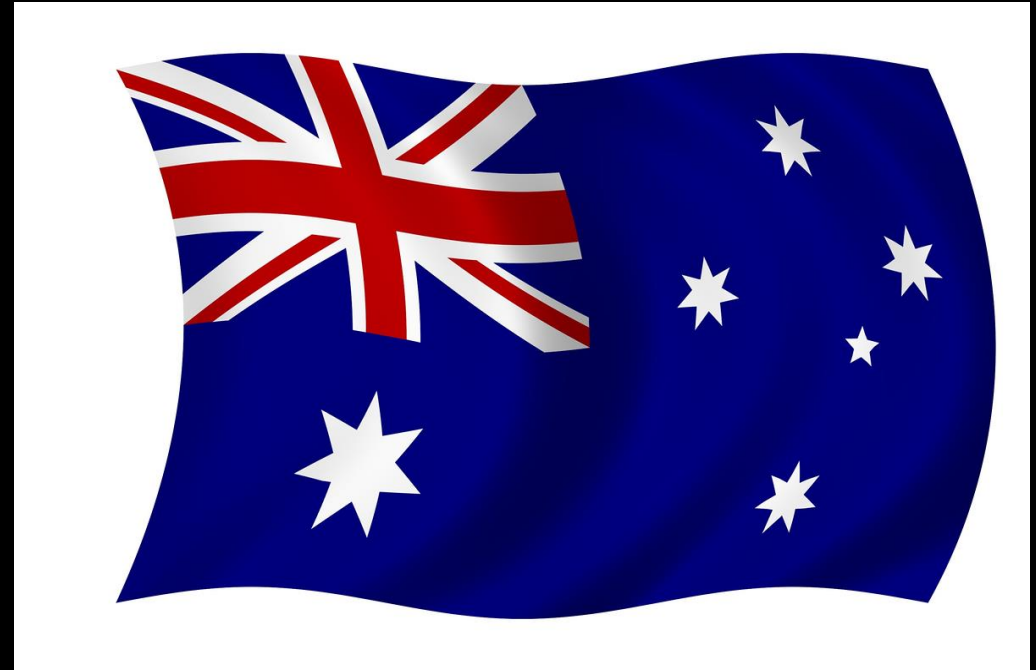
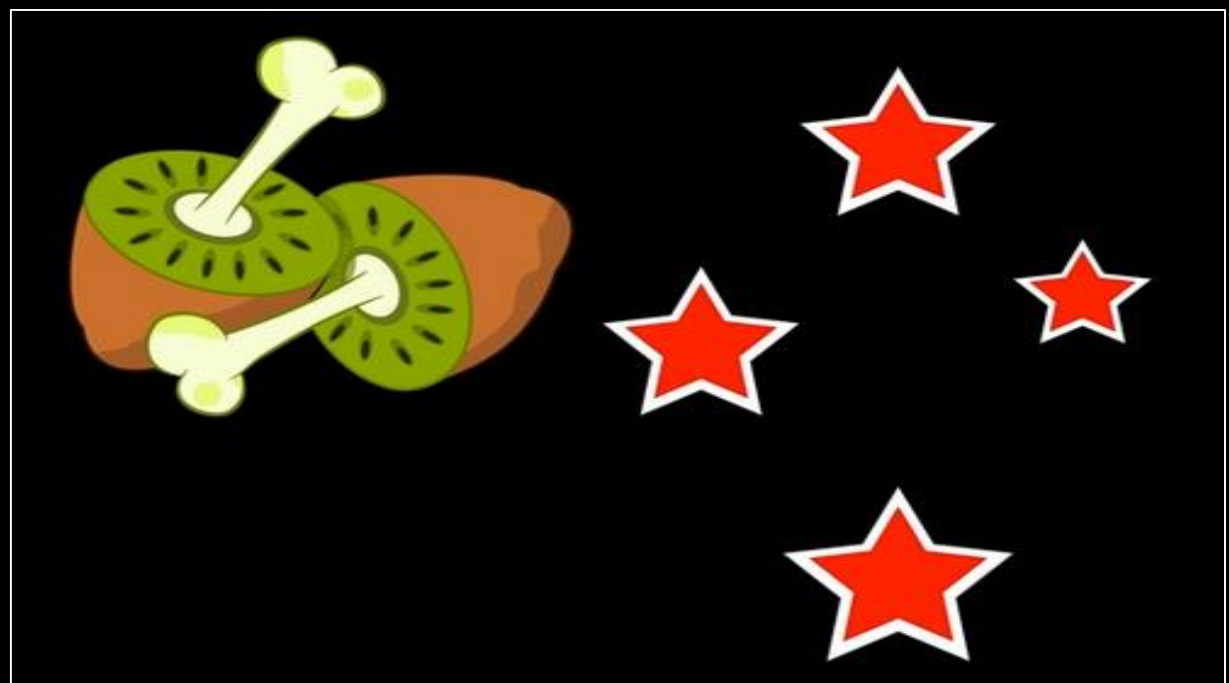
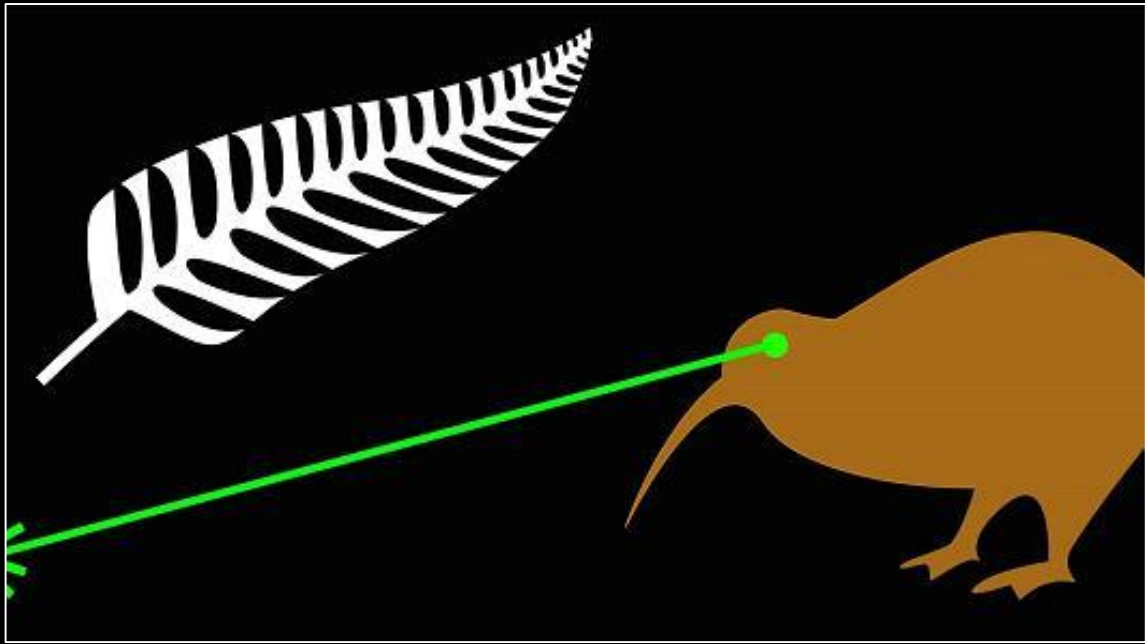


