

Regional Skills Assessment Argyll and Bute Growth Deal

October 2024



Regional Skills Assessments

First launched in 2014, the Regional Skills
Assessments (RSAs) provide a robust and consistent
evidence base to support partners in strategic
skills investment planning. Skills Development
Scotland (SDS) has worked with key partners and
stakeholders in the production of RSAs to ensure an
inclusive approach to their development,
dissemination and utilisation.

RSAs include forecast data that has been commissioned through Oxford Economics. The Technical Note¹ provides full detail on the caveats that must be applied when using forecast data, but broadly, it should be noted that:

- Forecasts are based on what we know now and include past and present trends projected into the future.
- The more disaggregated they become, especially at smaller geographical units, the less reliable they are likely to be.
- Their value is in identifying likely directions of travel rather than predicting exact figures.
- The forecasts do not account for national or regional activities, initiatives or investments that are planned.

Industries and occupations used in the RSAs are defined by standard industrial classifications (SIC)² and standard occupational classifications (SOC).³

This RSA report is for Argyll and Bute Growth Deal, which covers the Argyll and Bute local authority. Throughout the RSA we refer to the region as Argyll and Bute.

The RSAs are part of a suite of Labour Market Insight publications by SDS. Other products in the suite include:



Economy, People and Skills report which provides succinct and up-to-date evidence on Scotland's economy, businesses and people. It is updated monthly.



<u>Sectoral Skills Assessments</u> provide Labour Market Insight for key sectors across Scotland. These are updated annually.



The **Data Matrix** is an interactive tool, offering more detailed data from a variety of sources in a visually engaging format. It is updated frequently.

Throughout the report, we indicate where local authority information is available through the Data Matrix. The Data Matrix also contains additional data for the region, including data on employment, unemployment, and economic inactivity from the Annual Population Survey. These are available under the theme Skills Supply.

RSA Summary Infographics are also available, which provide a summary of the forecast data down to local authority level.

Alongside the suite of Labour Market Insight publications, SDS also produces a wide range of reports such as statistics on Modern Apprenticeships and the Annual Participation measure for 16-19 year olds. This includes a wide range of data related to equalities. Further information can be found on the Publications and Statistics section of the SDS website.

We value user feedback on the Regional Skills Assessments. If you would like to provide feedback, please do so here.. For any further information or queries on the RSAs or any of our other products, please contact: RSA@sds.co.uk

We held a series of webinars to complement the publication of the Regional Skills Assessments.



Argyll and Bute Growth Deal was covered as part of the Highlands and Islands RSA webinar. The recording of this webinar can be found on the SDS YouTube Channel here.

You can also watch the webinars for other regions and key sectors in Scotland <u>here</u>.

^{1.} RSA Technical Note (2024).

^{2.} Office for National Statistics UK Standard Industrial Classification (SIC) 2007.

^{3.} Office for National Statistics UK Standard Occupational Classification (SOC) 2010..

The Context for Scotland's Labour Market

Within the last 10 years, the economy has faced significant disruption due to events such as the pandemic, Brexit, the war in Ukraine, and the cost-of-living crisis. In addition, megatrends around demography, technology, and the environment have continued shaping Scotland's economy and labour market, many of which are interdependent. Below is an overview of the drivers expected to have the greatest influence on Scotland's labour market outlook in the near term, based on a comprehensive analysis of structural and cyclical factors.



The Economy

The economic outlook for Scotland has improved, but growth is still expected to be modest in 2024, after annual GDP figures estimated the Scottish economy (like that of the UK) remained broadly flat throughout 2023. While inflation rates have eased from their peak in October 2022, the effects of rising prices and high interest rates continue to impact Scottish households and businesses. Scotland has experienced a tight labour market in recent years, but there have been signs of this loosening in 2024.



Demographic Change

Scotland has an ageing population. In 2022, around 20 per cent of Scotland's population was aged 65 years or over, and around 15 per cent were aged under 15 years old. Population growth is also expected to slow in the next decade, and it is anticipated that the country is likely to rely on in-migration for population growth. These demographic changes in Scotland have important implications for the labour market and economy.



Inclusive Growth and Equality

Scotland continues to experience inequality, which can impact individuals' access to labour market opportunities. Cost-of-living pressures have affected different groups disproportionately, particularly in lower-income households. Geographical inequalities also exist across Scottish regions that can affect individuals' access to opportunities. There have been some advances in improving diversity within the workforce and reducing inequality, but challenges remain.



