Toowoomba region workforce insights

in an

A pathway forward for the construction, agriculture, health care and social assistance, and education and training industries





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Contents

Introduction	4
Your region	5
Regional snapshot	6
Industries of interest	8
Your labour markets - Key SA4 indicators	9
Challenges and opportunities	10
The local ecosystem	12
Vacancies	15
Your future workforce	16
Travel to work	17
Schooling and non-school qualifications	19
Vocational education and training and employment pathways	21
Queensland Training Summary	23
Apprenticeships and Traineeships – SA4 region	24
Your businesses	25
Future opportunities for the Toowoomba region	27
Government initiatives to support	37
Strategies to support	38

Introduction

Regional Jobs Committees (RJCs) are a part of the Queensland Government's plan to work within the community and local industry to create more jobs, improve training pathways and drive economic activity across the state. They are collaboratively supported by the Department of Trade, Employment and Training and Jobs Queensland (JQ). Job creation and the development of a skilled workforce is essential to Toowoomba growth and prosperity. A workforce skilled in areas aligned to local priorities underpins the regions economic development and serves as an investment and trade attractor, opening the door to new, global opportunities.

Workforce participation also drives progress in many social policy areas of importance including health, housing, justice and alleviating cost of living pressures.

The *Toowoomba region workforce insights* report provides a snapshot of the region as of 16 October 2024, including key indicators such as workforce composition, employment and unemployment, business figures, and education and training pathways to support local decision making and plan for a future-ready, skilled and diverse workforce.

The data contained in this report focuses on the Toowoomba Statistical Area Level 4 (SA4). This data can offer valuable insights into current supply and demand challenges, supporting more informed future planning.

Much of the information stems from the most recent Australian Bureau of Statistics (ABS) Census data (2021), however, to provide the most up-to-date statistics, where available, data has been provided from other sources including the ABS quarterly Labour Force Survey. It is important to note that this document should not be read in isolation. Rather, it should be considered jointly, and in the context of, other economic research, publications and previous consultation hosted by Employ Toowoomba (Toowoomba Regional Jobs Committee).

This report also contains an overview of the region's anticipated growth industries that will drive future jobs demand and skills needs locally.

Key observations and potential future opportunities have emerged from the data and align to four common themes:



Through a regional focus, Jobs Queensland in partnership with Employ Toowoomba has developed local solutions that provide a pathway forward for the Toowoomba region. In-region industry consultation occurred throughout 2024, highlighting a desire to initially focus on construction, agriculture, forestry and fishing, heath care and social assistance and education and training.

Implementing the actions within this plan will support the region in maximising opportunities to its future state by considering existing workforce supply, workforce demand, existing business capability and future skills needs for the focus industries.

Your region

Toowoomba SA4

The region covers an area of 2258 km² and extends from Gatton in the east to Glen Rock State Forest in the south. It includes the city of Toowoomba and other regional centres including Helidon, Withcott, Kingsthorpe and Grantham.





Somerset Regional Council

Toowoomba Regional Council

Scenic Rim Regional Council



Regional snapshot

SA4 Population Demographics¹



Top five employing industries (Female)



1. Queensland Government Statistician's Office. (2024). Queensland Regional Profiles (Various reports). Brisbane: Queensland Government.

- https://statistics.qgso.qld.gov.au/qld-regional-profiles
- 2. Ibid
- 3. Ibid

Top five employing industries (Male)





Top five growth industries (% change in new jobs by 2027-2028)⁶



Public Administration and Safety 17.6%



Arts and Recreation Services 10.7%



.....

Health Care and Social Assistance 9%



Electricity, Gas, Water and Waste Services **7%**



Education and Training <mark>6%</mark>



 Jobs Queensland. (2024). Anticipating Future Skills. Data Portal. Ipswich: Queensland Government. https://jobsqueensland.qld.gov.au/anticipating-future-skills/portal

- 6. Ibid
- 7. Queensland Government Statistician's Office. (2024). Queensland Regional Profiles (Various reports). Brisbane: Queensland Government. https://statistics.qgso.qld.gov.au/qld-regional-profiles

Industries of interest

The industries below were identified as focus for the development of this workforce insights report. These industries align to those identified in the *Toowoomba Employment Landscape*.⁸ Note that the data below is based on the Toowoomba SA4 which has slightly different boundaries to the Toowoomba LGA.



Source: Queensland Government Statistician's Office. (2024). Queensland Regional Profiles. Region of Interest report. Findings based on use of QGSO report data.

Anticipating Future Skills Needs⁹

Change percentage between 2023-2024 to 2027-2028



8. Employ Toowoomba. (2022). Toowoomba Employment Landscape. Toowoomba: Toowoomba Regional Jobs Committee.

https://employtoowoomba.org.au/wp-content/uploads/2023/01/Toowoombas-Employment-Landscape-August-2022.pdf

 Jobs Queensland. (2024). Anticipating Future Skills. Data Portal. Ipswich: Queensland Government. https://jobsqueensland.qld.gov.au/anticipating-future-skills/portal

Your labour markets - Key SA4 indicators¹⁰

- In August 2024, the total labour force in the Toowoomba SA4 was 84,800 people, an increase of 10.4 per cent (8000 employed persons) over the year.
- The unemployment rate decreased to 4 per cent, a decrease of 0.6 per cent from the previous year. This rate is slightly lower than the Queensland state average of 4.1 per cent.
- Toowoomba SA4 youth unemployment rate stands at 12.1 per cent (August 2024), reflecting an increase of 4 per cent from the previous year.
- The number of **employed persons** has increased, marking a 4.9 per cent growth over the year.
- The participation rate in Toowoomba SA4 in August 2024 was 63.3 per cent, an increase of 4.1 per cent over the year.

These figures highlight positive trends in employment and participation in the Toowoomba region.

Table 1 below provides a breakdown of the labour force by age group across key labour market indicators as at August 2024.

