



# Population profile

# Research bulletin

## Corporate Research and Information Unit

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## Contact us

If you have any suggestions about how we could improve this bulletin, or if you require further information, please contact us.

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## Next update – autumn 2021

# Population profile for Conwy County Borough – annual research bulletin

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## Introduction

This is the latest monitor in a series which is produced on an annual basis by the Corporate Research and Information Unit.

The bulletin looks at key demographic information for Conwy County Borough, presenting the latest data, historical context and providing some commentary on what the data shows. It outlines some of the main findings in the 2019 mid-year estimates of population and migration for Conwy County Borough, and looks at the 2018-based population projections which were produced by the Welsh Government. New data sources will be added to the profile as they become available. In this bulletin we have updated the future population section with Welsh Government's newly released 2018-based projections.

Appendices showing population at ward (electoral division) and community council level are available at the end of this bulletin.

Most figures in tables have been rounded to the nearest 100 or 50. Counts may not add to totals due to rounding.

**Data in this bulletin is for the period before the onset of the Covid 19 pandemic and therefore does not take account of its impact. Data for 2020 will not be available until mid-2021 at the earliest.**

## Headlines

- The size of the resident population in Conwy County Borough at 30 June 2019 was estimated to be 117,200 people. Between mid-2018 and mid-2019 the total number of people living in the County Borough stayed about the same.
- Since 2009 the population of Conwy County Borough has increased by 2,600, which is 2.3% – an average of about 0.23% per year, though rates of change have not been evenly spread across the period. In the same period the population of Wales increased by 3.8% and the population of the UK grew by 7.3%.
- Between mid-2018 and mid-2019 the change in population in Conwy County Borough was a result of:
  - negative natural change of -550 people (1,000 births and 1,550 deaths);
  - net migration gain of 600 people (about 5,100 people came to Conwy County Borough to live and about 4,500 people left).
- Fertility rates and death rates are both falling, in general.
- However, without migration, the population of Conwy County Borough would decrease as there are more deaths than births in the area every year.
- Over a ten year period, there is average net out-migration of about -300 in the 15-29 age group every year.
- There is average net in-migration of about +350 in the 50-64 age group every year.
- The median age of Conwy County Borough's population is 49.9 years (Wales = 42.5; UK = 40.3). The median age has increased from 46.1 to 49.9 years over the last decade.
- Conwy County Borough's 27.9% of the population aged 65 and over compares to 21.0% in Wales as a whole and 18.5% across the UK.
- By 2039 it is predicted that:
  - if the central growth trend continues Conwy County Borough will have a population of 122,750 – an increase of 5,550 (4.7%) from 2019 mid-year estimate levels.
  - if the low growth variant trend continues Conwy County Borough will have a population of 117,900 – an increase of 700 (0.6%).
  - if the high growth variant trend continues Conwy County Borough will have a population of 126,350 – an increase of 9,150 (7.8%).
  - net increases in the population total will come from in-migration, as natural change alone (births and deaths) would lead to a fall in total.
  - population growth will be in the 65+ age group. The number of people of working age and the population aged under 16 will decline.
- Population density is low, at 1.0 persons per hectare across the County Borough as a whole, but rises to over 30 persons per hectare in some urban areas on the coast.
- The greatest concentrations of people aged 65 and over are in the coastal settlements of Abergele, Towyn, Rhos on Sea, Llandudno (Craig-y-Don, Gogarth and Penrhyn wards), Deganwy and Dwygyfylchi. Craig-y-Don electoral division has the highest proportion of people aged over 65 in its population (39.4%).

- By far the youngest age profile in the County Borough is to be found in the Llysfaen electoral division / community council area, with only 14.3% of the population aged 65+, and 23.3% aged under 16.

## Section 1: Current population

### Latest population estimates

The size of the resident population in Conwy County Borough at 30 June 2019 was estimated to be 117,200 people.

Males:females ratio for Conwy County Borough is 100:105. The Wales ratio is 100:103 (UK ratio is also 100:103). This means we have a greater proportion of women in our population than the national averages.

**Table 1.1: population for Conwy County Borough, 2019**

Source: mid-year estimates of population, Office for National Statistics (ONS)

	Males	Females	Persons
<b>All ages</b>	57,150	60,050	117,200
<b>0-4</b>	2,800	2,550	5,350
<b>5-9</b>	3,150	3,050	6,250
<b>10-14</b>	3,200	3,000	6,200
<b>15-19</b>	2,950	2,700	5,650
<b>20-24</b>	2,700	2,350	5,050
<b>25-29</b>	2,950	2,800	5,750
<b>30-34</b>	2,900	2,900	5,800
<b>35-39</b>	2,900	3,050	5,950
<b>40-44</b>	2,750	2,800	5,550
<b>45-49</b>	3,500	3,750	7,250
<b>50-54</b>	4,100	4,500	8,650
<b>55-59</b>	4,300	4,600	8,950
<b>60-64</b>	3,950	4,250	8,200
<b>65-69</b>	3,900	4,350	8,300
<b>70-74</b>	4,250	4,400	8,650
<b>75-79</b>	3,000	3,200	6,200
<b>80-84</b>	2,000	2,600	4,600
<b>85-89</b>	1,250	1,800	3,050
<b>90+</b>	650	1,350	2,000
<b>0-15</b>	9,800	9,200	19,000
<b>16-64</b>	32,350	33,150	65,500
<b>65+</b>	15,000	17,750	32,750
<b>85+</b>	1,850	3,150	5,050

## Comparative areas

The residents of the County Borough make up 3.7% of the population of Wales, and 0.2% of the population of the UK.

At 27.9% of our population, we have a higher proportion of those aged 65+ within the population than any of our neighbouring authorities, and a much higher rate than the UK average, which is 18.5%. Similar high proportions of the post-pension age population are only found in areas known to be retirement locations, such as the south west coast of England.

The high proportion of elderly within our population also leads to the proportions of children (aged 0-15) and residents of working age (aged 16-65) being significantly below Wales and UK averages.

**Table 1.2: population for comparative areas, 2019**

Sources: mid-year estimates of population, ONS

	Total population	Males	Females	Aged 0-15	Aged 16-64	Aged 65+
<b>Conwy CB</b>	117,200	48.8%	51.2%	16.2%	55.9%	27.9%
<b>Isle of Anglesey</b>	70,050	49.3%	50.7%	17.2%	56.6%	26.2%
<b>Gwynedd</b>	124,550	49.6%	50.4%	16.7%	60.5%	22.8%
<b>Denbighshire</b>	95,700	49.3%	50.7%	18.1%	57.6%	24.3%
<b>Flintshire</b>	156,100	49.3%	50.7%	18.5%	60.3%	21.2%
<b>Wrexham</b>	135,950	50.3%	49.7%	19.2%	60.6%	20.2%
<b>Wales</b>	3,152,900	49.3%	50.7%	17.9%	61.1%	21.0%
<b>Great Britain</b>	64,903,150	49.4%	50.6%	19.0%	62.5%	18.6%
<b>United Kingdom</b>	66,796,800	49.4%	50.6%	19.0%	62.5%	18.5%

## Change over time

Between mid-2018 and mid-2019 the total number of people living in the County Borough stayed about the same. The population of the County Borough usually increases slightly year-on-year.

Since 2009 the population of Conwy County Borough has increased by 2,600, which is 2.3% – an average of about 0.23% per year, though rates of change have not been evenly spread across the period. In the same period the population of Wales increased by 3.8% and the population of the UK grew by 7.3%.

There is more information about change over time (including population pyramids) in section 4 of this bulletin.



**Table 1.3: population estimates 1981-2019**

Sources: mid-year estimates of population, ONS; Census of population, ONS

Year	Conwy CB	Wales	GB	UK
1981	98,950	2,813,500	54,814,500	56,357,450
1986	101,400	2,810,950	55,110,350	56,683,850
Census 1991*	106,300	2,835,050	54,888,850	-
1991	107,950	2,873,000	55,831,350	57,438,650
1996	107,900	2,891,300	56,502,600	58,164,350
Census 2001*	109,600	2,903,100	57,103,900	58,789,200
2001	109,650	2,910,250	57,424,200	59,113,000
2006	113,000	2,985,650	59,083,950	60,827,050
Census 2011*	115,250	3,063,450	61,371,300	63,182,100
2011	115,350	3,063,750	61,470,850	63,285,150
2012	115,550	3,074,050	61,881,400	63,705,050
2013	115,900	3,082,400	62,275,950	64,105,650
2014	116,400	3,092,050	62,756,250	64,596,750
2015	116,450	3,099,100	63,258,400	65,110,050
2016	116,800	3,113,150	63,785,900	65,648,050
2017	116,850	3,125,150	64,169,400	66,040,250
2018	117,200	3,138,650	64,553,900	66,435,550
2019	117,200	3,152,900	64,903,150	66,796,800
<b>Change 2009-2019</b>	2.3%	3.8%	7.3%	7.3%
<b>Change 2018-2019</b>	0.0%	0.5%	0.5%	0.5%

\* Census population counts were taken on 21<sup>st</sup> April 1991, 29<sup>th</sup> April 2001 and 27<sup>th</sup> March 2011, therefore numbers will not exactly match those for the 1991, 2001 and 2011 mid-year population estimates, which were for June 30<sup>th</sup>.

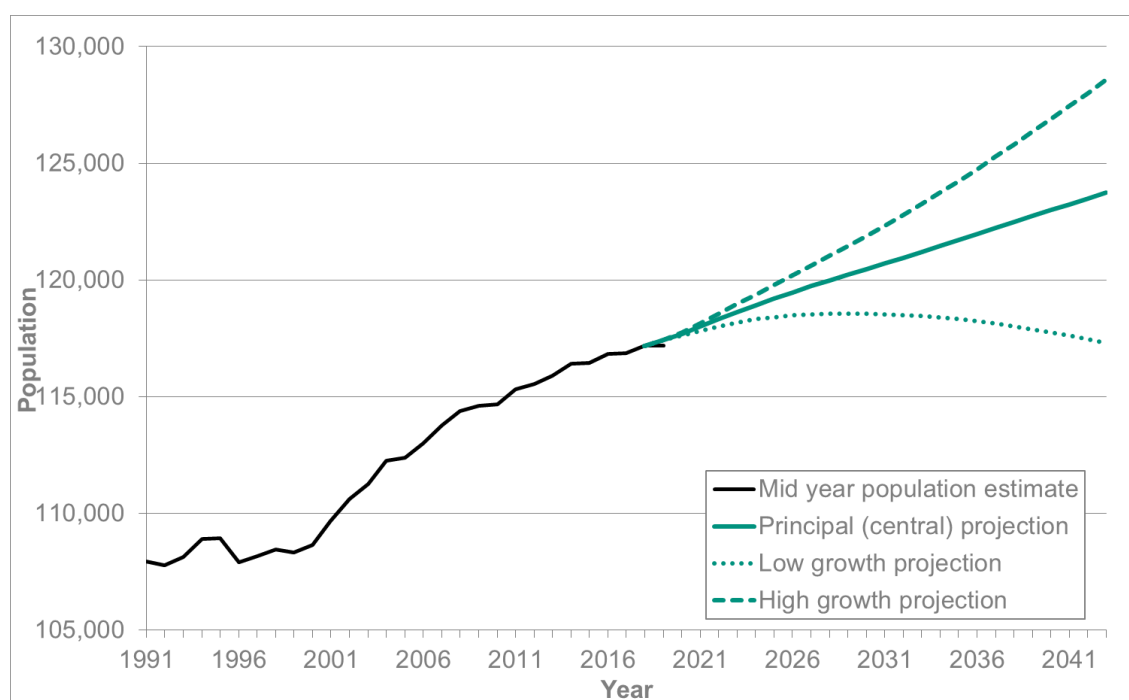
## Section 2: Future population

Population projections look at past and current population trends and try to predict what the population might look like in the future if these trends continue. In 2020 the Statistical Directorate of Welsh Government produced a set of projections based on the characteristic of the population at unitary authority level in 2018.

### 2018-based population projections

#### Chart 2.1: population estimates and projections for Conwy County Borough, 1991-2043

Sources: mid-year estimates of population, ONS; 2018-based sub national population projections, Welsh Government



Welsh Government has produced a number of variant projections, based on different assumptions about the characteristics of future population growth. The principal (central) projection is based on a 5 year migration trend, and is used in calculating populations in the standard spending assessment calculations that determines Welsh Government budget allocations for local authorities in Wales, which are agreed on a 3-year cycle. Two other projections, or 'variant' projections, are also available alongside the principal projection<sup>1</sup>. They are based on alternative future scenarios of fertility, mortality and migration compared with the principal projection. Variant projections include a 'low population' variant<sup>2</sup>, and a 'high population'<sup>3</sup> variant. Projections for the UK use a 5 year migration trend.

The principal and high growth variant projections both see the population of Conwy CB growing each year until the end of the projection period (2043). The low growth

<sup>1</sup> These provide an indication of uncertainty, but do not represent upper or lower limits of future demographic behaviour.

<sup>2</sup> Based on low fertility, life expectancy and migration assumptions.

<sup>3</sup> Based on high fertility, life expectancy and migration assumptions.

variant projects the population of Conwy CB increasing slightly each year until 2029, after which the population total will fall.

By 2039 it is predicted that:

- if the central growth trend continues Conwy County Borough will have a population of 122,750 – an increase of 5,550 (4.7%) from 2019 mid-year estimate levels. Conwy CB is predicted to make up 3.6% of Wales' population and just under 0.2% of the UK population, which is similar to the current figures. The population is predicted to grow by 4.2% in Wales as a whole in the same period, and by 7.3% across the UK.
- if the low growth variant trend continues Conwy County Borough will have a population of 117,900 – an increase of 700 (0.6%).
- if the high growth variant trend continues Conwy County Borough will have a population of 126,350 – an increase of 9,150 (7.8%).