The State of Play Down-Under

David Waters | Chief Executive | Council of Ambulance
Authorities & Ambulance New Zealand



Traditional, yes – but have we moved on?
Does the flag reflect a modern NZ?
Lets ask the NZ Public



New Zealand flag

Five designs on the shortlist for a new flag



What is the state of play Down-Under?



RUGBY WORLD CUP 2015
CHAMPIONS









Introduction

- The Council of Ambulance Authorities (CAA)



- Ambulance New Zealand (AmbNZ)



- Comparable in function to Association of Ambulance Chief Executives (AACE) and Paramedic Chiefs of Canada (PCC)

Context

Australasia :

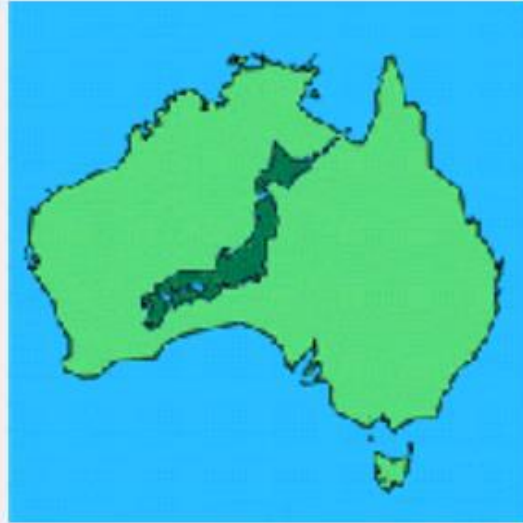
- Population = 29 Million
- Emergency Ambulance Services = 10
- Paramedics = 15 Thousand
- Volunteers = 12 Thousand