Table 1 Labour force status by Age, Toowoomba SA4 region, August 2024

August 2024		Age Group (years)					
Augus	August 2024		25-34	35-44	45-54	55-64	65+
Employed Total ('000)		15.7	22.6	19.3	13.1	17.7	5.4
Employed full-time ('0	00)	8.6	15.9	15.1	9.2	14.0	2.3
Employed part-time ('	000)	7.0	6.7	4.2	3.9	3.7	3.1
Employment to popul	ation rate (%)	62.7	89.3	88	81.8	73.9	18.7
Unemployment rate (%)		13	2.2	2.8	3.3	0.0	5.3
Labour force total ('000)		18.0	23.1	19.8	13.5	17.7	5.7
Not in the labour force (NILF) ('000)		7.0	2.2	2.1	2.5	6.3	23.2
Civilian population aged 15 years and over ('000)		25.0	25.3	21.9	16.0	24.0	28.9
Participation rate (%)	Toowoomba SA4	72.1	91.4	90.5	84.6	73.9	19.7
	Queensland	72.4	86.1	88.4	84.6	67.4	16.2

Source: ABS, Labour force status by age, labour market regions (ASGS) and sex, October 1998 onwards (pivot table) - RM1

10. Queensland Government Statistician's Office. (2024). Queensland Regional Profiles (Various reports). Brisbane: Queensland Government. https://statistics.qgso.qld.gov.au/qld-regional-profiles

Challenges and opportunities

We live in a world of constant change. Global trends, policy and economic shifts can impact the skills needs requirements across all industries, even at the region level. The jobs of the future will not be the same as those held today and Toowoomba aims to support the region's industry to its future state, to provide a pathway forward in uncertain times.

Through a proactive and progressive approach, the region is looking at global megatrends that impact their local economy as well as engaging with local employers to discuss their local workforce challenges and opportunities.

Megatrends

Megatrend	Impact on Toowoomba
	• By investing in sustainable water management, renewable energy, and eco- friendly urban design, the region can build resilience against extreme weather events while minimising its carbon footprint. These initiatives not only protect local communities and ecosystems but also position Toowoomba as a forward- thinking leader in sustainable regional development.
Climate change	• Climate change is one of the most pressing issues, posing risks such as extreme weather events and shifting agricultural conditions. These changes can disrupt supply chains and exports from the region, necessitating the adoption of sustainable agricultural practices and resilient infrastructure.
	• The construction industry feels the immediate impact of severe weather conditions, closing down and delaying building sites. Workers and employers alike are seeking new and innovative ways to increase production and reduce the impact of delays.
	 All industries are impacted by net zero targets, driving the need to incorporate policy changes into business practices requires strategic management and ongoing business planning capabilities.
	• Consumers are increasingly demanding ethical and sustainable products, compelling the building and construction industry to source eco-friendly materials, reduce waste, utilise renewable energy sources, establish and maintain social licence.
Environmental	 The agriculture industry has an opportunity to expand into new markets to leverage from changing consumer trends such as alternative proteins.
and social governance	• As the region transitions to net zero targets and socially conscious consumer needs, the education and training system will need to adapt to meet the needs of industry.

Megatrend	Impact on Toowoomba
	 By supporting sustainable agriculture, local food production and resilient supply chains, the region can address community needs, reduce dependence on imports and ensure long-term food security. This will strengthen Toowoomba's role in Queensland's food supply network while fostering economic stability and environmental sustainability.
Transformative	• Transformative technology is revolutionising industry, with digital technologies like automation and AI enhancing efficiency, accuracy and scalability. Technologies such as 3D printing concrete homes and pre-fabrication can be transformative for the construction industry and provides opportunity to accelerate housing supply in the region, while the rapid uptake in telehealth is supporting and evolving the health industry and supports outreach service delivery.
technology	 To leverage these advancements, the region must have access to digital infrastructure and training programs to develop skills in robotics, AI and data analytics, digital skills for SMEs, optimising production processes and exploring cost reduction methods for the small business community to remain globally competitive.
Geopolitical impacts	• Geopolitical impacts also play a significant role, as global political dynamics and trade policies affect market access, supply chain stability and regulatory compliance. Trade tensions and changing regulations can pose challenges in importing and exporting products and sourcing materials. To navigate these complexities, the region should continue to diversify its markets and stay updated on international regulations.
Rising care economy	• As demand for care services rises, Toowoomba will need to attract more skilled workers, including nurses, aged care professionals, disability support workers and allied health practitioners into the industry. This increase in employment opportunities has the potential to boost the regional economy and retain younger residents, who often leave for employment in larger cities. However, addressing workforce shortages, enhancing digital healthcare capabilities and providing continuous professional training will be crucial to support and sustain the care economy in Toowoomba. Collaboration between local government, educational institutions and healthcare providers will be essential to ensure that Toowoomba is able to attract a local workforce into the industry to meet the rising care demands and build a resilient and well-prepared workforce.

Through targeted investments in education, training and technological infrastructure, the region can harness the opportunities presented by these megatrends to foster sustainable economic growth and workforce development. This proactive approach will ensure the region's competitiveness in a dynamic and evolving global landscape.

The local ecosystem

Through extensive research, Jobs Queensland has found that connection to community and family is important to Queenslanders. A strong connection to a community or region often motivates an individual to remain living and working locally. When people, especially families, are established with local services and have partners employed nearby, they are generally hesitant to relocate to a different area.¹¹ Opportunities to support locals to live and work locally were highlighted through recent consultation and has emphasised the need for a connected approach to addressing workforce challenges. The Toowoomba labor market will support the implementation of government place-based decision-making frameworks, thanks to its diverse workforce, strong agricultural foundation and growing industries in health care, education and emerging industries. With a high concentration of skilled workers in both traditional and modern industries, Toowoomba can leverage local expertise and resources to address region-specific needs effectively. The region's active commitment to inclusivity and workforce diversity, further strengthens its capacity to implement policies that are equitable and tailored to community priorities.

