



ANNUAL REPORT 2014-2015



NEW ZEALAND
SEARCH
AND RESCUE
COUNCIL



CHAIR'S REPORT

FROM THE COUNCIL



Martin Matthews

Search and rescue is a collective endeavour. Our extended family includes well over twenty organisations, hundreds of units, groups and clubs, and thousands of people all across New Zealand. Given this diversity of people and organisations, the system works well with many hundreds of people having their lives saved and being rescued or assisted each year, efficiently and safely, at no cost to themselves and normally without too much of a fuss. A shared set of values and an agreed, tangible purpose that all SAR people and organisations buy into is part of the 'glue' that holds the sector together and enables us to deliver outstanding results year after year. This sits alongside another factor in the sector's success – strong and responsive leadership, both within SAR sector organisations and at the strategic level.

The New Zealand Search and Rescue Council, together with the NZSAR Consultative Committee and supported by the NZSAR Secretariat, has a role in guiding and leading the sector, and we are making considerable progress. One of the Council's significant responsibilities is to ensure we understand and adapt to our ever-changing environment so that we continue to remain relevant and effective. The Council also ensures we all have opportunities to grow and strengthen our linkages with partners in New Zealand, as well as with SAR people and organisations internationally. To check that we are on track the Council took a long, hard look at itself, and the sector more generally, via the 2015 Review of Search and Rescue Governance Arrangements.

This review, conducted by John Hamilton, CNZM, MVO, the recently retired Director of the Ministry of Civil Defence & Emergency Management, looked at 'the arrangements that the

Government has in place to meet its search and rescue obligations with a view to ensuring the sector remains fit for purpose, aligned to its environment and optimised to face 'future issues'. After extensive consultation, John came back to the Council with a strong endorsement for the current set up, along with a number of recommendations to further improve our governance arrangements.

The full review can be found on our website (www.nzsar.org.nz), but it's worth noting a few of his findings:

- The current (SAR) arrangements provide a highly cost-effective capability that meets both international obligations and the obligation to the public, but they carry some risks and are likely to face challenges in the future.
- The operational arrangements that provide for two SAR co-coordinating authorities are an effective and pragmatic structure. At the local level this provides for a swift and coordinated response, drawing on local capabilities and local knowledge, but with an ability to escalate the operation to those with greater capabilities if required.
- The SAR Council's leadership and influence in the SAR sector is critical to the integration and effectiveness of a diverse group of supporters, many of which are voluntary organisations.
- It will be a challenge to maintain (the SAR sector's) service and reputation into the future as the sector manages challenges in funding, volunteer staffing, technologies and expectations.

To address these issues the Council has agreed to a work plan of actions that include a number of initiatives to broaden the relationships and knowledge of the relevant Government sectors. The Council and I are very proud to be involved in this sector and I trust you will enjoy reading more about it and our work in this report.

MANAGER'S REPORT

FROM THE SECRETARIAT



Duncan Ferner

One of New Zealand Search and Rescue's goals is 'a robust and integrated SAR system'. Within that goal are the concepts of a cross-sector culture of 'one SAR body' and a sector that is constantly aiming to improve. The goal also states that we will develop a good understanding of ourselves, have strong relationships, utilise common SAR practices and procedures, and deliver effective SAR services safely. The National Search and Rescue Support Programme (NSSP), which forms the bulk of the NZSAR Secretariat's annual work programme, is one of the ways we help the Council realise this goal, alongside the other three goals.

The NSSP is devised in consultation with the sector and is approved (along with the corresponding budget) in advance by the NZSAR Council. There are a range of projects and initiatives linked to the goals, which have been planned to mitigate our identified risks. While this work is done on behalf of the SAR sector, in practice we are heavily indebted to many people within the sector who donate their time and advice for its wider benefit. In particular, I was very sorry to farewell Phil Burgess, our NSSP Coordinator, this year when he headed to a new role in Australia. Over the past 3½ years, Phil has made an immense contribution to search and rescue, and the sector is certainly better for his influence and passion. Rhett Emery has now taken up this position and will take it forward from Phil's excellent start.

Through the NSSP, the Council supported ten regular search and rescue exercises (SAREXs) during the year and three Rauora mass rescue desktop exercises in the Southern, Bay of Plenty, and Central Police Districts. Search and rescue exercises are of great benefit to the sector's overall preparedness. They serve to establish and reinforce relationships, clarify understanding, fine-tune processes and procedures, practise skills in a structured environment, and allow for considered evaluation of individuals and teams. While the Council has been supporting SAREXs for a number of years, the Rauora mass rescue exercise series commenced this year. The aim of Rauora is to evaluate each Police District's mass rescue plan, confirm that potential participants understand their roles and responsibilities, test that the various agency plans are synchronised, and ensure that there is

consistency across the country. The Rauora exercises are proving to be very popular; typically around 70 people from over 15 organisations attend each one.

Our SAR preventative activity continues on from previous years. The promotion of the three Safety Codes for Outdoor, Boating and Water activities, and of www.adventuresmart.org.nz, is mainly aimed at people participating in self-organised, non-commercial recreational activities. The intent is to provide and promote good quality, consistent safety information to the largest possible number of people in order to reduce the number of people injuring or killing themselves, or requiring search and rescue services while they are undertaking recreational activities. This is very much a collaborative effort across a number of organisations, many of whom are outside the standard search and rescue sector. The widespread support and enthusiasm for these initiatives has been rewarding to see and I believe that they will have a positive effect on public safety over the coming years.

We also made great progress by completing the establishment of a unified search and rescue data store. The NZSAR Data Store brings together all the operational search and rescue data from Police and RCCNZ, providing tools to enable the detailed analysis of that data so it can be turned into useful information. This has already proved to be of considerable benefit to decision-makers and we have only just started to understand its potential. The next step, where we aim to create a unified SAR data standard, is now underway. This will properly define all the SAR data elements we wish to capture and clearly map the reason and use for doing so. We also undertook a full refresh of the NZSAR resource database, which added functions and permitted it to work on mobile devices, and continued to support SARNET, which is being increasingly used for multi-agency operational and non-operational communication.

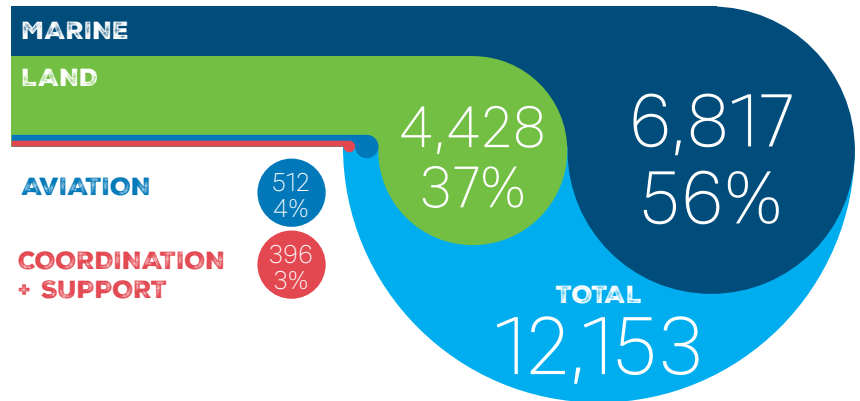
Other achievements over the year include the two major workshops we ran, one for wander SAR and the other for SAR helicopter operators. Each of these addressed specific issues and risks in a collaborative manner. We also undertook two major reviews, one around SAR governance arrangements (see the Chair's comments opposite) and the other to look at New Zealand's avalanche advisory requirements.

In addition to the NSSP, the Secretariat completed a number of discrete projects and fulfilled its many 'business as usual' functions. The efficient support of the NZSAR Council and Consultative Committee, monitoring the four Service Level Agreements (SLAs) with each of the key voluntary SAR providing agencies, and the stewardship of the sector's SAR (ACE) training arrangements are all significant and time consuming responsibilities. Search and rescue is undoubtedly a team effort, and we very much appreciate the assistance we have received from the many people and organisations over the past year.