Australia/Europe



Australia/Japan



Australia/British Isles



Australia/United States

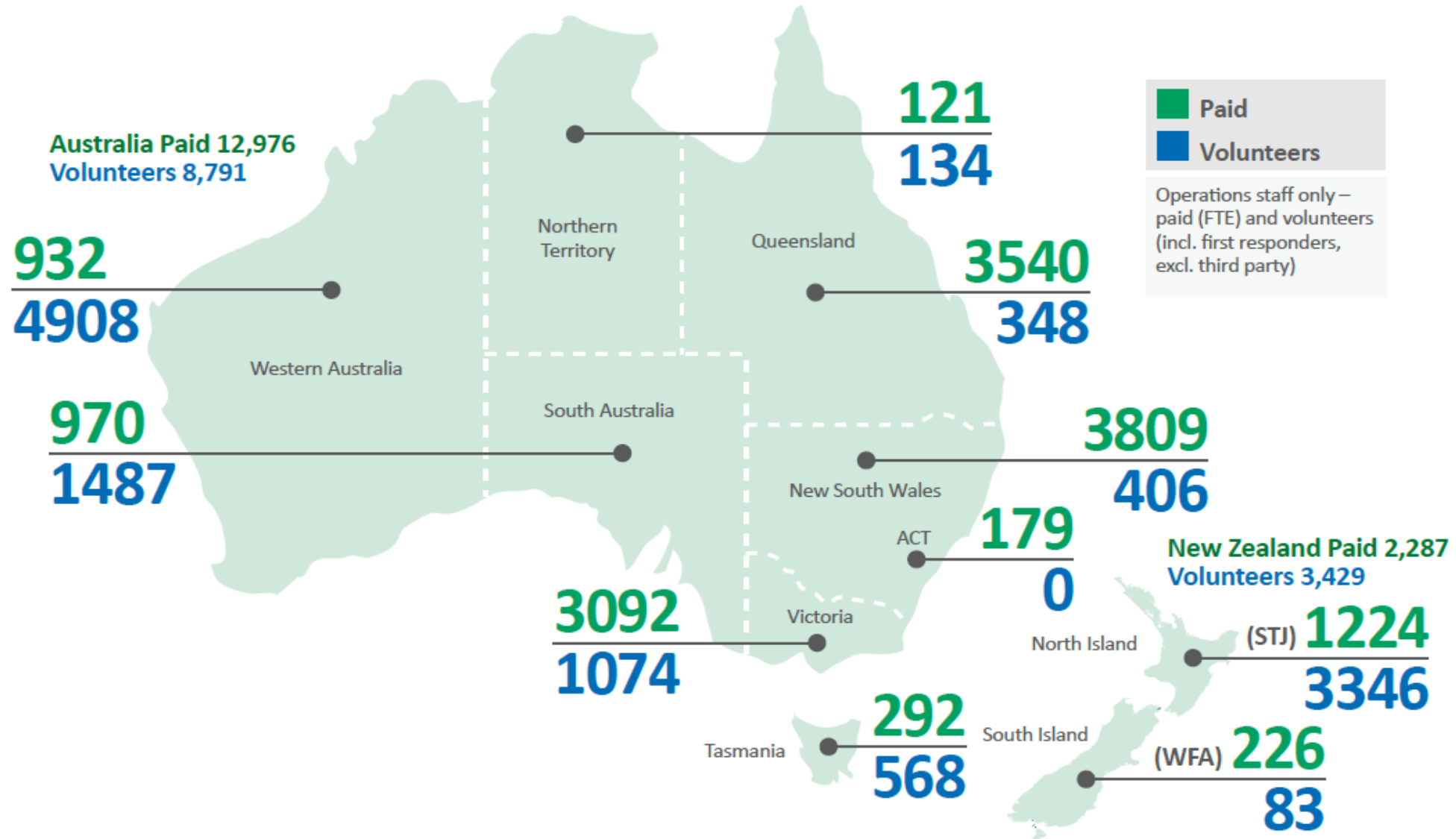


Country	Area in km ²	Arable Land *	Population **	# of People per km ²
1. Russia	17,075,200	7.17 %	141,377,752	8.28
2. Canada	9,984,670	4.57 %	33,390,141	3.34
3. USA	9,629,091	18.01 %	301,139,947	31.27
4. China	9,596,960	14.86 %	1,321,851,888	137.74
5. Brazil	8,511,965	6.93 %	190,010,647	22.32
6. Australia	7,686,850	6.15 %	20,434,176	2.66
A selection of other countries to compare				
India	3,287,590	48.83 %	1,129,866,154	343.68
Mexico	1,972,550	12.66 %	108,700,891	55.11
Egypt	1,001,450	2.92 %	80,335,036	80.22
France	547,030	33.46 %	64,057,790	117.10
Spain	504,782	27.18 %	40,448,191	80.13
Japan	377,835	11.64 %	127,433,494	337.28
Germany	357,021	33.13 %	82,400,996	230.80
Italy	301,230	26.41 %	58,147,733	190.03
New Zealand	268,680	5.54 %	4,115,771	15.32
United Kingdom	244,820	23.23 %	60,776,238	248.25

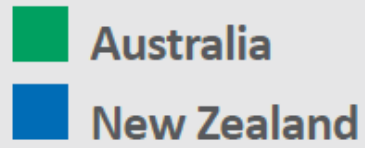
* Arable land is land cultivated for crops replanted after each harvest like wheat, corn, and rice.

** Estimated for 2007

Operational staff and volunteers in Australia and New Zealand



Meeting patients' needs (2014-15)



Attended patients

3,200,917

514,647



Patients each day

8,770

1,410



Patients an hour

365

59



Patients every minute

6

1

What are the key priorities for the CAA and Ambulance NZ as the peak body representing ambulance services across Australasia?

Top Priorities for The CAA

1 - Improving Out of Hospital Cardiac Arrest Survival Rates

- Commitment from all 10 CEOs
- Member of the Global Resuscitation Alliance (GRA Australasia)
- Adopting the GRA 10 Steps
- Benchmark survey against 10 steps
- Key clinical influencers from the 10 CAA member services to attend RA in settle during 2017
- Get all 10 services using the Utstein template
- Run first RA in Australia in August 2017
- GRA Masterclass annually

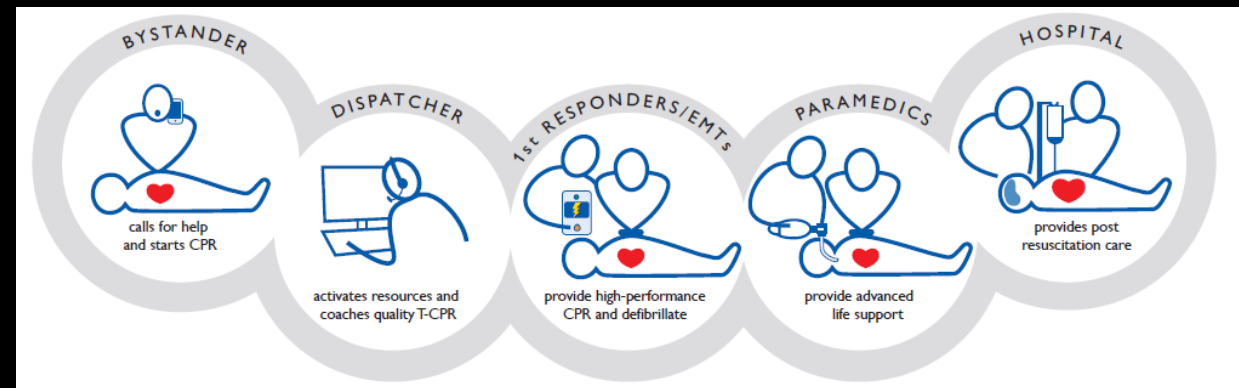




Table 1: Outcomes for adults. Benchmarking all-cause events (resuscitation attempted).

Ambulance Service	Data collection Period	Total events (resuscitation attempted)	Median response time (minutes)	Survived event (ROSC sustained to hospital handover)	Survived to hospital discharge
St John	1 July 2015 to 30 June 2016	1,983	7 (urban) 11 (rural and remote)	29%	16%
Wellington Free Ambulance ⁸	1 July 2015 to 30 June 2016	226	8 (urban) 13 (rural and remote)	37%	14%
Ambulance Victoria ⁹	1 July 2014 to 30 June 2015	5,573	8 (urban) 10 (rural and remote)	30%	10%
London Ambulance Service ⁷	1 April 2014 to 31 March 2015	4,665	8 (urban) N/A (rural and remote)	31%	9%
St John Ambulance Western Australia ¹¹	1 July 2015 to 30 June 2016	1,020	8 (urban) N/A (rural and remote)	24%	11%
King County EMS ¹⁰	1 July 2014 to 30 June 2015	905	6 (urban) 8 (rural)**	48%	19%

Table 2: Benchmarking survival to hospital discharge rates in adults where the arrest is bystander witnessed, has a shockable presenting rhythm and is of presumed cardiac aetiology (resuscitation attempted)*.