Employ Toowoomba has undertaken previous research and hosted numerous forums and consultation activities throughout 2021-2024, including Careers to Net Zero Roadshow, Future of Jobs Forum - All Shook Up, Emerging Leaders program, Future of Jobs - Youth Forum and Roundtable discussions. A summary of research and consultation is below:

Local themes	Challenges	Opportunities
	• Workforce provides services to regional communities	• Build skills and capability in transformative technology options to service regional communities (e.g. Telehealth) for local workforce to deliver better, faster services to citizens.
Build workforce capability		• Research the positive impact and challenges of working in regional communities on workforce mental health
	• Scepticism of impact of technology on the workforce	 Highlight the value of technology to 'myth bust' negative impacts
		 Instil a life-long-learning mindset

11. Jobs Queensland. (2023). Supporting individuals in the transition to future work framework. Ipswich: Queensland Government. https://jobsqueensland.qld.gov.au/wp-content/uploads/2023/12/supporting-individual-transition.pdf

Local themes	Challenges	Opportunities
	• Limited workforce planning capability occurring at an organisation level	• Co-host a webinar or other activities to promote Workforce Planning Connect, Industry Workforce Advisors and relevant micro-credentials
	• Sourcing part-time employment to build capability via entry level roles	• Local promotion of part-time opportunities and where to source them through migrant and youth service providers
	• Funding limitations and eligibility criteria a barrier for participation in VET offerings for some	 Gather examples of barriers to support local advocacy for change to eligibility criteria Promote fee-free course offerings available to local community
Enhance pathways for work readiness	 Job seekers lacking essential employability skills 	• RJC to advocate with education and employment providers what essential skills are needed to be successful in the workplace
		 Promote pre-employment programs available in the region
	• Local students reporting uncertainty about future career decisions	 Increase and enhance career guidance beyond tertiary pathway options with students and educators.
		 Local schools to be encouraged to participate in the Gateway to Industry Schools program
		 Educational reforms for university can provide students with broader, more accessible pathways
		• Strengthening trade-based pathways will further ensure that students have diverse, hands-on training options
	• Educators require upskilling on career pathways and employers' expectations	 Host round table for parents, educators, guidance officers, employers and students in Toowoomba to increase awareness of local pathway opportunities
	• Limited access to work experience to inform career opportunities	• Promote the benefits of work experience and job shadowing with local employers

Local themes	Challenges	Opportunities
Reverse .	• Difficulty attracting a diverse workforce, particularly younger cohorts	• Leverage Link and Launch program to support youth transitions
Promote workplace diversity		• Collaborate with Department of Youth Justice and Victim Support, Department of Education and the Arts to support new pathways for disengaged young people to find another pathway in training and education
	• Employers raised concerns around barriers to employing skilled migrants	• Engage with Toowoomba TAFE Campus and local pathway program providers to discuss students participating in Adult Migrant English Program/Skills for Education and Employment
	• Community playing a role in attracting previous residents back to the region	• Engage with Local Government on place-making initiatives
<u> ۾ ڦَ</u> ُ	• Economic uncertainty creating hesitancy for local employers to employ new workers	• Highlight global megatrends with local employers and impacts on future skills needs
Support region and	 Region is experiencing challenges to retain staff to support rural service delivery 	• Research psychological factors influencing career decisions in rural areas
industry transition	• Emergence of new occupations and technology changing the labour market landscape	 Instil a life-long learning mindse in all learning programs
	• Negative perceptions of the region leading to poor outcomes	 Placemaking campaign to highlight the benefits of living and working locally
	• Growth industry opportunities not well understood	 Promote JQ's Anticipating Future Skills projections locally with education and employmen providers
	• Low youth workforce participation rate in region	• Work with Link and Launch and employment providers to enhance awareness of local opportunities
	 Insufficient investment in long-term food security and sustainable infrastructure 	• A focus on sustainable agriculture and eco-friendly infrastructure projects to position the region as a leader in resilience and sustainability

Overall, discussions have underscored the significance of networking, diversity, and continuous learning in creating a competitive and inclusive workforce for the future.



The Internet Vacancy Index, compiled by Jobs and Skills Australia (JSA), is based on a count of online job advertisements newly lodged on SEEK, CareerOne and Australian JobSearch during each month. JSA uses different regions to those of the Australian Bureau of Statistics to provide online vacancies data across the country.

The region's highest number of online vacancies in September 2024 was seen in Professionals (264), followed by Technician and Trade Workers (185), and Community and Personal Service Workers (153), Clerical and Administration Workers (133) and Labourers (131).

These figures reflect the current demand for various occupations in the region, highlighting the ongoing need for skilled professionals and essential service providers.

	Professionals	Technician and Trade Workers	Community and Personal Service Workers	Clerical and Administration Workers	Labourers
August 2023	341	202	175	155	144
September 2023	349	204	182	153	110
October 2023	364	205	186	151	107
November 2023	349	203	165	147	111
December 2023	306	181	150	127	100
January 2024	287	174	146	126	101
February 2024	271	185	143	124	99
March 2024	279	202	157	144	108
April 2024	258	205	153	143	106
May 2024	250	195	168	143	109
June 2024	241	194	157	133	109
July 2024	242	193	156	129	117
August 2024	252	184	156	127	117
September 2024	264	185	153	133	131

Table 2 Top five online vacancies by occupation as at September 2024, Toowoomba SA4 region

Source: Jobs and Skills Australia, Internet Vacancy Index, September 2024 data released on 16 October 2024

In-region stakeholders suggest a decrease in advertised roles may be attributed to employers in the region moving away from online job postings for some occupations, stating they often receive few applicants or candidates without the necessary qualifications. Instead, they are favoring word-of-mouth recruitment, partnering with agencies and using non-traditional platforms like TikTok.

Your future workforce

Jobs Queensland's Anticipating Future Skills Series provides employment projections through to 2027-2028 for the State's industries, regions (SA4-level), occupations and qualifications. For more detailed analysis and to access the interactive data tools, visit www.jobsqueensland.qld.gov.au/afs.



In d	Тоо	woomba SA4		Queer	sland	
Industry	2023-2024	2027-2028	Change	2023-2024	2027-2028	Change
Accommodation and Food Services	4077	4295	5.3%	204,810	212,484	3.7%
Administrative and Support Services	2771	2797	0.9%	94,129	96,960	3%
Agriculture, Forestry and Fishing	4984	5207	4.5%	68,368	67,331	-1.5%
Arts and Recreation Services	1373	1520	10.7%	45,594	47,679	4.6%
Construction	6855	6864	0.1%	272,151	280,258	3%
Education and Training	9792	10,375	6%	249,636	266,972	6.9%
Electricity, Gas, Water and Waste Services	1250	1338	7%	37,951	39,738	4.7%
Financial and Insurance Services	1596	1583	-0.9%	73,748	75,566	2.5%
Health Care and Social Assistance	15,513	16,911	9%	464,591	522,446	12.5%
Information Media and Tele-communications	504	508	0.8%	27,773	28,487	2.6%
Mining	1833	1879	2.5%	72,410	72,958	0.8%
Other Services	3764	3775	0.3%	113,939	116,235	2%
Professional, Scientific and Technical Services	3455	3615	4.6%	228,090	246,699	8.2%
Public Administration and Safety	3366	3957	17.6%	200,201	216,574	8.2%
Rental, Hiring and Real Estate Services	721	688	-4.6%	48,685	50,737	4.2%
Retail Trade	7375	7334	-0.6%	280,647	289,839	3.3%
Transport, Postal and Warehousing	4306	4545	5.6%	156,561	162,645	3.9%
Wholesale Trade	2629	2700	2.7%	71,326	74,069	3.8%
	82,866	86,785	4.7%	2,893,679	3,049,919	5.4%

