

# Student feedback survey report

New Zealand Search and Rescue

February 2021



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# Methodology

- This report is based on results from an online survey of participants in New Zealand Search and Rescue courses run in 2020.
- A total of n=251 participants completed the online survey between the 16<sup>th</sup> of December 2020 and the 11<sup>th</sup> of February 2021. They were invited via email from NZSAR with a unique link taking them to the survey. Three reminder emails were sent to those who had not taken part in the survey encouraging them to do so.
- The survey asks all respondents who took part in the CIMS 2 course (n=55) about their experiences. Overall ratings for each of the other course were also asked of all those who took part in them. However, more detailed questions about the other courses were only asked about the most recent course respondents participated in (to avoid heavy survey burden for those who took part in multiple courses). This means the sample sizes are smaller and the course may not be representative (courses that were later in the year will have been more likely to be a respondents most recent course.)
- The questionnaire was developed by NZSAR based on previous surveys.
- The maximum margin of error for a randomly selected sample size of n=251 is  $\pm 6.2\%$  for 95% confidence and  $\pm 5.2\%$  for 90% confidence. All differences noted in this report are statistically significant to at least 90% confidence.
- All numbers are shown rounded to zero decimal places. Hence specified totals are not always exactly equal to the sum of the specified sub-totals. The differences are seldom more than 1%.
  - For example:  $2.7 + 3.6 = 6.3$  when rounded appears as:  $3 + 4 = 6$

# Key findings

## CIMS 2

- The Net Promoter Score (NPS) for CIMS 2 was -2. From reasons given, it seems that the quality of the course was weakened by outdated material. Despite this, 76% rated the course as good or excellent overall and only 6% felt it was poor.

## Other SAR Courses overall

- Amongst all respondents who participated in each course, the overall positive ratings of the courses were all higher than 80%, with the exception of three courses; CIMS 4 (64%, n=28), Manage the Marine response (73%, n=15) and SAR Leadership (75%, n=8).
- The average positive rating across the board was 93% excellent or good, however it was higher amongst LandSAR courses (97%) than Tai Poutini Polytechnic courses (85%).

## Most recent course

- Disregarding CIMS 2, all SAR courses had positive NPS amongst those who participated in them most recently.
  - The driving factors both positively and negatively were the quality of the tutors and the relevance of the course.
- LandSAR courses had significantly higher NPS than Tai Poutini Polytechnic courses (+73 to +31) and consistently performed better across the whole range of measures tested.

# Key findings

## Most recent course continued:

- Tutors were rated highly (over 90% excellent or good) for knowledge, being easy to understand, giving clear instructions, providing guidance and giving clear explanations.
- Over 90% positively rated the timing of their most recent course and the suitability of the venue.
- Learning materials provided during the course were rated better (88% positively) than material provided before and after (75% and 72% respectively).
- Majority of respondents did not give any feedback on whether anything should or should not have been included in their most recent course. Four comments about expectations were recorded for CIMS 4, two of which mentioned the material not matching the assessment.

## SAR Courses generally

- A majority said the best thing about training in search and rescue was the learning from experienced tutors (71%) and learning new skills (also 71%).
- When asked what other skills they needed to learn next, 8-12% each mentioned searching, tracking, leadership and CIMS.
- Most respondents did not have any other feedback, but several praised the courses.
  - Some negative themes that did emerge were; outdated material, courses being cancelled and venues not being in convenient locations.

