Purpose of this brief
1. This report outlines the latest release of Office for National Statistics (ONS) 2016 based population projections which describe future population growth from 2016 to 2041 that were released on Thursday 24\textsuperscript{th} May 2018. The report is a supplement to the main projections report on County Durham – ‘2016 ONS Population Projections Summary Report’.

2. The figures quoted in this report cover the two Clinical Commissioning Groups (CCGs) in the county, namely the Durham Dales, Easington and Sedgefield group (DDES) and the North Durham group. Comparison figures for the county are also provided.

Using these data
3. These figures should be used as one of the key information sources to understand future population growth and demographic change in the CCGs in County Durham. ONS produce sub-national population projections at local authority and CCG level every two years. Because they are produced in consistent way across all local authority/CCG areas they are used as common framework informing local policy and planning across a number of different fields. These include:
   - Informing local planning of healthcare, education and other service provisions
   - Forming the basis for other products such as household projections
   - A basis for researchers and other organisations to produce their own projections

4. It should be noted that these data are not forecasts and do not attempt to predict the impact that any future policies, changing economic circumstances or other factors may have on local population change. They are, however, a reflection of what future population size and age structure would be realised if recent trends continue unchanged.

Key Messages
5. The overall population of County Durham is projected to grow by 3.0\% (+15,600\textsuperscript{1} people) between 2016 and 2026 to 537,300 people.
   a. Both CCGs show similar growth over this period with the DDES CCG increasing by 3.1\% (8,500 people) and the North Durham CCG increasing by 2.8\% (7,000 people).

6. Over the full projection period (2016 to 2041) the population of County Durham is projected to grow by 5.6\% (+29,000 people) rising from 521,800 to 550,800 people.
   a. Both CCG areas are projected to increase by 5.6\% (DDES 15,300 people, North Durham 13,800 people).

\textsuperscript{1} The sum of the CCGs may not add up to the County total due to rounding. %’s use exact figures.
7. The number of pre-school children aged 0 to 4 is projected to decrease by 3.6% (1,000 fewer) by 2026 to 26,900 children and then to continue to fall until 2036 when it will show a small recovery increasing to 27,600 by 2041. Overall this is fall of 1.1% over the period of the projections, a fall of 300 children.
   a. DDESS CCG is predicted to fall by 3.6% (500 fewer children) by 2026 with the North Durham CCG falling by 3.5% (500 fewer children). By 2041, as across the county both CCGs will see these numbers recovering, however for the full projection period there still will be falls of 1.1% and 1.0% respectively.

8. The number of children and young people aged 5 to 17 are predicted to increase by 4.7% (+3,400) by 2026 rising to 75,700 and then fall to 72,800 by 2041, an overall increase of only 0.6% 2016 to 2041.
   a. Both CCGs will increase by 4.7%, in line with the county, by 2026 (increases of 1,900 and 1,500 respectively) with overall growth slowing by 2041 with overall increases of only 0.7% and 0.6% respectively, (increases of 300 and 200 respectively).

9. The number of working age people aged 18 to 64 will fall by 1.8% (-5,500) by 2026 to 310,500 people and falling to 303,700 people by 2041, a fall of 3.9%.
   a. The DDESS CCG will fall by 1.8% (2,900 fewer people) by 2026 and North Durham CCG will fall by 1.7% (2,600 fewer people). This trend will continue up to 2041 with falls of 4.3% and 3.5% respectively.

10. The number of people aged 65 and over will increase by 17.8% (+15,600) by 2026 rising to 124,100 and then to 146,600 by 2041, an overall increase of 39.1%.
    a. Both CCGs will see a rise in this age group of 17.8% (increases of 10,100 and 8,600 people respectively) by 2026 and continue to rise up to 2041 with increases of 39.0% and 39.2% respectively. By 2041 it is projected that the 65+ population will be 79,200 people in the DDES CCG and 67,400 in North Durham (2016: 57,000 and 48,500 respectively).
    b. The proportion of the overall population aged 65 and over in the DDES CCG will increase from one in five people (20.8%) in 2016 to one in four people (27.3%) by 2041. North Durham CCG will increase just under one in six people (17.7%) in 2016 to nearly one in five people (23.3%) by 2041.

11. The 85 and over age group will increase by 26.8% (+3,300) by 2026 rising to 15,400 people and will more than double in size by 2041 rising to 26,000 people, an increase of 114.0% (+13,800 - from 12,200 in 2016).
    a. Both CCGs will see similar rises in this age group of 26.8% and 26.9% (increases of 1,800 and 1,500 people respectively) by 2026 and continue to rise up to 2041 and more than doubling with increases of 113.3% and 114.7% respectively. By 2041 it is projected that the 85+ population will be 13,900 people in the DDES CCG and 12,000 in North Durham (2016: 6,500 and 5,600 respectively).
13. The latest release from ONS provides future population figures for each CCG, local authority and government office region in England, broken down by single year of age and covers a period from **2016 to 2041**. For information on these projections for County Durham please refer to the main report ‘2016 ONS population projections Summary report’.