WHO WE ARE

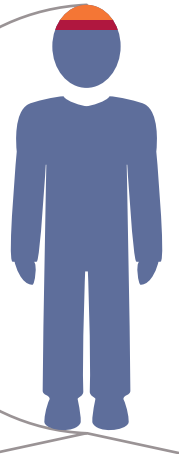
PEOPLE IN THE NZ SAR SECTOR

There are 12,153 people directly involved in the New Zealand SAR sector. The roles of people in the sector vary quite significantly across the sector. Most people are involved in direct operational roles, such as crewing a marine rescue vessel, searching the bush as part of a team, or flying a search aircraft. Other people are involved in operational roles as members of incident management teams that coordinate a SAR response. And there are also many people involved in support roles, such as providing strategic direction, administrative tasks, training, and carrying out prevention services.



NEW ZEALAND HAS ONE OF THE HIGHEST RATES OF VOLUNTEER SAR INVOLVEMENT IN THE WORLD. VOLUNTEERS MAKE UP 95% OF THE PEOPLE WHO PROVIDE THE OPERATIONAL SAR RESPONSE.

3% Paid Full Time
2% Paid Part Time
95% Not Paid



COORDINATION + SUPPORT: People involved in the coordination of SAR operations, and in providing strategic direction and policy advice for the sector, who are drawn from the Maritime Operations Centre, Maritime New Zealand's Rescue Coordination Centre, NZ Police, and the NZSAR Secretariat; and people involved in providing training and prevention services. Most SAR training is carried out in-house by each of the SAR organisations. The Coastguard Boating Education Service is an example of an organisation that provides preventative education services to the public of New Zealand.



MARINE

- COASTGUARD NZ
- DUNEDIN MARINE SAR
- SURF LIFE SAVING NZ

MARINE: People who are active in marine-based SAR. Most of these people are volunteers from Coastguard New Zealand and Surf Life Saving New Zealand.



COORDINATION + SUPPORT

- ANTARCTIC UNIFIED INCIDENT COMMAND
- MARITIME OPERATIONS CENTRE
- POLICE NZ
- RCCNZ
- ORGANISATION SUPPORT
- TRAINING



LAND

- AMATEUR RADIO EMERGENCY COMMUNICATIONS
- ANTARCTICA NZ
- DEPARTMENT OF CONSERVATION
- LANDSAR
 - ALPINE CLIFF RESCUE
 - CAVE SAR
 - SAR DOGS
 - TRACKING

LAND: People who are active in land-based SAR. Most of these people are volunteers from the Amateur Radio Emergency Communications (AREC) and LandSAR New Zealand.



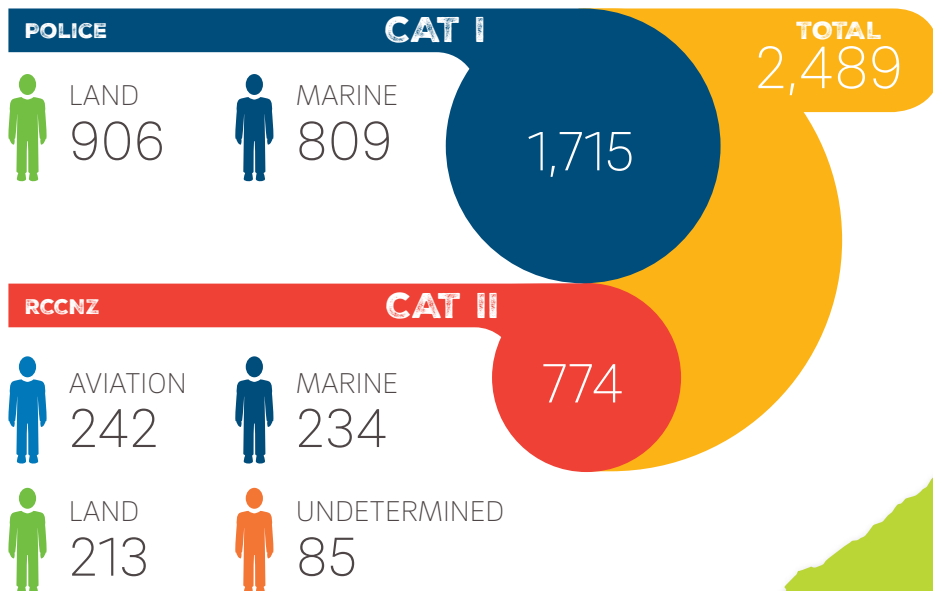
AVIATION

- COASTGUARD AIR PATROL
- EMERGENCY MEDICAL SERVICE HELICOPTERS
- NZ DEFENCE FORCE

AVIATION: People involved in the aviation segment of the SAR sector. These people provide a great deal of support to a large number of SAR operations across all three modes – land, marine and air.

WHAT WE DO

SAR INCIDENTS IN 2014/15



COORDINATING AUTHORITIES

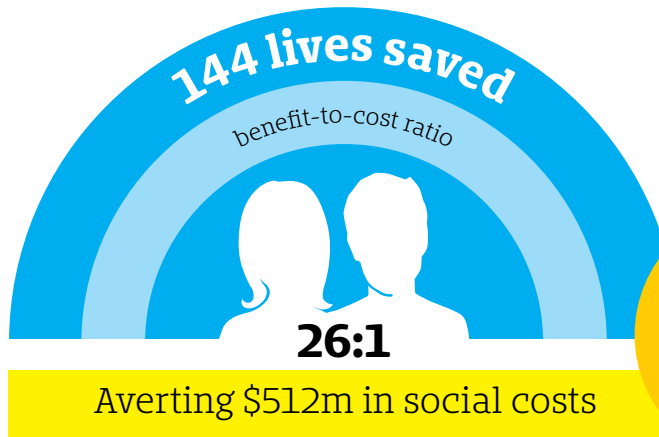
Two agencies have responsibility for coordinating Search and Rescue Operations (SAROPs) throughout the New Zealand Search and Rescue Region (NZSRR). The New Zealand Police coordinate Category I SAROPs at the local level; including land, subterranean, river, lake, inland waterway and close-to-shore marine operations.

The Rescue Coordination Centre New Zealand (RCCNZ) coordinate Category II SAROPs at the national level; including operations associated with missing aircraft, aircraft in distress, and off-shore marine operations within the NZSRR. Category II SAROPs typically require the use of national or international resources and may involve coordination with other states.

WE CONTINUE TO SEE VERY HIGH GROWTH IN BEACON REGISTRATIONS. DURING 2014/15 9,455 BEACONS WERE REGISTERED. 7,097 OF THOSE WERE PLBS (PERSONAL LOCATOR BEACONS) 2,100 WERE EPIRBs (EMERGENCY POSITION INDICATING RADIO BEACONS) AND 258 ELTS (EMERGENCY LOCATOR TRANSMITTERS).

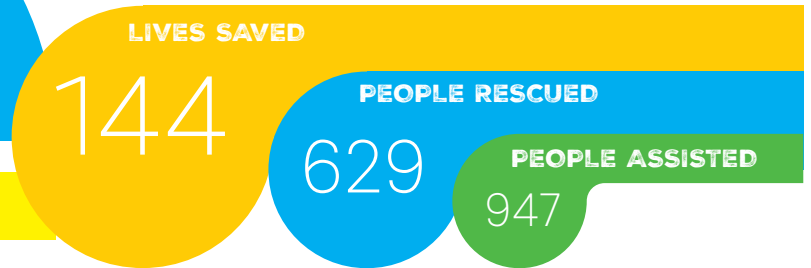


WHAT WE ACHIEVE



Value of Statistical Life formula (VOSL) does not include medical costs and operational costs

1,930 PEOPLE WERE AT RISK DURING 2014/15



THESE ARE SIGNIFICANT NUMBERS, THAT DEMONSTRATE THE POSITIVE IMPACT OF THE NZSAR SECTOR.