Technology and Automation

Scotland has a strong technology sector, with specific strengths in digital technology, life sciences and financial technology (fintech). The current makeup of the technology sector suggests Al will likely be the most important technological advance for the foreseeable future. It is estimated that 60 per cent of jobs in developed countries will be affected by AI. This could be disruptive within the labour market, creating challenges and opportunities for job roles and businesses.



Climate Change

The Scottish and UK governments have committed to meeting targets for Net Zero carbon emissions. The transition to Net Zero will directly impact jobs, with potential for job growth in Scotland. Upskilling and reskilling will be vital to equip Scotland's workforce with the skills needed to meet the transition. Scotland is well placed to take a lead in the development of new green technologies building on its significant natural resources and strengths in key sectors.



A fuller report on Scotland's Labour Market Drivers can be found here.

Regional Insight¹

Economic Strategies and Skills

In 2024, Argyll and Bute Council's Community Planning Partnership refreshed the region's Economic Strategy, covering the period 2024-2034. This refreshed strategy is both ambitious and forward looking, with a place based and business/person-centred approach, to secure a fair, inclusive, and prosperous future for the area, more resilient to external factors including the rapid advances in digital technology and increasing impacts of climate change.

The Argyll and Bute Employability Partnership Delivery Plan provides local strategic direction and a strong collaborative partnership approach to the delivery of the Scottish Government's No One Left Behind Employability agenda across Argyll and Bute. Employability partners have a shared understanding of key opportunity areas in sectors including Energy, the Blue Economy, Food and Drink, Tourism, Space and Aerospace, Creative Industries and Education.

For example, ScotWind offshore wind leasing by Crown Estate Scotland is a welcome opportunity that will lead to significant job creation locally. Growing investment and innovation in the Energy sector should result in increased demand for labour and skills, and increased demand for adapted and new skills at all levels.

City and Regional Growth Deals

The UK and Scottish Governments have committed to funding the Argyll and Bute Rural Growth Deal which

will secure and generate employment and in the longer term see significant expansion and improvement of skills, training education and research infrastructure, aligned to the region's economic strengths. Investments focus on:

- Connecting high-value business sectors with national and international business markets;
- Attracting additional skills, residents, visitors, and businesses; and
- Growing benefit from our fantastic natural assets.

Economic Opportunities

The refreshed Argyll & Bute Economic Strategy identifies several economic opportunities including:

- Supporting the increase of clean energy through onshore and offshore wind, grid enhancement, pumped storage hydro and other renewables.
- Low carbon: improving infrastructure to offer low carbon options for people, improved insulated housing and premises, green hydrogen production, and EV charging points.
- Investment in new green industries: green energy availability will help attract investment of new industries but will require additional investment in infrastructure.

- Nature based solutions: Projects must provide multiple benefits for the region and importantly create livelihoods for the people who want to live and work in Argyll and Bute.
- Marine/Blue economy: the marine environment can also play a critical role through the development of existing and emerging industries such as seaweed farming, marine research and marine tourism.
- Existing sectors: there is a requirement to maximise the value of existing well-established sectors such as Tourism; Food and Drink including Aquaculture; together with Creative industries aligned to hospitality, whisky/spirits and culture.

The forecasts used in this Regional Skills
Assessment are policy and investment neutral.
This means the figures present a baseline
outlook that takes into account historical trends
and external economic conditions, but the figures do
not reflect investment or policy that is unconfirmed or
at planning/development stage.

For example, the figures presented in this report do not reflect significant levels of investment expected in the region such as ScotWind.

The forecasts should be used in conjunction with other sources, and readers are encouraged to overlay these with their own local knowledge.

Economic Performance¹



Argyll and Bute estimated GVA in 2024: £2,155m

Argyll and Bute was estimated to generate 1.5% of Scotland's output in 2024. This share of GVA ranked the region in the bottom quartile of RSA regions for GVA contribution to the Scottish economy.

