The West of England: a Census based picture

Michael Legg
Joint Strategic Planning and Transportation Unit
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Outline

1. Emerging Regional Spatial Strategy
2. Census issues / geography
3. Population profile
4. Employment & travel to work
Emerging Regional Spatial Strategy

• Census provides essential background for sub-regional input into RSS development
• Selected issues identified in Draft RSS:
  – Climate change;
  – Economy;
  – Deprivation;
  – Housing demand / affordability; and
  – Transport.
• RSS stakeholder consultation Autumn
Census issues to be aware of...

• Under-enumeration
  – Mid-2001 population estimate 10,200 higher than 2001 Census

• Disclosure control rounding (SCAM)
West of England
Census Geographies

- 4 Unitary Authorities
- 143 Wards
- 653 Lower Level Super Output Areas
- 3,331 Output Areas

User defined:
- 20 Policy Sub-areas
- 18 Zones for 1991-2001 comparison
West of England: Zones for comparing 1991 and 2001 Census data
West of England Population

• 1,006,600 people  (ONS mid-2004 population estimates)
• 20% of the people living in the South West
• Younger age profile than South West
Ageing population

• Total population projected to increase by **136,100** people between 2001-26 (ONS 2003-based population projections)

• **75,500** of this increase will be people over 60 years old

• However, only limited growth in people over 60 years old in Bristol **4,400 (6%)**
Percentage Population age structure change 2001-2026

ONS 2003-based population projections Crown Copyright

West of England
Rest of South West

<table>
<thead>
<tr>
<th>Age group</th>
<th>Percentage of Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-19</td>
<td>2.2</td>
</tr>
<tr>
<td>20-39</td>
<td>11.3</td>
</tr>
<tr>
<td>40-59</td>
<td>8.9</td>
</tr>
<tr>
<td>60+</td>
<td>36.5, 61.3</td>
</tr>
</tbody>
</table>
Migration

• West of England has a younger age structure of migrants than the rest of the South West

• **35%** of in-migrants were Students (2001 Census SMS105)
Net migration with England & Wales by age
2001 Census SMS101 ONS Crown Copyright

Age group: 1 to 2, 3 to 4, 5 to 9, 10 to 11, 12 to 14, 15, 16 to 17, 18 to 19, 20 to 24, 25 to 29, 30 to 34, 35 to 39, 40 to 44, 45 to 49, 50 to 54, 55 to 59, 60 to 64, 65 to 69, 70 to 74, 75 to 79, 80 to 84, 85 to 89, 90+.
West of England migration flows with English Regions & Wales

2001 Census SMS101 ONS Crown Copyright

IN
OUT
NET
Full-time students aged 18-74

2001 Census KS013 ONS Crown Copyright

West of England 42,800
6.2%

Rest of South West
3.2%

England
4.5%
Full-time students aged 18-74 percent

Source: 2001 Census, K3013, SOA, ONS Crown Copyright

- 58.3 to 66.7
- 50 to 58.3
- 41.7 to 50
- 33.4 to 41.7
- 25.1 to 33.4
- 16.8 to 25.1
- 8.5 to 16.8
- 0.2 to 8.5
Black & Minority Ethnic Groups
2001 Census KS06 ONS Crown Copyright

West of England
4.5%

Rest of South West
1.7%

England
9.1%
Black and ethnic minority population percent

Source: 2001 Census, K306, SOA, ONS Crown Copyright

Percent of SOA Population

- 44.8 to 50.9
- 38.4 to 44.6
- 32 to 38.4
- 25.6 to 32
- 19.2 to 25.6
- 12.8 to 19.2
- 8.4 to 12.8
- 0 to 6.4
Index of Multiple Deprivation 2004

Source: ODPM

- Worst 10% nationally
- Worse than average rank
- Better than average rank
- Least deprived 10% nationally
Deprivation

- **95** Super Output Areas (SOAs) in the South West within the 10% most deprived nationally
- **40** of these SOAs are within the West of England
- **60,350** people live in these SOAs
Where people work

• Large centres of employment:
  – Bristol City Centre;
  – North Fringe;
  – North Bristol;
  – Bath;
  – South Bristol; and
  – Weston-super-Mare.
West of England: Workplace long distance commuting