At the start of each SAR operation, it is assumed that there is a person, or people, at risk and that they require the assistance of New Zealand's SAR services.

LIVES SAVED: Where, if SAR agencies had not intervened, life would definitely have been lost.

PEOPLE RESCUED: Where SAR agencies locate and rescue a person or people at risk and return them to a safe location.

PEOPLE ASSISTED: Where SAR agencies aid a person or people at low risk, but who, if left, would be at risk.

In some cases people are not at risk at any stage of the operation. Common examples of these include accidental beacon activations (usually from aircraft undergoing scheduled maintenance) and possible flare sightings. Regrettably a number of people perish before SAR services are notified or despite our best efforts. A total of 135 fatalities were recorded during the 2014/15 year.

NZSAR ESTIMATES THAT NEW ZEALAND AVERTED \$512 MILLION IN SOCIAL COSTS DUE TO THE 144 LIVES THAT WERE SAVED.

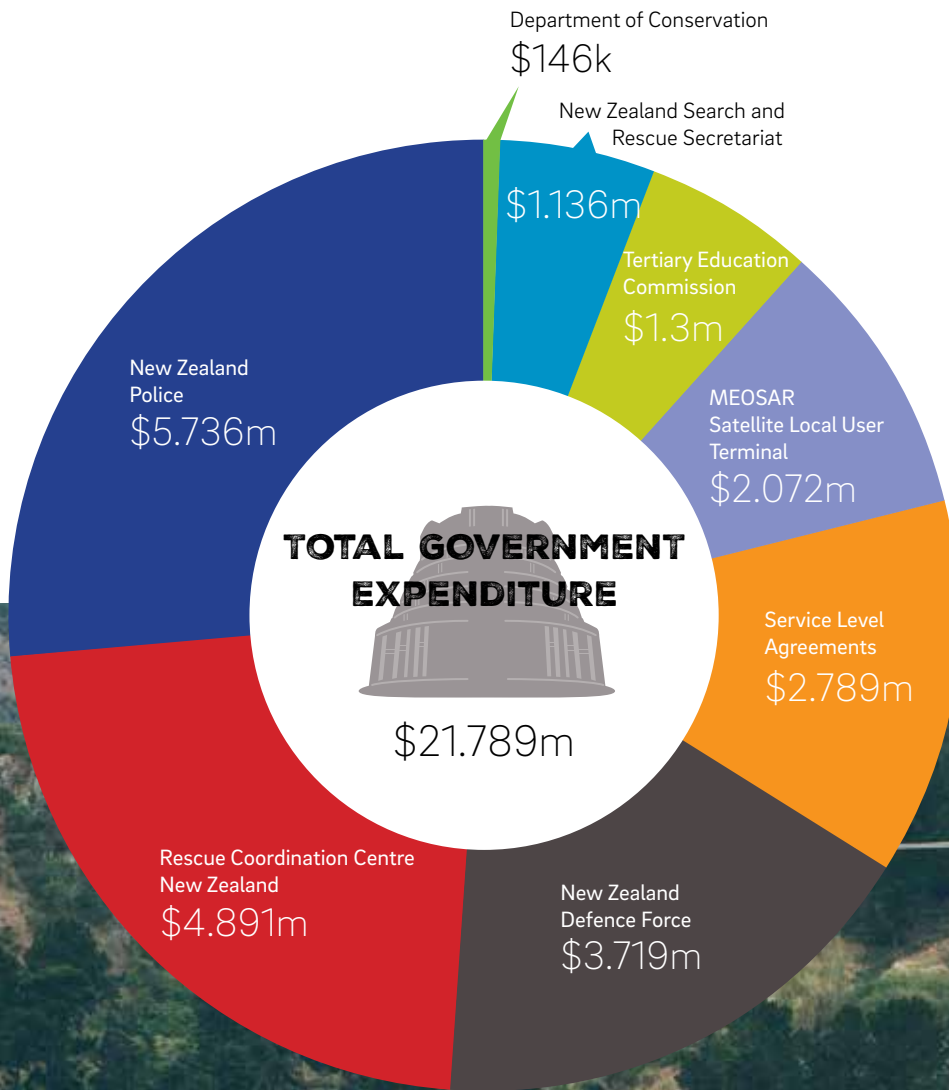
The social cost of a premature fatality is measured using the Ministry of Transport's Value of Statistical Life formula (VOSL). It includes intangible costs such as emotional costs to family and friends. The intangible benefit-to-cost ratio is estimated to be approximately 26:1 and can in part be attributed to the continual financial efficiency and operational effectiveness of the Sector.

Of the approximate \$21.789m Government's investment, \$4.679m was sourced from the fuel excise duties paid by recreational boat users. This funded the NZSAR Secretariat, the four Service Level Agreements and some elements of the Rescue Coordination Centre New Zealand's (RCCNZ) activities.

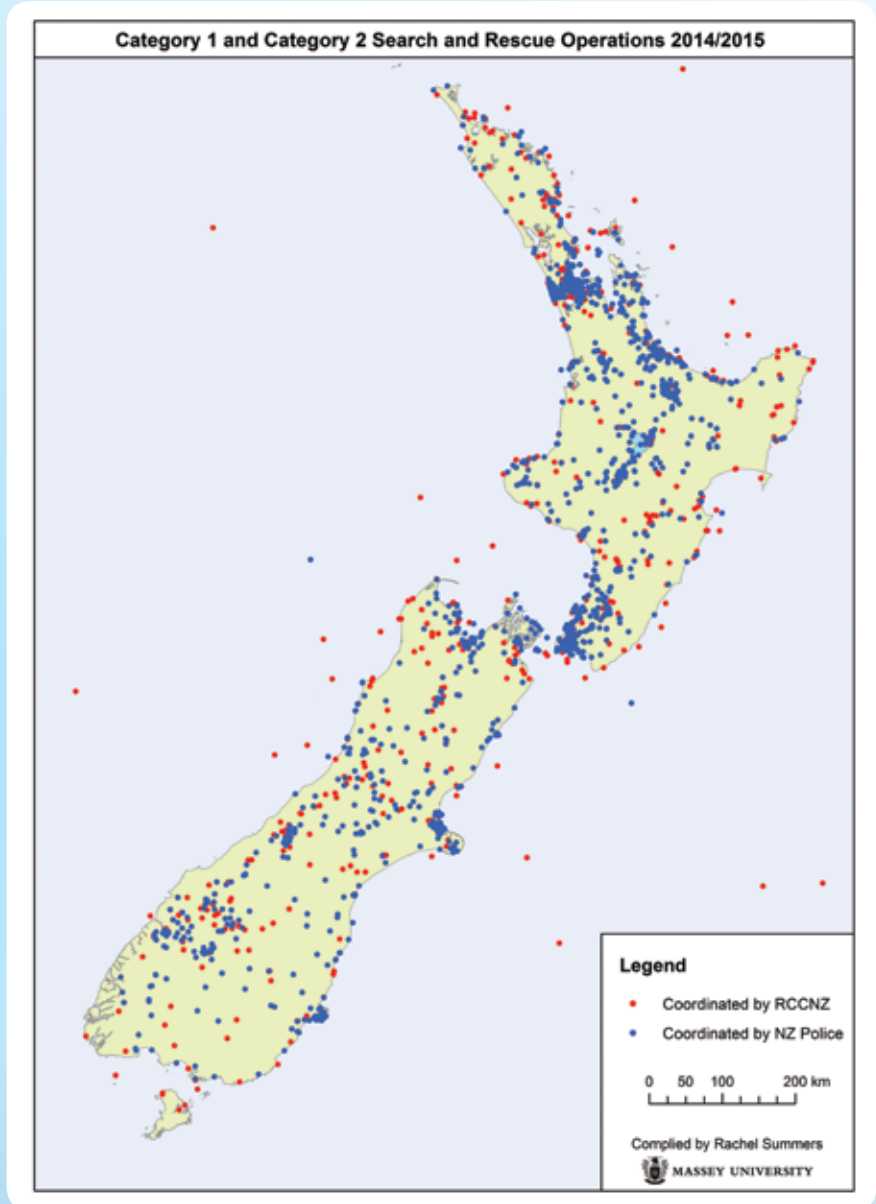
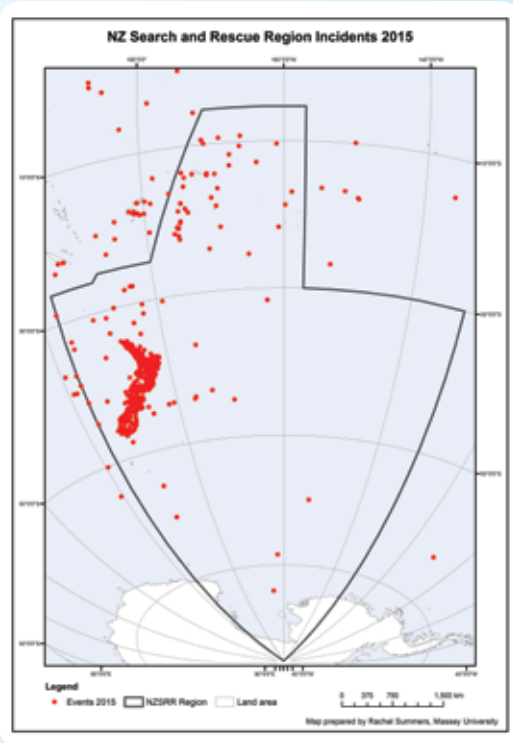
The total cost of SAR to Government varies year on year, as operational costs change according to the number, length and type of SAR operations. Significant overhead and capital costs are not fully represented, as it is difficult for some organisations to capture this information.