# CIMS 2



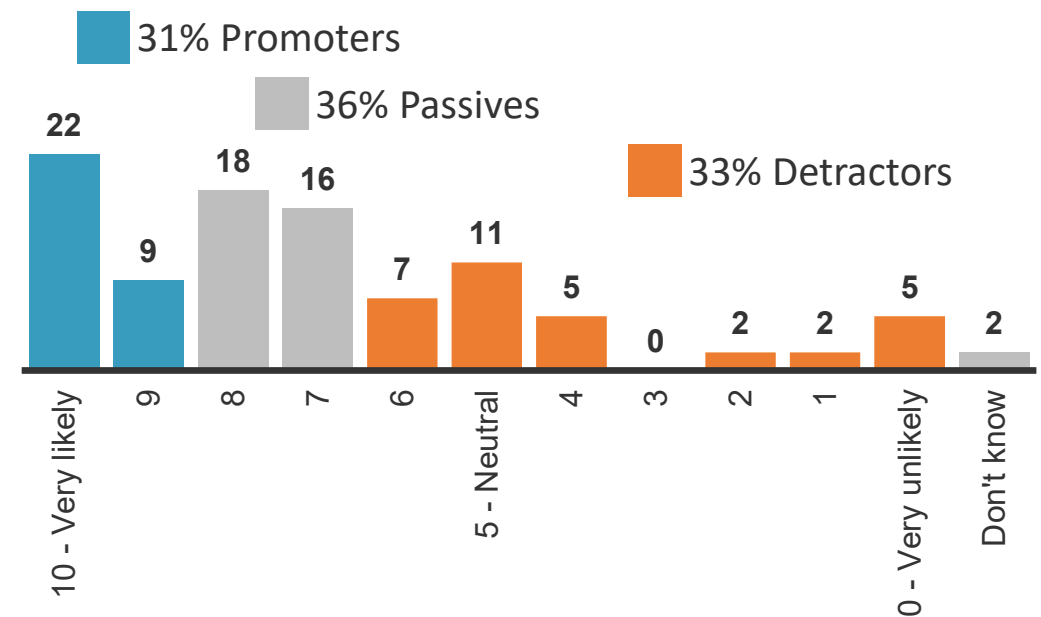
# Summary

- The Net Promoter Score for the CIMS 2 online course was -2 (31% Promoters – 33% Detractors).
  - Amongst Detractors, the most common reason given for the low score was that the material they were given was out-dated (39%), and 16% of Passive respondents also mentioned this.
- The length of the course and the course overall was rated as excellent or good by over three-quarters of respondents (76-78%). Respondents rated assessment as testing the right skills and learning materials slightly lower (69-71% excellent or good).
- 78% agreed the CIMS 2 course taught them the skills relevant to the task they do for SAR and 71% agreed they feel confident they can now use those skills.

# CIMS 2 NPS

- The Net Promoter Score for the CIMS 2 online course was -2 (31% Promoters – 33% Detractors).
- Respondents nominated by LandSAR were more likely to have a higher NPS score (+24).
- Respondents who were active in Marine/water operation gave a lower NPS (-36), while those involved in Land Operation and Group training have higher scores (+16 and +20 respectively).

How likely are you to recommend the CIMS 2 online course to other SAR people? (%)



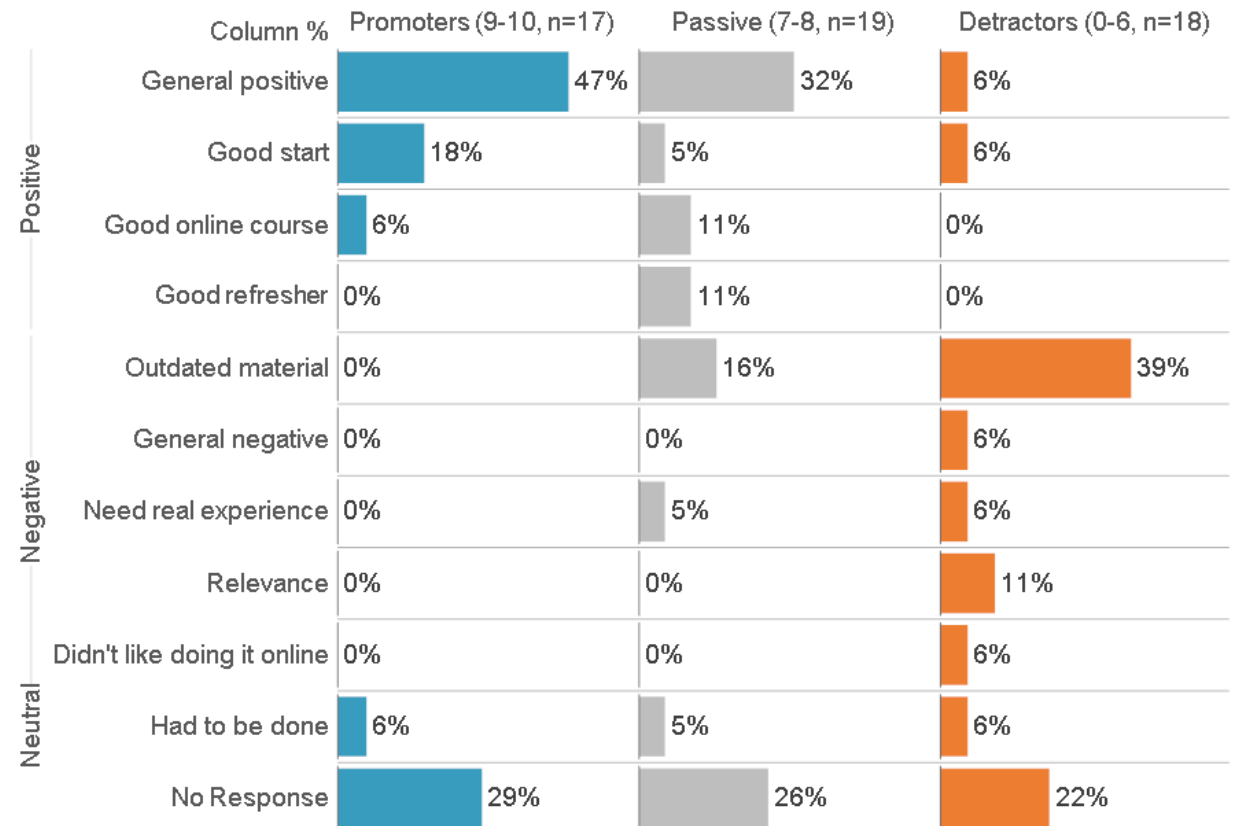
Base: CIMS 2 students (n=55)



# NPS reasons

- Amongst those who gave a promoter score, almost half (47%) gave a generic positive response. 18% said it was good start.
- Amongst Detractors, the most common reason given was that the material they were given was outdated (39%).
- Passive respondents were generally positive (32%), but 16% mentioned materials being outdated.

