City of Edinburgh
Current and Future Skills Demand

Regional Skills Assessments (RSAs) are a single, agreed evidence base created to inform future investment in skills. This infographic is for City of Edinburgh, all RSA regional Summary reports can be found online. It uses Oxford Economics forecasts* for the 2019-2029 period to show current and future economic contribution, as well as current and future demand for skills.

The Economy

Gross Value Added (GVA)\(^1\) in 2019

<table>
<thead>
<tr>
<th>Total GVA</th>
<th>£22,980m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Authority</td>
<td>17%</td>
</tr>
<tr>
<td>GVA is:</td>
<td></td>
</tr>
<tr>
<td>of total Scottish output</td>
<td></td>
</tr>
</tbody>
</table>

Forecast annual growth (2019-2029):

<table>
<thead>
<tr>
<th>City of Edinburgh</th>
<th>2.3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scotland</td>
<td>1.7%</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>2.0%</td>
</tr>
</tbody>
</table>

Productivity (GVA per job) in 2019

<table>
<thead>
<tr>
<th>Local Authority productivity</th>
<th>£64,200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scottish productivity is:</td>
<td>£50,400</td>
</tr>
</tbody>
</table>

Forecast annual growth (2019-2029):

<table>
<thead>
<tr>
<th>City of Edinburgh</th>
<th>1.3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scotland</td>
<td>1.4%</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>1.5%</td>
</tr>
</tbody>
</table>

Current Demand for Skills (2019)

Total Employment in 2019\(^3\)

<table>
<thead>
<tr>
<th>Total Employment</th>
<th>358,100 jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 2009-2019, Total Employment:</td>
<td>up by 6% or 19,700 jobs</td>
</tr>
<tr>
<td>Compared to a Scottish increase of 1%</td>
<td></td>
</tr>
</tbody>
</table>

Sectoral Employment

Top 3 employing sectors in 2019:

- Human health & social work (52,300 jobs)
- Wholesale & retail (39,000 jobs)
- Education (35,300 jobs)

Skills Shortages and Gaps

The percentage of skills shortage vacancies and skills gaps in the Edinburgh, East and Midlothian region are:\(^5\):

- **Skills Shortage Vacancies**\(^6\):
  - Edinburgh, East and Midlothian: 21%
  - 4 ppt increase from 2015
  - Compared to Scotland: 24%

- **Skills Gaps**\(^7\):
  - Edinburgh, East and Midlothian: 4.2%
  - 1.0 ppt increase from 2015
  - Compared to Scotland: 5.0%

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* As with all forecasts, certain caveats need to be applied. They are based on what we know now and include past and present trends projected into the future. Their value is in identifying likely directions of travel rather than predicting exact figures. It is recommended therefore that users examine trends over time rather than focusing on changes in individual years. Finally, the more disaggregated they become, especially at smaller geographical units, the less reliable they are likely to be.

\(^1\) GVA is the measure of the value of goods and services produced within the economy.

\(^2\) Forecasts by Oxford Economics (unless otherwise stated).

\(^3\) Measured by total number of jobs.

\(^4\) Higher level occupations are defined as Managers, directors & senior officials, Professional occupations, and Associate professional & technical occupations; Mid level occupations: defined as Administrative & secretarial occupations, Skilled trade occupations, Caring, leisure and other service occupations; Lower level occupations: defined as Sales & customer service occupations, Process, plant & machine operatives, Elementary occupations. Data shown is workplace-based.


\(^6\) Base: All establishments with vacancies (only 2017 shown). Skill-shortage vacancies as a proportion of all vacancies. This may be due to a lack of skills, qualifications or experience amongst applicants.

\(^7\) Base: All establishments (only 2017 shown). Skills gaps: the proportion of the workforce lacking full proficiency.
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Future Supply

Population 2016-2041

Total population:
up by 15% or 76,000 people

Forecast change:
City of Edinburgh: 15%
Scotland: 5%
United Kingdom: 11%

Working age population (16-64):
up by 9% or 31,700 people

Forecast change:
City of Edinburgh: 9%
Scotland: -4%
United Kingdom: 8%

Future Job Openings

From 2019 to 2029 there will be a requirement for:

33,300 people Expansion Demand
136,300 people Replacement Demand

169,600 people to fill Job Openings

Occupational structure 2029:

59% Higher level occupations
19% Mid-level occupations
21% Lower level occupations

Future Demand for Skills

From 2019-2029, Total Employment:
up by 10% or 34,900 jobs

Forecast average annual change:
City of Edinburgh: 0.9%
Scotland: 0.3%
United Kingdom: 0.5%

Top 3 employing sectors in 2029 are forecast to be:

Human health & social work (59,100 jobs)
Wholesale & retail (42,000 jobs)
Professional, scientific & technical (41,200 jobs)

From 2019 to 2029
The largest employment growth is forecast in:

Admin & support services (22%)
Professional, scientific & technical (20%)
Construction (19%)

The largest employment decreases are forecast in:

Mining & quarrying (-28%)
Manufacturing (-17%)
Electricity, gas, steam and air conditioning (-10%)

Evidence Base Team