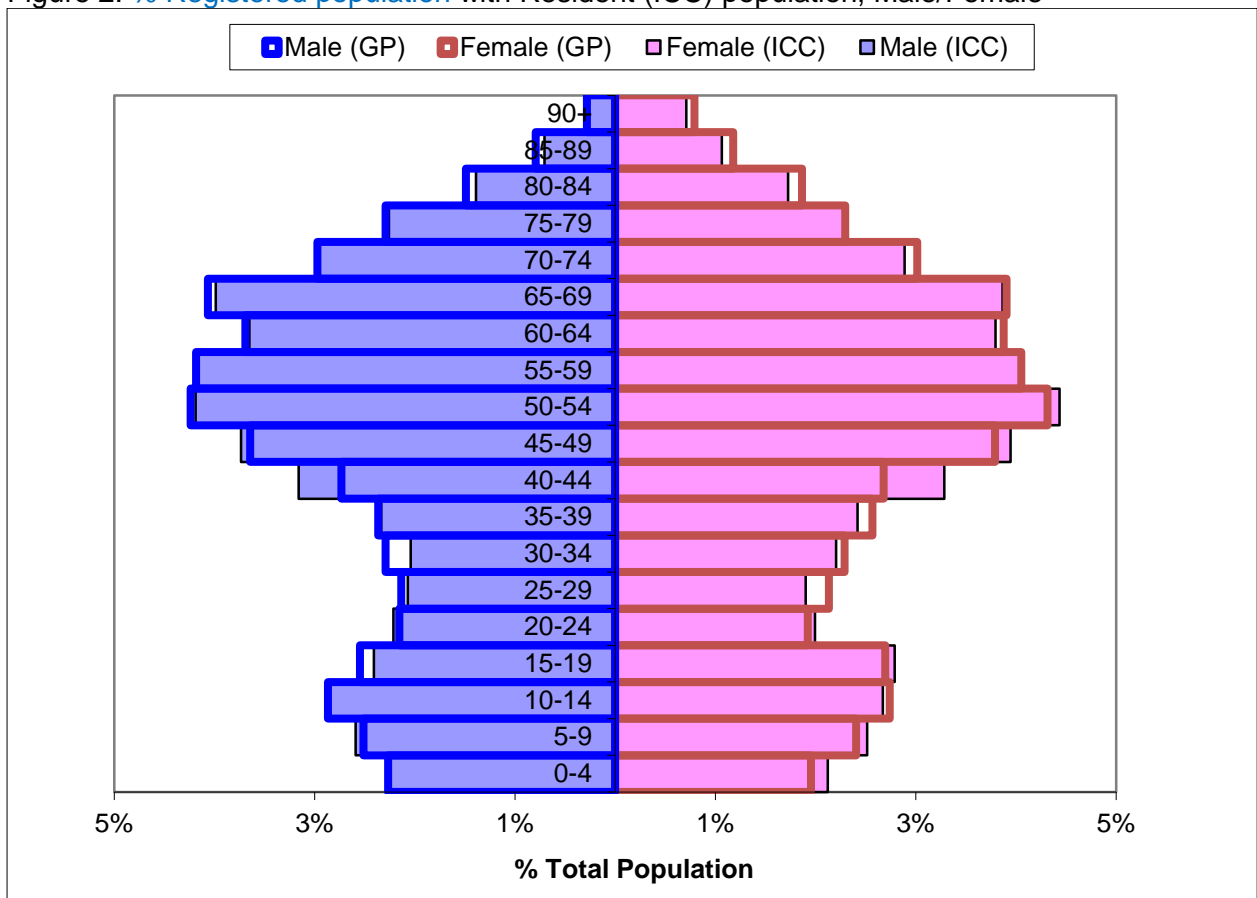
Table 1: Demographics, Carlisle Rural ICC

