Dumfries and Galloway
Current and Future Skills Demand

The Economy

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

- Total regional GVA is: £2,741m
- \(2\%\) of total Scottish output

Forecast annual growth (2019-2029):
- Dumfries and Galloway: \(1.2\%\)
- Scotland: \(1.7\%\)
- United Kingdom: \(2.0\%\)

Productivity (GVA per job) in 2019

- Regional productivity is: £39,400
- Scottish productivity is: £50,400

Forecast annual growth (2019-2029)
- Dumfries and Galloway: \(1.3\%\)
- Scotland: \(1.4\%\)
- United Kingdom: \(1.5\%\)

Current Demand for Skills

Total Employment in 2019 \(^3\)

- 69,600 jobs

From 2009-2019, Total Employment:

- up by \(2\%\) or 1,400 jobs
- Compared to a Scottish increase of \(1\%\)

Sectoral Employment

Top 3 employing sectors in 2019:

- Human health & social work (11,300 jobs)
- Wholesale & retail (10,900 jobs)
- Manufacturing (6,800 jobs)

Employment by Occupation (people)

Occupational structure 2019 \(^4\):

- \(33\%\) Higher level occupations
- \(37\%\) Mid-level occupations
- \(31\%\) Lower level occupations

Skills Shortages and Gaps

The percentage of skills shortage vacancies and skills gaps in the Dumfries and Galloway region are:

- Skills Shortage Vacancies
  - Dumfries and Galloway: \(32\%\)
  - \(-7\) ppt decrease from 2015
  - Compared to Scotland: \(24\%\)

- Skills Gaps
  - Dumfries and Galloway: \(5.0\%\)
  - \(0.6\) ppt increase from 2015
  - Compared to Scotland: \(5.0\%\)

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

\(^2\) 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.

\(^3\) GVA is the measure of the value of goods and services produced within the economy. Forecasts by Oxford Economics (unless otherwise stated).

\(^4\) Measured by total number of jobs.

\(^5\) ‘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 trades occupations; Caring, leisure and other service occupations; and 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 shortages are 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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RSA Infographic 2019

Regional Skills Assessments (RSAs) are a single, agreed evidence base created to inform future investment in skills. This infographic is for Dumfries and Galloway, and supplements the region’s RSA Summary report. 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.
Future Job Openings

From 2019 to 2029 there will be a requirement for:

-1,000 people Expansion Demand

20,900 people Replacement Demand

19,900 people to fill Job Openings

Occupational structure 2029:

- 28% Higher level occupations
- 28% Mid-level occupations
- 44% Lower level occupations

Future Demand for Skills

From 2019-2029, Total Employment:

down by 1% or 900 jobs

Forecast average annual change:
- Dumfries and Galloway: -0.1%
- Scotland: 0.3%
- United Kingdom: 0.5%

Top 3 employing sectors in 2029 are forecast to be:

- Human health & social work (11,200 jobs)
- Wholesale & retail (10,900 jobs)
- Manufacturing (5,700 jobs)

From 2019 to 2029

The largest employment growth is forecast in:

- Admin & support services (9%)
- Arts, entertainment & recreation (8%)
- Professional, scientific & technical (7%)

The largest employment decreases are forecast in:

- Mining & quarrying (-28%)
- Manufacturing (-17%)
- Public admin. & defence (-13%)

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Population 2016-2041

Total population: down by 5% or 7,700 people

Forecast change:
- Dumfries and Galloway: -5%
- Scotland: 5%
- United Kingdom: 11%

Working age population (16-64): down by 18% or 16,000 people

Forecast change:
- Dumfries and Galloway: -18%
- Scotland: -4%
- United Kingdom: 8%

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Source: National Records of Scotland.

Expansion demand is the measure of an increase/decrease in jobs, as a result of economic growth or contraction; replacement demand is the number of job openings generated through labour market churn (i.e. those who retire, move away, or change jobs). N.B. Figures are rounded to the nearest 100 and as a result totals may not equal the sum of the constituent parts.