**Table 2.1: population projections 2019-2039**

Sources: mid-year estimates of population, ONS; 2018-based sub national population projections, Welsh Government, 2018-based national population projections, ONS

	Conwy CB principal	Conwy CB low growth	Conwy CB high growth	Wales principal	UK principal
<b>2019 (mid year estimate)</b>	117,200	117,200	117,200	3,152,900	66,796,800
<b>2024</b>	118,900	118,300	119,400	3,185,850	68,413,850
<b>2029</b>	120,250	118,550	121,450	3,222,650	69,624,050
<b>2034</b>	121,450	118,400	123,750	3,254,600	70,667,700
<b>2039</b>	122,750	117,900	126,350	3,284,300	71,641,700
<b>Change 2019-2039</b>	4.7%	0.6%	7.8%	4.2%	7.3%
<b>Ave. annual change</b>	0.2%	0.0%	0.4%	0.2%	0.4%

## Limitations of population projections

**Table 2.2: comparing population projections with population estimates**

Sources: mid-year estimates of population, ONS; 2018-based sub national population projections, Welsh Government; 2018-based national population projections, ONS

	Conwy CB principal	Conwy CB low growth	Conwy CB high growth	Wales principal	UK principal
<b>2019 population estimate</b>	117,200	117,200	117,200	3,152,900	66,796,800
<b>Projected population 2019</b>	117,400	117,400	117,400	3,146,150	66,832,800
<b>Difference</b>	200	200	200	-6,700	36,000
<b>% difference</b>	0.2%	0.2%	0.2%	-0.2%	0.1%

Projections are only one possible future .They are based on past trends – projections only take what has happened in the past and see what would happen if those trends continue. And if the period from which the trend is measured is anomalous, it may not give the full picture (see ‘Migration’ in section 3 below).

Projections can therefore become ‘out of date’ quite quickly. The last set of projections was produced for 2018, and the next set of official population projections (which will probably use 2021 data) are not due to be released before 2023. However, population estimates are produced every year. Though projections and population estimates ‘matched’ at 2018, by the time the 2019 estimates were produced there were slight variances between what the projections predicted for our population and what ONS estimate the count to be.

No policy elements are included in the projections, even if these are already known about.

Projections are not an ultimate truth – many factors we can’t control or don’t know about will affect population dynamics: the recent global pandemic and the migration of Eastern European workers following EU accession could not have been predicted, for example, yet both have had an impact on population flows. We can even influence the future by our own decisions. Approval for the development of employment land could attract workers and their families to the area, for example.

There is more information about the age structure of future populations in section 4 of this bulletin.

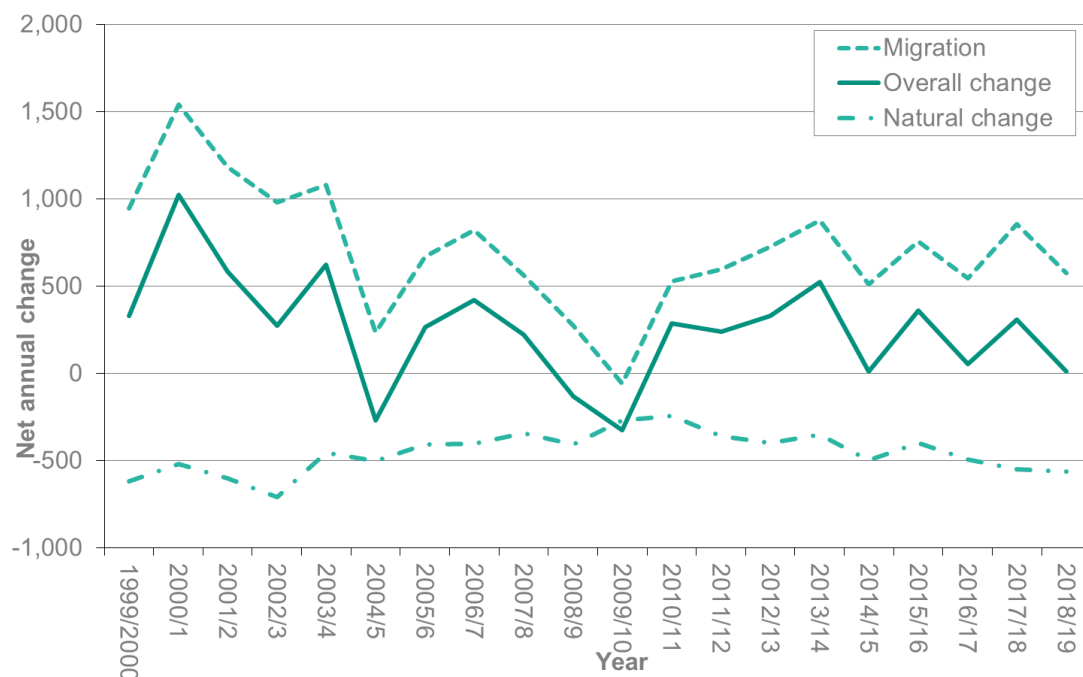
## Section 3: Components of population change

Between mid-2018 and mid-2019 the change in population in Conwy County Borough was a result of:

- negative natural change of -550 people (1,000 births and 1,550 deaths);
- net migration gain of 600 people (about 5,100 people came to Conwy County Borough to live and about 4,500 people left).

**Chart 3.1: components of population change, 1999/2000 to 2018/19**

Source: components of population change, Population Estimates Unit, ONS



The population of the County Borough does not replace itself naturally. With deaths over a ten year period at an average of 1,500 each year and births at just 1,100 the population of Conwy CB would decrease by around 400 persons per year if there were no net in-migration into the area.

The number of births and deaths remain relatively stable year-on-year. Migration is a much more volatile component of population change, which is difficult to measure and even harder to predict.

**Table 3.1: components of population change**

Source: components of population change, Population Estimates Unit, ONS

	Mid-2018 to mid-2019	Mid-2009 to mid-2019
<b>Population at start of period (A)</b>	<b>117,200</b>	<b>114,600</b>
Add births	1,000	11,000
Subtract deaths	1,550	15,100
<b>Natural change (a)</b>	<b>-550</b>	<b>-4,100</b>
Add in-migration	5,100	50,600
Subtract out-migration	4,500	44,700
<b>Net migration (b)</b>	<b>600</b>	<b>5,900</b>
<b>Other changes (c)*</b>	<b>0</b>	<b>800</b>
<b>Total change (B) (a + b + c)</b>	<b>0</b>	<b>2,600</b>
<b>Population at end of period (A+B)</b>	<b>117,200</b>	<b>117,200</b>

\*other changes include adjustments for unattributable changes between Censuses

All figures have been rounded to the nearest 50. Counts may not add to totals due to rounding.

## Births and fertility

In 2019 1,000 babies were born to residents of Conwy County Borough, which was about the same as in 2018.

**Table 3.2: births and fertility 2019**

Source: vital statistics table VS1, ONS

	Conwy CB	Wales	England and Wales
<b>Total live births</b>	1,000	29,700	640,350
<b>M:F ratio (2018)</b>	1.06	1.05	1.06
<b>Crude birth rate</b>	8.6	9.4	10.8
<b>GFR</b>	61.0	53.3	57.5
<b>TFR</b>	1.83	1.54	1.65

**Note:** this data is for the calendar year 2019 and is not directly comparable with the data in table 3.1, which is for mid-year to mid-year 2018/19

### Definitions

Crude birth rate = per 1,000 residents.

General Fertility Rate (GFR) is the number of live births per 1,000 women aged 15-44.

Total Fertility Rate (TFR) is the average number of live children that a group of women would bear if they experienced the age-specific fertility rates of the calendar year.

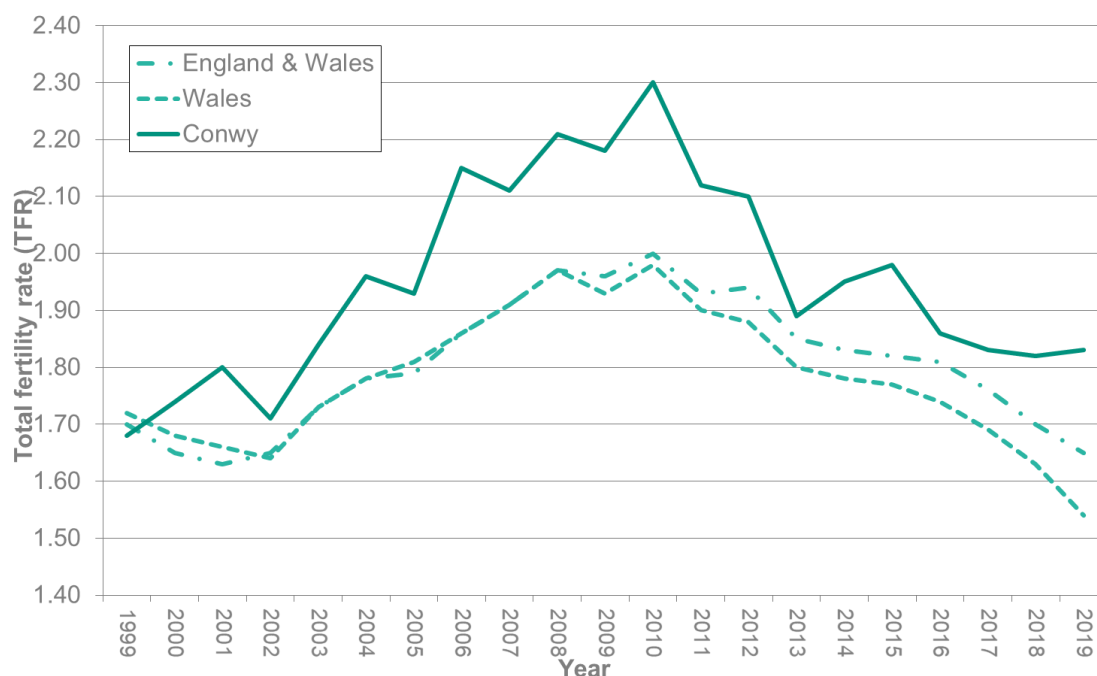
After a long period of decline, fertility levels in England and Wales started to rise in the early 2000s. However, in the 2010s they started to fall again, and it is thought the period of increase may have been a one-off blip caused by the cultural shift of a generation of women choosing to delay child bearing until their late 20s/early 30s.

Fertility levels in Conwy CB have broadly followed this trend, and it is estimated that with the current pattern of fertility the “average” woman will have 1.83 children in her lifetime. This is above the Welsh and England and Wales averages, but is well below the level at which the population naturally replaces itself (2.07 TFR).

Despite higher fertility rates amongst women of child bearing age, the crude birth rate (birth rate compared to total population) in Conwy CB is well below the national averages, due to the older age structure overall within the County Borough.

### Chart 3.2: fertility rates, 1999-2019

Source: vital statistics table VS1, ONS



## Deaths and mortality

1,550 residents of Conwy County Borough died in 2019. This was around 100 fewer deaths than in 2018.

The overall death rate in Conwy County Borough has fallen in the last year, and the 10 year comparison was 13.4 deaths per 1,000 population in 2019 compared to 13.2 deaths per 1,000 population in 2009. The rate is high when compared to Wales, and England & Wales averages. This is due to the older age structure of our population.

The standardised mortality ratio, which takes account of differing age structures in different areas, shows that the County Borough’s death rate is low when compared to the Welsh average.

**Table 3.3: mortality 2019**

Source: vital statistics table VS1, ONS

	Conwy CB	Wales	England and Wales
<b>Deaths</b>	1,550	33,200	530,800
<b>Males</b>	750	16,600	265,300
<b>Females</b>	800	16,600	265,500
<b>SMR</b>	95	108	100
<b>Crude death rate</b>	13.4	10.5	8.9

**Note:** this data is for the calendar year 2019 and is not directly comparable with the data in table 3.1 which is for mid-year to mid-year 2018/19

**Definitions**

Crude death rate = per 1,000 residents.

Standardised mortality rate (SMR) is observed deaths as % of expected deaths (expected = number that would occur if the population of the area experienced the age/sex mortality rates of England and Wales). An SMR higher than 100 shows a higher death rate than the England & Wales average and an SMR lower than 100 a lower death rate than the England & Wales average.

Though life expectancy at birth is similar to the UK figures for both males and females, by the time residents of Conwy County Borough reach the age of 65 their life expectancy is above UK averages, and considerably higher than those for Wales as a whole. This improvement by age 65 is particularly noticeable for males, whose life expectancy at age 65 is only 2.5 years less than that for females (at birth the gap between males and females is 4.1 years).

Over time, life expectancy is improving for all groups, though the rate of improvement has slowed considerably in the last few years.

**Table 3.4: life expectancy**

Source: period life expectancy tables, ONS

	Conwy CB		Wales		United Kingdom	
	2006-2008	2016-2018	2006-2008	2016-2018	2006-2008	2016-2018
<b>Male - at birth</b>	77.0	78.8	76.9	78.3	77.4	79.3
<b>Male - at age 65</b>	17.5	19.1	17.0	18.2	17.4	18.7
<b>Female - at birth</b>	81.5	82.8	81.2	82.3	81.6	82.9
<b>Female - at age 65</b>	20.5	21.6	19.8	20.6	20.0	21.0
<b>Difference between male and female at birth</b>	4.5	4.1	4.3	4.0	4.2	3.6
<b>Difference between male and female at age 65</b>	3.0	2.5	2.7	2.4	2.6	2.3

**Note:** life expectancy at birth is for babies born in that period, and life expectancy at age 65 is the additional years of life that someone aged 65 would expect to have.



## Migration

Migration is the component of population change which has the biggest impact in the County Borough. Without a net gain of in-migrants, the population would not naturally replace itself and the number of people living in the area would decline each year, as there are about 400 more deaths than births in the area every year. However, migration levels fluctuate year by year, are difficult to measure and hard to predict.

Between mid-2018 and mid-2019 Conwy County Borough experienced net migration gain of 600 people (about 5,100 people came to Conwy County Borough to live and about 4,500 people left). Net migration was about 250 fewer people than in the previous year.