	<b>ICC</b>
<b>Registered Population (total combined GPs within ICC)</b>	19,074
Mid-Year Population, ONS 2015 (calculations based on % within ICC)	24,249
% 0-19 years	20.2%
% 15-64 years	60.8%
% 65+ years	24.2%
% 85+ years	2.8%
Black and Minority Ethnic (BME) Population (%)	1.0%
Population whose ethnicity is not 'White UK' (%)	2.8%
Proficiency in English (% of people who cannot speak English well or at all)	0.2%
Provision of 1 hour or more unpaid care per week (%)	11.8%
Provision of 50 hours or more unpaid care per week (%)	2.4%

Source: GP Population NHS Digital, July 2016

[https://data.gov.uk/dataset/numbers\\_of\\_patients\\_registered\\_at\\_a\\_gp\\_practice](https://data.gov.uk/dataset/numbers_of_patients_registered_at_a_gp_practice) ; Mid-Year Population Estimates, Office for National Statistics, 2015 <https://www.ons.gov.uk/> ; Census 2011 <https://www.ons.gov.uk/census/2011census>

Figure 2: % Registered population with Resident (ICC) population, Male/Female



Source: GP Population NHS Digital, July 2016; Mid-Year Population Estimates, Office for National Statistics, 2015

## Carlisle Rural ICC

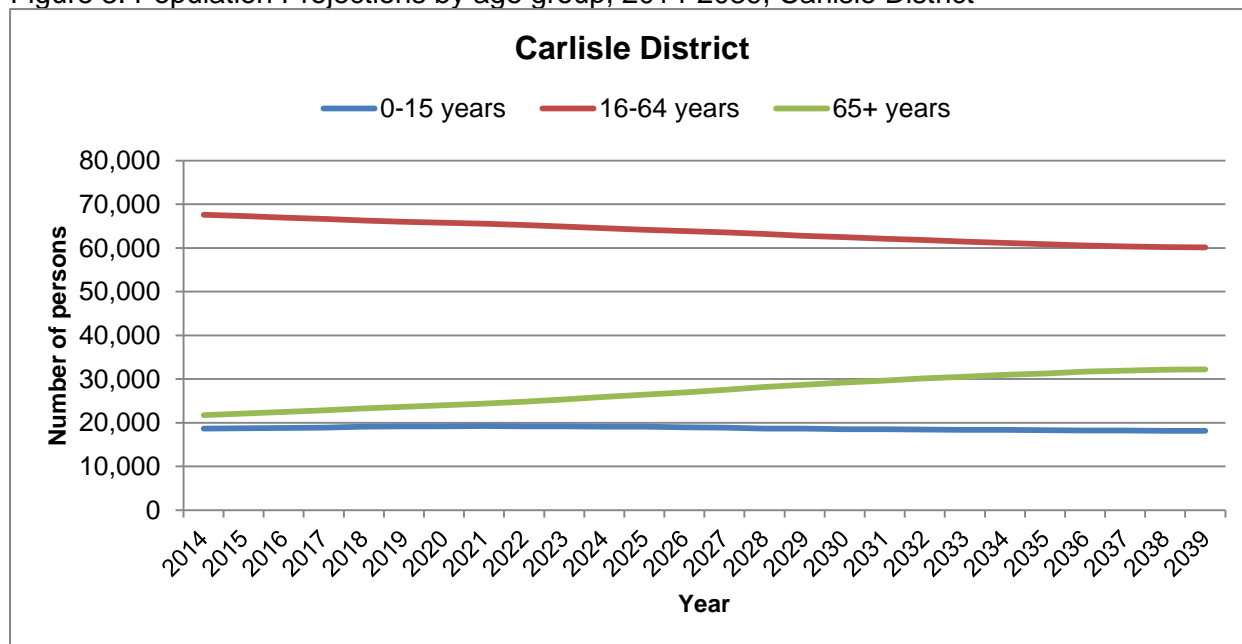
Table 2: Population Projections by age group, 2014-2039, Carlisle District

