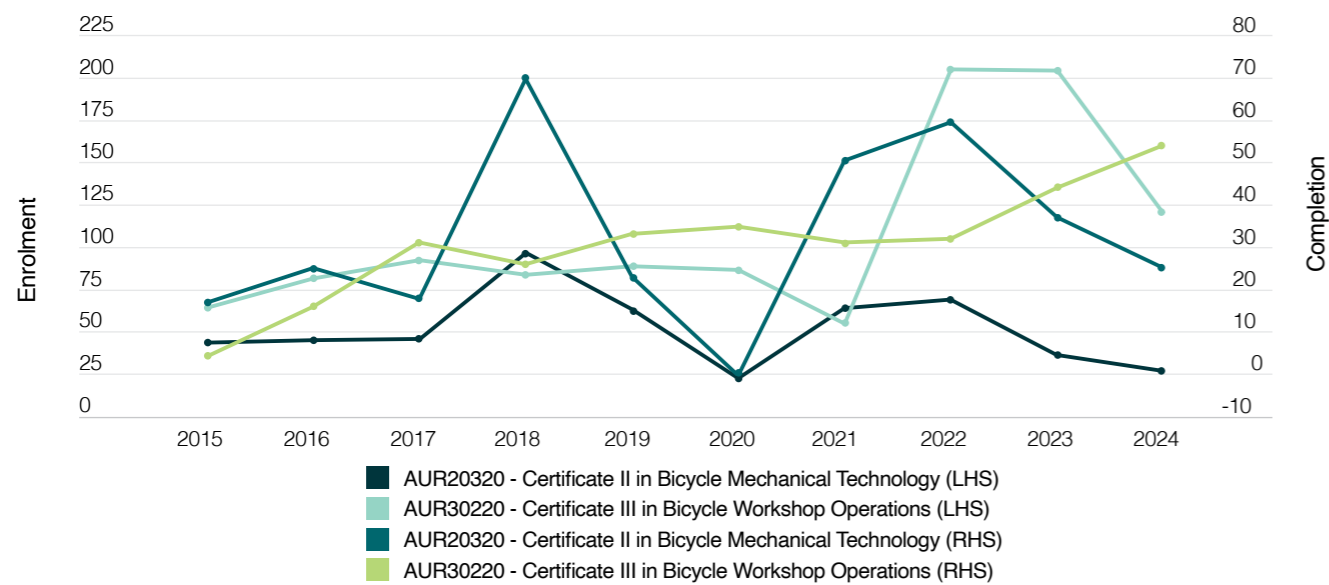


State of the Industry - Bicycles

Declining enrolments in VET

Although enrolments in bicycle technician programs are declining (Figure A24), as many learners are opting for shorter, industry-specific courses like Cytech Technical courses¹, which offer practical skills and international recognition without the longer duration or higher cost of formal Australian Qualifications Framework (AQF) qualifications. While enrolments are declining, completions in AUR30220, Certificate III in Bicycle Workshop Operations, have increased to 54 in 2024 (Figure A24).

Figure A24: Enrolment and completion in bicycle technician training, 2015–2024



Source: VOCSTATS, "Total VET students and courses 2015-2024", 2024.

Victoria leads bicycle mechanic employment

Victoria has the highest share of bicycle mechanics (28.4%), followed by New South Wales and Queensland (25.8%) and 20.6%). This distribution aligns with Australia's most populous states, where higher bicycle use is likely to drive greater demand for bicycle mechanics (Figure A25).

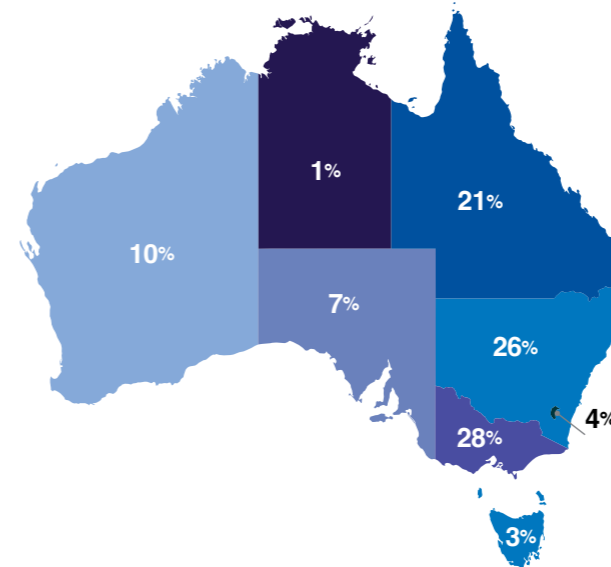
Most bicycle businesses operate in NSW (30.2%), followed by VIC (26.0%) and QLD (22.1%) (Figure A26). However, VIC and ACT record the highest per capita spending, supported by urban environments and large student and young professional populations, where cycling is widely integrated into daily life.² Bicycles account for 0.7% of all trips in Australia, surpassing the share of motorcycle (0.4%) and tram travel (0.3%).³