In 2024, the highest value industries in Argyll and Bute were estimated to be:

Ш	Public Administration and Defence	£460 m

Real Estate Activities*	£341m
real Estate Astivities	~OTIII

Accommodation and Food Service Activities	£180m
Accommodation and rood Service Activities	LIOUIII

W	Human Health and Social Work Activities	£173m
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GVA forecast average annual growth (2024-2027)

Argyll and Bute: 1.2%

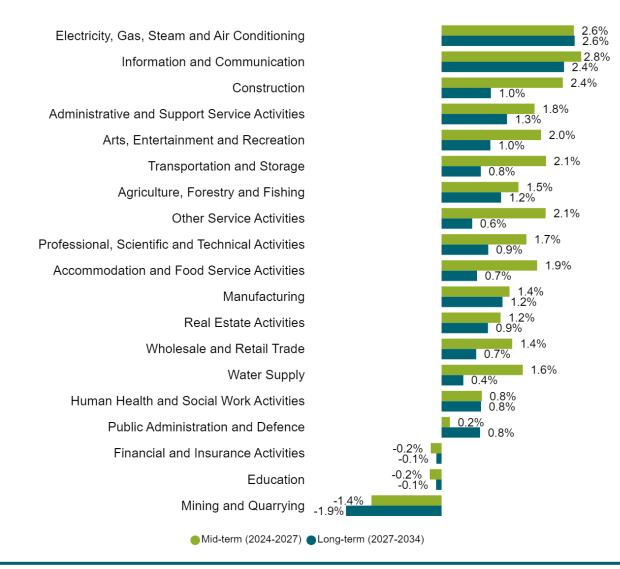
Scotland: 1.4%

GVA forecast average annual growth (2027-2034)

Argyll and Bute: 0.9%

Scotland: 1.3%

Forecast Average Annual GVA Change by Industry (%), Argyll and Bute Growth Deal



Productivity¹

In this report, we have used Oxford Economics' measure of productivity, which is calculated by dividing total regional GVA by total regional employment (measured by jobs). Please note, there are different ways of calculating productivity, and caution is needed when interpreting productivity data presented in this report. It must be considered in the context of other data and insight.

Productivity in **Argyll and Bute** was estimated to be **£44,400** in 2024. In comparison, the Scottish average was estimated to be £52,000.



Mid-term Productivity

From 2024 to 2027, productivity in Argyll and Bute is forecast to grow by 0.6% on average each year. Over the same period, the Scottish growth rate is forecast to be 0.6%.

Argyll and Bute forecast productivity in 2027: £45,200

Scotland forecast productivity in 2027: £53,000



Long-term Productivity

From 2027 to 2034, productivity in Argyll and Bute is forecast to grow by 1.1% on average each year. Over the same period, the Scottish growth rate is forecast to be 1.1%.

Argyll and Bute forecast productivity in 2034: £48,900

Scotland forecast productivity in 2034: £57,100



Regional Employment¹



The region's workforce was estimated to account for **1.2%** of Scottish employment.

Over the last 10 years (2014-2024), regional employment was estimated to have **grown** by **2.1%** (**700** people). In comparison, employment in Scotland increased by 3.8%.



Workforce Size 2027: 32,900 people

The region's workforce is forecast to **grow** by **2.1%** or **700** people between 2024 and 2027.

Compared to a Scotland-wide increase of **1.9%** or **49,800** people.

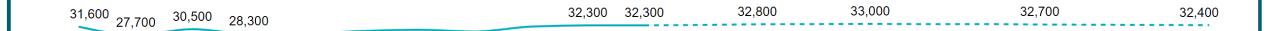


Workforce Size 2034: 32,400 people

The region's workforce is forecast to **decline** by **1.7%** or **600** people between 2027 and 2034.

Compared to a Scotland-wide increase of **1.2%** or **32,000** people.

Employment and forecast employment (2014-2034) (people), Argyll and Bute Growth Deal



2014 2017 2021 2024 ₂₀₂₅ 2027 2030 2034



Employment by Industry¹

The largest employing industries in the region in 2024 (based on people) were estimated to be:



Public Administration and Defence 7.900



Human Health and Social Work Activities 3,900



Accommodation and Food Service Activities 2.900

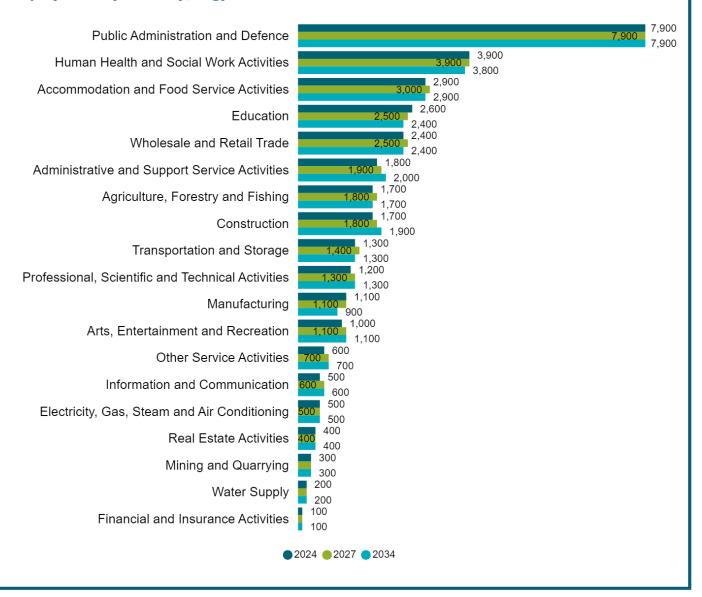
Between 2024 and 2027, employment in the region is forecast to grow, however industries will have varying performance. The greatest employment growth is forecast in Administrative and Support Service Activities, with 100 more people by 2027. While Education is forecast to have the greatest employment contraction (less than 50 people) in the mid-term.

Over the long-term, between 2027 and 2034, the greatest employment growth is forecast in Administrative and Support Service Activities, with 100 more people by 2034. While Manufacturing is forecast to have the greatest employment contraction (-200 people) in the long-term.

In 2024, Fishing and Aquaculture was estimated to be the region's greatest specialism, with the percentage of employment in this industry 6.7 times greater than the Scottish average. The second largest specialism was estimated to be Other Mining and Quarrying (6.2 times greater in the region than the Scottish average).

Figures may not sum due to rounding.

Employment by Industry, Argyll and Bute Growth Deal



Employment by Occupation¹

The largest employing occupation groups in the region in 2024 (based on people) were estimated to be:



Elementary Occupations: Clerical and Services

4,000



Corporate Managers

2,600



Caring Personal Service Occupations

2,500

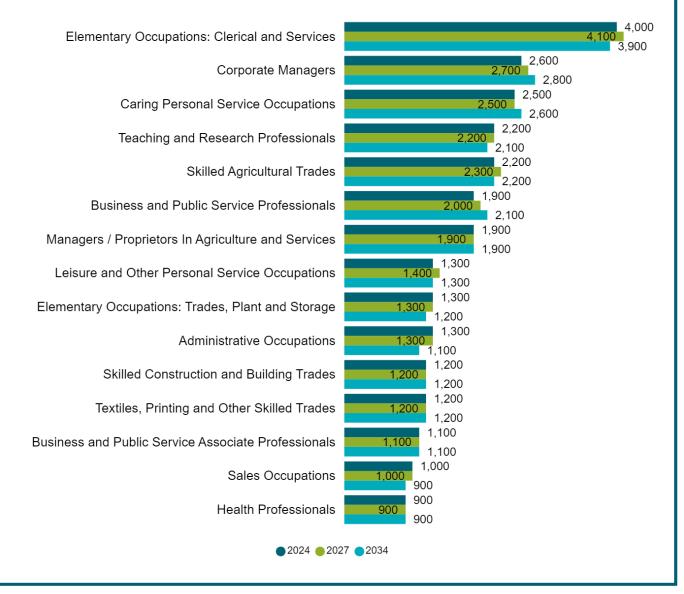
In 2024, 43.5% of employed people in the region were in 'higher-level' occupations*, which was a lower percentage of the workforce than Scotland (49.2%). 'Mid-level' occupations accounted for 33.4% of the workforce, which was a higher percentage of the workforce than Scotland (27.0%). Around 23.2% of people were employed in 'lower-level' occupations, which was a lower percentage of the workforce than Scotland (23.8%).

Between 2024 and 2027, the greatest growth is forecast to be in Corporate Managers (100 people). While Teaching and Research Professionals is likely to experience the greatest contraction (less than 50 people).

Over the long-term between 2027 and 2034, the greatest growth is forecast to be in Corporate Managers (100 people). While Elementary Occupations: Clerical and Services is likely to experience the greatest contraction (-200 people).

Figures may not sum due to rounding.

