

Influencing the safety of young workers

9 July 2015



Meet your moderator

Naomi Mason
Customer Services Manager
WorkCover Queensland



How to interact today

Select audio on the control panel to change between computer audio and telephone.

Click on the red button to hide and unhide the panel.

Type your comments and questions here.


Your comments and questions will appear here throughout the webinar.

The screenshot shows a control panel for a webinar. On the left is a vertical toolbar with icons for audio, microphone, screen sharing, and help. The main panel has a title bar with 'File View Help' and window controls. Below the title bar is an 'Audio' section with radio buttons for 'Telephone' (selected) and 'Mic & Speakers'. It displays 'Dial: +61 3 8488 8992' and 'Access Code: 862-129-254' with the status 'You are connected to audio'. Below this is a 'Questions' section with a text input field containing '[Enter a question for staff]' and a 'Send' button. At the bottom, it shows the webinar title 'Sam and Rob Test', the ID 'Webinar ID: 123-455-903', and the 'GoToWebinar' logo.

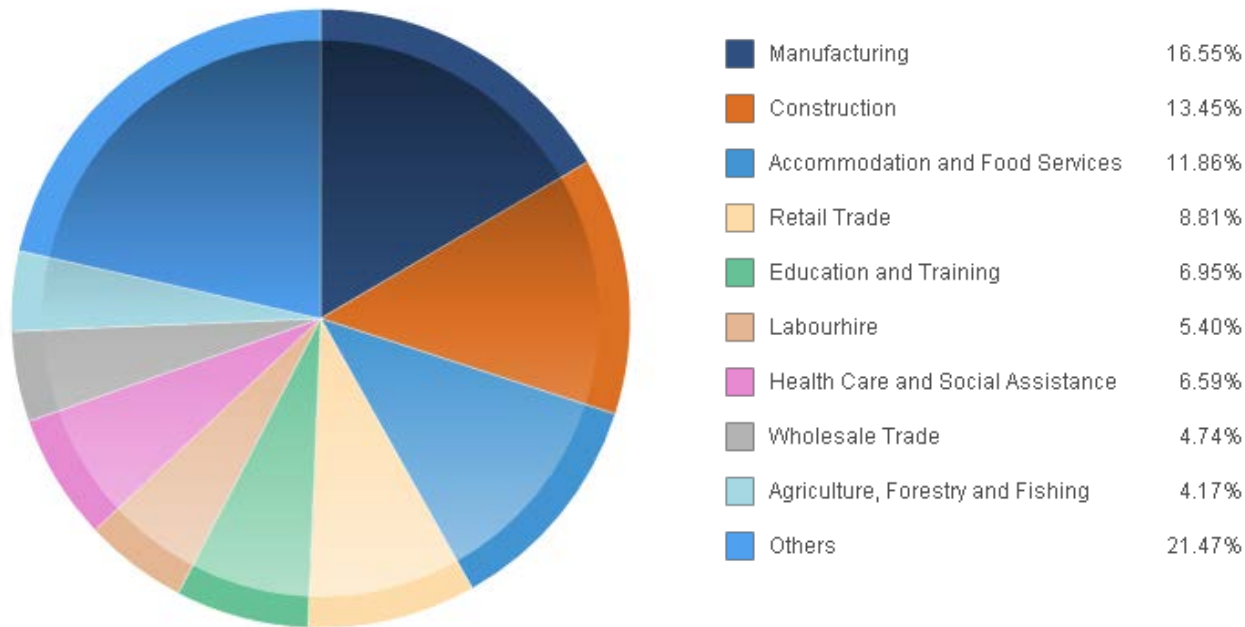
After the webinar

- Webinar recording and presentation will be on worksafe.qld.gov.au in the coming weeks
- So we can continually improve our level of service, we would appreciate you completing a short survey at the end of the webinar