## What are the reasons for your recommendation score?

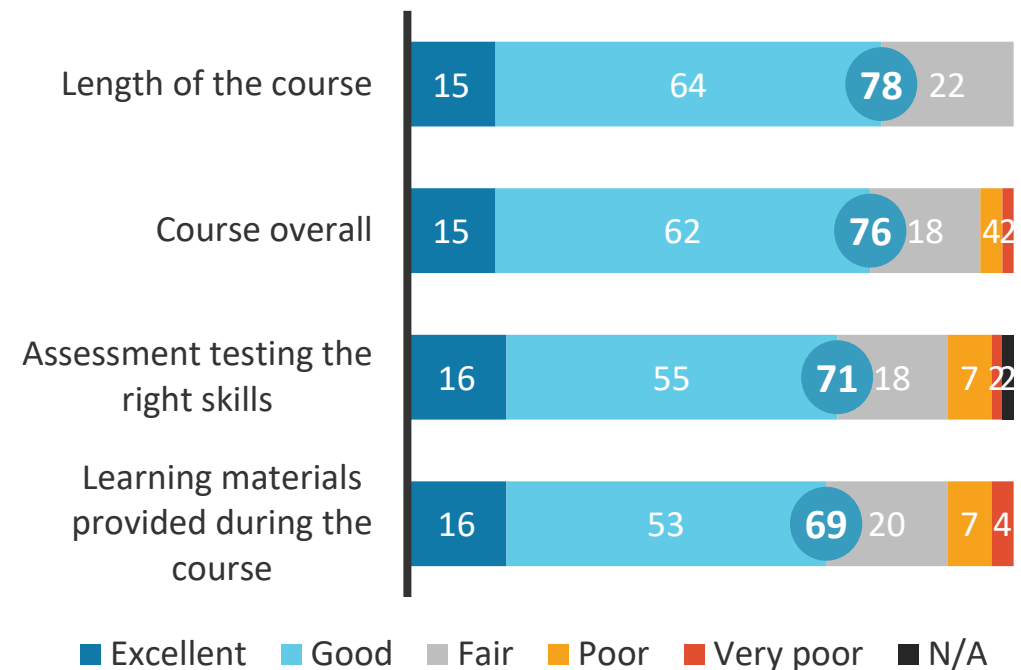


Base: Those who gave a reason to their recommendation score

# CIMS 2 ratings

- The length of the course and the course overall were rated as excellent or good by over three-quarters of respondents (76-78%). Respondents rated assessment as testing the right skills and learning materials slightly lower (69-71% excellent or good).
- LandSAR nominated respondents were more likely to give positive ratings for all four statements (83-90%).

Thinking about the CIMS 2 online course, how would you rate the (%)

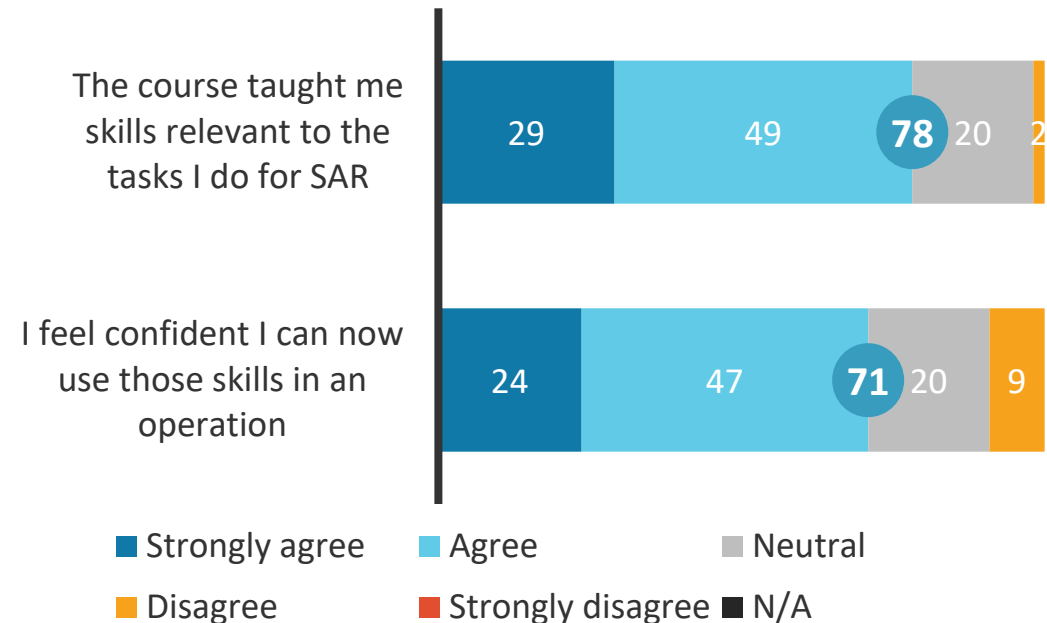


Base: CIMS 2 students (n=55)

# CIMS 2 ratings

- 78% agreed the CIMS 2 course taught them the skills relevant to the task they do for SAR.
  - South Island respondents were more likely to agree (93%) than North Island respondents (64%).
  - Respondents who had been operational for less than 5 years were more likely to agree (88%) than those operational for more (65%).
- 71% agreed they feel confident they can now use those skills.
  - Those who were active in Marine/water operation were less likely to say they feel confident (59%).