	Population			Numerical Change		Proportional Change	
	2014	2019	2039	2014-2019	2014-2039	2014-2019	2014-2039
All Ages	108,022	108,849	110,560	827	2,538	0.8	2.3
0-15 years	18,664	19,165	18,161	501	-503	2.7	-2.7
16-64 years	67,615	66,002	60,176	-1,613	-7,439	-2.4	-11
65+	21,743	23,680	32,222	1,937	10,479	8.9	48.2

Source: 2014-Based Sub-National Population Projections, Office for National Statistics

<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationprojections>

Figure 3: Population Projections by age group, 2014-2039, Carlisle District



Source: 2014-Based Sub-National Population Projections, Office for National Statistics

Comparison with England:

● significantly worse ● significantly better ● not significantly different from average

Table 3: Socio-Economic

	Carlisle Rural ICC	North Cumbria	England
Unemployment (%) 2015-16	0.7%	1.5%	1.8%
Long Term Unemployment (Rate/1,000, 16-64 years) 2015-16	0.8	3.9	4.3

Source: Local Health, Public Health England <http://www.localhealth.org.uk/>

Table 4: Lifestyle

	Carlisle Rural ICC	North Cumbria	England
Hospital stays for alcohol related harm (SAR) 2010/11-2014/15	116.8	127.2	100
Obese adults (%) 2006-2008	23.2%	24.6%	24.1%
Binge drinking adults (%) 2006-2008	23.3%	22.1%	20.0%

## Carlisle Rural ICC

Healthy eating adults (%)2006-2008	32.1%	28.1%	28.7%
Inactive < 30 mins moderate physical activity per week (%) (Adults Aged 16+, 2015-2016) (District)	16.9%	(Cumbria) 20.4%	22.0%
Fairly active 30-149 mins moderate physical activity per week (%) (Adults Aged 16+, 2015-2016) (District)	13.6%	(Cumbria) 12.3%	12.6%
Active = 150+ mins moderate physical activity per week (%) (Adults Aged 16+, 2015-2016) (District)	69.5%	(Cumbria) 67.3%	65.4%
Smoking prevalence in adults - current smokers (Adults Aged 18+, 2016) (District)	14.2%	(Cumbria) 15.5%	15.5%

Source: Local Health, Public Health England <http://www.localhealth.org.uk/> and Active Lives Survey <https://www.sportengland.org/research/active-lives-survey/> Public Health Outcomes Framework <http://fingertips.phe.org.uk/>

Table 5: Child health

	<b>Carlisle Rural ICC</b>	<b>North Cumbria</b>	<b>England</b>
Infant Mortality (rate per 1,000 live births) 2013-15 (District)	4.1		3.9
Low Birth Weight Births (%) 2010-14	7.4%	7.1%	7.4%
Child Development at age 5 (%) 2013-14	59.3%	58.2%	60.4%
GCSE Achievement (5A*-C inc. Eng & Maths) (%) 2013-14	64.0%	56.2%	56.6%
Obese Children (Reception Year) (%) 2012/13-2014/15	8.6%	9.9%	9.3%
Children with excess weight (Reception Year) (%) 2012/13-2014/15	23.7%	24.7%	22.2%
Obese Children (Year 6) (%) 2012/13-2014/15	17.4%	20.0%	19.0%
Children with excess weight (Year 6) (%) 2012/13-2014/15	33.5%	35.2%	33.4%
Deliveries to teenage mothers (%) 2010/11-2014/15	N/A		1.2%

Source: Local Health, Public Health England <http://www.localhealth.org.uk/> . For trend data go here: <http://fingertips.phe.org.uk/>

Table 6: Emergency and Elective hospital admissions for hip fractures, Standardised Admission Ratios (SARs), 2010/11 to 2014/15

	<b>Carlisle Rural ICC</b>	<b>North Cumbria</b>	<b>England</b>
Emergency hospital admissions for hip fracture (65+yrs)	111.5	103.7	100
Elective hospital admissions for hip replacement	134.3	122.7	100