14. For the DDES CCG, the projected population increase to **2026** is around **8,500** additional people, an increase of **3.1%** (Table 1 below). This rate of growth is similar to the county as a whole (3.0%) and just over half that in England (5.9%), but higher than projected growth across the North East (1.9%).

15. The North Durham CCG is projected to increase by around **7,000** people by 2026, an increase of **2.8%** (Table 1). This rate of growth is again similar to the county as a whole (3.0%) and just under half that in England (5.9%), but higher than projected growth across the North East (1.9%). This imbalance in growth rates reflects the continuing trend of relatively high levels of population growth concentrated in London and the South East.

16. Over the longer term ONS project the DDES CCG to grow by **15,300 people by 2041** equivalent to a **5.6%** increase from a 2016 base. The North Durham CCG is projected to grow by **13,800** people, a rise of **5.6%** from a 2016 base.

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**Table 1: ONS 2016 projected change from 2016 for 2026 and 2041 by CCG**

<table>
<thead>
<tr>
<th>CCG</th>
<th>2016</th>
<th>2026</th>
<th>Change from 2016</th>
<th>% change from 2016</th>
<th>2041</th>
<th>Change from 2016</th>
<th>% change from 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDES</td>
<td>274,400</td>
<td>282,900</td>
<td>8,500</td>
<td>3.1%</td>
<td>289,700</td>
<td>15,300</td>
<td>5.6%</td>
</tr>
<tr>
<td>North Durham</td>
<td>247,400</td>
<td>254,400</td>
<td>7,000</td>
<td>2.8%</td>
<td>261,100</td>
<td>13,800</td>
<td>5.6%</td>
</tr>
<tr>
<td>County Durham</td>
<td>521,800</td>
<td>537,300</td>
<td>15,600</td>
<td>3.0%</td>
<td>550,800</td>
<td>29,000</td>
<td>5.6%</td>
</tr>
</tbody>
</table>

Source: ONS 2016 Population Projections. Figures round to nearest 100.
Figure 1: Projected population change by CCG (2017 to 2041) from a 2016 base year

Source: ONS 2016 Sub-national Population Projections

Population change by age group

17. **Children and young people aged 0 to 17**: In the DDES CCG the 0-17 age group will increase by 2.4% by 2026, but will only increase by 0.2% over the whole projection period. Similarly this age group will increase in the North Durham CCG by 2.3%, falling to a 0.2% increase over the projection period. Below is a further breakdown of this age group:

- **Children aged 0 to 4**: This age group is predicted to fall by 3.6% (-500) by 2026 in the DDES CCG and fall by 3.5% (-500) in North Durham. These fall will continue until around 2034 and then both CCGs will show some recovery with overall falls of only 1.1% and 1.0% respectively by 2041 (from a 2016 base).

- **Children aged 5 to 17**: This age group will increase in both CCGs by 4.7% by 2026, (increases of 1,900 and 1,500 respectively). However, the projections show that the bulk of this increase is between 2016 and 2023, with this age group falling over the remaining duration of the projections (see charts below). Over the full projection period this age group will increase by only 0.7% in the DDES CCG (300 increase) and 0.6% (200 increase) in the North Durham CCG.

- Corresponding figures 0 to 4 and 5 to 17 year olds for County Durham show that the 0 to 4 age group is predicted to fall by 1.1% while those aged 5 to 17 will increase by 0.6%.

18. **Working age people aged 18 to 64**: This group shows a consistent decline over the projection period with falls of 1.8% and 1.7% for each CCG by 2026 and 4.3% and 3.5% by 2041 (from a 2016 base). This age group will see falls across the CCGs of 7,100 and 5,300 people, respectively, by 2041. A similar pattern is seen across the county with falls of 1.8% and 3.9% for 2026 and 2041, which is in contrast to that across England where this age group is predicted to continue to increase with a 1.9% increase by 2026 and an increase of 3.3% by 2041 (both from a 2016 base).
19. **People aged 65 and over**: The predictions across the CCGs for the older people age groups are similar to that across the county, region and nationally for the projection period. People aged 65 and over are predicted to increase by **17.8%** across the CCGs (increases of **10,100** in DDES and **8,600** in North Durham) by 2026 and by **39.0%/39.2%** by 2041, increases of **22,200** and **19,000** people respectively.

20. **People aged 85 and over**: This age group will see the largest percentage increase over the projection period with this group more than doubling in size by 2041 with an increase of **113.3%** in DDES, rising from **6,500** people to **13,900** by 2041 and an increase of **114.7%** in North Durham, rising from **5,600** people to **12,000** by 2041. Further details are provided in the tables and figures below.

