Skills Shortages in the Greater Brisbane Labour Market 2012-2021
2013 Update
2013 Update

Main Report
Skills shortages in the Greater Brisbane Labour Market 2012-2021 – 2013 Update

Supplementary Report
Issues relating to skills shortages and labour force management in the Greater Brisbane Labour Market
### Overview of the findings

**Previous 2011 Report**
- Forecast 343,000 new jobs needed over the 2012-2021 period in the Greater Brisbane Labour Market (GBLM)
  - 136,410 Professionals
  - 62,403 Managers
  - 46,202 Technicians and Trades persons
  - 26,937 Clerical and Administrative workers

**Report Update (18 months later)**
- Forecast of an additional 292,500 jobs (a reduction 50,500 jobs) comprised of:
  - 107,000 Professionals
  - 42,000 Technicians and Tradespersons
  - 37,812 Clerical and Administrative workers
  - 34,128 Community & Personal service workers (up from 26,937)
  - 33,404 Managers
Why the reduction from 2011?

• Significant shifts in available data
• Changes in general labour force conditions
• Ease in the mining boom

This is to be viewed as a short-term phenomenon – it is expected that the labour market will revert over the next couple of years to the previous estimate of 343,000 new jobs.
Forecasts of additional employees required for the period 2013-2021, by major occupational groups, GBLM

<table>
<thead>
<tr>
<th>Occupations</th>
<th>Persons to Employ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managers</td>
<td>33,404</td>
</tr>
<tr>
<td>Professionals</td>
<td>107,533</td>
</tr>
<tr>
<td>Technicians and trades workers</td>
<td>42,001</td>
</tr>
<tr>
<td>Community and personal service workers</td>
<td>34,128</td>
</tr>
<tr>
<td>Clerical and administrative workers</td>
<td>37,812</td>
</tr>
<tr>
<td>Sales workers</td>
<td>14,836</td>
</tr>
<tr>
<td>Machinery operators and drivers</td>
<td>12,436</td>
</tr>
<tr>
<td>Labourers</td>
<td>10,323</td>
</tr>
</tbody>
</table>

a Occupational major groups are classified according to ANZSCO 2006 classifications structure.  
Note: Forecasts of additional employees required by major occupational groups for the Greater Brisbane Labour Market were estimated by subtracting baseline predictions of total employment by major occupational groups in 2021 by total employed persons by major occupational groups in May quarter 2011.
Forecasts of additional employees required for the period 2012-2021 by industry divisions, GBLM

<table>
<thead>
<tr>
<th>Industry</th>
<th>Persons to employ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, forestry and fishing</td>
<td>33</td>
</tr>
<tr>
<td>Mining</td>
<td>13,793</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>7,916</td>
</tr>
<tr>
<td>Electricity, gas, water and waste services</td>
<td>2,595</td>
</tr>
<tr>
<td>Construction</td>
<td>26,720</td>
</tr>
<tr>
<td>Wholesale trade</td>
<td>156</td>
</tr>
<tr>
<td>Retail trade</td>
<td>20,478</td>
</tr>
<tr>
<td>Accommodation and food services</td>
<td>20,911</td>
</tr>
<tr>
<td>Transport, postal and warehousing</td>
<td>19,082</td>
</tr>
<tr>
<td>Information media and telecommunications</td>
<td>2,672</td>
</tr>
<tr>
<td>Financial and insurance services</td>
<td>3,942</td>
</tr>
<tr>
<td>Rental, hiring and real estate services</td>
<td>7,342</td>
</tr>
<tr>
<td>Professional, scientific and technical services</td>
<td>46,731</td>
</tr>
<tr>
<td>Administrative and support services</td>
<td>13,847</td>
</tr>
<tr>
<td>Public administration and safety</td>
<td>26,114</td>
</tr>
<tr>
<td>Education and training</td>
<td>21,153</td>
</tr>
<tr>
<td>Health care and social assistance</td>
<td>44,448</td>
</tr>
<tr>
<td>Arts and recreation services</td>
<td>6,206</td>
</tr>
<tr>
<td>Other services</td>
<td>6,389</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>292,478</strong></td>
</tr>
</tbody>
</table>

\( a \) Industries are classified according to ANZSIC 2006 divisional structure.

**Note**: Forecasts of additional employees required by industry divisions for the Greater Brisbane Labour Market were estimated by subtracting baseline predictions of total employment by industry divisions in 2021 by total employed persons by industry divisions in May quarter 2011.
Structural changes in the Greater Brisbane Labour Market

1. Pronounced shift in employment - by occupation and industry

2. Shift in distribution of workforce qualifications

3. GBLM develop as professional service hub for adjoining regions

1. Shift into Managerial, Professional and other service provisions

2. Shift into Mining, Public Administration and Safety, Health Care and Social Assistance, Education and Training, and Accommodation and Food Services industries

1. Above national growth in higher level post school qualifications;

2. Broadly in line with national growth in diplomas and upper level Certificates

According to occupational employment baseline growth rates for 2013-2021
URBAN CENTRES WITH THE MOST USUAL RESIDENTS EMPLOYED IN THE MINING INDUSTRY

Source: ABS Census of Population and Housing
Sunshine Coast – future occupational structure

- Professionals
- Technicians and trades workers
- Managers
- Clerical and administrative workers
- Community and personal service workers
- Sales workers
- Labourers
- Machinery operators and drivers

Persons employed by industry (000s)
Sunshine Coast – future industry structure

- Health care and social assistance
- Education and training
- Retail trade
- Professional, scientific and technical services
- Construction
- Accommodation and food services
- Transport, postal and warehousing
- Rental, hiring and real estate services
- Financial and insurance services
- Administrative and support services
- Arts and recreation services
- Manufacturing
- Public administration and safety
- Wholesale trade
- Other services
- Mining
- Agriculture, forestry and fishing
- Information media and telecommunications
- Electricity, gas, water and waste services

Persons employed by industry (000s)
Digital disruption is dramatically changing the way business operates.
Analysis, Implications and Recommendations

- The projected increase in employment is not able to be serviced by current domestic supply on current trends.
- There will be absolute skill shortages, particularly of high skill occupations.
- There will be a need for higher-skill workers from interstate, intrastate and overseas.
- There will be a need to upskill existing workers.
- Brisbane will continue to develop as a professional service hub for the whole of Queensland.
- There will need to be an emphasis on higher level academic, technical and workplace qualifications.
- There will be a need for wise and targeted career choices.
Your quest starts here...
Thank you

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