Still thinking about the CIMS 2 online course, do you agree or disagree that (%)



Base: CIMS 2 students (n=55)

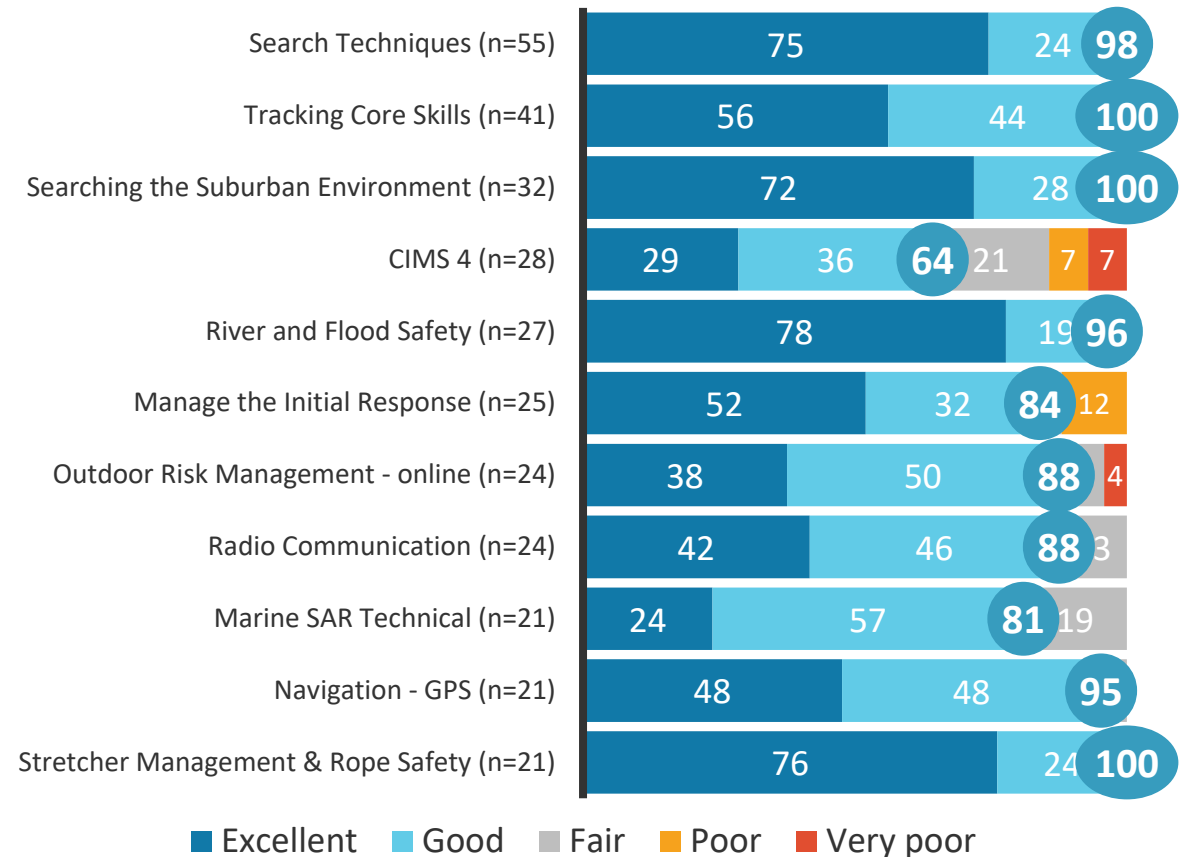
# Overall course ratings



# Overall course ratings

- Across all courses, the majority rated them as excellent or good. The lowest positive rating was for CIMS 4 (n=28) which had a total positive rating of 64%.
- The average ratings were 52% excellent, 41% good, 6% fair 1% poor or very poor.
  - The average ratings amongst LandSAR courses were 57% excellent, 40% good and 3% Fair
  - The average ratings amongst Tai Poutini Polytechnic courses were 42% excellent, 44% good and 12% fair and 3% poor or very poor
- 14 courses (including 11 that had fewer than n=20 respondents) had perfect ratings of 100% excellent or good.