Over the past 10 years average annual net migration has been about 600 persons into Conwy CB each year. Migration is, however, a volatile component of population change and has fluctuated between a net figure of -50 and +1,550 persons over the past 20 years. This can be a particular problem when using migration to help predict population change in the future. The set of years selected to provide a past trend can produce very different results, as seen in the table below.

**Table 3.5: annual average net migration for Conwy County Borough over selected five year periods**

Source: ONS components of population change for mid-year population estimates

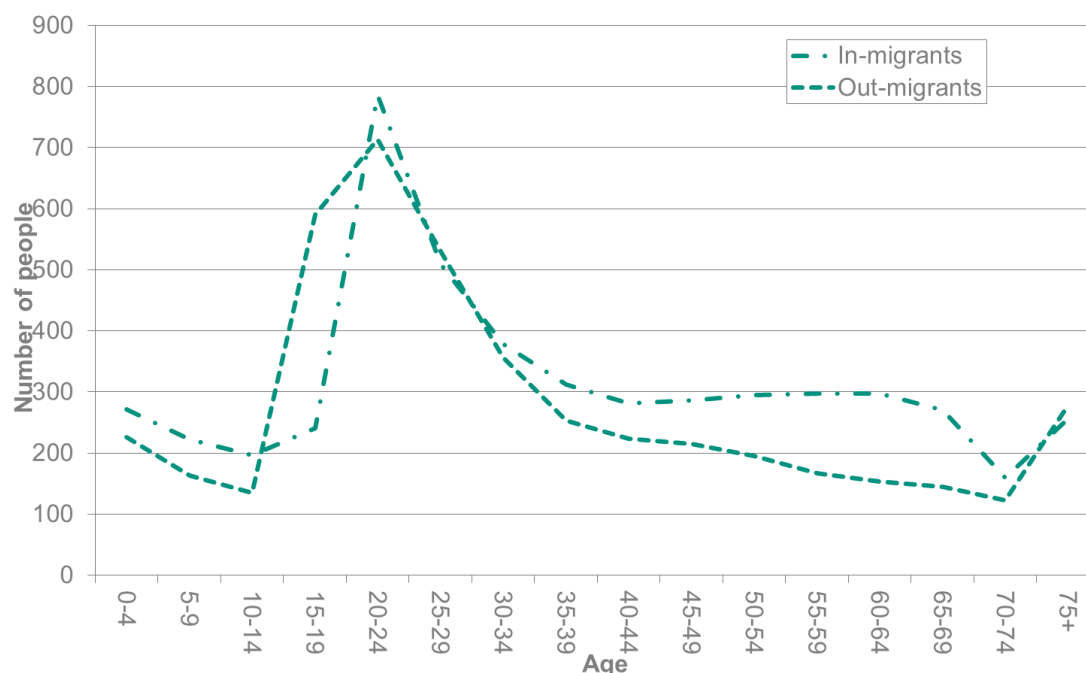
	Annual average net migration
<b>Mid 2014-mid 2019 – most recent annual average</b>	630
<b>Mid 2007-mid 2012 – lowest annual average</b>	400
<b>Mid 1999-mid 2004 – highest annual average</b>	1,150

To smooth out some of this fluctuation, when looking at the age structure of migrants we have used a 10 year average. The relative age structure of migrants is actually much more stable than the total counts of in- or out-flows, so the ten year average gives a good indication of the pattern of migration.

Most age groups see a net gain of population due to more in-migration than out-migration. However, there is a big rise in out-migration in the 15-29 age groups. There is no higher education institution in Conwy County Borough, so most people wanting to go on to university or other higher education at age 18 have to leave the area. This is also the age group which is mostly likely to be economically and socially mobile, seeking work and other social opportunities outside the area. This age group has become increasingly mobile in recent years so the size and impact of their out-migration has grown. As a 10 year average, 15-29 year olds account for 41% of out-migrants.

### Chart 3.3: average age profile of migrants in Conwy County Borough, 2009/10 to 2018/19

Sources: internal and international migration flow data, ONS



The spike in the age profile for in-migrants in the 20-24 age group suggests that some of these young people return to the area when they have finished higher education. However, not all of those who leave in their late teens or twenties come back to the area, and this accentuates the older than average age profile of our population structure. About 1,850 people in the 15-29 age groups leave Conwy County Borough each year, and only about 1,550 move in.

### Table 3.6: proportion of migration in Conwy County Borough, by age group (average 2009/10 to 2018/19)

Sources: internal and international migration flow data, ONS

	In-migrants	Out-migrants
<b>Total migrants</b>	5,050	4,450
<b>Aged 0-14</b>	13.6%	11.7%
<b>Aged 15-29</b>	30.3%	41.1%
<b>Aged 30-49</b>	24.9%	23.5%
<b>Aged 50-64</b>	17.6%	11.5%
<b>Aged 65+</b>	13.6%	12.2%
<b>Aged 75+</b>	5.1%	6.2%

Though there is net in-migration of people in their 30s to 40s, it does not balance out this net loss of young adults, and leads to an imbalance in our population structure.

There is more information on this in section 4 of this report, which looks at the age profile of the county Borough.

There is a bulge in in-migration in the pre-retirement age groups – those aged 50 to 64 make up about 18% of in-migrants. In the last 10 years, net migration in that age group has been an average annual gain of 350 persons. There is also net migration gain in the 65-69 age group. On average, from ages 70 onward in-migration and out-migration are balanced.

Migration is affected by many factors over which we have no control at a local level, such as national economic policy or social trends towards overseas retirement. Unforeseen or one-off events can also have a significant impact on migration, such as the influx of economic migrants from Eastern Europe which was seen after EU accession in 2004 or the slow-down in both internal and international migration after the 2008 economic downturn. It is also difficult to predict what the impact on population movement might be from events we know about, such as Brexit. The 2020 Covid-19 pandemic will certainly have an impact on migration as people are much less mobile than previously, though we don't know what the long term effects on migration patterns – both internationally and within the UK – may be. We therefore need to be careful when trying to interpret trends in migration.

## Section 4: Age profile

The median age (the age at which half the population is older and half is younger) of Conwy County Borough's population is 49.9 years. The current median age for Wales is 42.5 and 40.3 for the UK. This means our population is significantly older than for Wales and for the UK. The median age has increased from 46.1 to 49.9 years over the last decade.

**Table 4.1: median age, dependency ratios and male:female ratios, 2019**

Source: mid-year estimates of population, ONS

	Conwy	Wales	UK
<b>Median age</b>	49.9	42.5	40.3
<b>Dependency ratio</b>	79.0	63.6	60.1
<b>Male:female ratio</b>	105.1	102.8	102.5
<b>Aged 0-15</b>	93.6	95.2	95.1
<b>Aged 16-64</b>	102.5	100.6	100.5
<b>Aged 65+</b>	118.3	116.8	118.9
<b>Aged 85+</b>	170.2	171.5	171.6

### Definitions

Median age. – the age at which half the population is older and half is younger.

Dependency ratio – number of people within the population who are not of working age for each 100 people of working age. Working age population is defined as those aged 16 to 64.

Male:female ratio – number of females in the population for every 100 males

**Table 4.2: broad age groups for population in Conwy County Borough**

Sources: mid-year estimates of population, ONS; 2018-based sub national population projections (principal projection), Welsh Government

	2009	2019	2029	2039
<b>Number</b>				
<b>Total population</b>	114,600	117,200	120,250	122,750
<b>Aged 0-15</b>	19,300	19,000	18,200	17,700
<b>Aged 16-64</b>	67,900	65,500	63,950	61,700
<b>Aged 65+</b>	27,450	32,750	38,100	43,400
<b>Aged 85+</b>	4,150	5,050	5,850	7,800
<b>As percentage total population</b>				
<b>Total population</b>	100.0%	100.0%	100.0%	100.0%
<b>Aged 0-15</b>	16.8%	16.2%	15.1%	14.4%
<b>Aged 16-64</b>	59.2%	55.9%	53.2%	50.2%
<b>Aged 65+</b>	23.9%	27.9%	31.7%	35.3%
<b>Aged 85+</b>	3.6%	4.3%	4.9%	6.4%

Analysis of the age and gender structure of population is provided below, as commentary and also as annotated population pyramids. The analysis looks at past, current and future populations. Future populations are calculated using the principal projection from Welsh Government's 2018-based sub national population projections. Data for other age groups is available on request.

## Children

Children are defined as those in the population aged under 16.

In 2019 there were 19,000 people aged under 16 in Conwy County Borough.

- Between 2018 and 2019 the number of people in the population aged under 16 fell by -0.1%. In the ten-year period between 2009 and 2019 the number of people aged under 16 decreased by about 300 people, a fall of -1.5%.
- The number of children in the population has been declining steadily over the past decade or so, reflecting both the decline in number of babies born in the late 1990s / early 2000s, and a return to this lower birth rates trend in the past seven years or so.
- This age group makes up 16.2% of the population, compared to 16.2% in 2018 and 16.8% in 2009. By 2039 it is projected that they will make up only 14.4% of the population.
- Conwy County Borough's 16.2% of the population aged under 16 compares to 17.9% in Wales as a whole and 19.0% across the UK.
- Males:females ratio for children in Conwy County Borough is 100:93.6. This is comparable to the ratios for Wales and the UK. This ratio is not quite equal, as more baby boys are born than baby girls.

Welsh Government's 2018-based projections predict that the number of children within Conwy will:

- increase slightly between mid-2019 and mid-2021;
- begin to decrease from mid-2022
- The number of people aged under 16 in Conwy County Borough's population is expected to be about 17,700 by 2039. This is a decrease of -1,300 (-6.9%) on 2019 figures.

The general trend towards declining population in this age group is due to the number of births in any given year being smaller than the number of children turning 16 and leaving this age group.

## Working age population (16-64)

Working age population is defined as those aged 16 to 64. (The nationally recognised definition of this age group has recently been changed to take account of proposed changes to the state pension age for women. If making comparisons with earlier reports 'working age population' may refer to a slightly different age group).

In 2019 there were 65,500 people of working age in Conwy County Borough.

- Between 2018 and 2019 the number of people of working age decreased by -0.8%. In the ten-year period between 2009 and 2019 the number of people of working age decreased by -2,400 people, a fall of -3.6%.
- This age group makes up 55.9% of the population, compared to 56.3% in 2018 and 59.2% in 2009. By 2039 it is projected that they will make up 50.2% of the population.
- Conwy County Borough's 55.9% of the population aged 16-64 compares to 61.1% in Wales as a whole and 62.5% across the UK. This is relatively low, and leads to a high dependency ratio – that is, the ratio of people of working age to those who are theoretically 'dependent' on that working age population. In 2019 the dependency ratio in Conwy CB was 100:79.0. In Wales this was 100:63.6 (UK ratio is 100:60.1). A high dependency ratio can put strain on the local economy and on the resources needed to provide social care.
- Males:females ratio for this age group is 100:102.5; for Wales as a whole and for the UK the ratio is 100:100.6 and 100:100.5 respectively.

Welsh Government's 2018-based projections predict that the number of people of working age within Conwy County Borough will:

- decrease every year to 2038 and then increase slightly.
- The number of people of working age in Conwy County Borough's population is expected to be about 61,700 by 2039. This is a decrease of -3,800 (-5.8%) on 2019 figures.

The number of people in the working age population group is particularly affected by the out-migration of young adults in the 18-24 age group and the large post-Second World War 'baby boomers' cohort moving out of the working age group as they reach retirement age.

## Aged 65 and over

In 2019 there were 32,750 people aged 65 and over in Conwy County Borough.

- Between 2018 and 2019 the number of people aged 65 and over in the population increased by 1.8%. In the ten-year period between 2009 and 2019 the 65+ age group increased by 5,300 people, a rise of 19.3%.

- This age group makes up 27.9% of the population, compared to 27.4% in 2018 and 23.9% in 2009. By 2039 it is projected that they will make up 35.3% of the population.
- Conwy County Borough's 27.9% of the population aged 65 and over compares to 21.0% in Wales as a whole and 18.5% across the UK. Similar high proportions of the post-retirement age population are only found in areas known to be retirement locations, such as the south west coast of England.
- The high proportion of older people within our population also leads to the proportions of children (aged 0-15) and residents of working age (aged 16-64) being significantly below Wales and UK averages. It is also the biggest factor in our high dependency ratio.
- Males:females ratio for this age group is 100:118.3. This is slightly lower than the rate for the UK (100:118.9) and higher than that for Wales as a whole (100:116.8). By 2039 this ratio is expected to drop to 100:114.7 for the County Borough, as male survival rates improve.

The number of people aged 65 and over within Conwy County Borough is projected to:

- increase continually until mid-2043 (end of the projection period). The rate of increase will be highest between mid-2024 to mid-2031 (almost 15%). The rate of growth will slow significantly in the late 2030s.
- The number of people aged 65 and over in Conwy County Borough's population is expected to be about 43,400 by 2039. This is an increase of 10,650 (32.5%) on 2019 figures.

The increase in the number of people aged over 65 is mainly due to two factors; firstly improvements in mortality rates mean people are living longer; and secondly the ageing on of the large 'baby boom' cohort born after the Second World War. By the end of the projections period this age group will also include the cohort from the second 'baby boom' of the early 1960s.

## Very elderly

Very elderly are defined as those in the population aged 85 and over. (This age group are also included in the 'aged 65 and over' population group which is discussed above).

In 2019 there were 5,050 people aged 85 and over in Conwy County Borough.

- Between 2018 and 2019 the number of very elderly in the population increased by 2.1%. In the ten-year period between 2009 and 2019 the very elderly population increased by 900 people, a rise of 22.0%.
- This age group makes up 4.3% of the population, compared to 4.2% in 2018 and 3.6% in 2009. By 2039 it is projected that they will make up 6.4% of the population.

- Conwy County Borough's 4.3% of the population aged 85 and over compares to 2.6% in Wales as a whole and 2.5% across the UK.
- Males:females ratio for the very elderly in Conwy County Borough is 100:170.2 For Wales the ratio is 100:171.5 and for the UK 100:171.6. By 2039 the ratio within the County Borough is expected to drop to 100:134.5 as male survival rates improve.