Ambulance Service	Data collection Period	Survived to hospital discharge
St John	1 July 2015 to 30 June 2016	35%
Wellington Free Ambulance ⁸	1 July 2015 to 30 June 2016	31%
Ambulance Victoria ⁹	1 July 2014 to 30 June 2015	32%
London Ambulance Service ⁷	1 April 2014 to 31 March 2015	32%
St John Ambulance Western Australia ¹¹	1 July 2015 to 30 June 2016	38%
King County EMS ¹⁰	1 July 2014 to 30 June 2015	48%



5 people a day

(approx) are treated for an out-of-hospital cardiac arrest in New Zealand (nearly 2000 per year)

32% female, 68% male



60%

of patients had bystander CPR performed



The median time in which a St John ambulance reaches a patient is **7 minutes** in urban communities and **11 minutes** in rural and remote communities



6%

of patients that had a cardiac arrest in public were defibrillated with a public access defibrillator



70%

of events were co-responded to and attended by the New Zealand Fire Service



29%

of patients survived the event (had a pulse on arrival at hospital)



16% of patients survived to hospital discharge

Response to all-cause, out-of-hospital cardiac arrest in adults where a resuscitation attempt was made by the responding EAS

Top Priorities for The CAA

2 - Improving the mental health resilience of the workforce

- Commitment from all 10 CEOs to reduce the mental health impact
- CAA Strategic Position Statement
- Development of the Mental Health and Wellbeing Working Group
- National Mental Health and Wellbeing Study of Emergency Services
- Annual Mental Health Summit in conjunction with Paramedic Association and College
- Improve mental health literacy of workforce by working with Paramedic degree providers
- Support and encourage research in this area
- Collaborate internationally

The strategy is – To pro-actively provide and strengthen effective leadership across CAA member ambulance services to significantly reduce the likelihood of psychological harm to staff due to workplace factors.

The 10 steps below provide a high-level framework to underpin the strategy:

1. **Promote** a positive mental health culture in the workplace through leadership, communication, policy and procedure, environment and work/job design
2. **Reduce** stigma around mental health conditions and psychological stress in the workplace
3. **Improve** the mental health literacy of the workforce
4. **Develop** the capability of staff to interact with and help someone experiencing a mental health crisis, from identification through to return to work
5. **Ensure** that an integrated approach to mental health and wellbeing is woven through the workplace and that leadership at all levels model behaviours and practices that promote a mentally healthy workplace culture
6. **Share** examples of best-practice and effective initiatives between services e.g. the beyondblue guide for first responders
7. **Collaborate** to ensure staff, during each phase of their career have adequate self-awareness, knowledge and support in relation to managing their personal mental health and psychological stressors
8. **Implement** systems that provide the service with early notification of potential psychological harm related risk
9. **Collect, monitor and respond** to data that evaluates the mental health and wellbeing of the workforce and the possibility of psychological harm occurring
10. **Seek** internal/external specialist expertise when necessary to achieve improved mental health and wellbeing outcomes for the workforce.

Top Priorities for The CAA

3 – Highlighting the issue of Violence against Paramedics

- Commitment from all 10 CEOs to reduce the mental health impact
- Collaborate internationally
- CAA Strategic Position Statement
- Incident rates vary significantly between services – trying to better understand reasons
- Looking to develop a Working Group
- sharing resources and media campaigns

Victorian paramedics under rising threat of attack from violent patients

February 18, 2015 12:38am

Brigid O'ConnellHerald Sun



Ambulance Victoria figures show 314 paramedics were threatened or assaulted in 2013-14. PARAMEDICS are being chased with knives, bitten and bashed in ambulances, with more than 300 attacked or threatened each year.

Each month 10 more paramedics are being assaulted or threatened compared with four years ago, prompting calls for greater police back-up and more details about the situation they are to attend.

The *Herald Sun* fought Ambulance Victoria in court for access to documents via Freedom of Information over paramedic injuries.

Assaults against South Australian ambulance workers triple in four years

Posted 20 Dec 2015, 9:22pm

The number of assaults against ambulance officers have risen due to paramedics deciding to report attacks which had become "commonplace" in South Australia, a union says.

SA Health figures show that assaults against ambulance workers have tripled in the past four years with 164 incidents reported last year.

Ambulance Employees Association general secretary Phil Palmer said paramedics were reporting more assaults, partly because they had become more concerned about their own safety.

The State Government and the Ambulance Service have been running a campaign to discourage assault and verbal abuse of paramedics.

Mr Palmer said until recently the courts had let offenders off lightly.

Recently, a man was sentenced to jail for assaulting an ambulance officer.

"Assaults had become so commonplace that sometimes ambos just weren't reporting it," he said.

"They just thought nothing was going to happen, it was part of the job, so I suspect that the higher numbers are in part at least because people are now reporting what before they didn't."



PHOTO: More assaults against ambulance workers have been reported in the past year. (ABC News)

RELATED STORY: [Rising violence towards paramedics prompts SA work safety campaign](#)

RELATED STORY: [Violence against ambulance paramedics falls after social media campaign](#)

MAP: [Adelaide 5000](#)

Council of Ambulance Authorities

Occupational Violence in the Workplace - Position Statement

Position Statement

Every day more than 14,000 paramedics in Australia and New Zealand are on call to save people's lives. Every day they risk an unprovoked attack. Every year hundreds of those who strive to rescue, revive, or transport injured and sick people, our call takers and dispatchers, are the victims of some form of violence. With each injury, or blow to their mental health, there is one less service member available to do his or her job.

Zero Tolerance

The Council of Ambulance Authorities (CAA) has adopted a zero tolerance position on physical and verbal attacks on all health care workers, including paramedics.

Illness, illicit drug abuse, drunkenness, and extreme emotional trauma cannot, and must not excuse unprovoked attacks on people doing their job.

CAA member services' initiatives highlight the threats, trauma, violence and the ultimate impact on paramedic services. Each story, each example another reason to support zero tolerance.

Penalties

Penalties for those convicted of assaulting paramedics should be seen to reflect paramedics' and the community's zero tolerance for this abhorrent behaviour.

The critical work undertaken by paramedics, their social service and sense of social justice must not be undermined by inadequate penalties for those who seek to thwart their efforts or worse, inflict pain and suffering.

The CAA supports proportional penalties that reflect the serious nature of these offences, and also serve as a deterrent.

Our members will be vigilant in pursuing appropriate penalties through the criminal justice system.