Source: Local Health, Public Health England <http://www.localhealth.org.uk/>

Table 7: Cancer incidence, Standardised Incidence Ratios (SIRs), 2010-2014

	<b>Carlisle Rural ICC</b>	<b>North Cumbria</b>	<b>England</b>
Incidence of all cancer	95.4	99.4	100
Incidence of breast cancer	104	101.5	100
Incidence of colorectal cancer	102.8	102.3	100
Incidence of lung cancer	77.3	97.2	100
Incidence of prostate cancer	101	106.3	100

Source: Local Health, Public Health England <http://www.localhealth.org.uk/>

## Carlisle Rural ICC

Table 8: Life Expectancy (Years); mortality and cause of death, Standardised Mortality Ratios (SMRs), 2010-2014

	<b>Carlisle Rural ICC</b>	<b>North Cumbria</b>	<b>England</b>
Life Expectancy at birth - MALE (2013-15) (District)	78.8	(Cumbria) 79.2	79.5
Life Expectancy at birth – FEMALE (2013-15) (District)	82.4	(Cumbria) 82.8	83.1
Healthy Life Expectancy at birth - MALE (2009-13) (District)	63.1	(Cumbria) 63.8	63.5
Healthy Life Expectancy at birth - MALE (2009-13) (District)	64.5	(Cumbria) 65.3	64.8
Deaths from all causes, under 75 years	80.2	104.4	100
Deaths from all cancer, under 75 years	83.0	103.7	100
Deaths from circulatory disease, under 75 years	79.3	103.3	100
Deaths from coronary heart disease, under 75 years	76.3	112.8	100
Deaths from stroke, all ages	100.6	110.9	100
Deaths from respiratory diseases, all ages	107.0	97	100

Source: Local Health, Public Health England <http://www.localhealth.org.uk/>

Table 9: Travel & Transport

	<b>Carlisle Rural ICC</b>	<b>England</b>
No cars or vans in household (%) (2011)	12.2%	25.8%
1+ car(s) or van(s) available in household (%) (2011)	87.8%	74.2%
Average travel times to key services - public transport/walking (mins) 2014 (District)	21.3	17.0
Average travel times to key services - car (mins) 2014 (District)	10.8	10.3

Source: Census 2011 <https://www.ons.gov.uk/census/2011census> ; Department for Transport, 2014. <https://www.gov.uk/government/collections/journey-time-statistics>

Table 10: Disease/condition prevalence. GP Practice Register(s) for diseases/conditions, 2015-16

	<b>Carlisle Rural ICC</b>		<b>CCG</b>		<b>England</b>	
	Number	%	Number	%	Number	%
Hypertension patients	3,153	16.59	83,081	15.92%	7,949,274	13.81%
Diabetes patients	1,261	7.97	31,467	7.27%	3,033,529	6.55%
Asthma patients	1,389	7.31	34,613	6.63%	3,400,679	5.91%
Dementia patients	163	0.86	5,118	0.98%	436,805	0.76%

Source: Quality Outcomes Framework, NHS Digital, 2015-16. <http://content.digital.nhs.uk/qof>

### Health services use

Table 11: Health Services Activity: utilisation numbers and rates (per 1,000 population); year-to-date 2016-17 (to September)

	<b>Number</b>		<b>Rate per 1,000</b>	
	<b>Carlisle Rural ICC</b>	<b>CCG</b>	<b>Carlisle Rural ICC</b>	<b>CCG</b>
Non Elective	805	25,155	37.29	43.86
Total Electives	1,299	34,174	60.17	59.59
Total Outpatient Firsts	1,904	48,664	88.20	84.85
Total Outpatient Subsequent	1,342	49,050	62.17	85.52
Accident & Emergency Consultant Led Only	2,171	69,651	100.57	121.44

Source: NHS North of England Commissioning Support Unit (NECS). Glossary available.