GOVERNMENT EXPENDITURE ON SAR 2014/15



WHERE WE DO IT

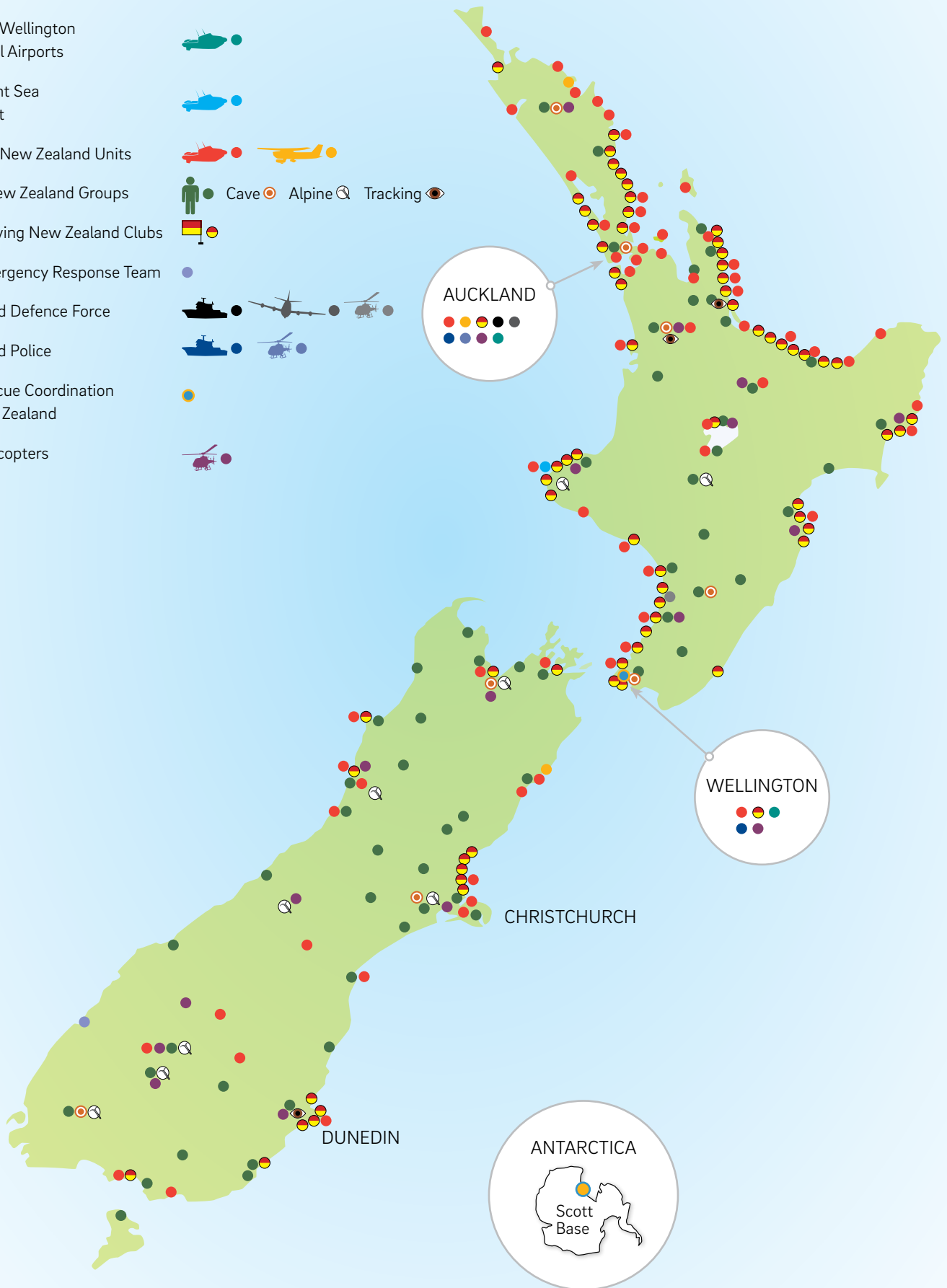


The Secretariat is working with the Geographic Information Systems (GIS) team at Massey University to produce various maps such as this which assist in making robust strategic decisions for the sector.



WHAT WE USE

- Antarctica Scott Base 
- Auckland & Wellington International Airports 
- Cape Egmont Sea Rescue Trust 
- Coastguard New Zealand Units 
- LandSAR New Zealand Groups  Cave  Alpine  Tracking 
- Surf Life Saving New Zealand Clubs 
- Milford Emergency Response Team 
- New Zealand Defence Force 
- New Zealand Police 
- RCCNZ Rescue Coordination Centre New Zealand 
- Rescue Helicopters 



AUCKLAND

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WELLINGTON

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ANTARCTICA

Scott Base



THE STRATEGY

OUTCOME

NZSAR will ensure New Zealand has effective SAR services for people in distress throughout New Zealand's Search and Rescue Region in order to save lives.

VISION

A cohesive community of capable people in sustainable organisations, finding and rescuing people in distress, and operating collaboratively within a robust SAR system



NZSAR COUNCIL GOALS



A ROBUST AND INTEGRATED SAR SYSTEM

We seek a collective, cross-sector culture of being 'one SAR body' within an integrated SAR sector. The sector will continually work on improving its effectiveness and efficiency. We will continue to improve our understanding of ourselves, our relationship with other SAR agencies, our operations, external influences and the risks to the sector. We will use this information to improve common SAR practices and procedures to ensure the safe delivery of effective SAR services.



EFFICIENT AND SUSTAINABLE SAR ORGANISATIONS

The sector will further enhance its internal and external organisation and communications. We will be as efficient as possible with secure funding adequate to meet the known SAR need. We will make key decisions based on good quality information. We will also adapt our organisations to meet the changing environment and ensure we are effective at delivering SAR services. We will ensure we are located appropriately, with adequate equipment matched to the identified SAR requirements.



CAPABLE SAR PEOPLE

We will maximise the potential of our SAR people. We will maintain a good understanding of ourselves and what we need to succeed. We will work to ensure our people have access to adequate training and that we conduct SAR activities safely. We will collectively coordinate our standards, training, exercises and documentation. We will share knowledge without restriction and learn from each other. We will also promote and support SAR innovations, showcasing good practices, and when appropriate, recognise and celebrate our people.