Community education

CAA member service campaigns provide compelling tools for public education on the incidence and impact of assaults.

Extensive dissemination of this information in conjunction with a broad program to educate the community will help to instil a culture of zero tolerance, and support for paramedics to do their job without the threat of violence or injury.

Safe workplace

Education and training for paramedics to enable them to properly assess potentially violent situations and de-escalate any threat will assist in the creation of a safer workplace.

Empowering paramedics to stay safe with the skills to assess risks and identify flashpoints to diffuse and manage potentially violent situations, redirect inappropriate behaviour and calm volatile individuals or groups, will foster a safer environment for all.

Workforce Development

Education - undergrad

- CAA Accredits all Degree programmes – CAA member services only employ from this pool (excluding overseas)
- All new paramedics require a degree in Paramedic Practice – 3-4 year undergraduate programme.
- Entry to degrees getting harder as demand increases
- Providing high quality clinical placements a challenge at the volumes required
- Role of simulation in education topical
- Paramedic students predominantly female now approx. 70%
- High pass rates but only about 1000 vacancies per year so getting a position difficult
- Most service offering a internship or graduate year for new grads
- CAA can influence curriculum and quality

Programs with Full Accreditation:

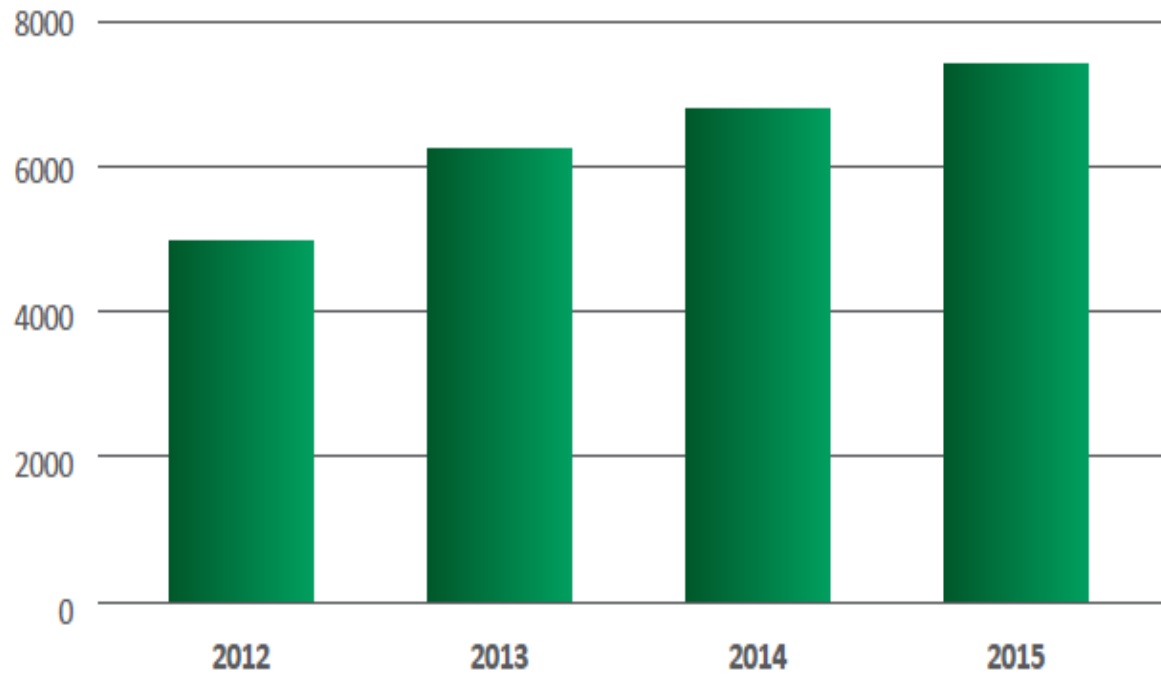
Auckland University of Technology NZ - Bachelor of Health Science (Paramedicine)
Charles Sturt University NSW - Bachelor of Clinical Practice (Paramedic)
Edith Cowan University WA - Bachelor of Science (Paramedical Science)
Federation University VIC – Graduate Diploma of Paramedicine
Flinders University SA - Bachelor of Science (Paramedic)
Monash University VIC - Bachelor of Emergency Health(Paramedic)
Australian Catholic University – Bachelor of Nursing/Bachelor of Paramedicine
Australian Catholic University - Bachelor of Paramedicine
Queensland University of Technology - Bachelor of Paramedic Science
University of Sunshine Coast - Bachelor of Paramedic Science
Queensland University of Technology - Bachelor of Paramedic Science Graduate Entry
Queensland University of Technology – Bachelor of Nursing/Bachelor of Paramedic Science
Victoria University - Bachelor of Health Science (Paramedic)
Central Queensland University - Bachelor of Paramedic Science

Paramedic programs with Provisional Accreditation:

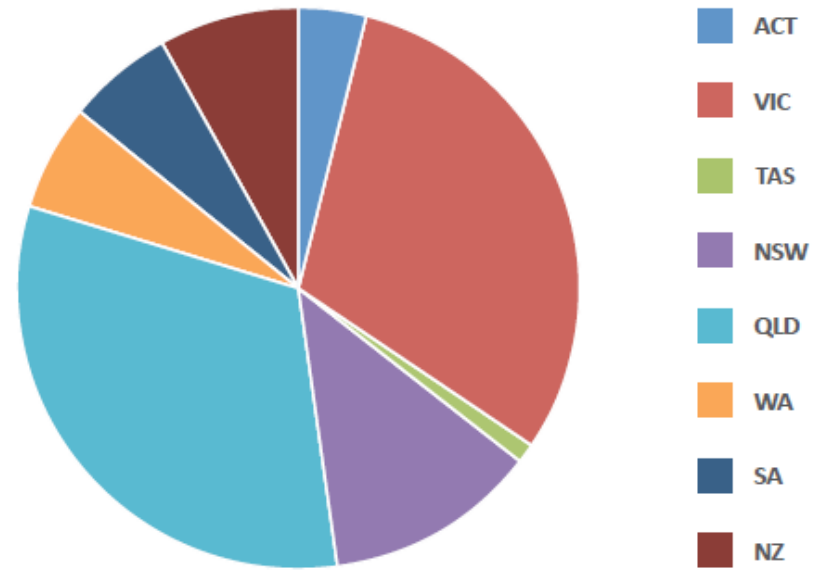
Western Sydney University – Bachelor of Health Sciences (Paramedicine)
Charles Sturt University NSW - Graduate Diploma Clinical Practice (Paramedic)
LaTrobe University VIC – Bachelor of Paramedic Practice/Bachelor of Public Health Promotion
University of Tasmania - Bachelor of Paramedic Practice
Curtin University WA – Bachelor of Science (Health Sciences)
Whitireia New Zealand - Bachelor of Health Science (Paramedic)
University of Southern Queensland - Bachelor of Paramedicine