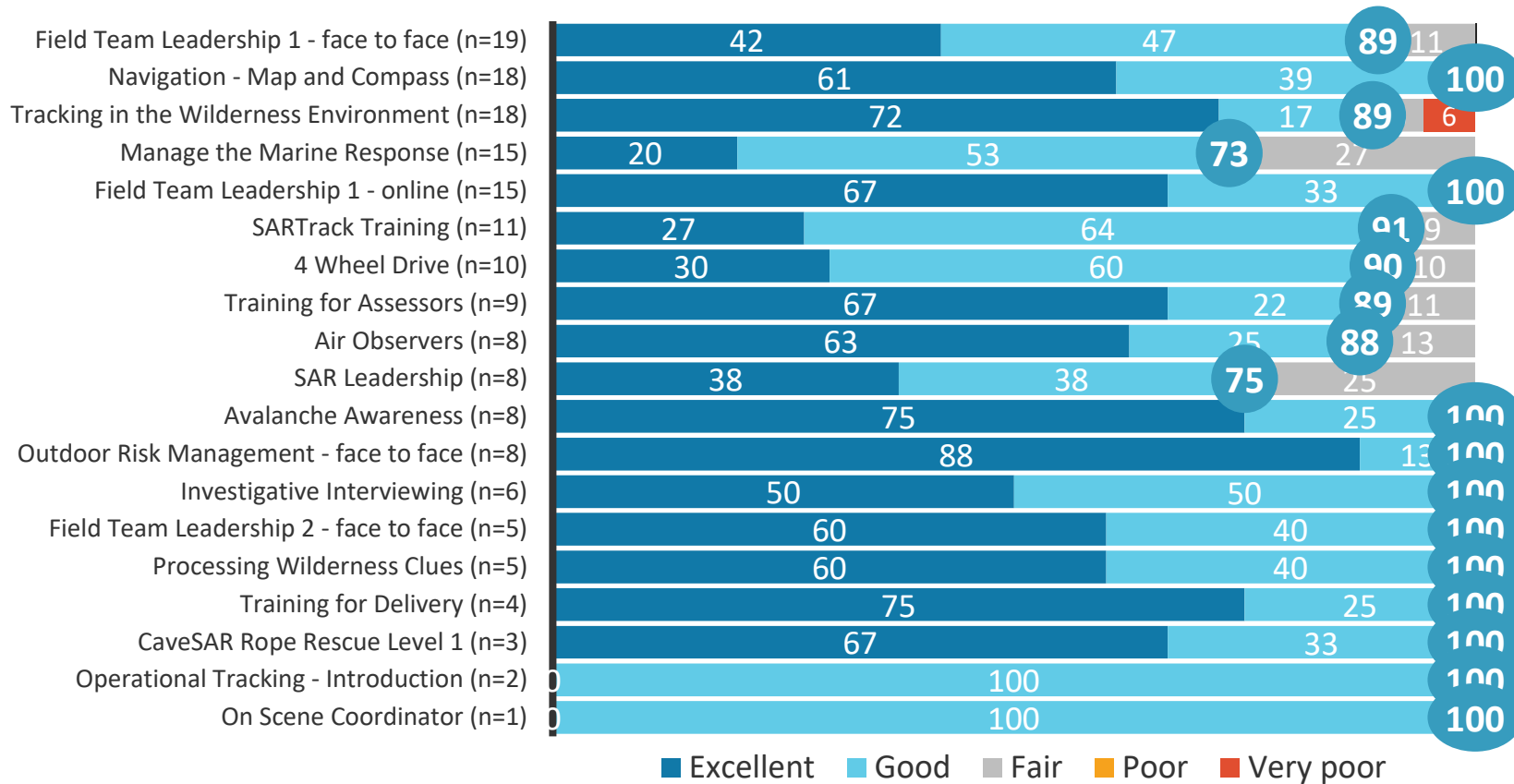
How would you rate the SAR training course/s overall (%)



Base: Varies depending on course, Only showing course with at least 20 respondents.

# Overall course ratings – small samples

**Q** How would you rate the SAR training course/s overall (%)



Base: Varies depending on course, Only showing course with less than 20 respondents.