REDUCED DEMAND FOR SAR SERVICES

We seek an informed and responsible public. We will collaborate, inform, contribute to, and when required, coordinate or lead public-focused preventative strategies and actions for individuals, groups and organisations. We want to ensure the New Zealand public and guests to our country are appropriately informed and assist them to take personal responsibility for their activities in order to reduce the need for search and rescue services.

SUPPORTING SAR A SNAPSHOT

REVIEWING AVALANCHE ADVISORY



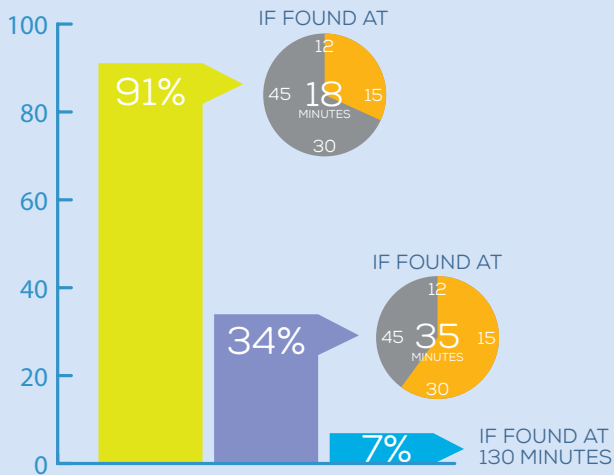
The NZSAR Council undertook a review around New Zealand's need for an avalanche advisory service. New Zealand experiences significant numbers of avalanches each year and they create a major safety risk to people recreating in the back country – and to any search and rescue teams that might be deployed there. An avalanche advisory mitigates this risk by providing comprehensive information around the avalanche risk.

The review investigated the current structure and operation of the avalanche advisory, including its cost and funding, compared it to other New Zealand and international models and detailed reported avalanche incidents and accidents, then considered who uses and benefits from the service.

The review reached the conclusion that an avalanche advisory for New Zealand was warranted and should be supported. It also recommended a number of improvements to the avalanche advisory system and a more cohesive and sustainable approach to funding the advisory.



AVALANCHE SURVIVAL CHANCES



MANAGING THE INITIAL RESPONSE



Plugging what has long been identified as a gap in formal training, a course is now available through SAR (ACE) training for people involved in running marine search and rescue operations.

Marine Managing the Initial Response (MMTIR)

is the foundation block for Incident Management in a marine environment. The course, which runs over three days, takes participants through procedures that must be followed from the onset of the notification and includes chart course plotting, wind speed, wind direction and drift patterns pertaining to different vessels and people in the water.

Driving home the importance of managing an incident by objectives, a number of Incident Action Plans are produced over the three days. And, to keep the course as practical and as real as possible, the interactive scenarios are based on actual operations that have occurred in New Zealand.



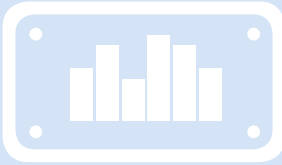
GOOD INFORMATION = BETTER DECISIONS



NZSAR has taken a major step on its information pathway to support evidence-based decision-making within the SAR sector.

The NZSAR Data Store amalgamates the database held by the Rescue Coordination Centre, and the two Police databases into one system. The Data Store provides a collated set of all SAR data within our search and rescue region. The data goes back five years and can be analysed in numerous ways turning it into useful information for the sector. The information derived from the analysis of the data can be presented in a number of ways including maps, charts, pivot tables etc.

This graph showing the trends for land and marine incidents over the last five years is a great example. It is pleasing to see the noticeable decline in Marine SAR incidents.



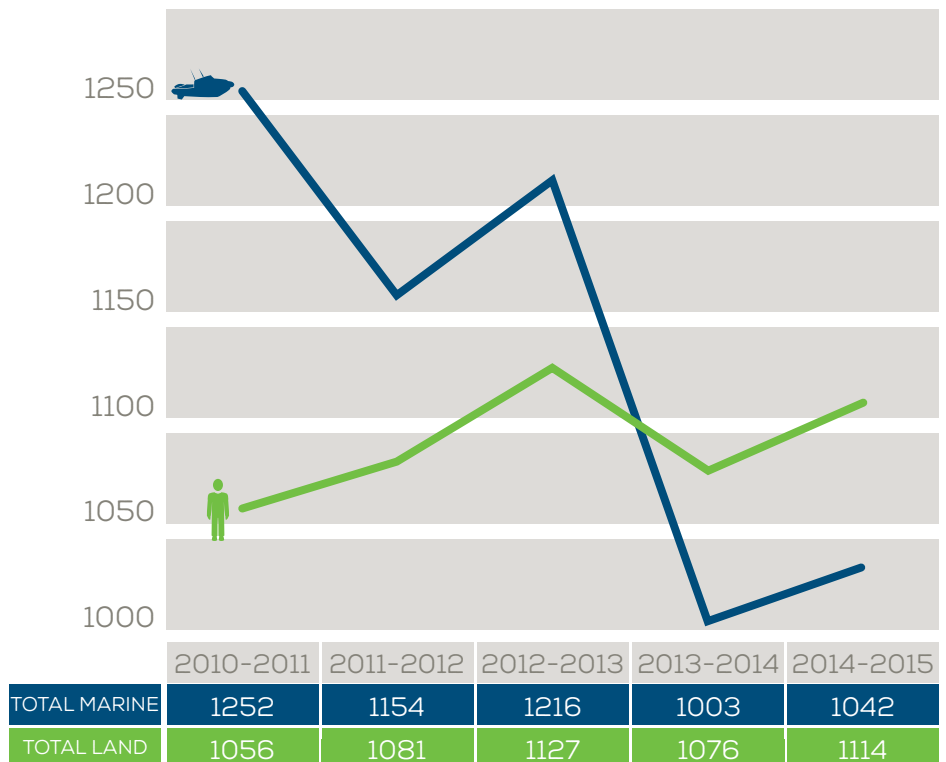
DATA STORE

THE DATA STORE CURRENTLY CONTAINS DATA FOR THE LAST FIVE YEARS:

CATEGORY I
9,220 RECORDS

CATEGORY II
3,770 RECORDS

TRENDS FOR MARINE AND LAND SAR INCIDENTS



RAUORA

Exercise Series
Mass Rescue



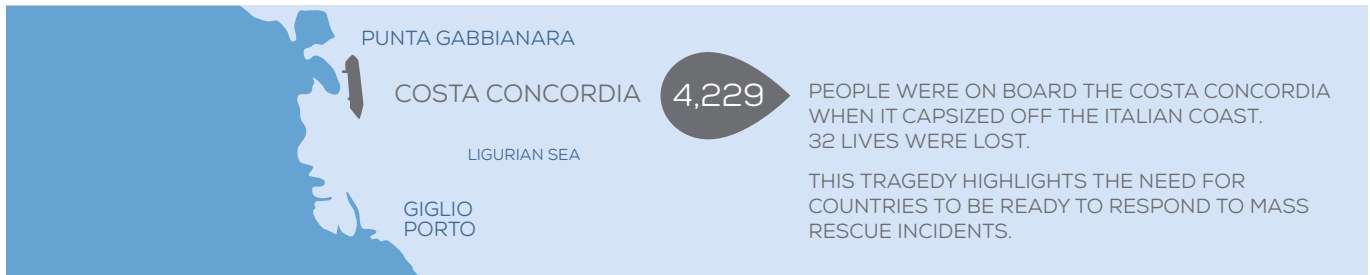
PLANNING FOR THE WORST CASE SCENARIO



The Rauora exercise series is well underway, taking a whole of government and SAR agency approach to preparing for a mass rescue. Working together with Police National Headquarters and the Rescue Coordination Centre, NZSAR is rolling out Rauora exercise series across the Police Districts. The one-day exercise brings together agencies that could be involved in a mass rescue to review their District's plan alongside other agencies' plans and people. Participants then use a table-top exercise to test how they all would work together if an event such as the Costa Concordia unfolded here.