Travel to work

During the 2021 Census, 76.3 per cent of workers within the Toowoomba SA4 reported travelling by car as their only form of transport to work in comparison to 64.4 per cent of the Queensland. This figure highlights Queensland and the Toowoomba regions' decentralised population and limited public transport options to cover the larger geographical footprint.

This is exacerbated by reduced housing options in the region, resulting in individuals travelling further to their place of employment. It is worth noting that 17.2 per cent reported they either worked at home or did not go to work while 2.3 per cent walked (see Table 3 below).

There are a number of reasons why people use different modes of transport to travel to work including the availability of affordable and effective public transport options, the number of motor vehicles available in the household and the travel distance to work, which for example, can allow people to walk or bicycle to their place of work.

Further investigation into the local public transport infrastructure, as well as the workforce and industry composition, may be warranted to understand if there any inhibitors and/or influences impacting workforce participation from disadvantaged or underutilised job seekers.

Table 3 Method	l of travel to work,	Toowoomba SA4, 2021

	Percentage
Public transport	0.3
Taxi or ride share service	0.4
Car	76.3
Walk	2.3
Bicycle	0.5
Other	1.6
Worked at home or did not work	17.2

Source: ABS, Census of Population and Housing, 2021, Working Population Profile - W22





Method of travel to work data should be viewed in conjunction with workers' place of residence. This will help to provide a clearer picture of where people come from to work within the Toowoomba SA4. At the time of the 2021 census, 13.5 per cent (7503) of the region's workforce resided outside of the Toowoomba SA3, 4 per cent (2970) lived in the Darling Downs - East area and 3.3 per cent (2424) travelled from the Ipswich Hinterland region. This data highlights the significant number of workers who travel from neighbouring areas, emphasising the importance of regional connectivity and infrastructure in supporting the local workforce.

Table 4 Top five usual resident SA3s, Toowoomba SA4, 2021

SA3s	Тооwоо	omba SA4
	Number	Percentage
Toowoomba	63,763	86.5
Darling Downs - East	2970	4
Ipswich Hinterland	2424	3.3
Granite Belt	1265	1.7
lpswich Inner	428	0.6
Other (a)	2840	3.9
Total	73,684	100

Source: ABS *Census of Population and Housing 2021, Working Population Profile,* unpublished data and Queensland Treasury estimates (a) Includes other SA3s within Australia as well as inadequately described and not stated responses. The sum of components may not add to total due to confidentially.

Schooling and non-school qualifications

At the time of the 2021 Census, 54.7 per cent of persons within the Toowoomba SA4 had year 11 or 12 (or equivalent) as their highest level of schooling, which is lower than the Queensland average. Table 5 below provides a breakdown of other school level year attainments for the Toowoomba SA4 compared to Queensland.

Table 5 Highest level of schooling completed, Toowoomba SA4 and Queensland, 2021

	Did not go to school or Year 8 or below (%)	Year 9 or 10 or Equivalent (%)	Year 11 or 12 or Equivalent (%)
Toowoomba SA4	6.7	28	59.2
Queensland	4.4	24.6	63.6

Source: ABS, Census of Population and Housing, 2021, General Community Profile - G16

Table 6 Non-school qualifications by level of education, Toowoomba SA4 and Queensland, 2021

	Bachelor degree or higher (%)	Advanced diploma or diploma (%)	Certificate (%)	Persons with a qualification (%)
Toowoomba SA4	20.1	8.8	23.4	59.9
Queensland	21.9	9.4	22.1	62.5

Source: ABS, Census of Population and Housing, General Community Profile - G43 and G49

Table 6 above provides a breakdown of the largest non-school qualification by level of education for the Toowoomba SA4 compared to Queensland.

As of 2024, the largest non-school qualification field of study in the Toowoomba SA4 was management and commerce at 16.6 per cent. This is lower than the Queensland average for the same field, which is 18.4 per cent.

Table 7 below provides a breakdown of the five highest non-school qualifications for the Toowoomba SA4 as of 2024. These fields continue to represent the most common areas of study for non-school qualifications in Toowoomba SA4, reflecting the region's evolving educational and professional landscape.

 Table 7 Non-school qualifications by field of study, Toowoomba SA4 and Queensland, 2021

Field of study	Toowoomba	SA4	Queensla	nd
	Number	%	Number	%
Natural and physical sciences	1545	2	63,861	2.4
Information technology	1479	1.9	64,750	2.5
Engineering and related technologies	11,225	14.4	380,136	14.5
Architecture and building	4125	5.3	151,067	5.8
Agriculture environment and related studies	2421	3.1	49,434	1.9
Health	10,136	13	285,611	10.9
Education	7727	9.9	205,309	7.8
Management and commerce	12,950	16.6	480,526	18.4
Society and culture	9435	12.1	309,683	11.8
Creative arts	1878	2.4	86,519	3.3
Food hospitality and personal services	4543	5.8	146,167	5.6
Mixed field programmes	155	0.2	4427	0.2
Total	78,019	100	2,618,666	100



Vocational education and training and employment pathways¹³

For the year 2023 there was a total of 21,380 program enrolments (training package qualifications) in the Toowoomba SA4 region.

The tables below represent the top five enrolments, completions, and completions by level of qualification for the same period. This data highlights the potential misalignment between uptake of local training offerings and local industry needs, it is recommended strengthening understanding of future skills needs and employment projection data with education providers may support a realignment and enhance workforce entry outcomes.