Paramedic programs with Preliminary Accreditation Approval:

Griffith University - Bachelor of Paramedicine



Student Enrolment Australia and New Zealand



2015 Enrolments for Australian states/territories & New Zealand

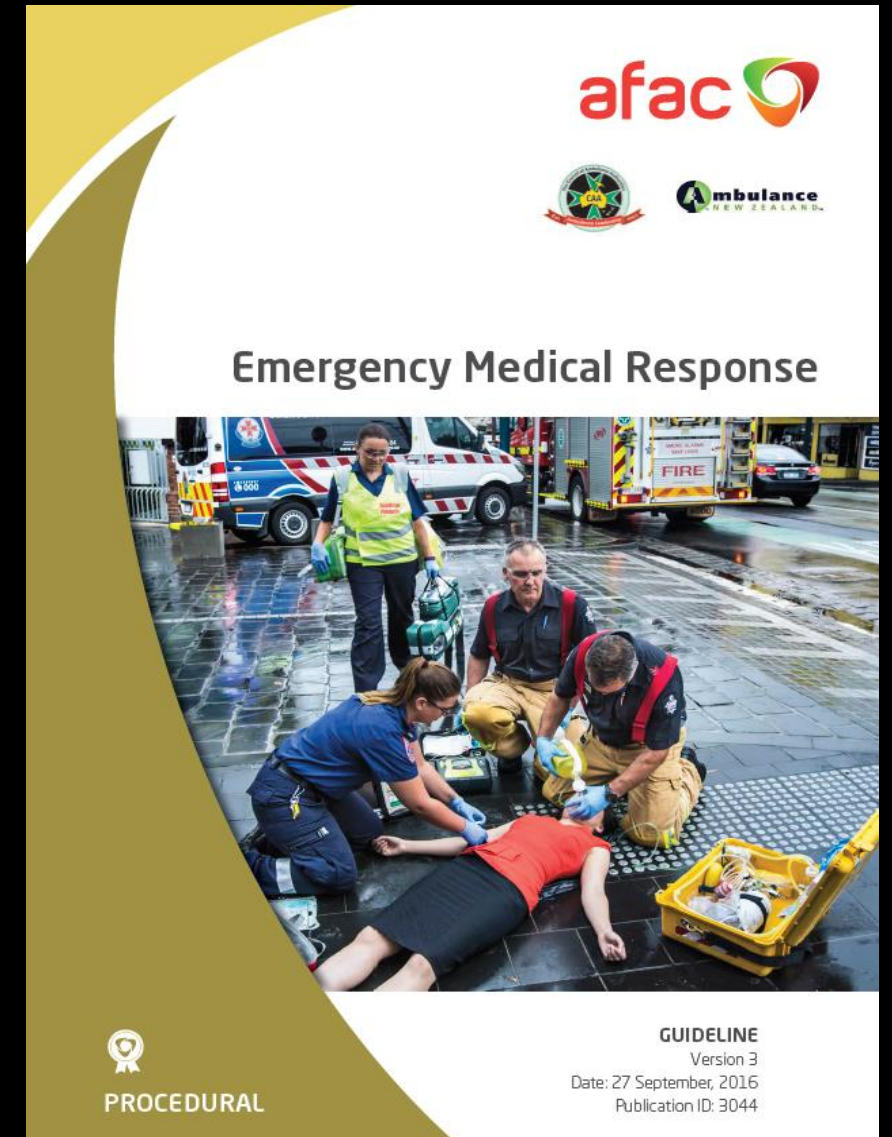
Workforce Developments

Education – Post-grad

- All new Advanced care/Intensive care paramedics will require a Post-Grad qualification.
- Looking to formalise career pathways for clinical, management, education and research
- Need to develop middle management a lot more
- Females under represented in higher management levels but changing
- Need to encourage more academic practitioners and PhDs to provide for future education and research leadership
- Academic institutions and ambulance services collaborating more
- Academics are having a difficult time maintaining their clinical currency.