Rauora goes beyond initial search and rescue operations to test 'the people phase' of a mass rescue, including welfare and reconciliation, as well as testing the control and command aspects.

Designed as a day of learning and improvement, feedback to date has highlighted the importance of the 5th 'R' to the response management system: relationships, by bringing people together in one place that may normally only communicate remotely.



STRENGTHENING A HEALTH AND SAFETY CULTURE



The Health and Safety programme continues to produce results with a number of SAR agencies working on better systems for their staff and volunteers. In one example, LandSAR has implemented a safety management system across the organisation with the intention of strengthening and formalising the health and safety culture.

The system has a series of principles and guidelines that provide all personnel with guidance and direction for managing safety across their activities. It also outlines responsibilities and accountabilities from risk management to incident reporting.

Key to this system's success is the 360° approach, where all reported incidents are included in LandSAR's risk register. These are then discussed by the LandSAR board – and actions to alleviate issues are applied. LandSAR has seen an immediate change in positive behaviour with a noticeable, significant increase in incidents and accidents being documented.

In another spinoff from the SAR-wide programme the coordinating authorities are collaborating with SAR agencies to produce interagency protocols to improve the current inconsistent procedures across the sector.



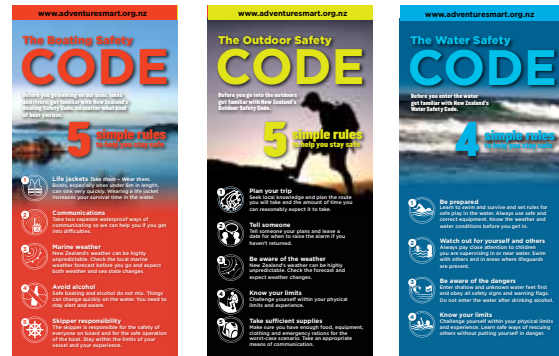
PREVENTION



AdventureSmart is New Zealand's go-to portal for safety information about all adventures in, on or above land and water. Because this essential resource is a collaboration between four safety partners – NZSAR, the NZ Mountain Safety Council, Water Safety NZ and Coastguard NZ – it directs visitors to the excellent information that already exists on these, and affiliate, websites.

The mobile-friendly website's features include the Outdoor Intentions Process, a helpful tool that makes it easy for visitors to tell someone their plans, and the Outdoor, Water and Boating Safety Codes, available in 17 different languages. NZSAR's focus on international visitors has seen thousands of AdventureSmart brochures distributed throughout i-SITE and DOC visitor centres, who also promote AdventureSmart through the 'Great advice, Great walks, Great rides' map. Self-drive tourists have been

listening to Tourism Radio's AdventureSmart advertisements across New Zealand, while sponsorship from Jasons Travel Media has seen AdventureSmart placed literally front and centre on the company's regional travel guides and maps.



17 SAFETY CODE LANGUAGES – 30,919 WEBSITE VISITORS – 80,578 BROCHURES DISTRIBUTED



MEOSAR SATELLITES ORBIT AROUND 20,000KM ABOVE THE EARTH

LEOSAR SATELLITES ORBIT BETWEEN 800-1,000KM ABOVE THE EARTH

NEW ZEALAND'S INVOLVEMENT IN THE INTERNATIONAL SATELLITE UPGRADE



Construction is well underway on the new satellite receiving station, which is being built near Taupo to pick up the distress beacon signals from Medium-altitude Earth Orbit Search and Rescue (MEOSAR) satellites.

The project is a significant collaborative enterprise between Maritime New Zealand and the Australian Maritime Safety Authority – a sister receiving station is being built in Western Australia and a new mission control centre is being developed in Canberra. It is also a major financial commitment, with \$7.2m spent constructing the Taupo receiving station and \$5.5m budgeted for operating costs over the next 11 years.

INFORMED AND UP-TO-DATE SECTOR



The NZSAR Council undertook a comprehensive review of SAR governance this year.

Amongst its wide-ranging findings the review noted the current operational arrangements for SAR are effective and provide a highly cost-effective capability that meets the Government's obligation to the public as well as its international obligations.

The SAR Council, Secretariat and Consultative Committee were assessed as appropriate and effective mechanisms for coordinating the sector's participants and providing governance at the strategic level. The review noted the SAR sector can expect to face a number of challenges in the future arising from changes in demographics, stakeholders' expectations, evolving technologies and its reliance on volunteers.

Gathering information and conducting research seem to be the key enablers to keeping the Council and the sector well informed of developments.

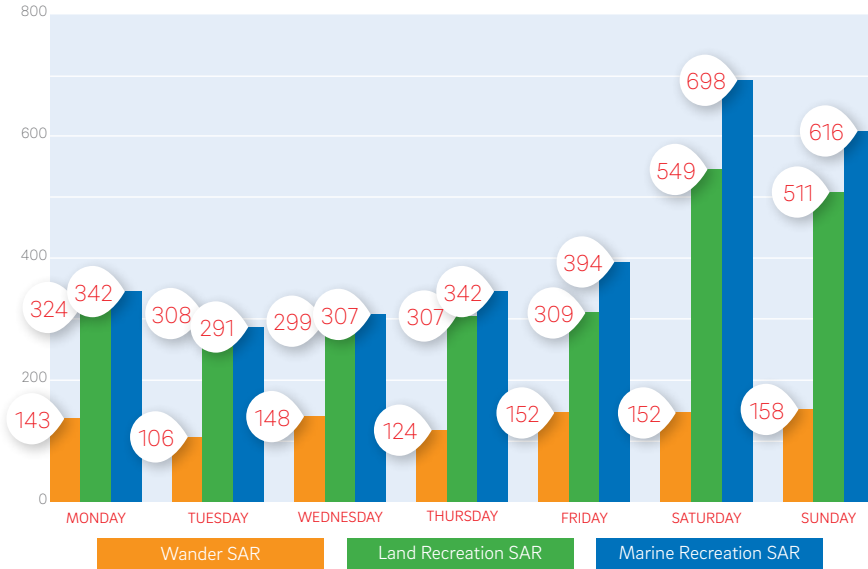
The Council has set out a plan of action to address the issues raised – these are outlined in the Chair's Report.



SAR DATA STORE

The new SAR Data Store (see the story on page 10), is providing more robust statistical information that will support effective evidence based decision making across the SAR sector. These graphs illustrate the breadth of information now available and its usefulness.