Table 8 Top five VET program enrolments (program name), 2023, Toowoomba SA4





13. National Centre for Vocational Education Research. (2023). VOCSTATS database, Total VET students and courses 2023. Adelaide: National Centre for Vocational Education Research. <u>https://www.ncver.edu.au/research-and-statistics/publications/all-publications/total-vet-students-and-courses-2023</u>



Table 9 Top five VET program completions (parent training package), 2023, Toowoomba SA4

Table 10 Top five program completions, level of qualification, 2023, Toowoomba SA4



Queensland Training Summary¹⁴



Table 11 Government funded VET outcomes, DTET Darling Downs South West region, 2021-2022 to 2022-2023

training data.

	Darling Downs South West			
	2021-2022	2022-2023	Change	
Certificate I and II	817	748	-8.45%	
Certificate III	1242	1122	-9.66%	
Certificate IV	234	232	-0.85%	
Diploma and higher	204	214	4.9%	
Completed qualifications	2497	2316	-7.25%	
15-19 year-old students	863	845	-2.09%	
Indigenous students	177	137	-22.6%	
Students with a disability	184	232	26.09%	

14. VET and Apprentice and Trainee participation statistics as at October 2023, Department of Trade, Employment and Training, data slicers, publicly available.

Apprenticeships and Traineeships - SA4 region¹⁵

Apprenticeship and traineeship commencements for the 12 months ending 30 June 2023 totalled 1615 a 37.8 per cent decrease on the previous twelve-month period. In region-consultation suggests a link between commencement rates and the conclusion of *The Boosting Apprenticeship Commencement subsidy*. Available October 2020 to June 2022, the incentive provided employers a 50 per cent wage subsidy for new or recommencing apprentices and trainees.

Completions of apprenticeships and traineeships for the year ending 30 June 2023 increased by 10 per cent compared to the previous year.

The top five industries for apprenticeship and traineeship commencements are pictured below.

The top five training commencements by occupation were Technicians and Trades Workers, Community and Personal Service Workers, Clerical and Administrative Workers, Machinery Operators and Drivers, and Sales Workers.

The top five training completions by occupation were Technicians and Trades Workers, Community and Personal Service Workers, Clerical and Administrative Workers, Sales Workers and Machinery Operators and Drivers.



 National Centre for Vocational Education Research. 2022, Apprentices and trainees 2023 - June quarter DataBuilder. <u>https://www.ncver.edu.au/research-and-statistics/data/databuilder#</u>

16. VET and Apprentice and Trainee participation statistics as at October 2023. Department of Trade, Employment and Training, data slicers. publicly available.

Your businesses



Construction

The construction industry is characterised by a significant proportion of full-time employees (79.1 per cent).¹⁷ Ongoing demand in this industry is anticipated, fuelled by requirements for new housing developments, recent abolishment of stamp duty for first home buyers on new builds, and key infrastructure projects within the region, such as the new Toowoomba Hospital. Construction represents 18 per cent (2612) of registered businesses in the Toowoomba SA4.

As the region expands, the need for residential, commercial and public infrastructure is creating strong demand for a skilled construction workforce. Toowoomba's role as a key service and transport hub for nearby rural areas also increases the demand for construction professionals with expertise across diverse areas, including project management, civil engineering and skilled trades.



Agriculture, forestry and fishing

The Toowoomba region has a rich agricultural heritage. Despite economic growth and diversification into various industries over the years, agriculture continues to be a significant contributor to the region's economy and a major source of employment. Agriculture, forestry and fishing currently employs 4984 people in the Toowoomba SA4 region and makes up 10.7 per cent (1552) of registered businesses. The demand for skills and qualifications in agriculture, forestry and fishing in the Toowoomba SA4 region is driven by the need for sustainable production practices, technological advancements and an evolving industry landscape.



Health care and social assistance

As the population ages, the need for specialised healthcare, aged care and social support services continues to rise, requiring a workforce equipped with advanced skills and training. Additionally, advances in medical technology and a growing emphasis on preventative care are increasing the complexity of roles, calling for higher qualifications and specialised expertise. Serving as a healthcare hub for surrounding rural areas also means the region requires a diverse range of skilled professionals, from allied health workers to social care specialists, to meet the community's expanding needs effectively. There are currently 1293 (8.9 per cent) registered health care and social assistance businesses in the Toowoomba SA4, employing 15,513 persons.

17. Queensland Government Statistician's Office. (2024). Queensland Regional Profiles (Various reports). Brisbane: Queensland Government. https://statistics.qgso.qld.gov.au/qld-regional-profiles



Education and training

The demand for skills and qualifications in education and training in the Toowoomba SA4 region is growing due to a range of influential factors. A rising population and an increasing emphasis on lifelong learning are driving the need for qualified educators across all levels, from early childhood through to vocational and higher education. Additionally, technological advancements and evolving industry needs are shaping a more dynamic curriculum, requiring educators with specialised knowledge and up-to-date skills. Toowoomba's role as an education hub for the broader region, serving both local and rural communities, further underscores the demand for skilled professionals in teaching, training, and support roles to help meet diverse learning needs and foster workforce readiness. There are currently 178 (1.2 per cent) registered education and training businesses in the Toowoomba SA4, employing 9792 persons.

The highlighted industries in Table 13 below are those in the Toowoomba Region that the Regional Jobs Committee (RJC) have identified as industries of focus. These figures represent the number of businesses and their respective percentages within the Toowoomba region.

Registered businesses by industry in	Toowoomba		Queensland	
Toowoomba (SA4)	Businesses	%	Businesses	%
Construction	2612	18	85,501	17.2
Rental, hiring and real estate services	1625	11.2	57,937	11.7
Agriculture, forestry and fishing	1552	10.7	41,926	8.4
Professional, scientific and technical services	1326	9.1	61,508	12.4
Health care and social assistance	1293	8.9	37,240	7.5
Transport, postal and warehousing	1053	7.3	36,270	7.3
Other services	891	6.1	27,606	5.6
Retail trade	878	6	29,355	5.9
Administrative and support services	634	4.4	23,042	4.6
Manufacturing	597	4.1	18,285	3.7
Financial and insurance services	593	4.1	20,285	4.1

Table 13 Registered businesses by industry, Toowoomba SA4 and Queensland, 30 June 2023

Source: ABS, Counts of Australian Businesses, including Entries and Exits, various editions

Future opportunities for the Toowoomba Region

Future opportunities for Toowoomba align with four common themes:





1. Build workforce capability

Leveraging transformative technology

Stakeholder consultation suggests limited access to and usage of technology inhibits the growth of the region, and additional investment in local infrastructure and training is needed to increase the uptake and use of technology as it becomes a critical component of the region's participation in a globally competitive market place. Anticipated recruitment to employ the next generation of TAFE teachers may support development of a pipeline of critical workers.