The number of very elderly within Conwy County Borough is projected to:

- increase every year to the end of the projection period. The rate of increase will be highest 2028-2034.
- The number of people aged 85 and over in Conwy County Borough's population is expected to be about 7,800 by 2039. This is an increase of 2,800 (55.2%) on 2019 figures.

The progression of the large post-World War 2 baby boomers cohort into this age group by the end of the projection period is the main reason for this dramatic increase, coupled with expected improvements in mortality rates.

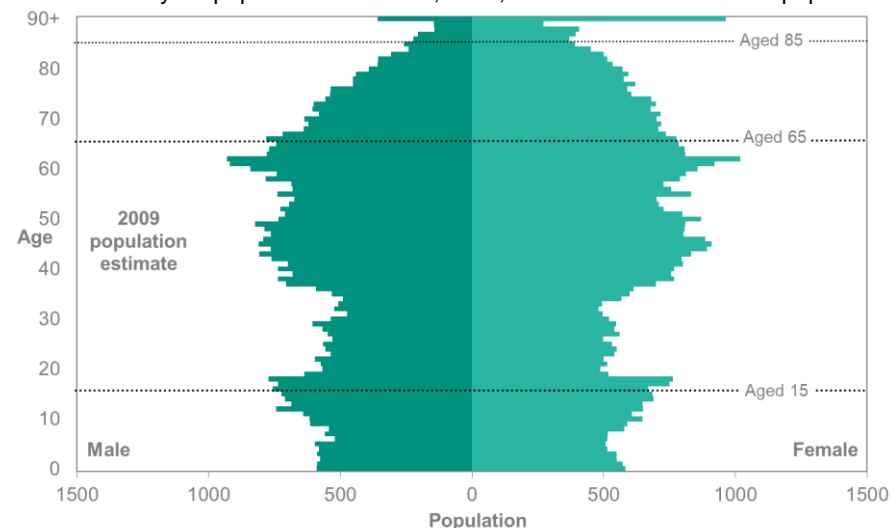
## Population pyramids

Another way of looking at population structures – and particularly change in these structures over time – is to use population pyramids. On the next two pages are population pyramids for Conwy County Borough for the years 2009 (the past), 2019 (the present), 2029 and 2039 (the future), to give an indication of how the population has changed/might change over a 30 year period.



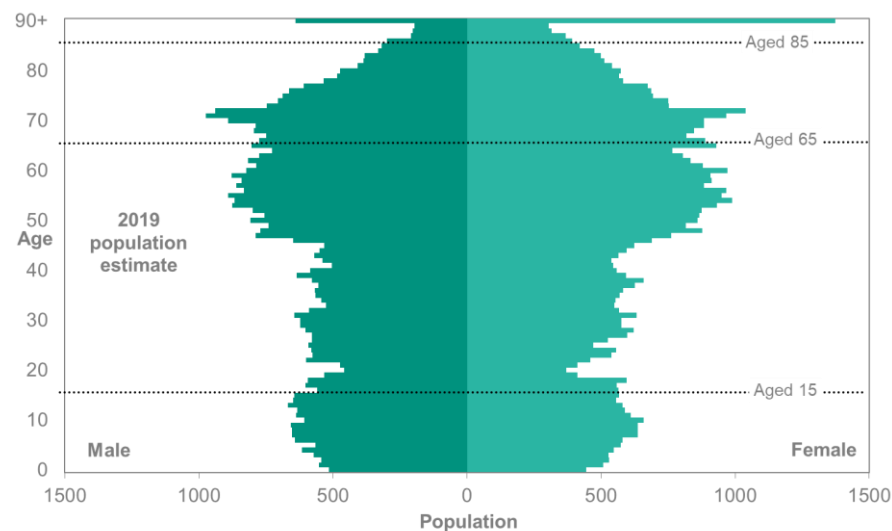
### Chart 4.1: population pyramids (age structure) for Conwy County Borough

Sources: mid year population estimates, ONS; 2018-based sub national population projections, Welsh Government



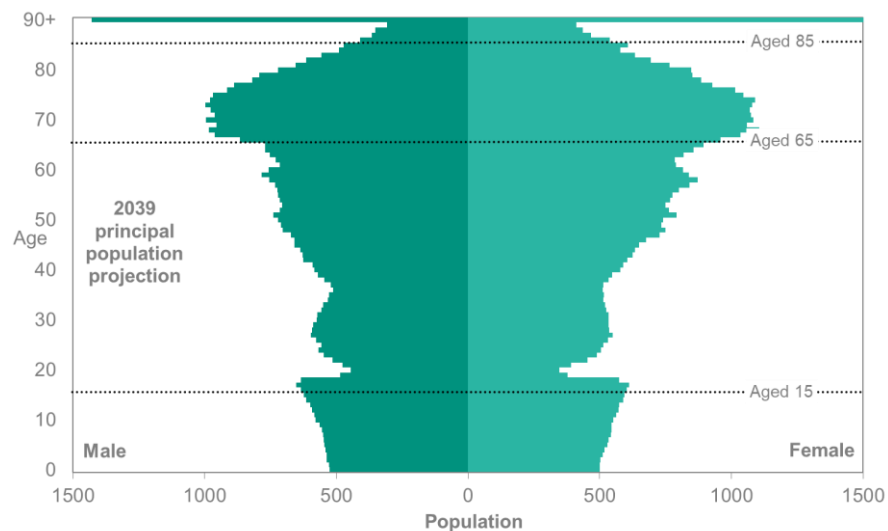
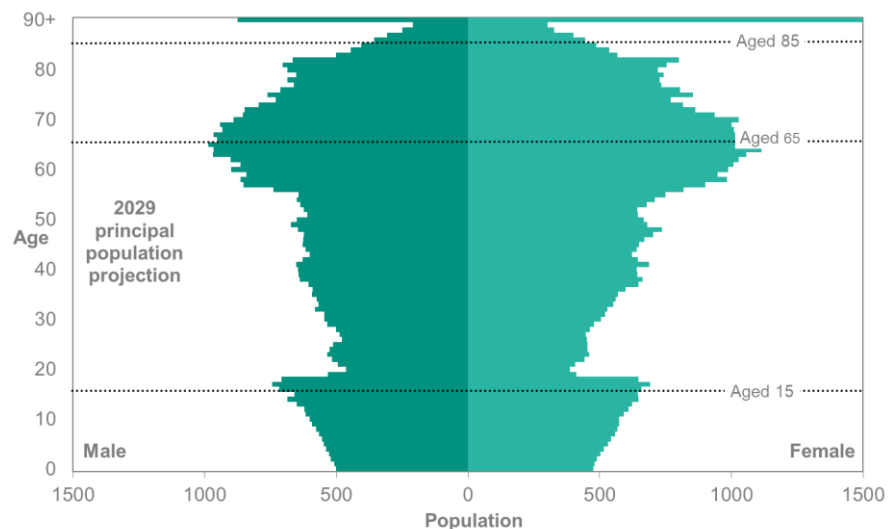
#### 2009 population pyramid

- Not a pyramid at all – atypical population chart even in ageing West
- Low birth rates in 1990s and 2000s – small number of children
- Big ‘bite’ out of population aged 18 to mid 30s – young people leaving the area, for higher education or other economic and social reasons
- Bulges around the early 40s age group – early 1960s baby boom
- Bulge around age of 60 – post World War 2 baby boom
- Single year age bands in late 70s age group of similar size to single years in the 0-9 age group (50s, 60s and early 70s larger)
- Women start to outnumber men in late 30s age group
- Around 1,300 aged 90+ – many more women than men in this age group



#### 2019 population pyramid

- Pyramid starting to look more like a mushroom – very top heavy
- The ‘missing’ 18 to late 20s age group has expanded to include those aged into their mid 40s – suggests those who leave in late teens/early 20s are not returning even later in life cycle
- 1960s baby boomers now in their 50s
- Post WW2 baby boomers now in their late 60s/early 70s
- More people in each single year age band from 46-76 than in any of the single year age band 0-45
- Women start to outnumber men in late 40s age group



### 2029 population pyramid

- Obvious imbalance between base and top of 'pyramid'
- Low birth rate continues – number of children continues to decrease (slight increase in 2010s not enough to balance out 'top heavy' older age groups)
- Effect of out-migration of young adults (and their non-return) now affects age groups up to mid 50s. Compounds effect on birth rate as fewer women of child bearing age.
- Post WW2 baby boomers now in their 70s and 80s
- More people in each single year age band from 55-82 than in any of the single year age bands aged 54 or under
- Age at which women outnumber men raised to around mid 50s as male survival rates improve
- Over 2,350 people aged 90+ – still more women than men, but gap narrowing

### 2039 population pyramid

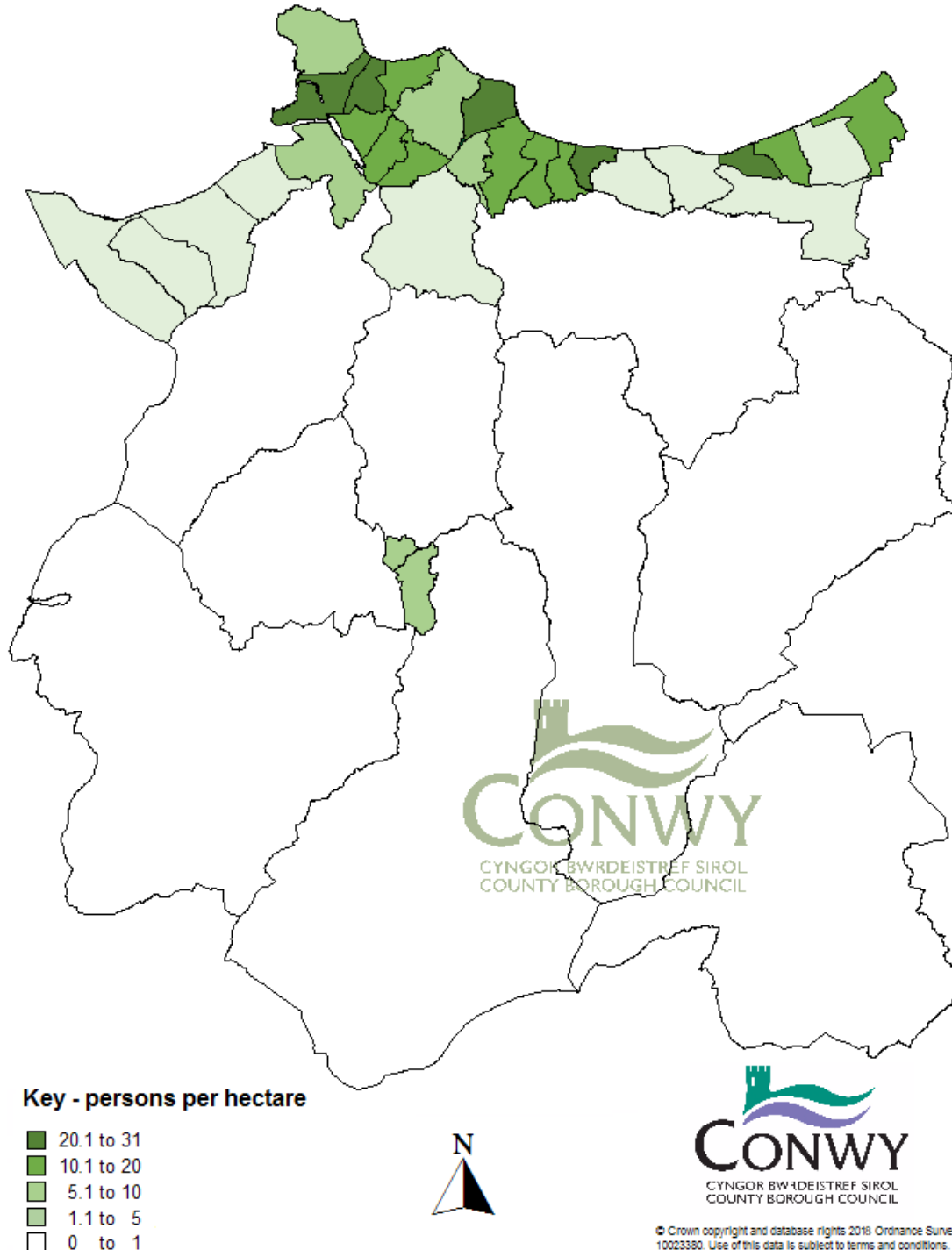
- Base of chart very undercut.
- Echo of effect of out-migration of young adults in the early years of the century stretches to 60s age group
- 1960s generation X now in their late 60s/early 70s. This means two very large birth cohorts are now in the post-retirement age group (post WW2 cohort are reaching their late 80s)
- More people in each single year age band from 64-80 than in any of the single year age bands 0-63. Leads to very skewed dependency ratios
- More 85 year olds than new-borns
- Over 3,450 people aged 90+ (and off chart scale) – gap between men and women narrows further

## Section 5: Population for small areas / geographic spread

### Population density

#### Map 5.1: population density by electoral division, 2019

Source: ONS experimental small area population estimates; Corporate Research and Information Unit, Conwy County Borough Council



Population density for the County Borough = 1.0 persons per hectare

The County Borough has an area of 113,000 hectares and a population of 117,200 residents (mid-2019 estimate). About 38% of its area and 4% of its population are within the Snowdonia National Park.

Population density is low, at 1.0 persons per hectare across the County Borough as a whole, but rises to over 30 persons per hectare in some urban areas on the coast.

The narrow coastal belt contains about 90% of the County Borough's population with Llandudno and Colwyn Bay as the two main urban areas. Other significant coastal settlements are Abergele, Conwy, Kinmel Bay, Towyn, Llandudno Junction, Penmaenmawr, Llanfairfechan and Penrhyn Bay.

The population of rural Conwy CB is widely dispersed. The main settlements are the market town of Llanrwst and the scattered villages of Betws-y-Coed, Betws yn Rhos, Eglwysbach, Llanfairtalhaearn, Llansannan, Llangernyw, Pentrefoelas and Cerrigydrudion.