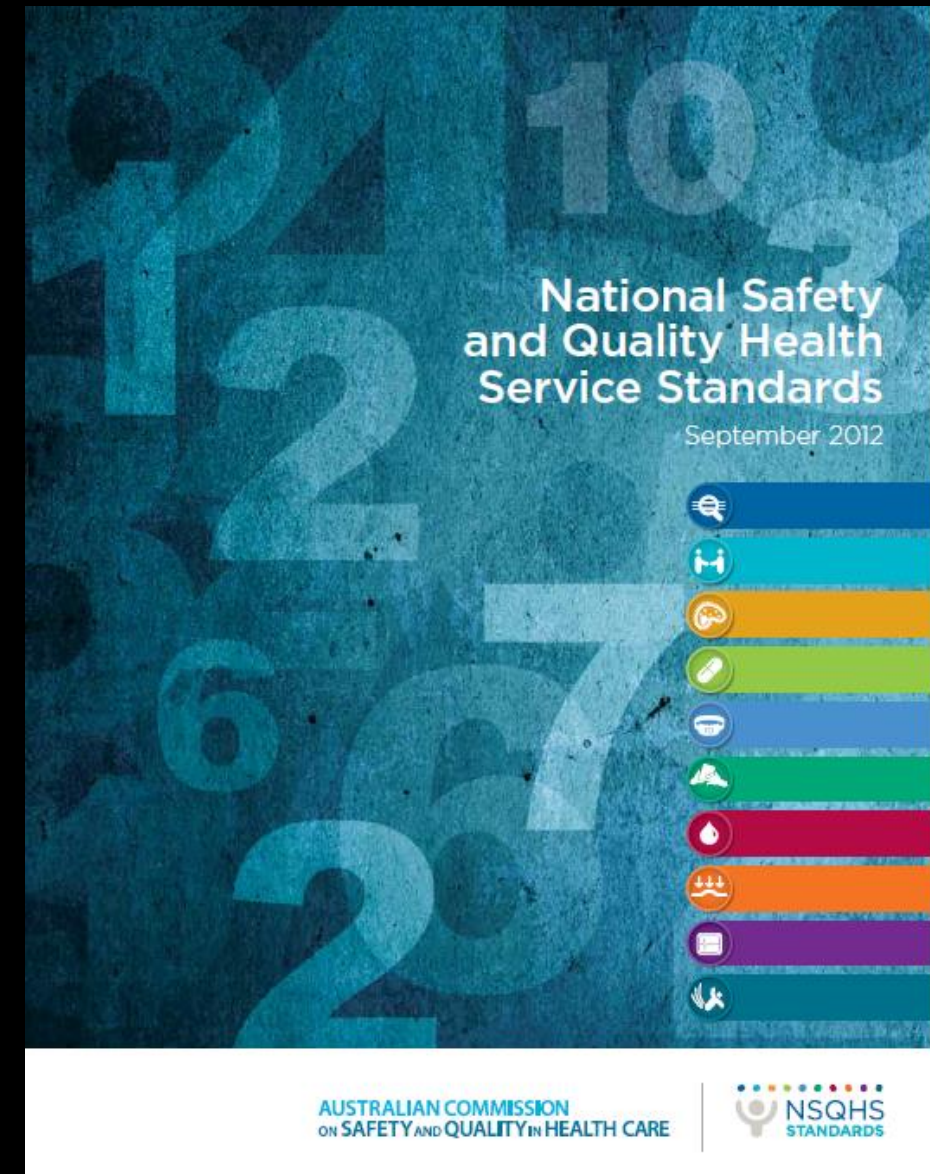
Collaborating with other emergency services

- CAA has key role in facilitating collaboration opportunities
- Working with emergency service partners to agree national and standardised approaches where beneficial
- New Emergency Medical Response Guideline co-authored by CAA and AFAC and adopted by all fire and ambulance services in Australia and NZ – first of the block but many more opportunities



New National Standards

-  Standard 1 - **Governance for Safety and Quality in Health Service Organisations**
-  Standard 2 - **Partnering with Consumers**
-  Standard 3 - **Preventing and Controlling Healthcare Associated Infections**
-  Standard 4 - **Medication Safety**
-  Standard 5 - **Patient Identification and Procedure Matching**
-  Standard 6 - **Clinical Handover**
-  Standard 7 - **Blood and Blood Products**
-  Standard 8 - **Preventing and Managing Pressure Injuries**
-  Standard 9 - **Recognising and Responding to Clinical Deterioration in Acute Health Care**
-  Standard 10 - **Preventing Falls and Harm from Falls**



Paramedic Registration

- Expected in Australia and NZ in 2018
- Stand alone Paramedic Board in Australia
- Still working out potential governance arrangements in NZ but partnership with Nursing Board likely for some aspects
- Looking for alignment with UK professional Practice Standards to assist movement of paramedics

Why are we doing this?

- -protection of the public
- -increased accountability for individual professional practice
- -maturing of the profession
- -wider roles in healthcare once recognised as a health professional by health peers
- -it the right thing to do

Public should be 'very cautious' of Christchurch street hospital - St John

SAM SHERWOOD

Last updated 09:19, October 21 2016



MARTIN DE RUYTER / FAIRFAX NZ

Shane Casbolt pictured in 2013 after starting an animal rescue in Nelson.

A former Nelson stripper who prompted a St John warning about "undesirables" entering the ambulance industry is starting a free street hospital in Christchurch.

Shane Casbolt, 25, launched the Lifecare Event Ambulance Service in December, offering patient transport and trained medics for events.

Casbolt's colourful work history includes volunteer firefighter, surf lifesaver, first aider and "ghost buster". Casbolt ran Dominate Christchurch Male Strippers, but closed the business after it got "too busy" and he did not have enough staff. He claims to have more than 10 years of emergency services experience.

He now has set his sights on running a street hospital. Casbolt told *Stuff* the project would start on Friday from 9pm until 3am, with their first night on the streets to be filmed. The street hospital will be available every Friday and Saturday night through summer.

READ MORE: [Former Christchurch stripper starts up ambulance service](#)

Two teams, of two to three people, would patrol the CBD. A detox area would be set up with a gazebo and some stretchers.

Paramedic who boasted on Facebook that he 'saved someone's life and managed to cop a feel of some cracking jubbies' is found guilty of misconduct

- Mark Small posted comment at the end of night shift and deleted it next morning after flatmate complained
- Manager told inquiry paramedic said there was 'flirtatious atmosphere' at the scene
- Paramedic refused to accept his comment was misconduct
- Panel has adjourned to consider sanctions against Mr Small

By **DAILY MAIL REPORTER**

PUBLISHED: 12:28, 27 April 2012 | **UPDATED:** 20:51, 27 April 2012



125

View comments

A paramedic who boasted on Facebook that he groped a patient's breasts was found guilty of misconduct yesterday.

Following an emergency call-out to a young woman, Mark Small posted: 'Saved someone's life and managed to cop a feel of some cracking jubbies.'

He then described his shift as 'excellent'.

The remarks were left after Small finished a night shift for the Great Western Ambulance Service.

They were removed from the site the following morning after his housemate told him they were inappropriate.

But someone saw them and complained to the service.

Small was immediately suspended from his job following the incident, but returned to his duties after an investigation found he had not touched the patient inappropriately.