Employment by Top 15 Occupations, Argyll and Bute Growth Deal



Transition to Net Zero¹

Identified as part of the Climate Emergency Skills Action Plan (CESAP), the sectors² listed below **make a significant contribution to the Transition to Net Zero** and have the greatest potential for skills implications and jobs growth arising from it. We have been able to establish the split between green jobs and non-green jobs for the Regional Outcome Agreement (ROA) areas. Green jobs in Scotland are defined by three different categories: enhanced skills and knowledge, increased demand and new and emerging.³ This section focuses on overall employment in these sectors that make a significant contribution to the Transition to Net Zero, which is the best available data for Argyll and Bute region. For more information, on green and non-green jobs, please see the relevant ROA reports.

Presented below are the number of people estimated to be employed in these sectors within Argyll and Bute in 2024.



Agriculture

1,800 people

3% of the sector's employment in Scotland



2,500 people1% of the sector's employment in Scotland



Manufacturing (with Engineering)

1,100 people1% of the sector's employment in Scotland



Energy and Waste Treatment

1,100 people

1% of the sector's employment in Scotland



Transport

1,100 people

1% of the sector's employment in Scotland

The total number of people employed in the sectors that will make a significant contribution to Net Zero in Scotland was estimated to be 679,200 in 2024. The Argyll and Bute Growth Deal was estimated to account for 1% of Scotland's total or 7,600 people. Of the sectors of most importance to the transition, Construction was the largest employing sector (33%) in the region.

Figures may not sum due to rounding.

2. The sectors that make a significant contribution to the Net Zero transition were identified in **the Green Jobs in Scotland report.**

Due to the methodology adopted, the footprint of sectors presented on this page differs from the industry footprint presented elsewhere in this report, and in our Sectoral Skills Assessments (SSAs). Please find a full list of the

Standard Industrial Classification (SIC) codes used to define these sectors in the Green Jobs in Scotland report (and on this page) here.

3. Please see slide 12 for more information.

^{1.} SDS (2024). Oxford Economics Forecasts.

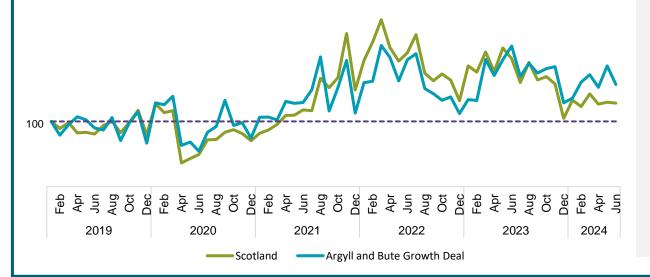
Job Postings in Argyll and Bute Growth Deal¹

Online job postings data provides a useful barometer for the health of the jobs market, real-time employer demand and can indicate changing skills demands. It is important to note that the data does not capture all activity, so it should be considered as an estimate only.

The labour market has been cooling across Scotland, and job postings have declined from a peak in 2022. In Argyll and Bute, the peak in job postings coincided with Scotland's peak in March 2022. Whilst it has cooled, the heat of the labour market in 2021 and 2022 was exceptional, and the levels of job postings across Scotland and Argyll and Bute remain above pre-pandemic levels (January 2019).

In the first six months of 2024, there has been sustained demand for workers in the region. Job postings in Argyll and Bute accounted for 1.3% of Scotland's total job postings between January and June 2024.

Index* of Job Postings, (January 2019 = 100)



Between January and June 2024, there were **3,100 job postings** in **Argyll and Bute**, of which:

The locations with the most jobs advertised were:



Helensburgh 900 postings



Oban 700 postings



Dunoon 300 postings

The most requested skills and knowledge were:



Communications



Management

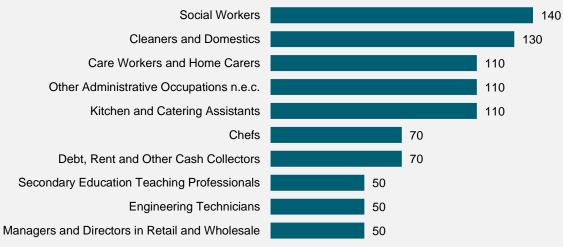


Customer Service



Operations

The top job postings were:



^{*}An Index shows the change over time. This graph displays the data for job postings converted to a reference value. This shows the relative change for Scotland and the region over time. Over 100 indicates where there has been an increase compared to the base or reference year (in this case January 2019), whereas below 100 shows a decrease.

Green Job Postings in Argyll and Bute Growth Deal¹

The **Green Jobs in Scotland** research uses an **inclusive definition** to define green jobs.