The map on the previous page shows population densities. Tables showing population density at electoral division (ED) and community council area level are also available in appendices 1.1 and 2.1.

## Population change

**Table 5.1: highest and lowest population growth for electoral divisions in Conwy County Borough, 2009-19**

Source: ONS experimental small area population estimates

	Change	
	%	Number
Marl	27.2%	1,000
Deganwy	25.2%	1,000
Conwy	22.7%	950
Mostyn	8.2%	250
Mochdre	7.1%	250
Pensarn	4.8%	100
Glyn	-3.9%	-150
Capelulo	-3.9%	-100
Gogarth	-6.4%	-250
Colwyn	-7.0%	-300
Betws-y-Coed	-9.9%	-150
Eirias	-10.8%	-400

Unsurprisingly, many of the areas of greatest population growth between 2009 and 2019 were the settlements along the coast. ONS's small area population estimates show population to have increased by Marl (Llandudno Junction) 27.2% in and by 25.2% in Deganwy, with Conwy ward also seeing growth of over 20% in the period. A further two electoral divisions along the coast experienced growth of over 5%.

In terms of absolute numbers, the greatest population growth was in Deganwy and Marl (Llandudno Junction) wards, each with an increase of 1,000 in the total population between 2009 and 2019. Conwy experienced an increase of almost 950 in the same ten years. At the same time population fell by -400 in Eirias ward and by -300 in Colwyn ward (both wards are in Old Colwyn).

Population change in the County Borough as a whole for 2009-2019 was +2.3%

Between 2018 and 2019 the biggest increase in population was in the Pensarn (Llandudno Junction) electoral division (+2.1%, or around 250 people) and the biggest fall in population was in Gower electoral division (-3.4% or around -50 people). The population total for the County Borough as a whole stayed about the same.

Tables showing population change for all electoral divisions (wards) and community council areas are available in appendices 1.2 and 2.2

## Population structure

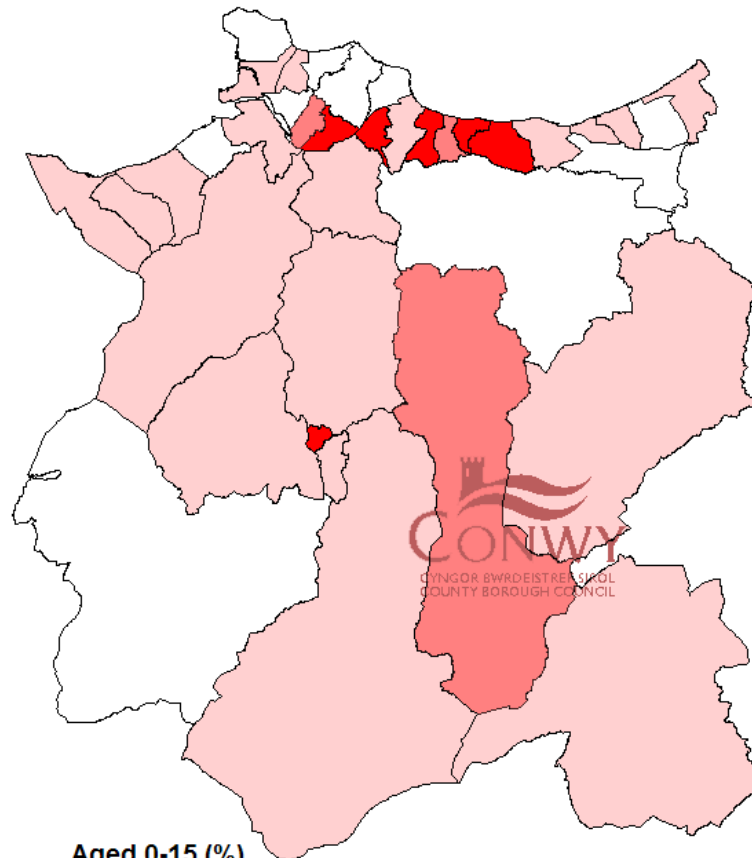
Generally, Conwy County Borough has a population structure that is older than the UK average, even at small area level. ONS small area population estimates show that the greatest concentrations of people aged 65 and over, in terms of both numbers and proportions of the total population, are in the coastal settlements of Abergele, Towyn, Rhos on Sea, Llandudno (Craig-y-Don, Gogarth and Penrhyn wards), Deganwy and Dwygyfylchi. All these areas have more than 30% of their population aged 65 and over. Craig-y-Don electoral division has the highest proportion of people aged 65+ in its population (39.4%). The map on the next page highlights this concentration of settlements with high proportions of older people in their population.

All but three electoral divisions within Conwy County Borough have a higher proportion of the population aged over 65 than the UK average of 18.2%. The EDs with lower than average proportions of the 65+ age group in their population are Gower, Glyn, and Llysfaen.

However, six electoral divisions in the County Borough have a higher than average proportion of children in their population. By far the youngest age profile in the County Borough is to be found in the Llysfaen electoral division / community council area, with only 14.3% of the population aged 65+, and 23.3% aged under 16. Llysfaen is also the only ward in the County Borough where total annual births significantly and consistently outnumber total annual deaths.

**Map 5.2: proportion of the population aged 0-15; and 65 and over by electoral division, 2019**

Source: ONS experimental small area population estimates

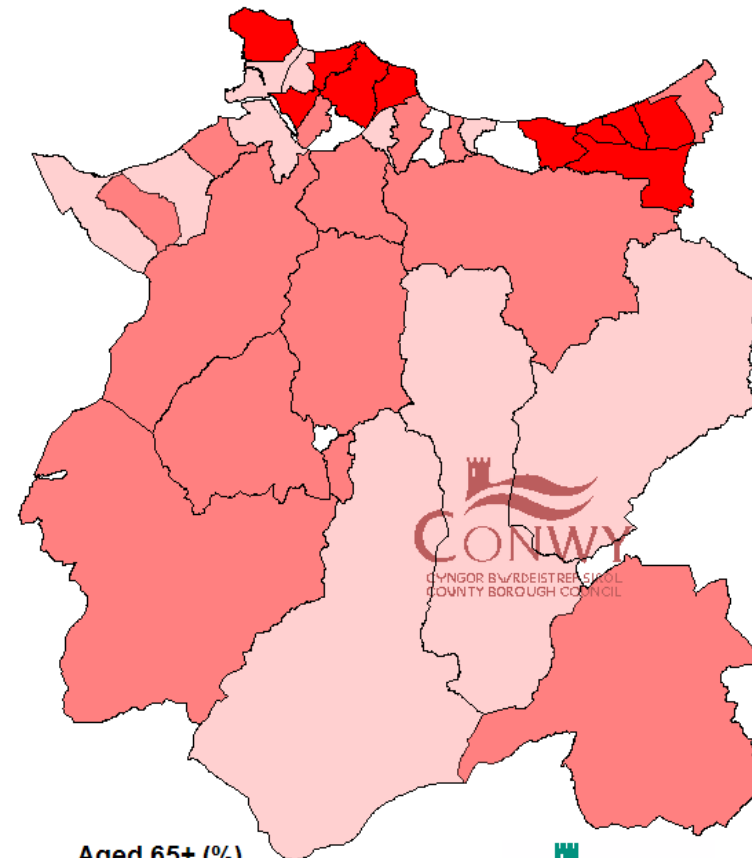


**Aged 0-15 (%)**

- 20.0 - 24.0
- 18.0 - 19.9
- 15.0 - 17.9
- 10.8 - 14.9



Proportion of population aged 0-15  
for the County Borough = 16.2%



**Aged 65+ (%)**

- 30.0 - 40
- 25.0 - 29.9
- 20.0 - 24.9
- 14.0 - 19.9



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Proportion of population aged 65 and  
over for the County Borough = 27.9%

**Table 5.2: electoral divisions where proportion of population aged under 16 is higher than UK average, 2019**

Source: ONS experimental small area population estimates

	%
Llysfaen	23.3%
Mochdre	21.6%
Glyn	21.6%
Gower	21.2%
Colwyn	21.2%
Pensarn	20.4%
United Kingdom	19.0%
Conwy County Borough	16.2%

Though the concentration of areas with high proportions of children in their population is not as obviously coastal as that for older people, five of these six electoral divisions are within the more populous coastal strip.

Tables showing broad population structure for all electoral divisions (wards) and community council areas are available in appendices 1.3 and 2.3.

## Section 6: Comparing measurements of population

It is not easy to count the number of people in an area. Populations are continuously changing, through births, deaths and migration. None of the population figures used in this report – or available elsewhere – are exact counts of the population.

As population data are used to inform decision making for funding, representation and resourcing, it is important that the data used to measure population is of good quality. Population data measures population by size, age and gender and provides a basis to calculate and compare rates, ratios and percentages between groups of people or geographical areas.

The main population data used in this report are the official mid-year population estimates or data derived from these (such as the population projections). The mid-year population estimates are calculated by the Office for National Statistics (ONS), who have considerable resource and expertise in this field.

A comparison between these mid-year estimates and other sources of population data is given below.

### Mid-year estimates of population

#### What is it?

They are estimates, not a count of the current population, and are produced every year. There is a 12 month delay in the release of the data (for example data for 30 June 2018 was published in June 2019).

The starting point for the estimate is the previous mid-year resident population figure and the population change is taken into account by adding births and removing deaths which occurred during the year and allowing for migration to and from the area. Adjustments are also made for special population groups not captured by migration estimates such as the armed forces. The international migration component of population change is sourced from survey data.

Mid-year population estimates are available for the nations of the UK, local authority areas, parliamentary constituencies and local health board areas and are published by ONS. They are produced for single year of age and gender at local authority area level and above.

ONS population estimates are also available for electoral divisions (wards) and statistical geographies, but these are considered to be 'experimental statistics' as they are still undergoing evaluation.

#### What are the limitations of this data?

The mid-year population estimates are rolled forward from the Census of Population. In 2001 there were concerns that some areas – typically those with high proportions of transient population – were undercounted. Results from the 2011 Census seemed to show that this was the case, as the rolled forward estimates for 2011 were much lower than the new Census estimate. The new mid-year estimates – including those used in this report – have been recalibrated to take account of this. However, the Office for National Statistics is undertaking more research to understand how the



undercount occurred and to improve their roll-forward methodology, and the results of this work this may impact on the validity and robustness of current estimates.

Though births and deaths data used in the estimates is very robust, migration data is less so. Internal migration measurements have been vastly improved in recent years and are now considered to be reasonably sound. Data on international (overseas) migration is still difficult to collect and even more difficult to assign to the right geographical area. The ONS have a programme of work to improve these data.

### How can it be used to count population?

These are the official measure of population used by national and local government and many other official bodies. They are also widely used by commercial companies and individuals in the private and academic sector.

The population estimates can be used where an estimate of the resident population is required. They are used when the absolute numbers of residents are of key importance. This may be in terms of allocating financial resources, planning services or grossing up survey results.

They are also used where the population figures are used as denominators, for example in the calculation of economic and social indicators.

ONS's mid-year population estimates form the key inputs into population projections, providing a base population (starting year for projections) and helping to form trend assumptions.

## Census of population

### What is it?

A Census is a survey of all people and households in the country. In the UK the Census is carried out every 10 years. The Office for National Statistics (ONS) undertakes the Census in England and Wales.

### Table 6.1: comparing mid year population estimates with 2011 Census for Conwy County Borough

Sources: mid year population estimates, ONS; Census of population, ONS

	Total resident population	
<b>Mid year population estimate (30th June 2011)</b>	115,350	
<b>2011 Census (27th March 2011)</b>	115,250	
<b>Difference</b>	-100	-0.1%
<b>Mid year population estimate (30th June 2019)</b>	117,200	
<b>2011 Census (27th March 2011)</b>	115,250	
<b>Difference</b>	-2,000	-1.7%

The most recently available data is from the 2011 Census which was carried out on 27<sup>th</sup> March 2011. The first data from this was released in July 2012 and has been used to rebase the mid-year population estimates, as discussed above.

Census population data are available for all administrative and statistical geographies and are published by ONS.

### **Why is it different from the mid-year population estimate and what are the limitations of this data?**

The 2011 Census is now nine years out of date.

- It is only undertaken every ten years and is most useful in the early years after the Census.
- Even in its first year, there will be a difference between the Census estimate of population and the mid-year estimate of population from the same year, as they are taken at different times and use different methodologies to make their estimate.
- The table above shows how the difference between the Census population count and the mid-year population estimate has increased over time.

### **How can it be used to count population?**

The Census population data are the most comprehensive and robust source of population data for Wales. Uses include any Census data analysis so that the numerator and denominator are of the same time period and geography.

Because the Census collects so much information about the characteristics of our population which isn't available elsewhere, it may be necessary to use Census populations to work out rates/proportions, especially at the small area level. For example, the proportion of people who have a limiting long term illness in the County Borough is only available from the 2011 Census.

For some data sets, Census data is still more reliable and robust than other, more recent data. How useful the Census is will depend on which population characteristic is being measured and for what area – we would advise using Census data when looking at ethnicity in Conwy CB for example, but would recommend more recent surveys and estimates when looking at figures for Wales as a whole.

The population data in the 2011 Census is the basis of official mid-year population estimates which are produced between Censuses.

## National Health Service GP registration counts

### What is it?

The GP registration count is a real-time database which records details of every person registered with a GP's surgery. Every June a frozen file is created containing details of patients who are registered broken down into five year age bands and by sex to provide a snapshot of the patient register.

GP register data are available for all unitary authority and lower super output areas (LSOAs) in Wales, on request from the National Health Service.

### Table 6.2: comparing mid year population estimates with NHSAR data for Conwy County Borough

Sources: mid year population estimates, ONS; National Health Service GP registration counts, NHS

	Total population	
Mid year population estimate (30th June 2018)	117,200	
NHS administrative register (30th June 2018)	119,050	
Difference	1,850	1.6%

### Why is it different from the mid-year population estimate and what are the limitations of this data?

This is a count of those who are registered with a GP's surgery. It is not a population estimate.

