Maps of crop areas in 2000 and 2010 across England

Overview

This report provides maps of key agricultural activity across England, comparing spatial distributions in 2000 to 2010. Results are aggregated to 5km² level to give a good degree of resolution, whilst preserving the confidentiality of survey respondents.

Data limitations

The data are collected through the annual Defra June Survey of Agriculture of key agricultural activities (land areas, livestock numbers, labour force). In Census years (2000 and 2010), all farms in England were surveyed and responses were received from around 70% of farms. Estimates were made for the non-respondents and these maps are based on the combined dataset of actual responses and estimates.

Estimates are also made of the precise location of the land areas and livestock numbers so the values presented in these maps will not accurately reflect the actual activity in the 5km² grid square. They should be treated as a general picture for illustrative purposes only.

More detailed methodology of the June survey is available at http://www.defra.gov.uk/statistics/foodfarm/landuselivestock/junesurvey/junesurveyresults/

Contents

<table>
<thead>
<tr>
<th>Years available</th>
<th>Page number</th>
<th>England areas ('000 ha)</th>
<th>% change 2010/2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td>2000 and 2010</td>
<td>2 - 3</td>
<td>1 957</td>
</tr>
<tr>
<td>Barley</td>
<td>2000 and 2010</td>
<td>4 - 5</td>
<td>752</td>
</tr>
<tr>
<td>Winter oilseed rape</td>
<td>2000 and 2010</td>
<td>6 - 7</td>
<td>265</td>
</tr>
<tr>
<td>Maize</td>
<td>2000 and 2010</td>
<td>8 - 9</td>
<td>98</td>
</tr>
<tr>
<td>Regional map of England</td>
<td>2000 and 2010</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Further detailed statistics

Many other breakdowns of data from the June Survey of Agriculture can be found at http://www.defra.gov.uk/statistics/foodfarm/landuselivestock/junesurvey/junesurveyresults/

Alternatively, for more information please e-mail: farming-statistics@defra.gsi.gov.uk or telephone: ++44 (0)1904 455332
Area of wheat (hectares) by 5km2 grid squares: England 2000

Source: Defra June Survey of Agriculture
Crown Copyright. All rights reserved. Defra Licence no.100018880 2011
Area of wheat (hectares) by 5km2 grid squares: England 2010

Key
- <150 ha
- 150 - 300 ha
- 300 - 450 ha
- 450 - 600 ha
- >600 ha

Source: Defra June Survey of Agriculture
Crown Copyright. All rights reserved. Defra Licence no. 100018880 2011
Area of barley (hectares) by 5km2 grid squares: England 2010

Source: Defra June Survey of Agriculture
Crown Copyright. All rights reserved. Defra Licence no. 100018880 2011
Area of winter oilseed rape (hectares) 
by 5km2 grid squares: England 2000
Area of winter oilseed rape (hectares) by 5km2 grid squares: England 2010

Key

- <100 ha
- 100 - 200 ha
- 200 - 300 ha
- 300 - 400 ha
- >400 ha
Area of maize (hectares) by 5km² grid squares: England 2000
Area of maize (hectares) by 5km2 grid squares: England 2010

Key
- <20 ha
- 20 - 40 ha
- 40 - 80 ha
- 80 - 160 ha
- >160 ha
Maps of livestock populations in 2000 and 2010 across England

Overview

This report provides maps of key agricultural activity across England, comparing spatial distributions in 2000 to 2010. Results are aggregated to 5km$^2$ level to give a good degree of resolution, whilst preserving the confidentiality of survey respondents.

Data limitations

The data are collected through the annual Defra June Survey of Agriculture of key agricultural activities (land areas, livestock numbers, labour force). In Census years (2000 and 2010), all farms in England were surveyed and responses were received from around 70% of farms. Estimates were made for the non-respondents and these maps are based on the combined dataset of actual responses and estimates.

Estimates are also made of the precise location of the land areas and livestock numbers so the values presented in these maps will not accurately reflect the actual activity in the 5km$^2$ grid square. They should be treated as a general picture for illustrative purposes only.