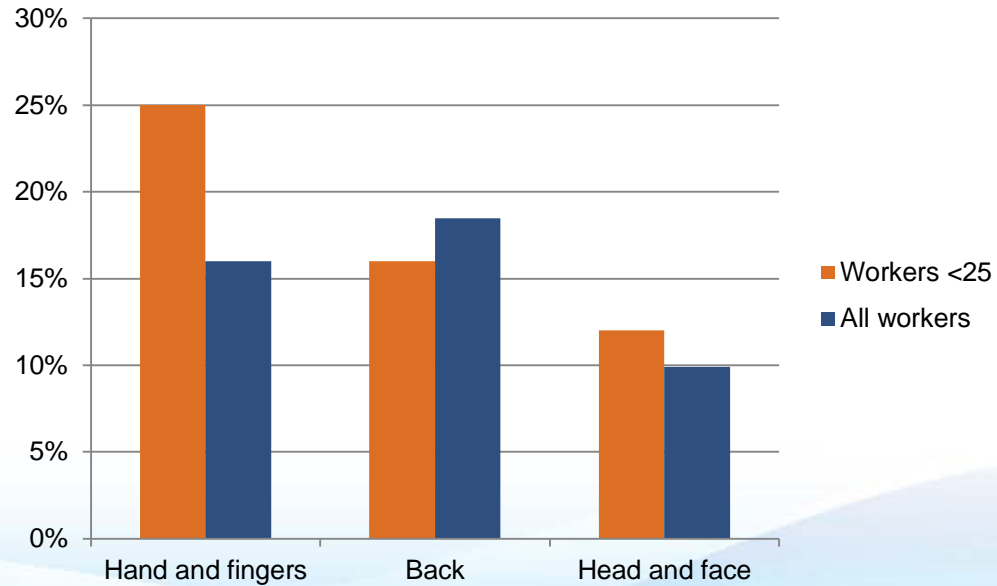
Session summary

- Claim trends
 - Case study overview
 - Young adult brain development
 - Vulnerabilities specific to young adults
 - Practical advice for employers
- 

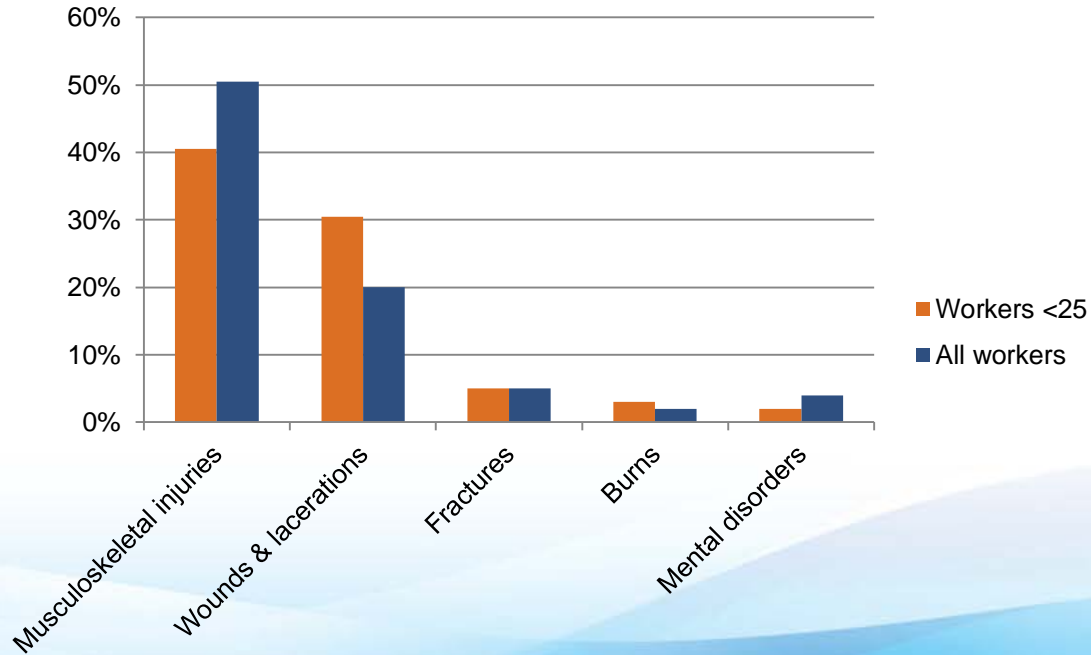
Industry breakdown of young worker claims