Emergency Management

- Major events far more common – case of ‘when - not if’
- Changing focus on both natural disasters and counter terrorism
- Used to be considered as BAU (we do MCI’s all the time☺) but changing view based on size and frequency
- Realisation that staff may be in the middle of a CT event before they even know it within the new complex threat environment
- Need greater collaboration with other emergency services and joint plans that will work
- Acts by individuals are unpredictable and are increasing
- --27 hurt after man sets himself on fire in Melbourne bank branch
- --Three people have died and at least 20 injured, after an erratic driver deliberately drove on the footpath into pedestrians on Bourke Street in Melbourne city
- --Heavily armed Australian police stormed a Sydney cafe early on Tuesday morning and freed a number of hostages being held there at gunpoint, in a dramatic end to a 16-hour siege in which three people including the attacker were killed.

Quake Statistics

Sparkline showing daily earthquake numbers over the past year in the New Zealand region.



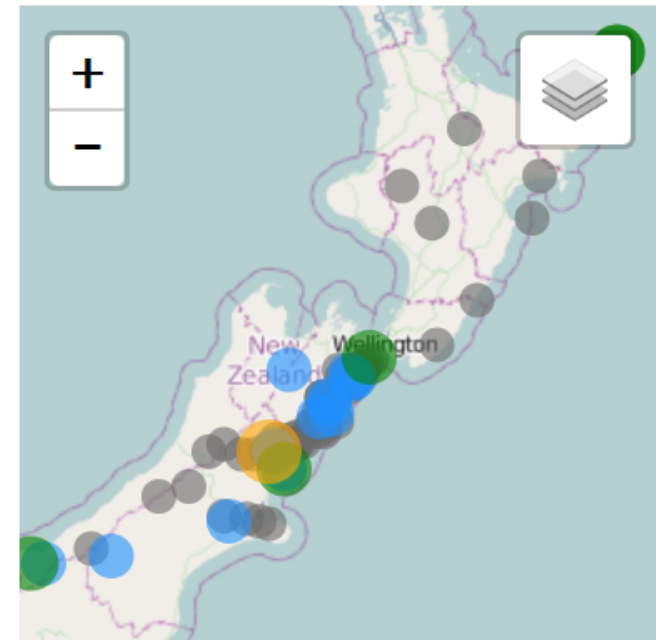
Table summarising earthquake numbers over the past week, month and year.

Magnitude	Last week	Last month	Last year
< 2	226	862	11126
2 - 3	393	1799	17641
3 - 4	40	221	4454
4 - 5	9	28	1074
5 - 6	2	6	138
>= 6	0	0	10
Total	670	2916	34443

Quake Map

Interactive map showing recent earthquakes in the New Zealand region over the past year. Select **minimum intensity** and **maximum number of quakes** to show, select quake layer (s) using the Layer Control on the map.

weak  100  Show



[View Larger Map](#)

[Copyright.](#)

Four people are dead and at least 20 people have been injured after a car hit pedestrians in Australia's second-largest city of Melbourne.

Police said the car was deliberately driven into city centre crowds just before 2pm on Friday, local time.

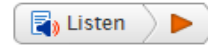
Footage from a witness showed a maroon car driving in circles in an intersection outside Flinders Street railway station with the driver hanging his arm out the window.

The man then drove up the pedestrian section of Bourke Street mall, deliberately hitting people, police said.



Thunderstorm Asthma Strikes Thousands

By Peter Russell



Nov. 28, 2016 – Six people died in the Australian city of Melbourne after a mass outbreak of “thunderstorm [asthma](#),” according to media reports.

Emergency services were overwhelmed by 1,900 calls in the space of a few hours after the storm struck last Monday.

About 8,500 people were treated in hospitals. About a third of them never had [asthma](#) before, reports say.

Thunderstorm-aggravated [asthma](#) is caused by the effect a storm has on [pollen](#), according to the Australasian Society of Clinical Immunology and Allergy.

Humid, thundery weather draws [pollen](#) into the atmosphere, turning it into smaller particles.

When these smaller particles are breathed in, they are drawn deeper into the [lungs](#), causing a greater degree of irritation and [inflammation](#).

Why were so many people affected in Australia? It’s spring there, and springtime comes with high levels of pollen.

In Melbourne, levels of rye pollen were reported to be more than double the normal amount for this time of year, media reports say.

The Future – what we don't know

- Yet to fully understand the impact of President Trump's immigration policy on Australasian paramedic students seeking clinical practice placements in the US
- Will Brexit have an impact?



The Future – what we do know

The sun will come up tomorrow and we will make another rescue helicopter reality show

The screenshot shows a promotional page for the TVNZ OnDemand series 'Rescue 1'. At the top, three crew members in red flight suits stand in front of a yellow and red rescue helicopter. The page includes a title 'RESCUE 1', a 'Watch on TVNZ OnDemand' button, and options to 'WATCH LATEST EPISODE' and 'ADD TO FAVOURITES'. A description reads: 'Follow the untung heroes of the skies as the Rescue Helicopter team race to save lives.' Below this are social media icons for Facebook and Twitter. The 'EPISODES' section features a grid of episode thumbnails, with the first one highlighted as 'Rescue 1 Series 4, Episode 1'. The 'CODE 1 EPISODES' section shows a grid of thumbnails for the first six episodes of the 'Code 1' series.

RESCUE 1

Watch on TVNZ OnDemand 2

[WATCH LATEST EPISODE](#) [ADD TO FAVOURITES](#)

Follow the untung heroes of the skies as the Rescue Helicopter team race to save lives.

[f](#) [t](#)

EPISODES

- Rescue 1 Series 4, Episode 10
- Rescue 1 Series 4, Episode 9
- Rescue 1 Series 4, Episode 8
- Rescue 1 Series 4, Episode 7
- Rescue 1 Series 4, Episode 6
- Rescue 1 Series 4, Episode 5
- Rescue 1 Series 4, Episode 4
- Rescue 1 Series 4, Episode 3
- Rescue 1 Series 4, Episode 2
- Rescue 1 Series 4, Episode 1

CODE 1 EPISODES

- Code: 1 Series 1, Episode 6
- Code: 1 Series 1, Episode 5
- Code: 1 Series 1, Episode 4
- Code: 1 Series 1, Episode 3
- Code: 1 Series 1, Episode 2
- Code: 1 Series 1, Episode 1

Thank You