# Most recent course



# Summary

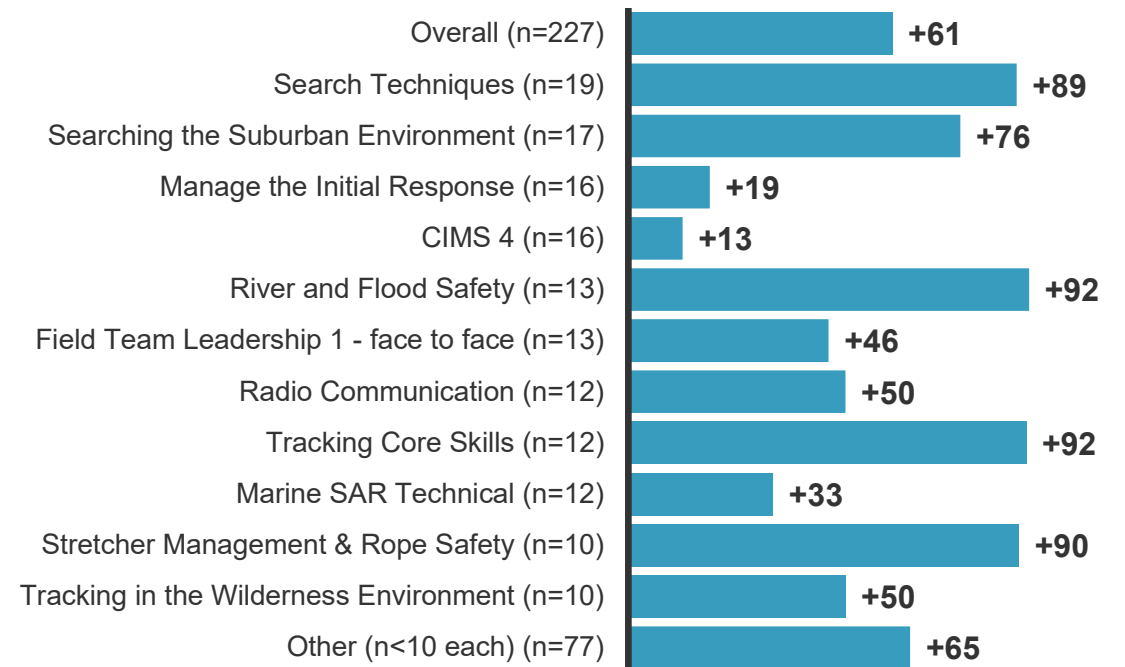
- The Net Promoter Score overall for respondents' most recent course was +61 (Promoters – Detractors: 70%-9%).
  - Amongst Promoters, the most common specific reasons given were that the course was relevant and had good tutors. Amongst Detractors they were the exact opposite; poor tutors and the course not being relevant.
- LandSAR courses had significantly higher NPS than Tai Poutini Polytechnic courses (+73 to +31) and consistently performed better across the range of measures tested.
- Over 90% rated tutors' knowledge, being easy to understand, giving clear instructions, providing guidance and giving clear explanations as excellent or good.
- Over 90% positively rated the timing of their most recent course and the suitability of the venue.
- Learning materials provided before, during and after the course were rated positively by 75%, 88% and 72% respectively.
- Over 90% agreed that teamwork was encouraged in their latest course, tutors ensured health and safety were followed, the assessment was fair, the course taught very relevant skills and they feel confident they can now use the skills in an operation.
- Respondents were asked what should and shouldn't have been included. The vast majority of respondents did not give any feedback. However, 12% recorded a response for something they were expecting to be included and 6% recorded a response for there being something that shouldn't have been included. All responses are presented at the end of this section.
  - Mostly, comments were very few and specific to each course. Four comments about expectations were recorded for CIMS 4, two of which mentioned the material not matching the assessment.



# Net Promoter Score

- The Net Promoter Score overall for respondents most recent course was +61 (Promoters – Detractors: 70%-9%).
- Search Techniques (+89), River and Flood Safety (+92), Tracking Core Skills (+92) and Stretcher Management & Rope Safety (+90) had higher scores on average.
- Manage the Initial Response (+19) and CIMS 4 (+13) had lower than average scores.
- LandSAR courses overall (n=160, +73) rated significantly higher than Tai Poutini Polytechnic courses (n=67, +31).

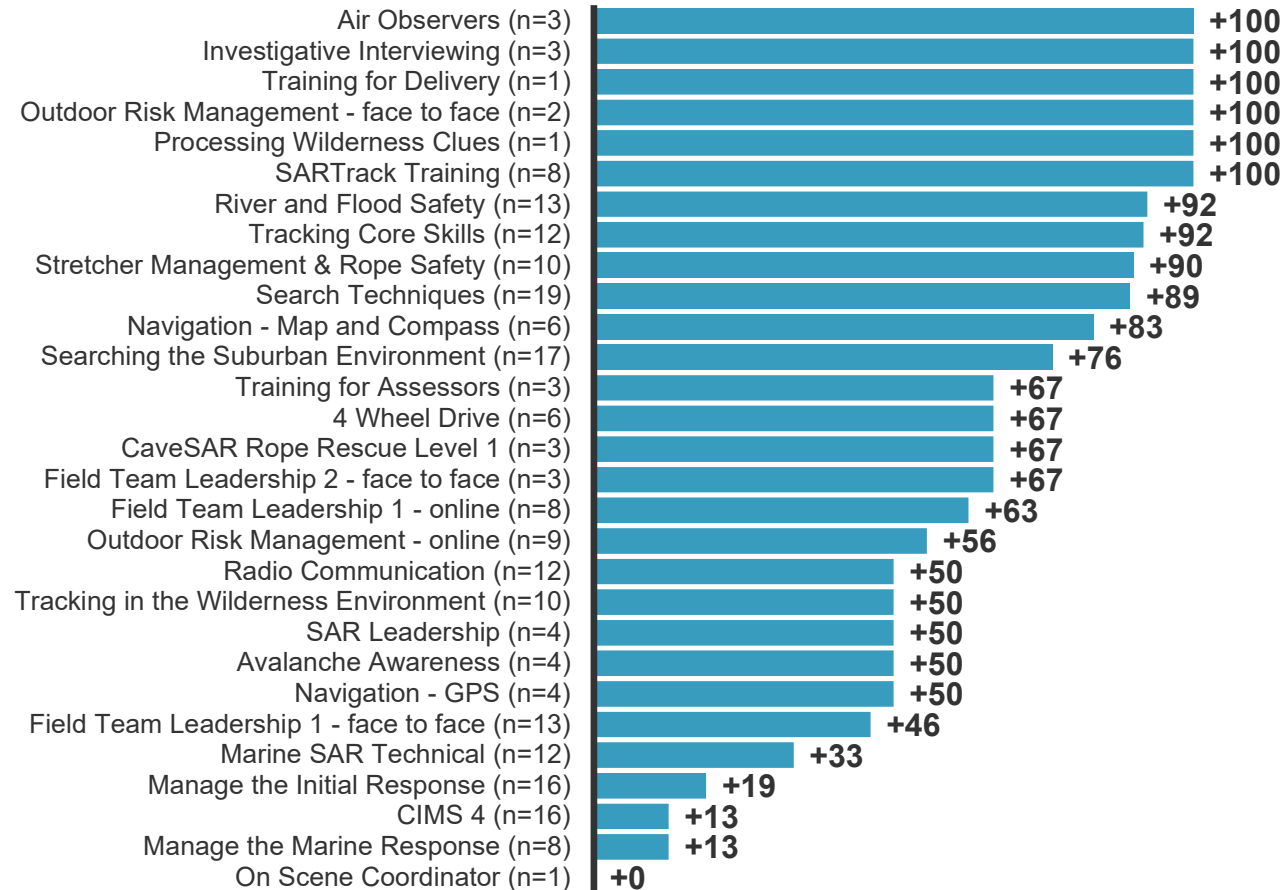
📊 How likely are you to recommend the [INSERT MOST RECENT COURSE] course to other SAR people? (NPS)



