Queensland’s future population

- Projected growth
  - Longer term
  - Short term – next 10 years
- What are the growing regions and areas?
  - South East Queensland
  - Regional Queensland
- Projections by age
- Future challenges
Australia’s population: size & distribution

As at 30 September 2010 except for SEQ* at 30 June 2010
Source: ABS CAT No 3101.0

Australia: 22.4million

SEQ population is more than the combined WA, NT and Tas populations

Western Australia
- 10.3%
- 2.3m

Northern Territory
- 1.0%
- 0.2m

Queensland
- 20.2%
- 4.5m

New South Wales
- 32.4%
- 7.2m

Victoria
- 24.8%
- 5.6m

South Australia
- 7.4%
- 1.6m

Tasmania
- 2.3%
- 0.5m

 ACT
- 1.6%
- 0.36m

SEQ*
- 13.9%
- 3.1m
Recent growth in four key states

Years ending September
Source: ABS 3101.0 Sept qtr 2010
Longer term growth, Queensland

Source: ABS Cat No 3105.0.65.005 and Cat No 3101.0
Actual & projected population, Queensland 1976 to 2056

- **Actual**
  - 2.09m in 1976
  - 4.5m in 2010

- **Projected**
  - **High**
    - Between 5.3m – 5.9m at 2021
    - 10m in 2056
  - **Medium**
    - Between 7.3m – 11.1m at 2056
  - **Low**

Source: ABS Cat No 3105.0, 3218.0 & Queensland Government population projections 2011 edition
Queensland’s future growth: key facts

- 4.1m in 2006 (estimated at around 4.6m in 2011)
- Growth 2011-2021
  - around 980,000 (medium series)
  - around 694,000 (low series)
- Compared with estimated growth 2001–2010 of 952,000
- Future growth
  - Low series projects slowing average growth each decade
  - Medium series projects average growth of around 100,000 pa
  - High series projects increasing average growth each decade

<table>
<thead>
<tr>
<th>Population</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 million</td>
<td>1938</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 million</td>
<td></td>
<td>1974</td>
<td></td>
</tr>
<tr>
<td>3 million</td>
<td></td>
<td></td>
<td>1992</td>
</tr>
<tr>
<td>4 million</td>
<td></td>
<td></td>
<td>2006</td>
</tr>
<tr>
<td>5 million</td>
<td>2017</td>
<td>2016</td>
<td>2014</td>
</tr>
<tr>
<td>6 million</td>
<td>2032</td>
<td>2026</td>
<td>2022</td>
</tr>
<tr>
<td>7 million</td>
<td>2050</td>
<td>2036</td>
<td>2030</td>
</tr>
<tr>
<td>8 million</td>
<td></td>
<td>2045</td>
<td>2037</td>
</tr>
<tr>
<td>9 million</td>
<td></td>
<td>2055</td>
<td>2043</td>
</tr>
<tr>
<td>10 million</td>
<td></td>
<td></td>
<td>2050</td>
</tr>
</tbody>
</table>

Source: ABS Cat No 3105.0, 3218.0 & Queensland Government population projections 2011 ed. low, medium & high series
Comparing past and projected future growth, Queensland

Note: all numbers rounded to nearest hundred
Source: ABS Cat No 3101.0 & Queensland Government population projections 2011 ed. low, medium & high series
Past and projected annual growth, Queensland 2001-2021, years ending June

Source: ABS Cat. No 3101.0, and Queensland Government population projections 2011 edition
Population change by SD, 2011 - 2021

Far North

| Total population change 2011 - 2021 | 46,363 |
| Share of population growth 2011 - 2021 | 4.7% |
| Population at June 2021 | 327,315 |