Local residents report scepticism regarding the impact of technology within the workplace. This may be addressed through a promotional campaign to highlight the benefits of technology on businesses and individuals.

As the region continues to operate as a hub to major services, workers may benefit from longitudinal research on the impacts on mental health while working remotely, including the benefits and impacts of telehealth.

Develop a life-long learning mindset

Continuous learning and knowledge sharing is essential to the ongoing competitiveness of the labour market and broader business economic feasibility. Staff should be encouraged to seek and share knowledge across the region.

Building transferable skills to support career transitioning through locally based contextualised and flexible training options may increase participation rates and progression through the broader labour market.

Early engagement with students through career advisory services and informed career advice encourages diverse career paths and supports local industry needs.

JQ has supported capability building through delivery of a series of webinars and workshops, including workforce planning, and data sourcing and analysis. TAFE offers free micro-credentials with flexible, on demand delivery options across a variety of topics. The region may benefit from further promotion of these opportunities by highlighting local organisations that have participated and benefited from the process.

Collaborate to develop a responsive training system

Targeted skills development programs that align TAFE and vocational training with specific regional job market needs, focusing on both technical and soft skills, may expedite the closing of skill gaps.

Industry partnerships to enhance training, involving collaboration between educational institutions and industry leaders, can offer timely, industry-aligned training that addresses local needs.

Updating training models to be adaptable and industry-responsive, such as focusing on company-based and competency-based learning, ensures training remains relevant to evolving job demands.

Promoting skill recognition for migrants and refugees, alongside adopting hiring practices that value eagerness and trainability, supports on-the-job learning and strengthens the regional workforce.

Strengthen local business ecosystems

Building skills and capability of business owners is essential to the region's ability to remain globally competitive and meet the service requirements of the neighbouring regional communities Toowoomba supports.

Workforce planning, supported by a business plan positions businesses to respond to workforce needs now and into the future. By supporting the local business ecosystem to develop organisation level strategic plans the region is better positioned to manage change and leverage workforce opportunities as they emerge.

Upskilling RJC members and the local Chamber of Commerce in this area may support promotion and uptake rates of forward planning and application of consistent messaging.

Promotion of Toowoomba as a skills hub highlights its strengths in sectors like defence, agriculture, tech, manufacturing and healthcare, attracting local talent.



Future opportunity

Existing resources

Building skills and capability in the use of technology locally	<u>Toowoomba Region Libraries free</u> technology classes
Targeted promotion to highlight the benefits of transformative technology to both businesses and individuals	• <u>The digital literacies imperative for</u> <u>Queensland Businesses</u>
Longitudinal research on the impacts of mental health while working remotely, including the benefits and impacts of telehealth	• Universities have undertaken research on this topic
Promote development of digital skills and capabilities	Digital Solutions - Australian Small Business Advisory Services
Champion lifelong learning and encourage professional development discussions with local employers	• Lifelong Learning: The Foundation of Future Work
Discuss how to recognise transferable skills (of applicants) with local employers to increase skills mobility across industries and retain workers locally	 Local Chambers of Commerce Employment services providers Employ Toowoomba
Promote organisations that have participated and benefited from using free training opportunities	 Local Chambers of Commerce Regional Development Australia Local DTET newsletter Employ Toowoomba
Targeted skills development programs that align TAFE and vocational training with specific regional job market needs	Local DTET officeTAFE QueenslandIndustry partnerships
Increased region participation in training package reviews to support alignment between training delivery models and local employer needs	• Jobs and Skills Australia
Promoting skill recognition for migrants and refugees	Overseas skills recognition process
Promote benefits of workforce planning with local businesses and encourage them to engage in capability building, particularly those businesses in the agriculture, forestry and fishing, health care and social assistance, construction and education and training	 Chambers of Commerce Local Government DTET and Jobs Queensland Workforce Planning Connect, Jobs Queensland Industry Workforce Advisors Network Workforce Planning for Business course
Promotion of Toowoomba as a skills hub	Employ Toowoomba



Promote existing pathways and programs

Increasing awareness of the benefits of workforce experience and job shadowing with local employers may accelerate their engagement levels and improve youth access to career opportunities.

Targeted programs for underrepresented groups, such as initiatives like Clontarf Academy and Beyond the Broncos, support Indigenous youth, CALD communities and foster youth by providing pathways and mentorship opportunities.

Programs like Skilling Queenslanders for Work (SQW) and pre-apprenticeships deliver foundational skills and industry exposure for these groups.

Soft skills development is highlighted as increasing imperative to employers locally. There is opportunity for education and employment providers to reach agreement on what these skills are and promote these consistently with job seekers to support their entry.

Promoting cultural safety in hiring, supported by recruitment specialists skilled in creating inclusive environments, promotes diversity and fosters positive workplace cultures.

Leverage local networks

Engaging the retired workforce as trainers to mentor and train apprentices addresses labour shortages while providing valuable guidance to the next generation of workers.

School-to-industry partnerships, such as those fostered through the Gateway to Industry Schools Program (GISP), build connections between schools and industries, providing early exposure and seamless transitions for students entering the workforce. The region does have schools participating in this program and further promotion to employers may expand those willing to participate and support this vital pathway opportunity for the regions youth. This is particularly relevant to programs connected to industries with high business representation across the region such as health care and social assistance, agriculture and building and construction, as well as those projected to experience significant jobs growth in the region (accommodation and food services, and retail trade; both of which form a large portion of tourism as a composite industry)

Students participating in GISP are exposed to a range of learning experiences to assist them in career choices and pathways to employment. With the RJC supporting industry and education connections, local schools may enhance their participation in the program and connect with local industry to provide targeted training solutions for workforce issues.

Enhance advocacy

Flexible training options, including part-time and fee-free TAFE courses, alongside local training programs, offer accessible pathways for those needing non-traditional schedules.

The Toowoomba Future of Jobs - Youth Forum emphasised local students uncertainty about future career opportunities and the need to enhance career guidance beyond tertiary pathway options with students, parents and educators.

