



AUSTRALIAN
INDUSTRY
STANDARDS

WELCOME TO THE AIS INDUSTRY FOCUS 360 SERIES OF WEBINARS

INDUSTRY: TRANSPORT AND LOGISTICS

THE WEBINAR WILL COMMENCE SHORTLY

PANEL MEMBERS



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AGENDA

1

Scene setting

2

Transport and
Logistics
industry

3

IRC skills
focus

4

Q&A

5

Wrap up

6

Engagement
hub

SCENE SETTING

1

VET sector **supports**
Australia's industry
through upskilling
and reskilling

2

The **double disruption** of digital transformation and COVID-19 will mean VET is more important than ever

3

Industry Reference Committees (IRCs) are the **conduit to industry** in developing skills standards

4

Industry engagement ensures **skilled labour meets industry needs, supporting individuals** with their careers

QUALIFICATION DEVELOPMENT PIPELINE



Australian Industry Standards, as a Skills Service Organisation, supports and facilitates the delivery of this work on behalf of each IRC, throughout the stages from skills identification to qualification approval. We also provide guidance to Registered Training Organisations to support the implementation of new or updated qualifications and skills standards.

TRANSPORT & LOGISTICS SECTOR

WORKFORCE

530,726
2021



2026

570,643

F

21%

M

79%

At **45.6 years old**, the typical worker is 4 years, 11 months older than the national average. The workforce is ageing at 2.2 times the national rate

7.5%

EMPLOYMENT
GROWTH TO 2026



INDUSTRY VALUE

\$

REVENUE

\$101.51B

VALUE ADD

\$39.91B

TRANSPORT & LOGISTICS SECTOR

The Transport and Logistics industry is an intrinsic part of the Australian economy. Each sector adds value to vital goods and services across the supply chain by planning, transporting, storing and distributing products throughout Australia and the world. Technology is helping to shape the value chain by using automated and semi-automated vehicles, equipment and systems.

1. Industry trends and issues
2. Forecast workforce need
3. IRC's role in addressing skills needs



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TRANSPORT AND LOGISTICS IRC SKILLS FOCUS



The industry is diversifying supply chain through innovations such as AI, IoT, blockchain, and data analytics to ensure the resilience of supply chain. This requires the development of skills for procurement and scheduling professionals.



Automation will require the development of workplace skills for the operation of semi-autonomous and autonomous machines, as well as working in robotic warehouses.



The workforce needs to have the capacity to cross utilise technologies within vehicles to support a safer work environment whilst on the road or loading/unloading, through driver behaviour monitoring technologies.

TRANSPORT AND LOGISTICS IRC SKILLS FOCUS



Growth in the use of digital technologies in the transport and logistic sector will require the development of digital skills across the entire transport and logistics workforce.



Digitalisation of supply chain operations mean that the Transport and Logistics industry will need to progressively develop the workforce skills needs to minimise the risk of cyber attacks.



Crane technology has undergone significant changes to improve efficiency and safety. The workforce needs to have the capacity to operate mobile cranes safely, professionally and be skilled in the use of crane operation technologies.

TRANSPORT AND LOGISTICS IRC SKILLS FOCUS



There is industry demand for enhanced technical skills across Integrated Logistics Support (ILS) for the Naval Shipbuilding and Transport and Logistics industries.



The issue of mental health in the industry has become more prominent recently because of COVID-19. The industry needs to continue its focus on mental health issues and raising awareness of its workforce.



The higher average age of the transportation workforce, exacerbated by the near-term introduction of technology into the workplace will require sourcing of skilled workers.



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Q & A

20 Minutes session



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Discussion starter [survey now open](#) for your feedback.

Visit our Engagement Hub on the AIS website – a one stop portal to support your participation in shaping Australia's workforce of the future.

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