Percentage of workplace population travelling over 20km to work by Sub-area

Source: 2001 Census (UV80)
ONS Crown Copyright

- Red: 18.6 to 20.3
- Dark Red: 14.8 to 16.7
- Medium Red: 12.9 to 14.8
- Light Red: 11 to 12.9
- Lighter Red: 9.1 to 11
- Pale Red: 7.2 to 9.1
- Lightest Red: 5.3 to 7.2
West of England: Workplace car based commuting

Percentage of workplace population travelling to work by car by Sub-area

Source: 2001 Census (UV07)
ONS Crown Copyright

- Red: 79.4 to 83.4
- Medium Red: 75.7 to 79.4
- Light Red: 72 to 75.7
- Light Pink: 68.3 to 72
- Very Light Pink: 64.6 to 68.3
- Pale Pink: 60.9 to 64.6
- White: 57.2 to 60.9
- Light Grey: 53.5 to 67.2

The map illustrates the percentage of workplace population travelling to work by car by sub-area in the West of England, using data from the 2001 Census (UV07). The colors represent different ranges of percentages, with red indicating the highest and white the lowest.
Growth of the North & East Fringe

• The North & East Fringe of Bristol has been one of the fastest growing areas;
• Rapid expansion of employment, housing and population; and
• Increased in-commuting.
West of England:
% ward population change 1991 to 2001

Sources: GLA 1991, ONS 2001

Key:
- 200 to 510
- 100 to 200
- 50 to 100
- 25 to 50
- 10 to 25
- 0 to 10
- -10 to 0
- -15 to -10
West of England:
Ward dwelling change 1991 to 2001

Source: Local Authority RLS

- Red: 2,000 to 3,000
- Orange: 1,000 to 2,000
- Pink: 500 to 1,000
- Light pink: 200 to 500
- Light grey: 100 to 200
- Grey: 0 to 100
- Dark grey: -30 to 0
<table>
<thead>
<tr>
<th>Area</th>
<th>Net Commuting Change 1991-2001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bath</td>
<td>2,500</td>
</tr>
<tr>
<td>Norton Radstock</td>
<td>-1,200</td>
</tr>
<tr>
<td>Keynsham</td>
<td>-100</td>
</tr>
<tr>
<td>B&amp;NES (Remainder)</td>
<td>-1,800</td>
</tr>
<tr>
<td>Central and North Bristol</td>
<td>-6,900</td>
</tr>
<tr>
<td>South Bristol</td>
<td>-500</td>
</tr>
<tr>
<td>East Bristol</td>
<td>-3,600</td>
</tr>
<tr>
<td>North West Bristol</td>
<td>-2,800</td>
</tr>
<tr>
<td>Weston-super-Mare</td>
<td>-400</td>
</tr>
<tr>
<td>Nailsea and Backwell</td>
<td>2,000</td>
</tr>
<tr>
<td>Portishead</td>
<td>2,700</td>
</tr>
<tr>
<td>Royal Portbury and Pill</td>
<td>-500</td>
</tr>
<tr>
<td>Clevedon</td>
<td>-1,900</td>
</tr>
<tr>
<td>North Somerset (Remainder)</td>
<td>2,100</td>
</tr>
<tr>
<td>North and East Fringe</td>
<td>400</td>
</tr>
<tr>
<td>Yate / Chipping Sodbury</td>
<td>500</td>
</tr>
<tr>
<td>South Gloucestershire North West</td>
<td>800</td>
</tr>
<tr>
<td>South Gloucestershire East</td>
<td>1,900</td>
</tr>
<tr>
<td>North and East Fringe</td>
<td>-1,900</td>
</tr>
<tr>
<td>South Gloucestershire East</td>
<td>-2,500</td>
</tr>
<tr>
<td>Other areas</td>
<td>-5,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15,800</strong></td>
</tr>
</tbody>
</table>

Key messages

• West of England / Bristol is different in character from the Rest of the South West
• Areas of severe deprivation;
• Ageing population, but less than SW; and
• Rapid areas of expansion, particularly North & East Fringe of Bristol.
Further information available at:

www.intelligencewest.org.uk
www.westofengland.org