- Resident population figures represent the numbers of persons who live in a given area, whereas registered population figures give the number of patients registered with a GP practice in a given area. An individual can reside in one area while being registered in another. Individuals cannot be registered in two areas at the same time.
- Some age/gender groups may be undercounted as they are not registered with a local doctor.
  - Young, single men are the most likely to be undercounted as they are the least likely to register with a GP.
  - New born babies may be under counted, as they may not yet have been registered with a GP.
  - Foreign nationals may be under estimated as they may not register with a GP if they are not entitled to NHS treatment.
- Some groups are over-counted.
  - GP registration counts of students may be over-estimated, as they may be registered at their parents' address rather than their term-time address. The term-time address is taken as the usual residence base for mid-year estimates, so there may be a mismatch between ONS mid-year population estimates and GP registration counts.
  - Older age groups may be over counted – particularly the very old. Though current records are very accurate, death registrations in past decades (when

the process was still paper based) may not have been transferred to the GP register.

- All age groups are subject to possible under- and over-counting, depending on whether patients have registered or deregistered when they have moved house.

### How can it be used to count population?

GP registration data can be used to sense-check the mid-year population estimates.

The GP register records the movement of patients. This data is used to estimate the number of in- and out-migrants within administrative areas in the UK, and is the major source of internal migration data for ONS's mid-year estimates.

## Electoral register

### What is it?

The number of people who are registered on the electoral roll and are therefore entitled to vote in any given year. The electoral roll is administered by the Electoral Services Department of Conwy County Borough Council.

Electoral register data are available from ONS for all unitary authority areas in Wales. Data for electoral divisions (wards) may be available from individual Councils.

### Table 6.3: comparing mid year population estimates with electoral register data for Conwy County Borough

Sources: mid year population estimates, ONS; electoral statistics, ONS

	Aged 18 and over	
Mid year population estimate (30th June 2019)	95,950	
Electoral register (1st December 2019)	91,450	
Difference	-4,450	-4.7%

### Why is it different from the mid-year population estimate and what are the limitations of this data?

The electoral register is a count of those who are registered to vote. It is not a population estimate.

- The electoral register is a partial population count
  - Only those aged 18 or over (or reaching the age of 18 in the coming year) and only those who are entitled to vote are registered.
  - Children are not included on the list.
  - Foreign nationals who are not entitled to vote are not registered, even if they are resident in the UK.
  - Not everyone registers to vote even if they are entitled to.

- New rules introduced in 2015 mean that individuals are now responsible for their own registration, whereas previously all eligible voters in a household could be registered on one form. This led to a fall in electoral numbers of over 800,000 across England and Wales between 2015 and 2016, mainly amongst young people and those living in shared housing.
- The electoral register may be an over-count – this is sometimes called ‘list inflation’
  - The accuracy of the register relies on the electoral registration department being notified if someone moves or dies or otherwise needs to be removed from the register.
  - Students who have moved out of the County Borough to study may still be on the list at their parents’ address, though for the official mid-year population estimates students are usually counted at their term-time address.
- The numbers fluctuate – the number of people on the electoral roll is usually higher in general election years.

### How can it be used to count population?

Electoral register data can be used to sense-check the mid-year population estimates for population aged 18 and over.

## Administrative sources – the school census

### What is it?

Data is obtained from the Pupil Level Annual School Census (PLASC) completed in January each year. The table shows pupils on the local education authority’s school roll at the January 2020 school census date with their ages calculated as at 31 August 2019.

### Table 6.4: comparing mid year population estimates with school census data for Conwy County Borough

Sources: mid year population estimates, ONS; school census, Conwy County Borough Council

	Aged 4-15	
Mid year population estimate (30th June 2019)	14,800	
School census 2018/19: aged 4-15 (31st Aug 2019)	13,600	
Difference	-1,200	-8.0%

### Why is it different from the mid-year population estimate and what are the limitations of this data?

The school census is a count of pupils who are on the roll at schools run by local education authorities. It is not a population estimate.

- The school census is a partial population count
  - It covers school aged children only (aged 3-18)

- Even within this population group, data for some age groups is less complete, as children start or leave formal schooling. Only data for those aged 4-15 should be used in comparison with official mid-year population estimates.
- Not all children are included in the school census
  - It captures information from local authority schools only, and does not count pupils at independent or private schools or those who are home schooled.
  - Only children who are educated within the County Borough are counted. It may not be able to capture information about those who travel to schools in neighbouring authorities. And it will pick up some children who live outside the County Borough but are educated in a Conwy CBC school.

### **How can it be used to count population?**

School census data can be used to sense-check the mid-year population estimates for population aged 4 to 15.

## Data sources

### Population estimates

Guidance from the Office for National Statistics (ONS) on the methodology used to create mid year population estimates

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

Mid year estimates population data (including mid-year components of change data) can be found on the ONS website at

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

or on the Welsh Government's StatsWales database at

<https://statswales.gov.wales/Catalogue/Population-and-Migration/Population/Estimates/Local-Authority>

### Census of population

Information about the Census of Population is available here:

<https://www.ons.gov.uk/census>

### Components of population change

Births data is available at:

<http://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/liv ebirths>

Deaths data is available at:

<http://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/de aths>

More information about migration is available on the ONS website

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

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

### Population projections

Data for population projections for unitary authorities in Wales is available on the Welsh Government website at:

<https://statswales.gov.wales/Catalogue/Population-and-Migration/Population/Projections>

### Small area population estimates

More information about population estimates for electoral division (ward) and other small areas:

<http://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/popul ationestimates/bulletins/annualsmallareapopulationestimates/previousReleases>





## Appendix 1.1 – population density for electoral divisions (wards), 2019

Sources: ONS experimental small area population estimates; Corporate Research and Information Unit, CCBC

	Area (ha)	Pop. 2019	Persons / hectare	Change 2009-2019
<b>Conwy County Borough</b>	<b>113,000</b>	<b>117,200</b>	<b>1.0</b>	<b>0.0</b>
Abergele	1,650	10,850	6.5	0.2
Betws-y-Coed	1,800	550	0.3	0.0
Betws yn Rhos	4,900	1,050	0.2	0.0
Bro Garmon	5,450	650	0.1	0.0
Bro Machno	5,450	600	0.1	0.0
Caerhun	5,650	1,300	0.2	0.0
Capel Curig	7,850	200	0.0	0.0
Cerrigydrudion	6,450	750	0.1	0.0
Colwyn Bay	800	10,600	13.6	-0.2
Conwy	1,400	17,750	12.6	2.2
Dolgarrog	1,550	450	0.3	0.0
Dolwyddelan	5,900	450	0.1	0.0
Eglwysbach	3,400	900	0.3	0.0
Henryd	1,900	750	0.4	0.0
Llanddoged & Maenan	1,950	600	0.3	0.0
Llanddulas & Rhyd-y-foel	500	1,650	3.2	0.1
Llandudno	1,950	20,700	10.7	0.0
Llanfairfechan	1,800	3,750	2.1	0.0
Llanfairtalhaearn	4,250	1,100	0.3	0.0
Llanfihangel Glyn Myfyr	2,350	200	0.1	0.0
Llangernyw	7,000	1,050	0.2	0.0
Llangwm	4,100	500	0.1	0.0
Llanefydd	3,100	600	0.2	0.0
Llanrwst	500	3,200	6.1	0.0
Llansanffraid Glan Conwy	1,750	2,250	1.3	0.0
Llansannan	9,550	1,350	0.1	0.0
Llysaen	550	2,800	5.0	0.0
Mochdre	250	2,000	7.6	0.4
Old Colwyn	400	7,400	18.9	-1.8
Penmaenmawr	1,500	4,050	2.7	-0.1
Pentrefoelas	5,400	350	0.1	0.0
Rhos-on-Sea	300	7,400	24.0	-0.4
Towyn & Kinmel Bay	1,050	8,350	8.0	-0.1
Trefriw	3,750	800	0.2	0.0
Ysbyty Ifan	6,800	200	0.0	0.0
Abergele	1,650	10,850	6.5	0.2
Betws-y-Coed	1,800	550	0.3	0.0
Betws yn Rhos	4,900	1,050	0.2	0.0

All figures in tables have been rounded to the nearest 50. Counts may not add to totals due to rounding.

## Appendix 1.2 – population totals for electoral divisions (wards), 2009-2019

Source: ONS experimental small area population estimates

	2009	2014	2017	2018	2019	Change 2009-19	Change 2018-19
<b>Conwy County Borough</b>	<b>114,600</b>	<b>116,400</b>	<b>116,850</b>	<b>117,200</b>	<b>117,200</b>	<b>2.3%</b>	<b>0.0%</b>
Abergele Pensarn	2,450	2,550	2,500	2,500	2,550	3.1%	1.3%
Betws-y-Coed	1,300	1,200	1,150	1,150	1,150	-9.9%	-0.1%
Betws yn Rhos	2,150	2,150	2,150	2,150	2,150	1.4%	0.1%
Bryn	1,850	1,850	1,900	1,900	1,900	2.2%	0.6%
Caerhun	2,000	1,950	2,050	2,050	2,050	2.1%	-0.7%
Capelulo	1,400	1,500	1,350	1,400	1,400	-3.2%	-0.6%
Colwyn	4,550	4,500	4,100	4,200	4,250	-7.0%	0.7%
Conwy	4,150	4,000	5,050	5,000	5,100	22.7%	1.1%
Craig-y-Don	3,550	3,400	3,500	3,500	3,450	-1.5%	-1.3%
Crwst	2,050	2,150	2,150	2,100	2,100	3.0%	0.3%
Deganwy	3,900	3,950	4,800	4,900	4,900	25.2%	0.0%
Eglwysbach	1,500	1,600	1,500	1,500	1,500	0.9%	-0.5%
Eirias	3,600	3,550	3,100	3,200	3,200	-10.8%	0.4%
Gele	4,600	4,700	4,650	4,700	4,750	4.1%	1.4%
Glyn	4,300	4,500	4,200	4,150	4,100	-3.9%	-1.3%
Gogarth	3,800	3,650	3,500	3,550	3,550	-6.4%	-0.8%
Gower	1,150	1,200	1,150	1,150	1,100	-3.1%	-3.4%
Kinmel Bay	6,050	6,150	6,100	6,050	6,050	-0.3%	-0.6%
Llanddulas	1,550	1,600	1,650	1,600	1,650	4.1%	1.3%
Llandrillo yn Rhos	7,550	7,650	7,400	7,400	7,400	-1.8%	0.1%
Llangernyw	1,450	1,400	1,350	1,400	1,400	-1.2%	1.0%
Llansanffraid	2,250	2,300	2,250	2,250	2,250	0.0%	0.4%
Llansannan	1,900	1,950	2,000	2,000	1,950	1.7%	-1.4%
Llysfaen	2,750	2,800	2,800	2,800	2,800	0.8%	-0.8%
Marl	3,700	4,250	4,700	4,700	4,700	27.2%	0.7%
Mochdre	1,900	2,000	2,000	2,000	2,000	4.8%	-0.8%
Mostyn	3,550	3,750	3,800	3,850	3,800	7.1%	-1.2%
Pandy	1,850	1,900	1,900	1,900	1,850	1.3%	-1.0%
Pant-yr-afon/Penmaenan	2,700	2,850	2,700	2,700	2,650	-1.5%	-1.4%
Penrhyn	4,800	4,850	4,800	4,800	4,800	0.0%	0.1%
Pensarn	2,850	2,950	2,950	3,000	3,100	8.2%	2.1%
Pentre Mawr	3,550	3,550	3,600	3,550	3,550	0.5%	-0.3%
Rhiw	6,500	6,650	6,550	6,450	6,500	0.0%	0.4%
Towyn	2,400	2,400	2,350	2,300	2,300	-3.9%	-0.1%
Trefriw	1,250	1,250	1,250	1,300	1,300	2.9%	0.3%
Tudno	4,950	5,000	5,050	5,050	5,050	2.6%	0.2%
Uwch Conwy	1,450	1,450	1,400	1,400	1,450	-1.4%	1.1%
Uwchaled	1,400	1,350	1,400	1,400	1,450	0.1%	1.4%

All figures in tables have been rounded to the nearest 50. Counts may not add to totals due to rounding.

### Appendix 1.3a – population structure for electoral divisions (wards), 2019

Source: ONS experimental small area population estimates

	Number							
	All ages	0-15	16-29	30-44	45-64	65+	All males	All females
<b>Conwy County Borough</b>	<b>117,200</b>	<b>19,000</b>	<b>15,200</b>	<b>17,300</b>	<b>33,000</b>	<b>32,750</b>	<b>57,150</b>	<b>60,050</b>
Abergele Pensarn	2,550	400	250	350	700	850	1,300	1,250
Betws-y-Coed	1,150	150	150	150	400	300	600	550
Betws yn Rhos	2,150	300	250	300	700	600	1,050	1,100
Bryn	1,900	300	300	300	550	400	950	950
Caerhun	2,050	300	250	250	650	600	1,000	1,050
Capelulo	1,400	200	150	200	400	400	650	700
Colwyn	4,250	900	550	700	1,150	900	2,100	2,100
Conwy	5,100	900	650	750	1,550	1,200	2,450	2,650
Craig-y-Don	3,450	400	400	450	850	1,350	1,700	1,800
Crwst	2,100	350	300	300	550	600	1,050	1,050
Deganwy	4,900	650	500	650	1,350	1,700	2,450	2,450
Eglwysbach	1,500	250	200	200	500	400	750	750
Eirias	3,200	600	500	500	800	800	1,600	1,600
Gele	4,750	650	550	550	1,300	1,750	2,250	2,550
Glyn	4,100	900	650	750	1,150	700	2,000	2,100
Gogarth	3,550	400	400	500	1,050	1,150	1,750	1,800
Gower	1,100	250	150	200	300	200	550	600
Kinmel Bay	6,050	1,050	800	850	1,700	1,650	3,000	3,050
Llanddulas	1,650	250	150	200	500	500	800	800
Llandrillo yn Rhos	7,400	950	750	1,000	1,950	2,750	3,450	3,950
Llangernyw	1,400	250	150	150	450	350	700	700
Llansanffraid	2,250	350	300	300	650	650	1,050	1,200
Llansannan	1,950	300	300	250	650	450	1,050	900
Llysfaen	2,800	650	500	500	750	400	1,350	1,450
Marl	4,700	850	600	800	1,300	1,200	2,300	2,450
Mochdre	2,000	450	250	400	500	400	950	1,050
Mostyn	3,800	600	550	650	1,100	900	1,800	2,000
Pandy	1,850	300	200	300	600	500	900	950
Pant-yr-afon/Penmaenan	2,650	400	400	500	800	600	1,300	1,350
Penrhyn	4,800	700	600	600	1,350	1,600	2,350	2,500
Pensarn	3,100	650	500	550	800	600	1,500	1,600
Pentre Mawr	3,550	550	400	500	850	1,250	1,650	1,950
Rhiw	6,500	1,000	850	900	1,850	1,900	3,200	3,300
Towyn	2,300	300	300	300	650	800	1,100	1,250
Trefriw	1,300	200	150	200	400	350	650	600
Tudno	5,050	900	850	750	1,400	1,150	2,400	2,650
Uwch Conwy	1,450	200	200	200	450	350	700	700
Uwchaled	1,450	200	200	250	450	350	700	750

All figures in tables have been rounded to the nearest 50. Counts may not add to totals due to rounding.