The cycling ecosystem generates \$18.6 billion in economic and social benefits

In 2022, the Australian cycling economy generated an estimated \$18.6bn in economic and social benefits, supporting 60,671 direct and indirect jobs nationally. This included \$16.9bn in total economic contribution from cycling and \$954m in avoided healthcare costs and social benefits. Additionally, cycling helped avoid 514,096 tonnes of carbon dioxide equivalent (tCO₂-e) and 2.2 m kg of air pollutants (Table A9).⁴

¹ Cytech, "The Bicycle Academy, Australia", 2026.
² IBISWorld, "Bicycle Retailing and Repair in Australia", 2025.
³ ABS, "Australia's journey to work, 2021", 2022.
⁴ We Ride Australia, "The Australian Cycling and E-Scooter Economy in 2022", 2023.

Figure A25: Bicycle mechanic by state, 2021



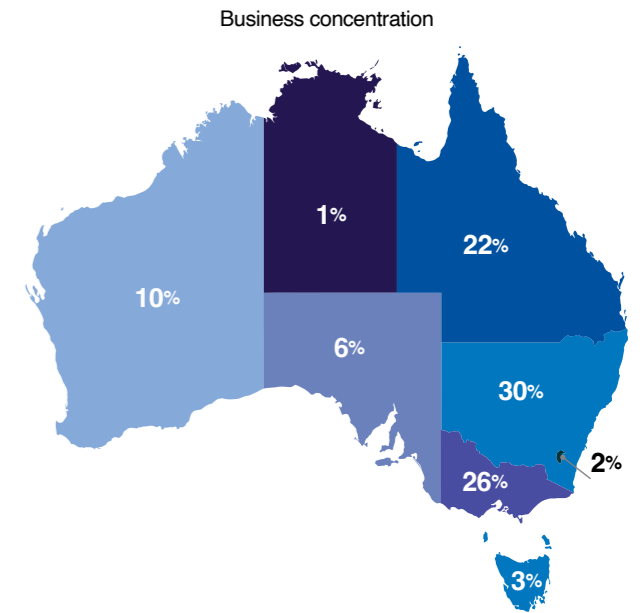
Source: ABS, 2021 Census Data, 2022.

With the growth of E-bikes, some in the industry have expressed increasing concerns about meeting safety standards

The Australian bicycle industry has highlighted concerns about the growing number of e-bikes on the market that may not meet consistent safety standards. Variations in

regulations since 2021 have led to overpowered machines, battery fire hazards and legal confusion. Bicycling organisations have called for stricter import and safety standards (such as EN 15194) and updated national definitions and regulations to ensure e-bikes sold and used are safe and fit for purpose.⁵

Figure A26: Bicycle business concentration, 2025



Source: IBISWorld, "Bicycle Retailing and Repair in Australia", 2025.

Table A9: Estimated benefits on cycling and e-scooters, 2022

Estimated benefits	Value (2022)
Economic Benefits from Direct Expenditure	
Total Economic Contribution of Cycling (Direct & Indirect Output)	\$16.9 bn
• Direct Output (Cycling)	\$6.7 bn
• Indirect Output (Cycling)	\$10.2 bn
• Direct Employment (Cycling)	32,634
• Indirect Employment (Cycling)	25,638
Total Economic Contribution of E-scooters (Direct & Indirect Output)	\$728 m
• Direct Output (E-scooters)	\$295 m
• Indirect Output (E-scooters)	\$433 m
• Direct Employment (E-scooters)	1,304
• Indirect Employment (E-scooters)	1,095
Health and Social Benefits of Cycling	
Avoided Net Financial Costs to Australia's Healthcare System	\$313.3 m
Productivity Benefits	\$540.4 m
Value of Life Years Gained	\$100.7 m
Total Economic, Social and Health Benefits	\$18.6 bn
Total Jobs (FTE)	60,671
Additional Environmental Benefits of Cycling	
GHG Emissions Avoided	514,096 tCO ₂ -e
Air Pollutants Avoided	2.2 m kg

Source: We Ride Australia, "The Australian Cycling and E-Scooter Economy in 2022", 10 November 2023.

⁵ We Ride Australia, "60 Minutes report 'Riding for a Fall'", 2025.