Injury nature



Injury location



Case study discussion

Injured worker:	17 year old male marine mechanic
Accident details:	whilst transferring fuel from underfloor fuel tank a spark caused a fire
Injury type:	superficial burns to hands, wrists and legs
Treatment:	admitted to hospital for 11 days compression garments and burn cream
Return to work:	suitable duties for 3 weeks pre-injury duties within 8 weeks of the accident
Worker goal:	get tan back, recover as quickly as possible

Meet our Guest speaker

Lisa Newland
Principal Consultant
Sentis



HISTORICAL NEGATIVITY

“I see no hope for the future of our people if they are dependent on the frivolous youth of today, for certainly all youth are reckless beyond words”.

Hesiod (a Greek poet, 700BC)

“Our youth now love luxury. They have bad manners, contempt for authority; they show disrespect for their elders and love chatter in place of exercise; they no longer rise when elders enter the room; they contradict their parents, chatter before company; gobble up their food and tyrannize their teachers.”

Socrates, (469–399 B.C.)



YOUNG ADULT BRAIN DEVELOPMENT

- Emotions vs. Executive Functions
- Reward circuitry highly active
- Coordination is still developing
- Ability to create mental imagery is still developing
- Melatonin production differs in young adults
- **Perception of Risk**

YOUNG ADULT-SPECIFIC VULNERABILITIES

- Workplace factors
- Individual/demographic factors
- Mental Health
- Drug & Alcohol

RISK-TAKING, BUT NOT WHAT YOU EXPECT...

- Engage more in unknown risks than they do in known risks
- Different style of information processing
- Social motivation is greater
- Fatigue can be a factor

Adolescents' greater involvement than adults in risk-taking does not stem from ignorance, irrationality, delusions of invulnerability, or faulty calculations (Reyna & Farley, 2006).





PWR MGT
MCT CLB
TO CRZ

PEC1 PEC2

SGL SGL
CN CN

FAULT OFF **FAULT OFF**

401 VU



ENG 1 ENG 2
EEC1 ATPCS EEC2

LO UP **FAULT OFF** **ARM OFF** **FAULT OFF** **LO UP**
PITCH TRIM **PITCH TRIM**

400 VU



ANTISKID
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TEST

OFF

BRK TEMP
HOT

RUDTLU
LO SPD

STICK
FAULT OFF

RIM/LOC SHAKER



LDG GEAR

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FLAPS
0° 15° 25° 35°

FLAPS ASVN
PITCH TRIM ASVN

MAX ΔP AT LDG
35 PSI

ALT
0 5 10 14

RATE
UP 1 2.5 5
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DIFF
0 1 2 3 4 5 6 8