## Appendix 1.3b – population structure for electoral divisions (wards), 2019

Source: ONS experimental small area population estimates

	All ages	As proportion of total population						All males	All females
		0-15	16-29	30-44	45-64	65+			
<b>Conwy County Borough</b>	<b>117,200</b>	<b>16.2%</b>	<b>13.0%</b>	<b>14.7%</b>	<b>28.1%</b>	<b>27.9%</b>	<b>48.8%</b>	<b>51.2%</b>	
Abergele Pensarn	2,550	15.2%	10.5%	13.8%	26.7%	33.8%	51.3%	48.7%	
Betws-y-Coed	1,150	13.9%	12.2%	11.6%	35.6%	26.7%	50.6%	49.4%	
Betws yn Rhos	2,150	14.5%	12.4%	13.6%	32.2%	27.3%	49.5%	50.5%	
Bryn	1,900	16.9%	16.9%	15.3%	29.6%	21.4%	50.3%	49.7%	
Caerhun	2,050	15.3%	11.2%	12.2%	31.6%	29.7%	47.9%	52.1%	
Capelulo	1,400	14.8%	11.5%	15.3%	29.6%	28.9%	48.9%	51.1%	
Colwyn	4,250	21.2%	13.4%	16.8%	27.1%	21.5%	50.1%	49.9%	
Conwy	5,100	17.8%	12.6%	15.2%	30.4%	24.0%	48.2%	51.8%	
Craig-y-Don	3,450	11.7%	11.1%	12.8%	25.1%	39.4%	48.3%	51.7%	
Crwst	2,100	16.9%	13.6%	14.8%	25.8%	28.9%	49.7%	50.3%	
Deganwy	4,900	13.5%	10.5%	13.5%	27.3%	35.1%	50.3%	49.7%	
Eglwysbach	1,500	15.0%	11.8%	13.0%	32.4%	27.8%	50.3%	49.7%	
Eirias	3,200	18.3%	14.9%	15.6%	25.6%	25.7%	50.2%	49.8%	
Gele	4,750	13.5%	11.7%	11.3%	27.0%	36.6%	46.9%	53.1%	
Glyn	4,100	21.6%	15.3%	18.3%	27.4%	17.4%	48.9%	51.1%	
Gogarth	3,550	10.8%	11.9%	14.7%	29.9%	32.7%	49.8%	50.2%	
Gower	1,100	21.2%	15.5%	17.1%	27.9%	18.2%	48.1%	51.9%	
Kinmel Bay	6,050	17.5%	12.9%	14.3%	28.2%	27.1%	49.4%	50.6%	
Llanddulas	1,650	15.5%	10.4%	13.2%	30.7%	30.3%	50.0%	50.0%	
Llandrillo yn Rhos	7,400	12.6%	10.2%	13.5%	26.3%	37.4%	46.7%	53.3%	
Llangernyw	1,400	18.1%	12.0%	12.3%	32.0%	25.6%	50.1%	49.9%	
Llansanffraid	2,250	15.0%	13.4%	13.9%	28.8%	29.0%	47.1%	52.9%	
Llansannan	1,950	15.2%	15.9%	13.2%	32.8%	22.9%	52.9%	47.1%	
Llysfaen	2,800	23.3%	18.2%	17.3%	26.9%	14.3%	48.5%	51.5%	
Marl	4,700	18.1%	12.8%	16.7%	27.2%	25.1%	48.6%	51.4%	
Mochdre	2,000	21.6%	13.1%	19.8%	25.5%	20.1%	47.2%	52.8%	
Mostyn	3,800	16.3%	13.9%	17.2%	29.0%	23.6%	47.6%	52.4%	
Pandy	1,850	16.1%	11.3%	15.4%	30.9%	26.4%	49.5%	50.5%	
Pant-yr-afon/Penmaenan	2,650	15.7%	14.5%	18.5%	29.0%	22.2%	48.9%	51.1%	
Penrhyn	4,800	14.4%	12.6%	12.6%	27.7%	32.8%	48.6%	51.4%	
Pensarn	3,100	20.4%	17.0%	17.7%	26.0%	18.8%	48.6%	51.4%	
Pentre Mawr	3,550	15.6%	11.7%	13.8%	23.2%	35.8%	45.8%	54.2%	
Rhiw	6,500	15.4%	12.8%	13.9%	28.3%	29.6%	49.2%	50.8%	
Towyn	2,300	13.9%	11.9%	13.1%	27.6%	33.6%	47.2%	52.8%	
Trefriw	1,300	15.2%	12.4%	14.2%	31.1%	27.2%	52.2%	47.8%	
Tudno	5,050	17.3%	16.5%	15.1%	28.0%	23.1%	47.5%	52.5%	
Uwch Conwy	1,450	15.1%	12.9%	15.0%	33.0%	24.1%	50.1%	49.9%	
Uwchaled	1,450	15.3%	12.3%	15.8%	31.3%	25.2%	47.6%	52.4%	

## Appendix 2.1 – population density for community council areas, 2019

Sources: ONS experimental small area population estimates

	Area (ha)	Pop. 2019	Persons / hectare	Change 2009-2019
<b>Conwy County Borough</b>	<b>113,000</b>	<b>117,200</b>	<b>1.0</b>	<b>0.0</b>
Abergele	1,650	10,850	6.5	0.2
Betws-y-Coed	1,800	550	0.3	0.0
Betws yn Rhos	4,900	1,050	0.2	0.0
Bro Garmon	5,450	650	0.1	0.0
Bro Machno	5,450	600	0.1	0.0
Caerhun	5,650	1,300	0.2	0.0
Capel Curig	7,850	200	0.0	0.0
Cerrigydrudion	6,450	750	0.1	0.0
Colwyn Bay	800	10,600	13.6	-0.2
Conwy	1,400	17,750	12.6	2.2
Dolgarrog	1,550	450	0.3	0.0
Dolwyddelan	5,900	450	0.1	0.0
Eglwysbach	3,400	900	0.3	0.0
Henryd	1,900	750	0.4	0.0
Llanddoged & Maenan	1,950	600	0.3	0.0
Llanddulas & Rhyd-y-foel	500	1,650	3.2	0.1
Llandudno	1,950	20,700	10.7	0.0
Llanfairfechan	1,800	3,750	2.1	0.0
Llanfairtalhaearn	4,250	1,100	0.3	0.0
Llanfihangel Glyn Myfyr	2,350	200	0.1	0.0
Llangernyw	7,000	1,050	0.2	0.0
Llangwm	4,100	500	0.1	0.0
Llanefydd	3,100	600	0.2	0.0
Llanrwst	500	3,200	6.1	0.0
Llansanffraid Glan Conwy	1,750	2,250	1.3	0.0
Llansannan	9,550	1,350	0.1	0.0
Llysfaen	550	2,800	5.0	0.0
Mochdre	250	2,000	7.6	0.4
Old Colwyn	400	7,400	18.9	-1.8
Penmaenmawr	1,500	4,050	2.7	-0.1
Pentrefoelas	5,400	350	0.1	0.0
Rhos-on-Sea	300	7,400	24.0	-0.4
Towyn & Kinmel Bay	1,050	8,350	8.0	-0.1
Trefriw	3,750	800	0.2	0.0
Ysbyty Ifan	6,800	200	0.0	0.0

All figures in tables have been rounded to the nearest 50. Counts may not add to totals due to rounding.

## Appendix 2.2 – population totals for community council areas, 2009-2019

Sources: ONS experimental small area population estimates

	2009	2014	2017	2018	2019	Change 2009-19	Change 2018-19
<b>Conwy County Borough</b>	<b>114,600</b>	<b>116,400</b>	<b>116,850</b>	<b>117,200</b>	<b>117,200</b>	<b>2.3%</b>	<b>0.0%</b>
Abergele	10,600	10,750	10,750	10,800	10,850	2.7%	0.8%
Betws-y-Coed	600	550	550	550	550	-13.5%	-0.1%
Betws yn Rhos	1,050	1,050	1,050	1,050	1,050	3.9%	0.1%
Bro Garmon	650	650	600	650	650	0.0%	1.1%
Bro Machno	600	600	600	600	600	-1.7%	1.1%
Caerhun	1,250	1,250	1,300	1,350	1,300	5.0%	-0.7%
Capel Curig	250	200	200	200	200	-21.3%	-0.1%
Cerrigydrudion	700	700	750	750	750	8.5%	1.4%
Colwyn Bay	10,750	11,200	10,750	10,650	10,600	-1.6%	-0.3%
Conwy	14,600	15,150	17,550	17,600	17,750	21.7%	0.9%
Dolgarrog	400	450	450	450	450	18.4%	0.3%
Dolwyddelan	450	450	450	450	450	1.3%	-0.1%
Eglwysbach	900	1,000	900	950	900	2.2%	-0.5%
Henryd	750	700	750	750	750	-2.6%	-0.7%
Llanddodged & Maenan	600	650	600	600	600	-1.0%	-0.5%
Llanddulas & Rhyd-y-foel	1,550	1,600	1,650	1,600	1,650	4.1%	1.3%
Llandudno	20,600	20,700	20,650	20,800	20,700	0.4%	-0.5%
Llanfairfechan	3,700	3,700	3,800	3,750	3,750	1.7%	-0.2%
Llanfairtalhaearn	1,100	1,100	1,050	1,100	1,100	-1.0%	0.1%
Llanfihangel Glyn Myfyr	200	200	200	200	200	-5.2%	1.4%
Llangernyw	1,050	1,050	1,050	1,050	1,050	0.2%	1.0%
Llangwm	550	450	500	450	500	-8.8%	1.4%
Llanefydd	600	600	600	600	600	2.9%	-1.4%
Llanrwst	3,200	3,350	3,300	3,250	3,200	0.8%	-1.0%
Llansanffraid Glan Conwy	2,250	2,300	2,250	2,250	2,250	0.0%	0.4%
Llansannan	1,350	1,350	1,400	1,400	1,350	1.2%	-1.4%
Llysfaen	2,750	2,800	2,800	2,800	2,800	0.8%	-0.8%
Mochdre	1,900	2,000	2,000	2,000	2,000	4.8%	-0.8%
Old Colwyn	8,100	8,050	7,200	7,400	7,400	-8.7%	0.6%
Penmaenmawr	4,150	4,350	4,050	4,100	4,050	-2.1%	-1.1%
Pentrefoelas	350	350	350	350	350	-5.1%	1.0%
Rhos-on-Sea	7,550	7,650	7,400	7,400	7,400	-1.8%	0.1%
Towyn & Kinmel Bay	8,450	8,550	8,450	8,400	8,350	-1.3%	-0.5%
Trefriw	850	800	800	800	800	-4.3%	0.3%
Ysbyty Ifan	200	200	200	200	200	-4.7%	1.1%

All figures in tables have been rounded to the nearest 50. Counts may not add to totals due to rounding.

## Appendix 2.3a – population structure for community council areas, 2019

Sources: ONS experimental small area population estimates

	Number							
	All ages	0-15	16-29	30-44	45-64	65+	All males	All females
<b>Conwy County Borough</b>	<b>117,200</b>	<b>19,000</b>	<b>15,200</b>	<b>17,300</b>	<b>33,000</b>	<b>32,750</b>	<b>57,150</b>	<b>60,050</b>
Abergele	10,850	1,600	1,250	1,400	2,800	3,850	5,150	5,700
Betws-y-Coed	550	50	50	50	200	150	250	250
Betws yn Rhos	1,050	150	150	150	350	300	550	550
Bro Garmon	650	100	100	100	200	150	300	300
Bro Machno	600	100	100	100	200	150	300	300
Caerhun	1,300	200	150	150	400	400	650	700
Capel Curig	200	50	0	0	50	50	100	100
Cerrigydrudion	750	100	100	100	250	200	350	400
Colwyn Bay	10,600	1,900	1,450	1,650	2,950	2,650	5,200	5,400
Conwy	17,750	3,050	2,300	2,750	4,950	4,700	8,700	9,050
Dolgarrog	450	50	50	50	150	150	250	200
Dolwyddelan	450	50	50	50	150	100	200	200
Eglwysbach	900	150	100	100	300	250	450	450
Henryd	750	100	100	100	250	200	350	400
Llanddoged & Maenan	600	100	50	100	200	150	300	300
Llanddulas & Rhyd-y-foel	1,650	250	150	200	500	500	800	800
Llandudno	20,700	3,000	2,750	3,000	5,800	6,150	10,000	10,700
Llanfairfechan	3,750	600	550	600	1,150	900	1,900	1,900
Llanfairtalhaearn	1,100	150	150	150	350	300	550	550
Llanfihangel Glyn Myfyr	200	50	0	50	50	50	100	100
Llangernyw	1,050	200	150	150	350	250	550	550
Llangwm	500	50	50	100	150	100	250	250
Llanefydd	600	100	100	100	200	150	300	300
Llanrwst	3,200	600	450	500	850	800	1,600	1,650
Llansanffraid Glan Conwy	2,250	350	300	300	650	650	1,050	1,200
Llansannan	1,350	200	200	200	450	300	700	650
Llysaen	2,800	650	500	500	750	400	1,350	1,450
Mochdre	2,000	450	250	400	500	400	950	1,050
Old Colwyn	7,400	1,500	1,050	1,200	1,950	1,750	3,700	3,700
Penmaenmawr	4,050	600	550	700	1,200	1,000	2,000	2,050
Pentrefoelas	350	50	50	50	100	100	200	150
Rhos-on-Sea	7,400	950	750	1,000	1,950	2,750	3,450	3,950
Towyn & Kinmel Bay	8,350	1,400	1,050	1,150	2,350	2,400	4,100	4,300
Trefriw	800	100	100	100	250	200	450	400
Ysbyty Ifan	200	50	0	50	50	50	100	100

All figures in tables have been rounded to the nearest 50. Counts may not add to totals due to rounding.