Kilometres
10 largest growing local government areas
Queensland 2011-2021

<table>
<thead>
<tr>
<th>Rank</th>
<th>Local Government Area</th>
<th>2011</th>
<th>2021</th>
<th>No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Gold Coast (C)</td>
<td>544,165</td>
<td>677,929</td>
<td>13,376</td>
<td>2.2</td>
</tr>
<tr>
<td>2</td>
<td>Brisbane (C)</td>
<td>1,085,614</td>
<td>1,210,093</td>
<td>12,448</td>
<td>1.1</td>
</tr>
<tr>
<td>3</td>
<td>Ipswich (C)</td>
<td>175,469</td>
<td>286,430</td>
<td>11,096</td>
<td>5.0</td>
</tr>
<tr>
<td>4</td>
<td>Sunshine Coast (R)</td>
<td>338,429</td>
<td>420,439</td>
<td>8,201</td>
<td>2.2</td>
</tr>
<tr>
<td>5</td>
<td>Moreton Bay (R)</td>
<td>390,204</td>
<td>467,860</td>
<td>7,766</td>
<td>1.8</td>
</tr>
<tr>
<td>6</td>
<td>Logan (C)</td>
<td>289,010</td>
<td>365,443</td>
<td>7,643</td>
<td>2.4</td>
</tr>
<tr>
<td>7</td>
<td>Townsville (C)</td>
<td>191,119</td>
<td>241,684</td>
<td>5,057</td>
<td>2.4</td>
</tr>
<tr>
<td>8</td>
<td>Cairns (R)</td>
<td>172,890</td>
<td>207,756</td>
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<td>9</td>
<td>Mackay (R)</td>
<td>121,397</td>
<td>156,117</td>
<td>3,472</td>
<td>2.5</td>
</tr>
<tr>
<td>10</td>
<td>Toowoomba (R)</td>
<td>164,501</td>
<td>198,591</td>
<td>3,409</td>
<td>1.9</td>
</tr>
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Source: Queensland Government Population Projections
2011 edition medium series
### 10 largest growing local government areas

**Regional Queensland 2011-2021**

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<td>3,409</td>
<td>1.9</td>
</tr>
<tr>
<td>5</td>
<td>Fraser Coast (R)</td>
<td>104,855</td>
<td>130,005</td>
<td>2,515</td>
<td>2.2</td>
</tr>
<tr>
<td>6</td>
<td>Gladstone (R)</td>
<td>62,982</td>
<td>85,655</td>
<td>2,267</td>
<td>3.1</td>
</tr>
<tr>
<td>7</td>
<td>Rockhampton (R)</td>
<td>117,612</td>
<td>138,933</td>
<td>2,132</td>
<td>1.7</td>
</tr>
<tr>
<td>8</td>
<td>Bundaberg (R)</td>
<td>98,533</td>
<td>117,585</td>
<td>1,905</td>
<td>1.8</td>
</tr>
<tr>
<td>9</td>
<td>Whitsunday (R)</td>
<td>35,743</td>
<td>46,008</td>
<td>1,027</td>
<td>2.6</td>
</tr>
<tr>
<td>10</td>
<td>Central Highlands (R)</td>
<td>31,861</td>
<td>40,880</td>
<td>902</td>
<td>2.5</td>
</tr>
</tbody>
</table>

Age by sex, Queensland, 1981, 2006, 2031

Projected growth by age, Queensland, 2010 - 2020

Focus on the baby boomers

- The first baby boomers reached age 65 in 2011
- By 2020, the oldest boomers will be 74
- What will happen to older people’s participation rates?

Labour force participation rates, Queensland, 10 yrs to 2009-10

Source: ABS, 2010. Detailed labour force status data cube
Focus on the over 65s, Queensland

Population aged 65 and over

- 2010: 578,000
- 2015: 731,000
- 2020: 890,500

Population aged 85 and over

- 2010: 75,000
- 2015: 100,000
- 2020: 120,000

Annual change in 20-24 years & 60-64 years age groups, Queensland

Focus on people in main working age groups, Queensland

Annual change in population aged 20-64 years, Queensland, 1982-2031


Large cohort of baby boomers turn 65

Average 2002-2010: 62,100
Average 2011-2031: 46,000
Growth of working age population slows, Queensland

Annual % change in population aged 20-64 years, Queensland, 1982-2031

Key findings of the 2011 edition population projections

• Queensland is projected to experience continuing growth
  – Short term - somewhat lower than recent growth
  – Medium term – returning to higher levels of growth as the economy recovers, the mining boom #2 ramps up and creates significant job opportunities

• SEQ will continue to receive the majority of growth (70% over next decade)
  – Gold Coast, Ipswich & Brisbane - each more than 10,000 pa
  – Sunshine Coast, Moreton Bay and Logan - each growing more than 7,500 people pa in 10 years to 2021 (medium series)
Key findings of the 2011 edition population projections

- Key regional cities are also projected to grow strongly
  - Townsville, Cairns, Mackay and Toowoomba – each to grow more than 3,400 people pa (medium series)
  - Fraser Coast, Gladstone, Rockhampton – more than 2,200 pa
  - Central Highlands – 900 people pa – limited residential growth in mining communities

- Regional growth concentrated in key cities – focus is coast and resources

- 36% of total growth in next decade will be in 65 years and over cohort
Future challenges

• Significant increases in the numbers of people aged 65 years and over
  – 85 years and over growing from 75,000 in 2010 to 120,000 in 2020

• But all age groups will grow – spreading demand across cohorts

• It is anticipated that more people will exit the key working ages than will enter

• Competition for labour – supplemented by overseas workers?
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