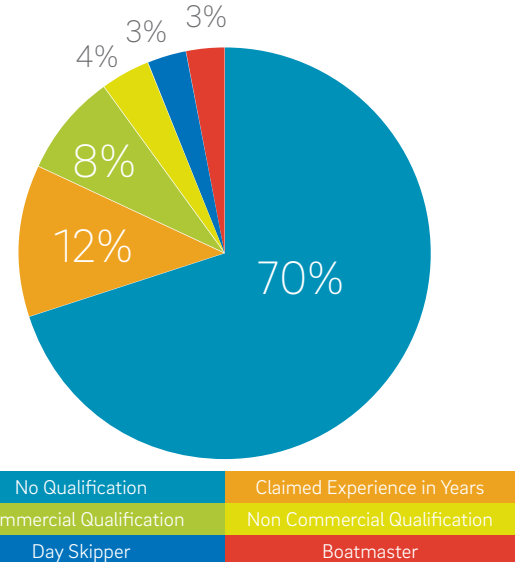
WHEN DOES SAR HAPPEN? 2010 – 2015



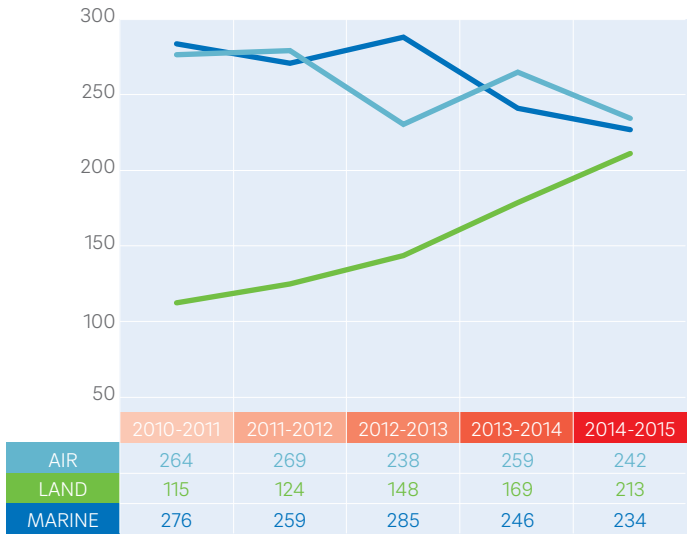
The weekends show a spike in SAR incidents for recreational activities, whether on land (mainly tramping, walking, and hunting) or in the marine environment (mainly boating and fishing). However, SAR incidents for wanderers (people suffering from alzheimer's, autism, and missing children) remain constant across the whole week. This can have an impact on local SAR volunteer organisations, as they need to structure their availability (for example, ensuring there is surge capacity in the weekends) to respond to the types of SAR incident they will most likely be called out to assist with.

This graph shows the importance of the role education plays in keeping the public safe as they participate in recreational activities. Only 18% of the rescued boaties involved in Category I marine SAR incidents had some form of marine qualification, and only 6% had completed a Coastguard Boating Education Service course (Day Skipper or Boatmaster).

RESCUED BOATIES QUALIFICATIONS



CAT II INCIDENTS BY ENVIRONMENT



The large growth in the number of Personal Locator Beacons (PLBs) purchased and registered in New Zealand, is leading to a change in the type of SAR incidents that RCCNZ is responding to. The annual number of Category II land incidents has almost doubled over the last five years.

CELEBRATING SUCCESS



2014 NZSAR AWARDS



The 2014 NZSAR Awards were hosted by Lt Gen Rt Hon Sir Jerry Mateparae, Governor General of New Zealand, at Government House for the first time.

The Governor General paid particular attention to the high levels of commitment and skills that are required to be involved in search and rescue. He also recognised the 10 year anniversary of the Rescue Coordination Centre New Zealand, acknowledging its people for the work they do to coordinate all Category II SAR incidents in New Zealand's Search and Rescue Region.

Nineteen awards were presented – the largest number to date – with a Gold Award and five Certificates of Achievement in both the Operational and Support categories. This year the NZSAR Council also awarded a special Certificate of Achievement.

The NZSAR Gold Awards for Operational and Support Activity are awarded for a very significant contribution to search and rescue.

Gold Award – Operational

- *Tai Kahn – From Surf Life Saving Northern Region*
- *Peter Baltus*
- *Lincoln Baltus*
- *Tane Moore*
- *Mark Goodhew – From Muriwai Lifeguard Service*

For the rescue of a surfer from the gannet colony cliffs at Muriwai Beach on 29 September 2014

This rescue was conducted in extreme conditions, with sea conditions and the position of the surfer adding to the complexity and challenge of the operation for the IRB and helicopter crews/teams. The teamwork, bravery and skills demonstrated during this rescue ultimately led to a life being saved.



Gold Award – Support

- **Antony Groome – From LandSAR Palmerston North**
For his services to search and rescue in New Zealand

Antony (Tony) has been involved in SAR since his teenage years. He is an active member in both land and marine SAR in the Manawatu, where the SAR community relies heavily on his unwavering support. Tony has contributed to saving many lives and is often at the forefront of the approximately 60 annual SAR operations across the Manawatu and Horowhenua districts. Tony is an integral part of SAR management and continuous improvement projects throughout the region.

Certificates of Achievement – Operational Activity

The NZSAR Certificates of Achievement for Operational Activity are awarded for an important contribution to search and rescue in the New Zealand Search and Rescue Region during 2014.

- **Sergeant Peter Muldrew – From Oamaru Police**
- **Robert Borst**
For the rescue of a trapped motorist from Fuchsia Creek on 18 April 2014
- **Coastguard Houhora**
- **Coastguard Northland Air Patrol**
For the rescue of three fishermen in Rangaunu Harbour on 27 December 2014
- **Mount Maunganui Lifeguard Service**
For their efforts during the search for Jack Dixon, October 2014
- **Her Majesty's New Zealand Ship Otago**
For the rescue of the crew from the yacht Django on 8 July 2014
- **Wanaka Alpine Cliff Rescue**
For the rescue of climbers from the Quarterdeck, Mt Aspiring, on 10 September 2014



Certificates of Achievement – Support Activity

The NZSAR Certificates of Achievement for Support Activity are awarded for an important contribution to search and rescue in the New Zealand Search and Rescue Region, either during 2014 or over an extended period.

- **Brian Boyle – From Coromandel Peninsula Search and Rescue**
For his services to marine search and rescue
- **Senior Constable Peter Comer – From Police Maritime Unit, Auckland**
For technical innovation in marine search and rescue
- **Rowan Leck – From Dunedin Marine SAR**
For his services to marine search and rescue
- **Heather McDonald – From Sumner Lifeboat**
For her services to marine search and rescue
- **Geoff Wilkie – From Coastguard Northern Region**
For his services to marine search and rescue

This NZSAR Certificate of Achievement - Special Award - is awarded for an important contribution to international search and rescue during 2014.

- **5 Squadron RNZAF**
For their efforts during the search for MH370, March-April 2014



THE NZSAR COUNCIL AND SECRETARIAT CONGRATULATES ALL OUR 2014 WINNERS. FULL CITATIONS OF ALL THESE AWARDS, PLUS ALL THE DETAILS ABOUT THE NZSAR AWARDS AND THE SIMPLE NOMINATION PROCESS, CAN BE FOUND ON OUR WEBSITE AT WWW.NZSAR.ORG.NZ/AWARDS.

THE 2015 AWARD NOMINATIONS CLOSE 31 JANUARY 2016.

GOVERNANCE

NZSAR COUNCIL

The Council's role is to provide national strategic governance and leadership to New Zealand's search and rescue sector.

In keeping with the Council's high level strategic function, its membership is drawn from the chief executives (or delegated to a person from the senior executive level) of the Ministry of Transport, New Zealand Police, New Zealand Defence Force, Department of Conservation, Maritime New Zealand and the Civil Aviation Authority.