**Table 2a: Projected population change by main age groups in the CCGs and County Durham 2016 to 2026**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2016 Base</th>
<th>2026 Count</th>
<th>% change from 2016</th>
<th>2016 Base</th>
<th>2026 Count</th>
<th>% change from 2016</th>
<th>2016 Base</th>
<th>2026 Count</th>
<th>% change from 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4</td>
<td>15,000</td>
<td>14,500</td>
<td>-3.6%</td>
<td>12,900</td>
<td>12,400</td>
<td>-3.5%</td>
<td>27,900</td>
<td>26,900</td>
<td>-3.6%</td>
</tr>
<tr>
<td>5-17</td>
<td>39,700</td>
<td>41,600</td>
<td>4.7%</td>
<td>32,600</td>
<td>34,100</td>
<td>4.7%</td>
<td>72,300</td>
<td>75,700</td>
<td>4.7%</td>
</tr>
<tr>
<td>18-64</td>
<td>162,700</td>
<td>159,800</td>
<td>-1.8%</td>
<td>153,400</td>
<td>150,800</td>
<td>-1.7%</td>
<td>316,100</td>
<td>310,500</td>
<td>-1.8%</td>
</tr>
<tr>
<td>65+</td>
<td>57,000</td>
<td>67,100</td>
<td>17.8%</td>
<td>48,500</td>
<td>57,100</td>
<td>17.8%</td>
<td>105,400</td>
<td>124,100</td>
<td>17.8%</td>
</tr>
<tr>
<td>85+</td>
<td>6,500</td>
<td>8,300</td>
<td>26.8%</td>
<td>5,600</td>
<td>7,100</td>
<td>26.9%</td>
<td>12,100</td>
<td>15,400</td>
<td>26.8%</td>
</tr>
<tr>
<td>All People</td>
<td>274,400</td>
<td>282,900</td>
<td>3.1%</td>
<td>247,400</td>
<td>254,400</td>
<td>2.8%</td>
<td>521,800</td>
<td>537,300</td>
<td>3.0%</td>
</tr>
</tbody>
</table>

Source: ONS 2016 Population Projections. Figures round to nearest 100.

**Table 2b: Projected population change by main age groups in the CCGs and County Durham 2016 to 2041**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2016 Base</th>
<th>2041 Count</th>
<th>% change from 2016</th>
<th>2016 Base</th>
<th>2041 Count</th>
<th>% change from 2016</th>
<th>2016 Base</th>
<th>2041 Count</th>
<th>% change from 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4</td>
<td>15,000</td>
<td>14,900</td>
<td>-1.1%</td>
<td>12,900</td>
<td>12,800</td>
<td>-1.0%</td>
<td>27,900</td>
<td>27,600</td>
<td>-1.1%</td>
</tr>
<tr>
<td>5-17</td>
<td>39,700</td>
<td>40,000</td>
<td>0.7%</td>
<td>32,600</td>
<td>32,800</td>
<td>0.6%</td>
<td>72,300</td>
<td>72,800</td>
<td>0.6%</td>
</tr>
<tr>
<td>18-64</td>
<td>162,700</td>
<td>155,600</td>
<td>-4.3%</td>
<td>153,400</td>
<td>148,100</td>
<td>-3.5%</td>
<td>316,100</td>
<td>303,700</td>
<td>-3.9%</td>
</tr>
<tr>
<td>65+</td>
<td>57,000</td>
<td>79,200</td>
<td>39.0%</td>
<td>48,500</td>
<td>67,400</td>
<td>39.2%</td>
<td>105,400</td>
<td>146,600</td>
<td>39.1%</td>
</tr>
<tr>
<td>85+</td>
<td>6,500</td>
<td>13,900</td>
<td>113.3%</td>
<td>5,600</td>
<td>12,000</td>
<td>114.7%</td>
<td>12,100</td>
<td>26,000</td>
<td>114.0%</td>
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<td>All People</td>
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<td>521,800</td>
<td>550,800</td>
<td>5.6%</td>
</tr>
</tbody>
</table>

Source: ONS 2016 Population Projections. Figures round to nearest 100.
**Note:** The charts below by age group show a similar pattern of change for each area (both CCGS and the county), however they have been included in this report to highlight the pattern of change over the projection period 2016 to 2041.

**Figure 3a: Percentage change by CCG and County Durham (2016 to 2041) in the 0-4 age group**

![Graph showing percentage change by CCG and County Durham (2016 to 2041) in the 0-4 age group.](image)

Source: ONS 2016 Sub-national Population Projections

**Figure 3b: Percentage change by CCG and County Durham (2016 to 2041) in the 5-17 age group**

![Graph showing percentage change by CCG and County Durham (2016 to 2041) in the 5-17 age group.](image)

Source: ONS 2016 Sub-national Population Projections
Figure 3c: Percentage change by CCG and County Durham (2016 to 2041) in the 18-64 age group

Source: ONS 2016 Sub-national Population Projections

Figure 3d: Percentage change by CCG and County Durham (2016 to 2041) in the 65+ age group

Source: ONS 2016 Sub-national Population Projections
Figure 3e: Percentage change by CCG and County Durham (2016 to 2041) in the 85+ age group

Source: ONS 2016 Sub-national Population Projections

Useful links:
ONS: [http://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration](http://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration)
DurhamInsight: [www.durhaminsight.info](http://www.durhaminsight.info)

Contact: Research and Public Health Intelligence Team Tel: 03000 268032
Email: ina@durham.gov.uk