Linking students and parents with career pathway information through around table discussions provides an informal avenue to building knowledge relating to employers expectations, local opportunities available and the skills required to succeed in the workplace.

Local advocacy to reduce barriers to engagement with the VET system is required for entrants that are deemed 'not eligible' but live locally and have skills required by employers and require or would benefit from a formal qualification to support entry and retention into the local workforce.

Future opportunity	Existing resources
Increase awareness of work experience process with local employers to accelerate engagement levels	• <u>Work experience placements for</u> <u>school students</u>
	 Youth Employment Success Program (YES)
Offer targeted pathway programs to support work readiness of underrepresented groups	Clontarf AcademyBeyond BroncosSkilling Queenslanders for Work
Work with local education and employment providers to discuss and agree on essential skills needs (soft skills) to be successful in the workplace and promote these across the region	 Department of Trade, Employment and Training - Darling Downs South West Region: <u>Bringing Employers</u> <u>and Schools Together (Chinchilla)</u> initiative.
Promote cultural safety practices to support diversity and inclusion across local employers	<u>Workforce Evolve</u>
Explore opportunities to reengage with retired workers to support apprentices and trainees through mentoring	• <u>TAFE micro-credential Mentoring</u> an apprentice of trainee
Supporting more local high schools to participate in the <u>Gateway to Industry Schools Program (GISP)</u> may provide valuable linkages to industry and pathways for students	 Gateway to Industry Schools Programs: Health and <u>Community Services</u> Agribusiness Building and Construction Tourism and hospitality_
Host round table for parents and students in Toowoomba to increase awareness of local pathway opportunities	 Department of Trade, Employment and Training – Darling Downs South West Region: School and Industry events
Leverage Link and Launch programs to support youth transitions	• <u>Strengthening transitions – Link and</u> <u>Launch</u>
Enhance career guidance beyond tertiary pathway options with students, parents and educators	 Link and Launch School to Work Transitions program Gateway to Industry Schools. Program
Increase advocacy for underrepresented individuals by gathering examples of barriers being faced, including requesting changes to eligibility criteria for qualification recognition.	 <u>Multicultural Australia</u> <u>Overseas qualification recognition</u>



3. Promote workplace diversity

As a designated Refugee Welcome Zone, Toowoomba is committed to fostering inclusivity and supporting new residents from diverse backgrounds, including refugees and migrants. Toowoomba's commitment to diversity extends to other key community groups, including people with disability, parents returning to the workforce and mature-aged workers, ensuring that everyone has the opportunity to contribute to and benefit from the region's economic growth. This rich diversity not only enriches workplace culture, but also fuels community engagement, productivity and sustainable growth.

Activate the local business ecosystem

Through strengthening HR practices in small businesses, particularly in recruitment, diversity assessment, and workforce planning, capability to support inclusive workplaces will be built locally, enhancing pathways for individuals living locally where all workers can thrive.

Toowoomba Chamber's Business Connect program, which creates opportunities for Toowoomba businesses to access the diverse skills offered by Toowoomba's migrant and refugee communities.

Leverage local program providers

On-the-job training and apprenticeships, including micro-credentials, provide pathways for young and diverse workers to gain industry-relevant skills.

Engage local community

Exploring funding options to provide accessible work experience opportunities for students and job seekers bolsters pathways to employment while fostering a strong and resilient local workforce.

Community engagement efforts, such as involving schools and community champions, highlight career pathways and the region's lifestyle and job opportunities, supporting workforce attraction.

Diverse talent utilisation, such as leveraging the skills of migrants, CALD communities, and age-diverse workers, enhances workforce diversity and strengthens the local economy.



Future opportunity

Existing resources

Increase promotion of Refugee Welcome Zone and benefits to businesses	<u>Refugee Council of Australia</u>
Promote business benefits for diversity and inclusion	 Workforce Evolve Multicultural Australia Supporting individuals in the transition to future work
Strengthen HR practices by engaging Industry Workforce Advisor Network to support workforce planning and possible access to HR grant	 Chambers of Commerce Toowoomba Surat Basin Enterprises
Promote inclusive recruitment practices and flexible work arrangements	 Business Queensland Workforce diversity and inclusion Queensland Government Workplace inclusion and diversity Toowoomba Chamber Disability and Employment Information for Employers on Disability and Employment Toowoomba Regional Council Multicultural services Welcoming Australia - Workplace Readiness Pilot
Enhance promotion of Chambers Business Connect program to support migrant and refugee communities	 <u>Cultural Awareness Handbook</u> <u>Skilled Migrants and Refugees</u> <u>video</u>
Increase local awareness and uptake of apprenticeships to provide an employment pathway for the region's youth	 Department of Trade, Employment and Training <u>Diverse Queensland Workforce</u> <u>program</u>
Provide accessible work experience opportunities for students and job seekers	Chambers of CommerceLocal schools
Involve schools and community champions to highlight career pathways	 Link and Launch Department of Trade, Employment and Training Chambers of Commerce Local schools
Leverage migrant and CALD communities to enhance workforce diversity	 Adult Migrant English Program Skills for Education and Employment



Think globally, act locally

Toowoomba's strategic location as a transportation hub, with road, rail, and air connectivity, positions it well for logistics, trade, and business growth. Promoting both existing and future opportunities increases employment pathways for the local community.

Understanding global megatrends and how they impact regional economies may provide the local business community a competitive advantage, allowing them to implement contingency planning that complements existing business and workforce planning cycles.

Toowoomba's diverse economy, with strengths in agriculture, education, health, manufacturing and innovative family-owned businesses, provides a stable and varied economic foundation to leverage global trade opportunities, while it's high quality of life, with strong community bonds, work-life balance and a community-centric focus, fosters a locally tailored workforce development approach and makes the region attractive to skilled labour.

Placemaking, housing, liveability and retention strategies are all live conversations for the region. Engaging with key researchers to source information on best practice methods to improve retention of a skilled workforce in regional areas. By highlighting the benefits of living and working locally, the region may experience increased retention rates while also strengthening the region's business ecosystem.

Support key growth and emerging industries

Local employers have expressed a need to understand what the future of work and employment landscape may look like to assist them with forward planning. Jobs Queensland's Anticipating Future Skills needs may assist in this area if it were promoted and discussed locally with employers.