## Appendix 2.3b – population structure for community council areas, 2019

Sources: ONS experimental small area population estimates

	All ages	As proportion of total population						All males	All females
		0-15	16-29	30-44	45-64	65+			
<b>Conwy County Borough</b>	<b>117,200</b>	<b>16.2%</b>	<b>13.0%</b>	<b>14.7%</b>	<b>28.1%</b>	<b>27.9%</b>	<b>48.8%</b>	<b>51.2%</b>	
Abergele	10,850	14.6%	11.4%	12.7%	25.7%	35.6%	47.6%	52.4%	
Betws-y-Coed	550	13.9%	12.2%	11.6%	35.6%	26.7%	50.6%	49.4%	
Betws yn Rhos	1,050	14.5%	12.4%	13.6%	32.2%	27.3%	49.5%	50.5%	
Bro Garmon	650	15.1%	12.9%	15.0%	33.0%	24.1%	50.1%	49.9%	
Bro Machno	600	15.1%	12.9%	15.0%	33.0%	24.1%	50.1%	49.9%	
Caerhun	1,300	15.3%	11.2%	12.2%	31.6%	29.7%	47.9%	52.1%	
Capel Curig	200	13.9%	12.2%	11.6%	35.6%	26.7%	50.6%	49.4%	
Cerrigydrudion	750	15.3%	12.3%	15.8%	31.3%	25.2%	47.6%	52.4%	
Colwyn Bay	10,600	17.8%	13.7%	15.6%	27.9%	24.9%	49.1%	50.9%	
Conwy	17,750	17.2%	12.9%	15.6%	28.0%	26.4%	49.0%	51.0%	
Dolgarrog	450	15.2%	12.4%	14.2%	31.1%	27.2%	52.2%	47.8%	
Dolwyddelan	450	13.9%	12.2%	11.6%	35.6%	26.7%	50.6%	49.4%	
Eglwysbach	900	15.0%	11.8%	13.0%	32.4%	27.8%	50.3%	49.7%	
Henryd	750	15.3%	11.2%	12.2%	31.6%	29.7%	47.9%	52.1%	
Llanddoged & Maenan	600	15.0%	11.8%	13.0%	32.4%	27.8%	50.3%	49.7%	
Llanddulas & Rhyd-y-foel	1,650	15.5%	10.4%	13.2%	30.7%	30.3%	50.0%	50.0%	
Llandudno	20,700	14.4%	13.4%	14.4%	27.9%	29.8%	48.3%	51.7%	
Llanfairfechan	3,750	16.5%	14.1%	15.3%	30.2%	23.8%	49.9%	50.1%	
Llanfairtalhaearn	1,100	14.5%	12.4%	13.6%	32.2%	27.3%	49.5%	50.5%	
Llanfihangel Glyn Myfyr	200	15.3%	12.3%	15.8%	31.3%	25.2%	47.6%	52.4%	
Llangernyw	1,050	18.1%	12.0%	12.3%	32.0%	25.6%	50.1%	49.9%	
Llangwm	500	15.3%	12.3%	15.8%	31.3%	25.2%	47.6%	52.4%	
Llanefydd	600	15.2%	15.9%	13.2%	32.8%	22.9%	52.9%	47.1%	
Llanrwst	3,200	18.4%	14.3%	15.6%	26.6%	25.2%	49.1%	50.9%	
Llansanffraid Glan Conwy	2,250	15.0%	13.4%	13.9%	28.8%	29.0%	47.1%	52.9%	
Llansannan	1,350	15.2%	15.9%	13.2%	32.8%	22.9%	52.9%	47.1%	
Llysaen	2,800	23.3%	18.2%	17.3%	26.9%	14.3%	48.5%	51.5%	
Mochdre	2,000	21.6%	13.1%	19.8%	25.5%	20.1%	47.2%	52.8%	
Old Colwyn	7,400	20.0%	14.0%	16.3%	26.4%	23.3%	50.1%	49.9%	
Penmaenmawr	4,050	15.4%	13.5%	17.4%	29.2%	24.5%	48.9%	51.1%	
Pentrefoelas	350	18.1%	12.0%	12.3%	32.0%	25.6%	50.1%	49.9%	
Rhos-on-Sea	7,400	12.6%	10.2%	13.5%	26.3%	37.4%	46.7%	53.3%	
Towyn & Kinmel Bay	8,350	16.5%	12.6%	14.0%	28.0%	28.9%	48.8%	51.2%	
Trefriw	800	15.2%	12.4%	14.2%	31.1%	27.2%	52.2%	47.8%	
Ysbyty Ifan	200	15.1%	12.9%	15.0%	33.0%	24.1%	50.1%	49.9%	



### Appendix 3.1 – population totals for strategic sub areas and comparative areas, 2009-2019

Sources: mid-year estimates of population, ONS; ONS experimental small area population estimates

	2009	2014	2017	2018	2019	Change 2009-19	Change 2018-19
<b>Conwy County Borough</b>	114,600	116,400	116,850	117,200	117,200	2.3%	0.0%
<b>Strategic sub areas</b>							
<b>West</b>	25,450	26,200	28,350	28,450	28,550	12.3%	0.4%
<b>North</b>	20,600	20,700	20,650	20,800	28,450	0.4%	-0.5%
<b>Central</b>	33,700	34,350	32,850	32,950	22,200	-2.4%	0.0%
<b>East</b>	22,050	22,350	22,300	22,250	20,050	0.9%	0.1%
<b>South</b>	12,800	12,850	12,700	12,750	12,950	-0.2%	0.0%
<b>North Wales unitary authorities</b>							
<b>Anglesey</b>	69,900	70,150	69,800	69,950	70,050	0.2%	0.1%
<b>Gwynedd</b>	120,350	121,900	123,750	124,200	124,550	3.5%	0.3%
<b>Denbighshire</b>	94,450	94,850	95,150	95,350	95,700	1.3%	0.4%
<b>Flintshire</b>	152,000	153,800	155,150	155,600	156,100	2.7%	0.3%
<b>Wrexham</b>	133,300	135,950	135,550	136,150	135,950	2.0%	-0.1%
<b>Regions and countries</b>							
<b>North West Wales</b>	399,300	403,300	405,550	406,650	407,500	2.1%	0.2%
<b>North East Wales</b>	285,300	289,750	290,750	291,700	292,050	2.4%	0.1%
<b>North Wales</b>	799,200	809,500	696,300	815,550	816,750	2.2%	0.1%
<b>Wales</b>	3,038,850	3,092,050	3,125,150	3,138,650	3,152,900	3.8%	0.5%
<b>GB</b>	60,467,150	62,756,250	64,169,400	64,553,900	64,903,150	7.3%	0.5%
<b>UK</b>	62,260,500	64,596,750	66,040,250	66,435,550	66,796,800	7.3%	0.5%
<b>Electoral constituencies</b>							
<b>Aberconwy</b>	57,000	59,200	58,950	59,200	59,200	3.8%	-0.1%
<b>Clwyd West</b>	75,000	73,500	73,350	73,550	73,500	-2.0%	0.0%
<b>Vale of Clwyd</b>	71,800	72,500	72,050	72,150	72,500	1.0%	0.5%

### Appendix 3.2a – population structure for strategic sub areas and comparative areas, 2019

Sources: mid-year estimates of population, ONS; ONS experimental small area population estimates

	Number							All males	All females
	All ages	0-15	16-29	30-44	45-64	65+			
<b>Conwy County Borough</b>	117,200	19,000	15,200	17,300	33,000	32,750	57,150	60,050	
<b>Strategic sub areas</b>									
<b>West</b>	28,550	4,750	3,750	4,450	8,150	7,450	13,950	14,600	
<b>North</b>	20,700	3,000	2,750	3,000	5,800	6,150	10,000	10,700	
<b>Central</b>	32,950	5,800	4,350	5,100	9,000	8,750	16,050	16,900	
<b>East</b>	22,250	3,400	2,750	2,950	6,100	7,050	10,800	11,450	
<b>South</b>	12,750	2,050	1,600	1,800	3,950	3,350	6,350	6,450	
<b>North Wales unitary authorities</b>									
<b>Anglesey</b>	70,050	12,050	9,450	10,700	19,500	18,350	34,550	35,500	
<b>Gwynedd</b>	124,550	20,800	24,900	18,700	31,800	28,400	61,800	62,750	
<b>Denbighshire</b>	95,700	17,350	13,850	14,550	26,700	23,250	47,150	48,550	
<b>Flintshire</b>	156,100	28,950	23,500	27,550	43,050	33,050	76,900	79,200	
<b>Wrexham</b>	135,950	26,150	20,600	25,200	36,600	27,450	68,450	67,550	
<b>Regions and countries</b>									
<b>North West Wales</b>	407,500	69,200	63,400	61,250	111,000	102,700	200,650	206,850	
<b>North East Wales</b>	292,050	55,100	44,100	52,750	79,650	60,500	145,350	146,750	
<b>North Wales</b>	816,750	143,250	122,650	131,300	223,600	195,950	403,100	413,650	
<b>Wales</b>	3,152,900	563,850	549,350	547,450	829,900	662,400	1,554,700	1,598,200	
<b>GB</b>	64,903,150	12,301,900	11,260,250	12,544,750	16,736,000	12,060,250	32,045,500	32,857,650	
<b>UK</b>	66,796,800	12,697,850	11,587,450	12,912,350	17,224,250	12,374,950	32,978,250	33,818,600	
<b>Electoral constituencies</b>									
<b>Aberconwy</b>	59,200	9,300	7,800	8,850	17,000	16,250	28,900	30,250	
<b>Clwyd West</b>	73,500	12,350	9,450	10,650	20,650	20,400	36,050	37,500	
<b>Vale of Clwyd</b>	72,500	13,500	10,900	11,250	19,700	17,200	35,450	37,050	

### Appendix 3.2b – population structure for structure for strategic sub areas and comparative areas, 2019

Sources: mid-year estimates of population, ONS; ONS experimental small area population estimates

	All ages	As proportion of total population					All males	All females
		0-15	16-29	30-44	45-64	65+		
<b>Conwy County Borough</b>	117,200	16.2%	13.0%	14.7%	28.1%	27.9%	48.8%	51.2%
<b>Strategic sub areas</b>								
<b>West</b>	28,550	16.6%	13.1%	15.6%	28.6%	26.1%	48.9%	51.1%
<b>North</b>	20,700	14.4%	13.4%	14.4%	27.9%	29.8%	48.3%	51.7%
<b>Central</b>	32,950	17.6%	13.2%	15.5%	27.3%	26.5%	48.7%	51.3%
<b>East</b>	22,250	15.4%	12.3%	13.3%	27.5%	31.6%	48.6%	51.4%
<b>South</b>	12,750	16.2%	12.7%	14.0%	30.9%	26.2%	49.6%	50.4%
<b>North Wales unitary authorities</b>								
<b>Anglesey</b>	70,050	17.2%	13.5%	15.3%	27.8%	26.2%	49.3%	50.7%
<b>Gwynedd</b>	124,550	16.7%	20.0%	15.0%	25.5%	22.8%	49.6%	50.4%
<b>Denbighshire</b>	95,700	18.1%	14.5%	15.2%	27.9%	24.3%	49.3%	50.7%
<b>Flintshire</b>	156,100	18.5%	15.0%	17.6%	27.6%	21.2%	49.3%	50.7%
<b>Wrexham</b>	135,950	19.2%	15.1%	18.5%	26.9%	20.2%	50.3%	49.7%
<b>Regions and countries</b>								
<b>North West Wales</b>	407,500	17.0%	15.6%	15.0%	27.2%	25.2%	49.2%	50.8%
<b>North East Wales</b>	292,050	18.9%	15.1%	18.1%	27.3%	20.7%	49.8%	50.2%
<b>North Wales</b>	816,750	17.5%	15.0%	16.1%	27.4%	24.0%	49.4%	50.6%
<b>Wales</b>	3,152,900	17.9%	17.4%	17.4%	26.3%	21.0%	49.3%	50.7%
<b>GB</b>	64,903,150	19.0%	17.3%	19.3%	25.8%	18.6%	49.4%	50.6%
<b>UK</b>	66,796,800	19.0%	17.3%	19.3%	25.8%	18.5%	49.4%	50.6%
<b>Electoral constituencies</b>								
<b>Aberconwy</b>	59,200	15.7%	13.2%	14.9%	28.7%	27.5%	48.9%	51.1%
<b>Clwyd West</b>	73,500	16.8%	12.8%	14.5%	28.1%	27.8%	49.0%	51.0%
<b>Vale of Clwyd</b>	72,500	18.6%	15.0%	15.5%	27.2%	23.8%	48.9%	51.1%