This definition recognises that there will be an ongoing process of 'greening' across the economy due to the transition to Net Zero, and a broad range of jobs will be impacted in different ways as a result.

Green jobs can be classified into one of the following three categories:

- 1. Enhanced Skills and Knowledge: Existing occupations which will require significant change to the work and worker requirements due to green economy activities.
- 2. Increased Demand: Existing occupations which will be needed in higher numbers due to green economy activities.
- 3. New and Emerging: New occupations which are created because of the need for unique work and worker requirements due to green economy activities.

The full list of occupations (defined using Standard Occupation Classification (SOC) 2020) can be found here.



Out of the 3,100 job postings in Argyll and Bute between January and June 2024, almost a third of them, 1,000, were for green jobs (32.2%). This was a lower proportion of green job postings than the Scottish average (42.3%). The number of green job postings in the region accounted for 1.0% of all green job postings in Scotland. The demand for green jobs in the region and Scotland peaked in 2022 before cooling. However, demand for green jobs in the region remains above the pre-pandemic level.



Between January and June 2024, over half of green job postings in Argyll and Bute were for Enhanced Skills and Knowledge roles.



The green jobs in demand in each category between January and June 2024 included:

Enhanced Skills and Knowledge:



Vehicle Technicians, Mechanics and Electricians

Increased Demand:



Large Goods Vehicle Drivers

New and Emerging:



Engineering Technicians



The median advertised salary for green jobs in Argyll and Bute was £34,800* in the first six months of 2024.

This was higher than the median advertised salary for all jobs in the region which was £27,700**.



Future Demand in the Mid-Term (2024-2027)¹

Oxford Economics' forecasts should be used as guidance only on the overall trends based on current evidence - rather than definitive numbers. There are still a wide range of factors which may impact on the labour market. It is important to note that the forecasts do not account for national or regional activities, initiatives or investments such as those mentioned in our section on Regional Insight, which are likely to influence the outlook presented. Users of the RSAs are encouraged to overlay the forecasts with their local knowledge.

Earlier in the report, we examined the future total employment in Argyll and Bute. This part of the report focuses on the total requirement, which introduces not only employment growth or contraction but also the need to replace workers leaving the labour market due to retirement and other reasons.

The mid-term forecast suggests there could be a total requirement for **4,500** people in **Argyll and Bute**. Between 2024 and 2027, replacement demand could create the need for **3,800** people, while **positive** expansion demand is forecast to result in **700** additional workers.

In **Scotland**, there could be a total requirement for **370,800** people in the mid-term. Between 2024 and 2027, replacement demand could create the need for **321,000** people, while **positive** expansion demand is forecast to result in **49,800 additional** workers.

Figures may not sum due to rounding.











Total Requirement

made up of expansion demand and replacement demand to show the total number of people required.

Replacement Demand

the number of people required to replace workers leaving the labour market (i.e. retirement, move away, or change jobs).

Expansion Demand

the number of people required as a result of economic growth or contraction.

Argyll and Bute: 4,500 people Argyll and Bute: 3,800 people Argyll and Bute: 700 people

Scotland: 370,800 people Scotland: 321,000 people Scotland: 49,800 people

The total requirement by qualification for **Argyll and Bute**:

SCQF 11-12	SCQF 7-10	SCQF 6	SCQF 5	SCQF 1-4	No qualifications
300	2,100	600	1,000	200	400
6%	47%	14%	22%	3%	8%

The total requirement by qualification for **Scotland**:

SCQF 11-12	SCQF 7-10	SCQF 6	SCQF 5	SCQF 1-4	No qualifications
34,000	175,600	46,600	76,800	10,300	27,400
9%	47%	13%	21%	3%	7%



Future Demand in the Mid-Term (2024-2027) by Industry¹

By industry, the greatest number of people are forecast to be required in:



Public Administration and Defence 1.000



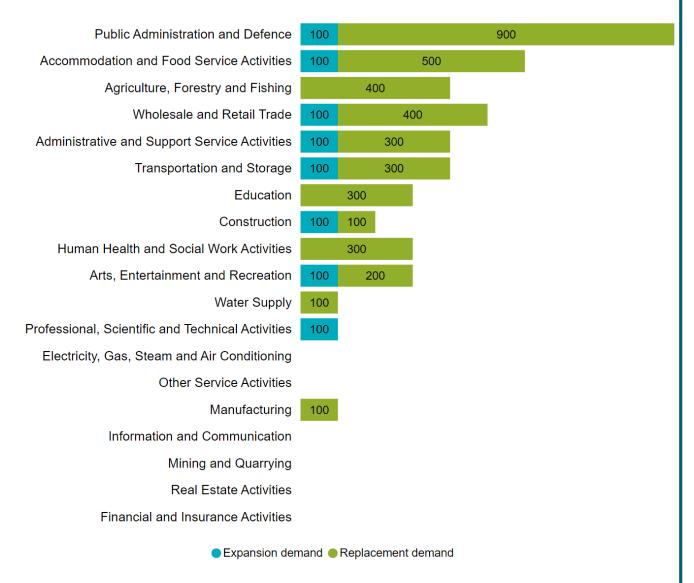
Accommodation and Food Service Activities 600



Agriculture, Forestry and Fishing 500

Headline figures for each industry do not show how the composition of the industry is changing. Within industries there are changes to operating practices and consumer behaviours driven by automation, digitalisation and the transition to Net Zero. These shifts are not captured in the aggregated groups. We would encourage readers to bear this in mind when interpreting the data. For further sectoral evidence, please see our Sectoral Skills Assessments.

Forecast Total Requirement by Industry (2024-2027), Argyll and Bute Growth Deal





Future Demand in the Mid-Term (2024-2027) by Occupation¹

By occupation, the greatest number of people are forecast to be required in:



Elementary Occupations: Clerical and Services 900



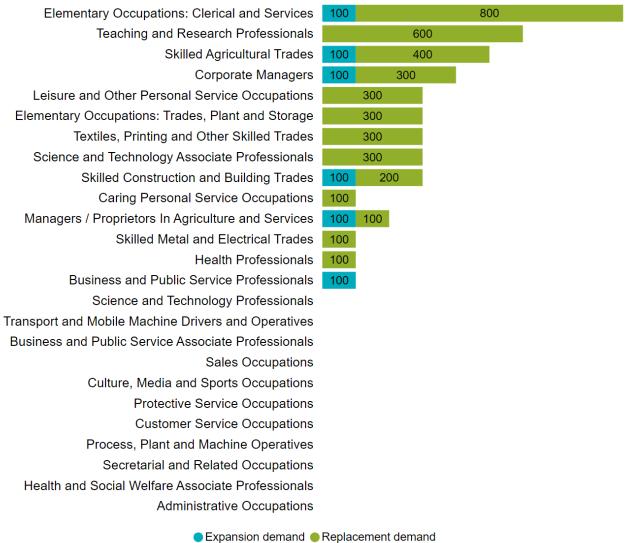
Teaching and Research Professionals
600



Skilled Agricultural Trades

As mentioned, there is forecast to be a total requirement for 4,500 people in the region over the mid-term. 'Higher-level' occupations* are forecast to account for 38.8% of this total requirement, followed by 33.2% in 'mid-level' occupations and 28.0% in 'lower-level' occupations. Across Scotland, 50.4% of total requirement will be in 'higher-level' occupations, 25.0% in 'mid-level' occupations and 24.6% in 'lower-level' occupations.

Forecast Total Requirement by Occupation (2024-2027), Argyll and Bute Growth Deal





Future Demand in the Long-Term (2027-2034)¹

The long-term forecast is more changeable than the mid-term forecasts and could be influenced by a range of factors that are less known. It is important to note that the forecasts do not account for national or regional activities, initiatives or investments like those mentioned in our section on Regional Insight, which are likely to influence the long-term outlook presented. Oxford Economics' forecasts should be used as guidance on overall trends based on current evidence - rather than definitive numbers.

In Argyll and Bute, the labour market forecast for the long-term (2027-2034) suggests employment is expected to decline, but there could be opportunities created as a result of the need to replace workers leaving the labour market due to retirement and other reasons.

Forecasts for the long-term suggest there could be a total requirement for **8,400** people in **Argyll and Bute**. Between 2027 and 2034, replacement demand could create the need for **8,900** people, while expansion demand is forecast to result in **-600** workers.

In **Scotland**, there could be a total requirement for **788,900** people in the long-term. Between 2027 and 2034, replacement demand could create the need for **756,900** people, while **positive** expansion demand is forecast to result in **32,000 additional** workers.

Figures may not sum due to rounding.











Total Requirement

made up of expansion demand and replacement demand to show the total number of people required.

Replacement Demand

the number of people required to replace workers leaving the labour market (i.e. retirement, move away, or change jobs).