More detailed methodology of the June survey is available at http://www.defra.gov.uk/statistics/foodfarm/landuselivestock/junesurvey/junesurveyresults/

Contents

<table>
<thead>
<tr>
<th>Years available</th>
<th>Page number</th>
<th>England livestock population ('000 head)</th>
<th>% change 2010/2000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2000</td>
<td>2010</td>
</tr>
<tr>
<td>Cattle</td>
<td>2000 and 2010</td>
<td>2 - 3</td>
<td>6 156</td>
</tr>
<tr>
<td>Dairy herd</td>
<td>2000 and 2010</td>
<td>4 - 5</td>
<td>1 575</td>
</tr>
<tr>
<td>Beef herd</td>
<td>2000 and 2010</td>
<td>6 - 7</td>
<td>781</td>
</tr>
<tr>
<td>Pigs</td>
<td>2000 and 2010</td>
<td>8 - 9</td>
<td>5 442</td>
</tr>
<tr>
<td>Sheep</td>
<td>2000 and 2010</td>
<td>10 - 11</td>
<td>19 144</td>
</tr>
<tr>
<td>Poultry</td>
<td>2010 only</td>
<td>12</td>
<td>129 696</td>
</tr>
</tbody>
</table>

Further detailed statistics

Many other breakdowns of data from the June Survey of Agriculture can be found at http://www.defra.gov.uk/statistics/foodfarm/landuselivestock/junesurvey/junesurveyresults/

Alternatively, for more information please e-mail: farming-statistics@defra.gsi.gov.uk or telephone: ++44 (0)1904 455332
Number of cattle by 5km² grid squares: England 2000

Source: Defra June Survey of Agriculture (changed to Cattle Tracing System from 2005 onwards)
Crown Copyright. All rights reserved. Defra Licence no.100018880 2011
Number of cattle by 5km² grid squares: England 2010

Key

- <250
- 250 - 500
- 500 - 1000
- 1000 - 3000
- >3000

Source: Defra Cattle Tracing System and June Survey of Agriculture
Crown Copyright. All rights reserved. Defra Licence no. 100018880 2011
Number of dairy cattle by 5km² grid squares: England 2000

Source: Defra June Survey of Agriculture (changed to Cattle Tracing System from 2005 onwards)
Definition of dairy cattle is all female dairy cattle and heifers that have calved i.e. the main milking herd.

Crown Copyright. All rights reserved. Defra Licence no.100018880 2011
Number of dairy cattle by 5km² grid squares:
England 2010

Source: Defra Cattle Tracing System and June Survey of Agriculture
Definition of dairy cattle is female dairy cattle over two years old with offspring i.e. the main milking herd.

Crown Copyright. All rights reserved. Defra Licence no. 100018880 2011
Number of beef cattle by 5km² grid squares: England 2000

Source: Defra June Survey of Agriculture (changed to Cattle Tracing System from 2005 onwards)
Definition of beef cattle is all female beef cattle and heifers that have calved i.e. the main beef breeding herd.

Crown Copyright. All rights reserved. Defra Licence no.100018880 2011
Number of beef cattle by 5km2 grid squares: England 2010

Source: Defra Cattle Tracing System and June Survey of Agriculture
Definition of beef cattle is female beef cattle over two years old with offspring i.e. the main beef breeding herd.

Crown Copyright. All rights reserved. Defra Licence no. 100018880 2011
Number of pigs by 5km2 grid squares:
England 2000

Key

- <500
- 500 - 1000
- 1000 - 2000
- 2000 - 5000
- >5000

Source: Defra June Survey of Agriculture
Crown Copyright. All rights reserved. Defra Licence no.100018880 2011
Number of sheep by 5km2 grid squares: England 2010

Key
- <1000
- 1000 - 2000
- 2000 - 4000
- 4000 - 8000
- >8000

Source: Defra June Survey of Agriculture
Crown Copyright. All rights reserved. Defra Licence no. 100018880 2011