Skills mobility options, such as moving skilled workers between industries locally and discussions relating to likely transferable occupations, can help address labour shortages while supporting regional economic stability.

Proactive skills development

A focus on lifelong learning across the entire community can be a critical source of competitive advantage for the region. It can position Toowoomba to respond to changes in economic circumstance and leverage global opportunities.

The region's multicultural population offers a wide range of skills that can support various industries, contributing to workforce adaptability. Through active engagement with service providers, employers can tap into this locally available workforce.

Jobs Queensland has funded (through the Queensland Care Consortium program) research and training via the University of Southern Queensland who will roll out training in psychosocial hazards and support to health practitioners in hospital and health services throughout South West, Darling Downs and West Moreton districts. Further to this, JQ's Grow Your Own Regional Workforce program is funding Toowoomba and Surat Basin Enterprise (TSBE) to deliver a Health focussed workforce plan for the region. Connecting with these existing projects will enhance local outcomes. Proactive skill development efforts by local leaders, including advocating for skill development, investment and adaptation to industry trends, further support the vision for Toowoomba to be the educational and training hub, with specialised education options and industry-aligned training facilities that equip the workforce to meet future demands.

Workforce participation rates may be boosted through an continued focus on engagement with program providers such as Link and Launch and with employment providers to increase outcomes for the region.

Future opportunity

Existing resources

Promoting Toowoomba as a transportation hub	Chambers of Commerce
	Toowoomba Regional CouncilToowoomba Surat Basin Enterprises
Assist the region to understand the impacts of global megatrends on the local workforce skills needs	Our Future World report: CSIRO
Placemaking campaign to highlight the benefits of living and	<u>Toowoomba Region Futures</u>
working locally	<u>Regional Australia Institute:</u> <u>Liveability Toolkit</u>
	 Toowoomba Chamber of Commerce
	Toowoomba Regional Council
Promote JQ's <i>Anticipating Future Skills</i> projections locally with education and employment providers	Anticipating Future Skills
Discuss Likely Transferable Occupations and skills mobility with local employers to increase awareness of workers who can transition into the labour force	Workforce Planning for Regions Guide
Instil a life-long learning mindset in all learning programs	Lifelong learning: The foundation of future work report
Enhance engagement with local services providers to support	<u>Workforce Evolve</u>
migrant populations employment entry	<u>Multicultural Australia</u>
	Supporting individuals in the transition to future work
Research psychological factors influencing career decisions in rural areas	• JQ has funded research and training for Health in region.
	• JQ has funded workforce plan for Health in partnership with TSBE
Local advocacy for skills development initiatives to be offered in region that is adaptive to industry needs	TAFE Queensland
Work with Link and Launch and employment providers to enhance awareness of local opportunities	 Strengthening transitions – Link and Launch

Other industry initiatives that align with identified regional focus	Resources include (not an exhaustive list)
Education and training	<u>Queensland Government</u>
Health care and social assistance	Workability Micro-Credentials
	<u>Choose Your Own Health Career - Vocational Education</u> (cyohealthcareer.com.au)
Building and construction	<u>Construction Skills Queensland</u>
	National Institute of Construction Skills
Agriculture, forestry and fishing	Queensland Agriculture Workforce Network
Other/general	Skilling Queenslanders for Work
	<u>Back to Work</u>
	<u>Accelerating Female Founders Program</u>

Government initiatives to support

Mentoring for Growth	Mentoring for Growth (M4G) offers eligible businesses free access to volunteer business experts who provide insights, options and suggestions relating to challenges and opportunities they are experiencing in their business.
VET investment programs	\$500 million annual funding for subsidies to support Queenslanders to access affordable training places in priority industries, including apprenticeships and traineeships.
Skilling Queenslanders for Work	Skilling Queenslanders for Work funds training and support for unemployed or underemployed people, with a focus on young people (including those in and transitioned from out-of-home care), Aboriginal peoples and Torres Strait Islander peoples, people with disability, mature-age job seekers, women re-entering the workforce, veterans and ex-service personnel, and people from culturally and linguistically diverse backgrounds.
Gateway to Industry Schools program	Led by industry organisations which develop and implement tailored school engagement activities in line with their industry's key skills and workforce priorities.
Diverse Queensland Workforce program	The Diverse Queensland Workforce program will deliver \$8.5 million in funding, until 30 June 2025, to assist up to 2500 migrants, refugees and international students into employment. This program is funded under the Future Skills Fund and is being expanded as part of the <i>Good people</i> . <i>Good jobs: Queensland Workforce Strategy 2022-2032</i> .
Fee-free TAFE	Fee-free TAFE covers the cost of training for specific high priority qualifications at TAFE Queensland and CQUniversity.

Strategies to support



Anticipating Future Skills

In consultation with stakeholders across the state, Jobs Queensland devised three future scenarios, which are useful tools for dealing with complexity and uncertainty. Grounded in existing data and trends, scenarios do not generate predictions but depict plausible futures.



Future work, future jobs

While change to the composition of employment in Queensland has been happening for decades, the speed and extent of change in increasing. Opportunities for new and different work are emerging. Future work, future jobs examines this transition and provides a roadmap to the future. Collaboration and planning are essential.



Regional Tourism Workforce Plans

The Regional Tourism Workforce Plans provide more specific advice and actions at a regional level. They have been tailored to individual regional needs ensuring regional differences are adequately reflected, and that recommended actions provide practical solutions to local issues.



Supporting workforces during industry transition

Transition is a continual event in an industry's life cycle and the impact of industry transitions can be challenging. However, transitions can also bring about positive change in situations where an industry grows rapidly or where there is industry renewal. Both of these experiences have been amplified as a result of recent economic disruption. This research identified eight key elements that can influence a successful transition strategy for industries and regions.



Lifelong Learning: The Foundation of Future Work

This report describes a model for enabling and encouraging individuals to adopt a lifelong learning mindset and rationale for industries and businesses to roster a learning culture in the workplace.



Social Enterprise

Jobs Queensland facilitated research to understand appropriate roles for government to help support social enterprise activity to deliver economic and social outcomes for Queensland. <u>Read the research overview</u>. As discussed, Jobs Queensland's work informed the <u>Queensland Social Enterprise Strategy</u> that was released in September 2019.



Future Work for Small Business

The research in this report identified small business skills and capability development as an important element to increasing small business productivity into the next decade.