# Carlisle Rural ICC

## Adult Social care

Table 12: Number & rate (per 10,000, 18+ population) of services commissioned, by ICC and Cumbria County Council, during Oct' 2015 – Sep' 2016

	Carlisle Rural ICC		Cumbria	
	Number	Rate	Number	Rate
Residential Care	117	48.2	2,409	48.4
Nursing Care	8	3.3	891	17.9
Homecare	130	53.6	3,850	77.3
Day Services	58	23.9	1,380	27.7
Reablement	72	29.7	2,384	47.9
Assistive Technology (Telecare)	16	6.6	1,221	24.5
Carers Budget/ ISF payments/ Direct payments	111	45.8	2,472	49.6
Total service users	387	159.6	10,826	217.4

Source: Adult Social Care, Cumbria County Council

## Transition from Children Services to Adult Social Care

Table 13: Number of children on the Transition Register by year the child turns 18 years, March 2017

	Year			
	2017	2018	2019	2020
Number of children on the Transition Register	*	*	10	~

Source: Cumbria County Council \*numbers less than 5 have been suppressed

## Mental Health

Table 14: Numbers & rates (per 1,000) of A&E attendances for mental health conditions; NHS Cumbria CCG and GP Practice Based Localities, 2013-14 to 2015-16.

Locality	2013-14		2014-15		2015-16	
	Number	Rate	Number	Rate	Number	Rate
Carlisle (Locality/District)	598	5.8	616	6.0	714	6.9
NHS Cumbria CCG	2,581	4.9	2,690	5.2	3,116	6.0

Source: North of England Commissioning Support (NECS) Information Service. Note: CCG total does not include those unassigned to a locality.

Table 15: Numbers & rates (per 1,000 GP population) of referrals to mental health services, 2015-16

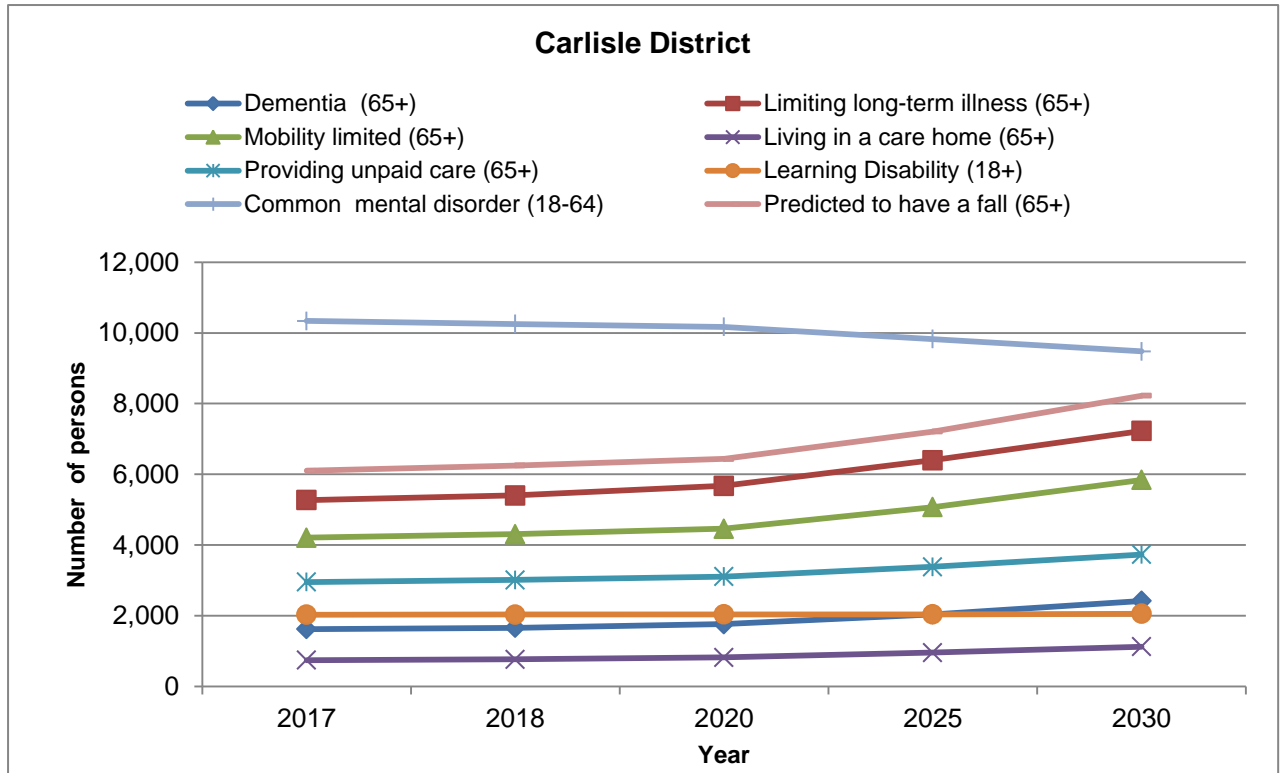
	Total referrals		Admitted		Only Non-Admitted		No Care	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Carlisle Rural ICC	823	43.1	21	1.1	307	16.1	229	12.0
North Cumbria	16,378	50.7	457	1.4	7,355	22.8	3,297	10.2
Cumbria	26,915	51.5	884	1.7	12,349	23.7	5,492	10.5