Bases: Varies depending on course (Overall: n=227)

# Net Promoter Score – full list

 How likely are you to recommend the [INSERT MOST RECENT COURSE] course to other SAR people? (NPS)

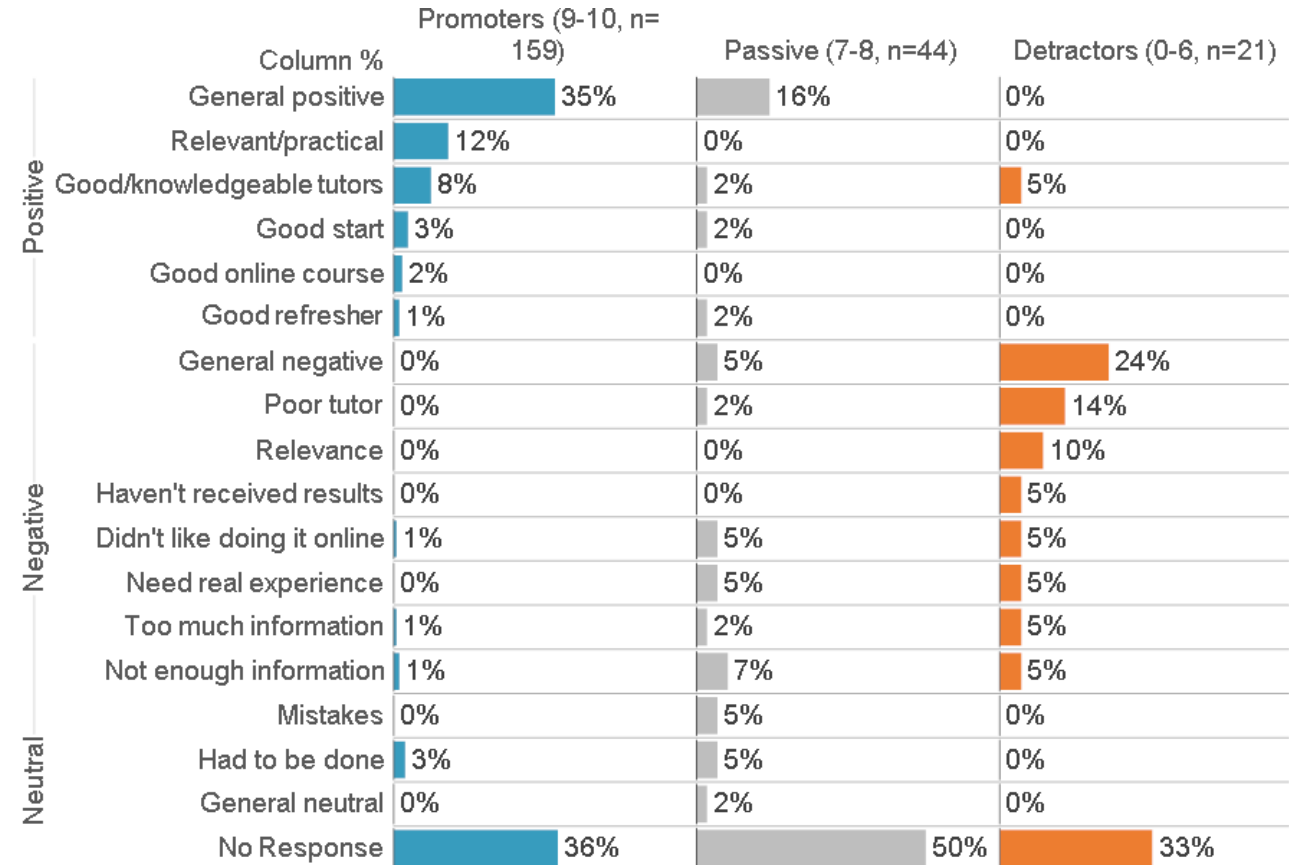


Bases: Varies depending on course (Overall: n=227)

# Net Promoter Score - reasons

- Most reasons given for the NPS score for the most recent course were non-specific.
- Amongst Promoters, the most common specific reasons given were the course being relevant and good tutors.
- The most common specific reasons amongst Detractors were also related to tutors and content relevance.
- Search Technique and Tracking in the Wilderness Environment respondents were more likely to mention good tutors (21% and 20%).
- Amongst respondents who attended the Tracking Core Skills course, there were higher mentions of the course being relevant (33%) and a good start (17%). However, there were a few more mentions of it having too much information (8%).