NZSAR SECRETARIAT

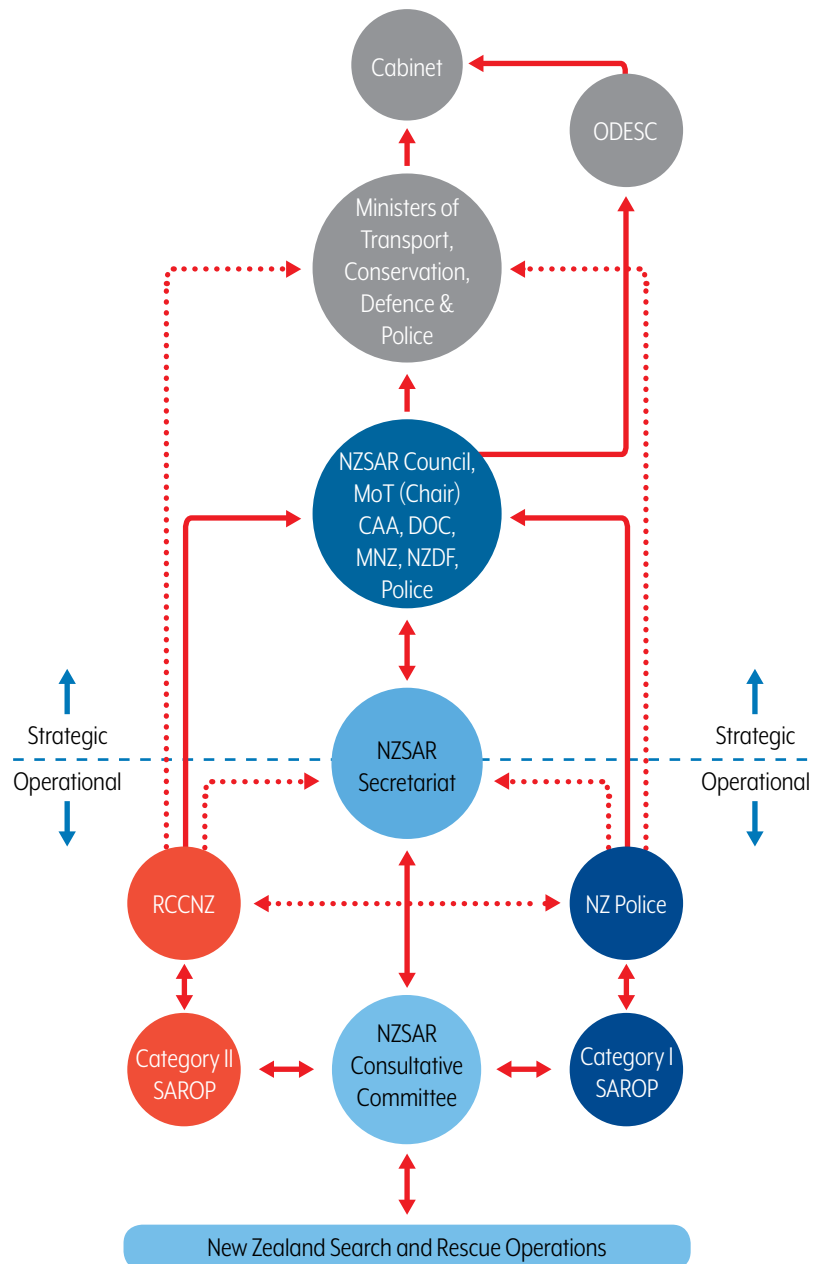
The Council is supported by the NZSAR Secretariat. Its purpose is to provide a national forum for all New Zealand SAR stakeholders including voluntary groups. It provides the Council with support services, policy advice and implements agreed measures to effectively coordinate strategic SAR in New Zealand.

NZSAR CONSULTATIVE COMMITTEE

The Consultative Committee provides advice to the Council and informs the strategic decision making process. Consultative Committee members include:

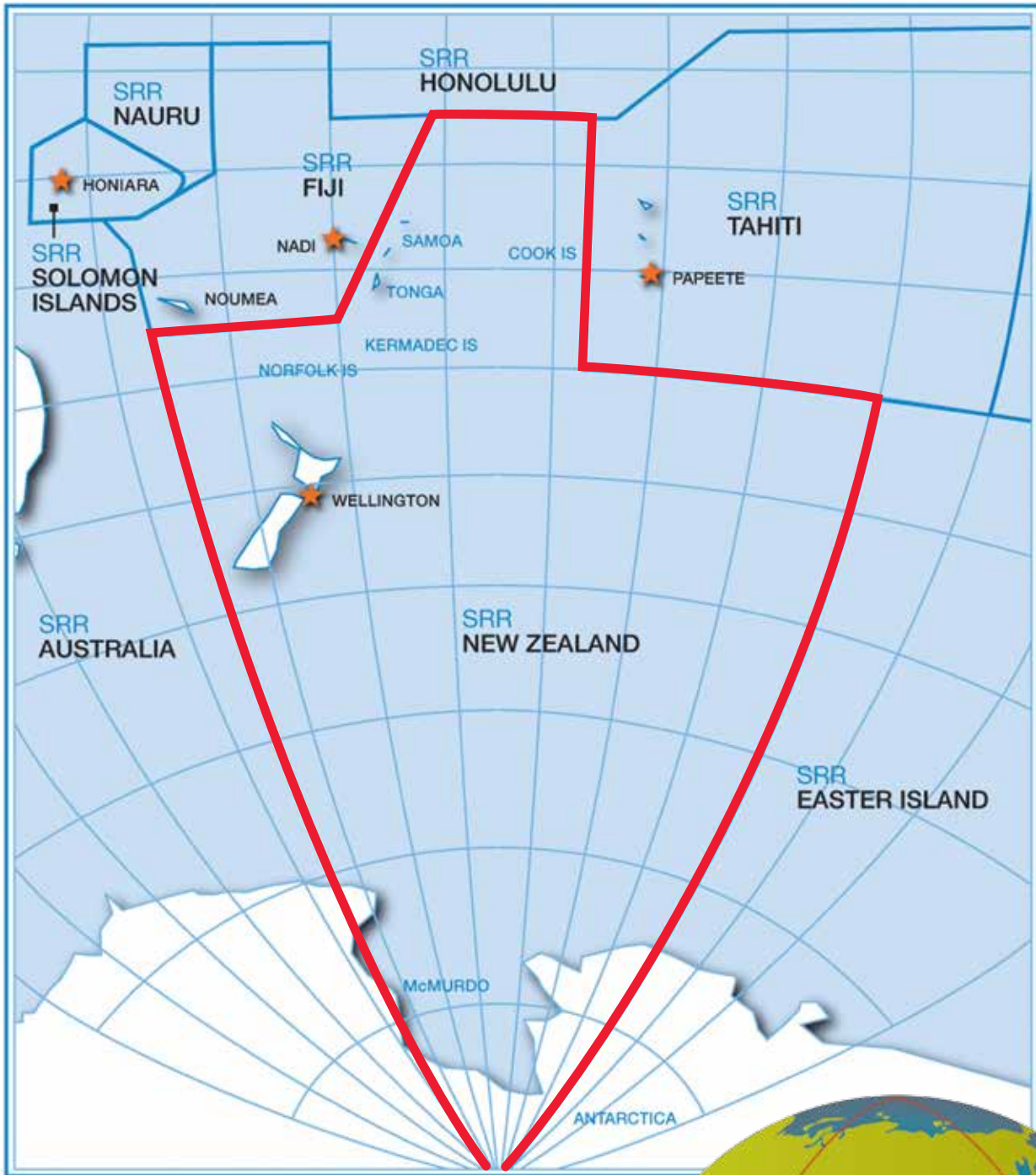
- Amateur Radio Emergency Communications
- Ambulance New Zealand
- Antarctica New Zealand
- Aviation Industry Association
- Civil Aviation Authority
- Coastguard New Zealand
- Department of Conservation
- LandSAR New Zealand
- Maritime New Zealand
- Maritime Operations Centre
- Ministry of Transport
- National Ambulance Sector Office
- New Zealand Defence Force
- New Zealand Fire Service
- New Zealand Mountain Safety Council
- New Zealand Police
- NZSAR Secretariat (Chair)
- Rescue Coordination Centre New Zealand
- Surf Life Saving New Zealand
- Water Safety New Zealand

The Council, Secretariat and Consultative Committee operate cohesively to ensure their objectives are successfully delivered.



- CAA: Civil Aviation Authority
- DOC: Department of Conservation
- MNZ: Maritime New Zealand
- MoT: Ministry of Transport
- NZDF: New Zealand Defence Force
- ODESC: Officials Committee for Domestic and External Security Coordination
- RCCNZ: Rescue Coordination Centre New Zealand
- SAROP: Search and Rescue Operations

NEW ZEALAND SEARCH AND RESCUE REGION



- ★ Rescue Coordination Centre
- Search and Rescue Region boundary of SSR



NEW ZEALAND SEARCH AND RESCUE COUNCIL
NZSAR SECRETARIAT
LEVEL 6, SAS TOWER
89 THE TERRACE
WELLINGTON
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In perspective:
NZSRR overlaid on Asia.