Expansion Demand

the number of people required as a result of economic growth or contraction.

Argyll and Bute: 8,400 people Argyll and Bute: 8,900 people Argyll and Bute: -600 people

Scotland: 788,900 people Scotland: 756,900 people Scotland: 32,000 people

The total requirement by qualification for **Argyll and Bute**:

SCQF 11-12	SCQF 7-10	SCQF 6	SCQF 5	SCQF 1-4	No qualifications
400	4,100	1,100	2,100	Less than 50	700
5%	49%	13%	25%	0.1%	8%

The total requirement by qualification for **Scotland**:

SCQF 11-12	SCQF 7-10	SCQF 6	SCQF 5	SCQF 1-4	No qualifications
67,300	378,500	93,400	180,300	12,100	57,200
9%	48%	12%	23%	2%	7%



Future Demand in the Long-Term (2027-2034) by Industry¹

By industry, the greatest number of people are forecast to be required in:



Public Administration and Defence 2,200



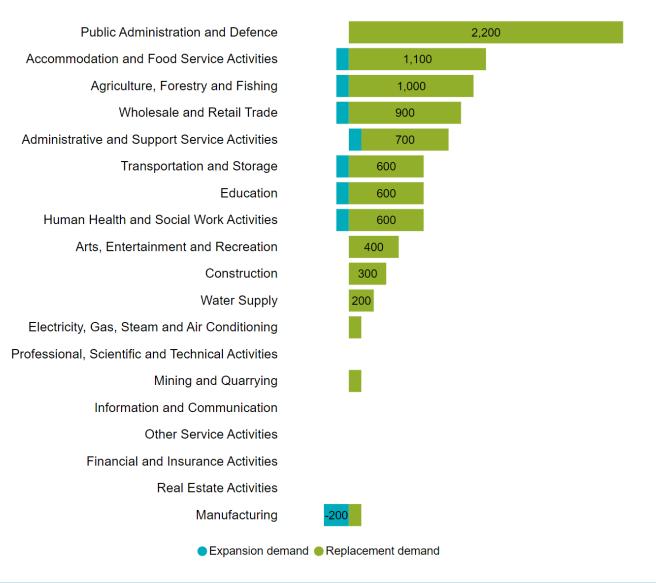
Accommodation and Food Service Activities 1,000



Agriculture, Forestry and Fishing 900

The mid-term forecast analysis indicated that some industries are experiencing a shift in their operational practices, and this trend is expected to continue in the long term.

Forecast Total Requirement by Industry (2027-2034), Argyll and Bute Growth Deal





Future Demand in the Long-Term (2027-2034) by Occupation¹

By occupation, the greatest number of people are forecast to be required in:



Elementary Occupations: Clerical and Services 1.600



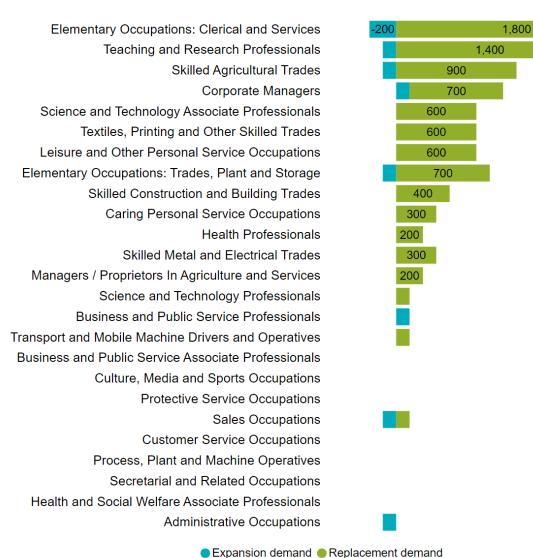
Teaching and Research Professionals



Skilled Agricultural Trades

There is forecast to be a total requirement for 8,400 people in the region over the long-term. 'Higher-level' occupations* are forecast to account for 40.5% of this total requirement, followed by 32.6% in 'mid-level' occupations and 26.9% in 'lower-level' occupations. Across Scotland, 52.4% of total requirement will be in 'higher-level' occupations, 24.7% in 'mid-level' occupations and 22.9% in 'lower-level' occupations.

Forecast Total Requirement by Occupation (2027-2034), Argyll and Bute Growth Deal







For further information or queries on the RSAs or any of our other products, please contact: RSA@sds.co.uk