Source: Cumbria Partnership NHS Foundation Trust

# Carlisle Rural ICC

## Health Projections

Figure 4: Health projections: number of residents with a health condition, Carlisle District, 2017 – 2030



Source: Projecting Older Peoples Population Information (POPPI) <http://www.poppi.org.uk/>; and Projecting Adult Needs and Service Information System (PANSI) <http://www.pansi.org.uk/> [N.B health projections are determined by projected population figures only]

Table 16: Health projections: number of residents with a health condition, Carlisle District, 2017 - 2030

	2017	2018	2020	2025	2030
Dementia (65+)	1,624	1,663	1,764	2,040	2,422
Limiting long-term illness (65+)	5,275	5,403	5,674	6,398	7,228
Mobility limited (65+)	4,209	4,309	4,462	5,074	5,842
Living in a care home (65+)	748	769	824	958	1,126
Providing unpaid care (65+)	2,956	3,016	3,110	3,387	3,735
Learning disability (18+)	2,032	2,035	2,040	2,040	2,060
Common mental disorder (18-64)	10,336	10,252	10,168	9,824	9,476
Predicted to have a fall (65+)	6,101	6,249	6,434	7,208	8,222
Predicted to be admitted to hospital as a result of falls (65+)	477	490	519	599	671

Source: Projecting Older Peoples Population Information (POPPI) <http://www.poppi.org.uk/> ; and Projecting Adult Needs and Service Information System (PANSI) <http://www.pansi.org.uk/>

## Carlisle Rural ICC

### **Falls**

Table 17: Number & rate (per 1,000) of falls call-outs per year; average over period: April 2013 to March 2016

	<b>Number</b>		<b>Rate per 1,000</b>	
	<b>Carlisle Rural ICC</b>	<b>Cumbria</b>	<b>Carlisle Rural ICC</b>	<b>Cumbria</b>
Number of falls call outs (yearly average)	152	7,074	6.3	14.2

Source: Trauma and Injury Intelligence Group (TIIG)/North West Ambulance Service [based on the call out location, not the patient address]

### **Further information**

Further information relating to each indicator for all ICCs, Cumbria and England (where available), including how calculations have been made can be found in the supporting ICC Workbook here: <https://www.cumbriaobservatory.org.uk/health-social-care/health-social-care-further-information/>

Joint Strategic Needs Assessment:

<http://www.cumbriaobservatory.org.uk/health/JSNA/2015/homepage.asp>

It is intended that these profiles will be updated on an annual basis; and will be further developed to include additional sources of data.