401 VU

END 1 FIRE **END 2 FIRE**

LOG GEAR HOT DOWN **EXCESS CAB ΔP** **EXCESS CAB ALT**

ENG 1 OIL **PITCH DISCONNECT** **ENG 2 OIL** **NAC 2 OVHT**

ELEC SMK **FWD SMK** **AFT SMK**

CONFIG **PROP BRK** **FLAPS UNLK**

MFC **HYD** **LOOP**

DOORS **ANTI ICING** **OXY**

FUEL **ELEC** **AIR**

AUDIO **ENG** **FLT CTL**

IDLE GATE **WHEELS** **EFIS COMP**

PRKG BRK **GPWS FAULT** **MAINT PNL**

RCL CLR TO INHI

405 VU

ICE DETECT

ICING AOA **FAULT ICING**

PTT

405 VU

FUEL QTY
LTK:2250 kg R.TK:2250

8888 8888

AUTO PRESS
LANDING ELEVATION ELV SET +

18800 ft

DUMP TEST DESCENT RATE

ON **FAST**

NORM

NO SMK **DE ICING**

SEAT BELTS **PROP BRK**

CAB PRESS
DITCH

MODE SEL

INCREASE **CAB ALT**



brain
ON
AUTO
PILOT

SO WHAT CAN EMPLOYERS DO?

Include “gist-based” reasoning when teaching new skills

Autonomy (or perceived control) over work tasks

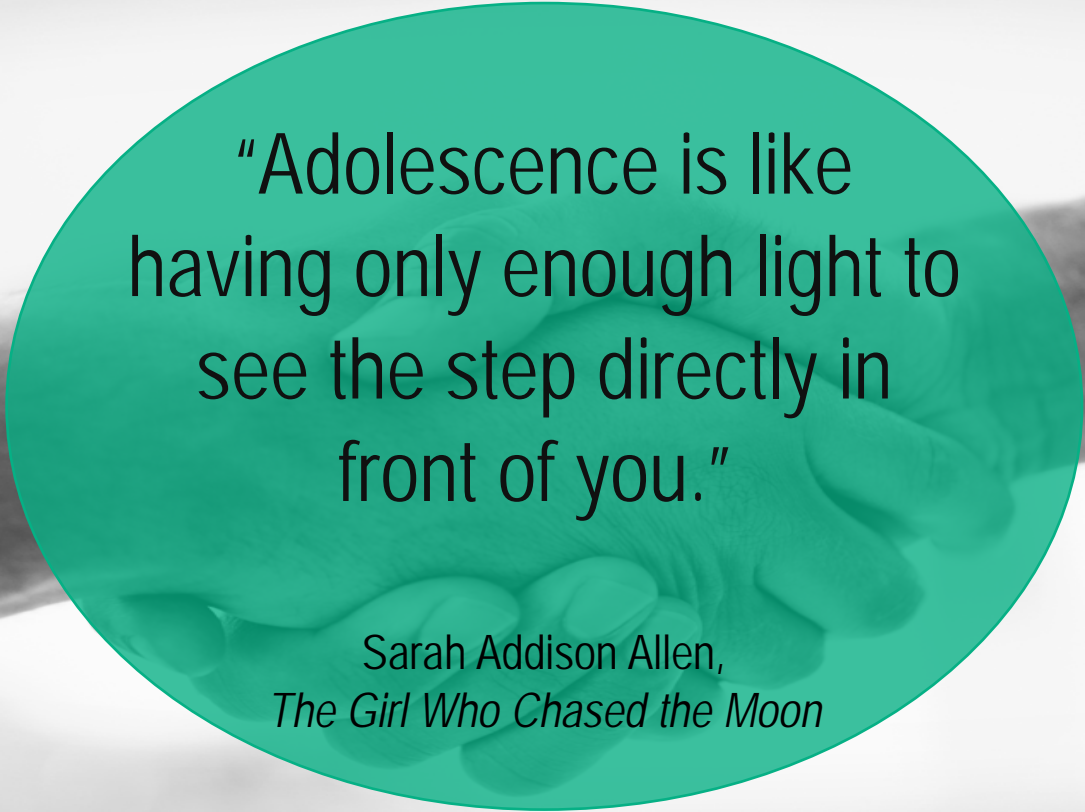
Promotion of social interactions for safety

Adequate supervision for young workers undertaking tasks involving complex decision making

Consideration of individual differences and circumstances

Promote safety attitudes and build trust with young workers





“Adolescence is like
having only enough light to
see the step directly in
front of you.”

Sarah Addison Allen,
The Girl Who Chased the Moon