## What are the reasons for your recommendation score?

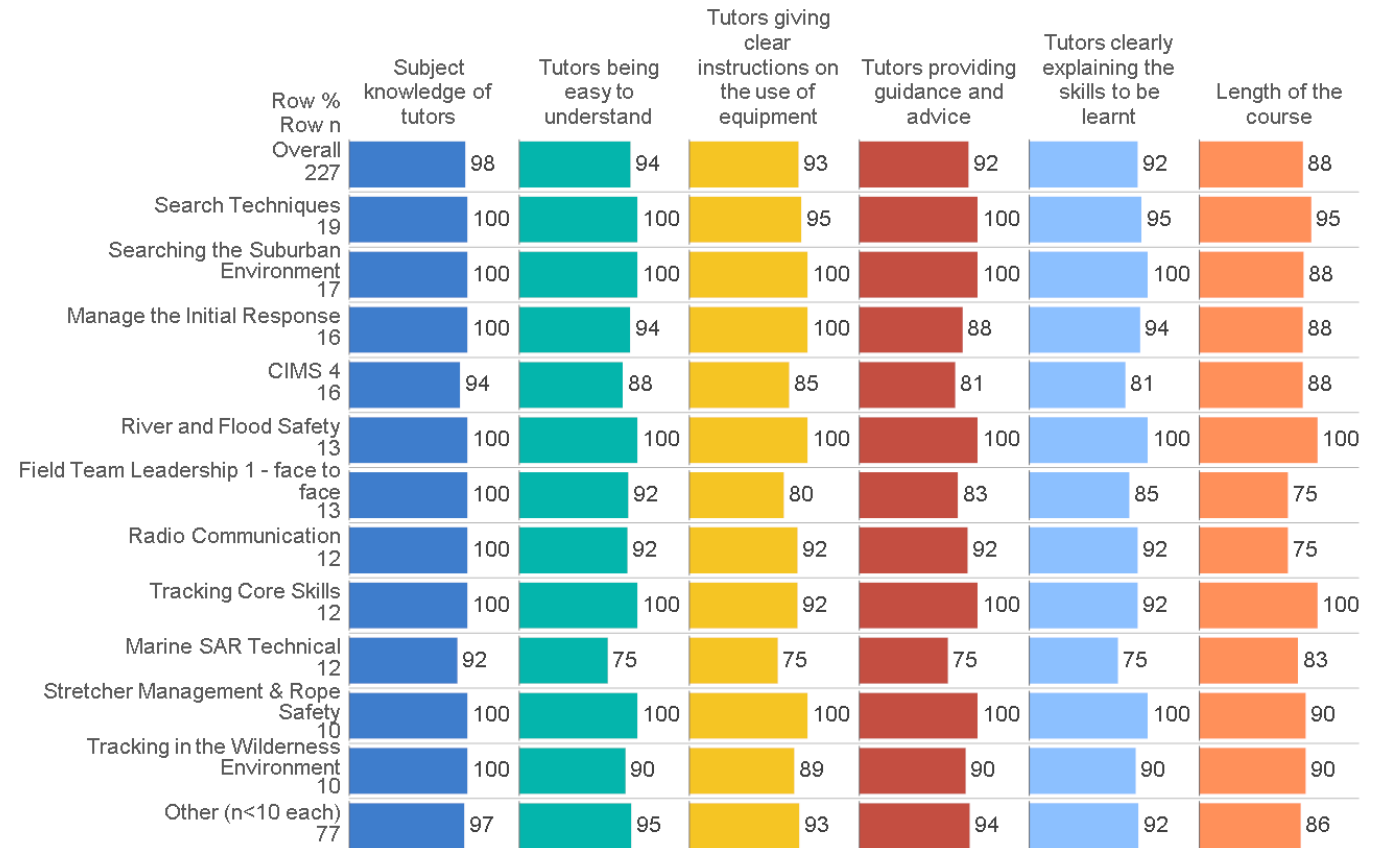


Bases: Varies depending on course (Overall: n=227)

# SAR course - tutors

- Overall, the majority of respondents were positive about the different attributes tested for each course.
- 98% said subject knowledge of the tutors was excellent or good.
- 92-94% were positive about the tutors being easy to understand, giving clear instructions, providing guidance and giving clear explanations. The length of the course was rated positively by 88%.
- CIMS 4 (n=16) had lower positive ratings for tested tutor attributes. It was significantly lower for providing guidance and advice (81%).
- Marine SAR Technical (n=12) had significantly lower positive ratings for all tested attributes.
- LandSAR courses overall (n=160, 94-100%) positively rated all the tutor attributes higher than Tai Poutini Polytechnic courses (n=67, 84-94%).

Thinking about the [INSERT MOST RECENT COURSE] course, how would you rate the (% Excellent + good)

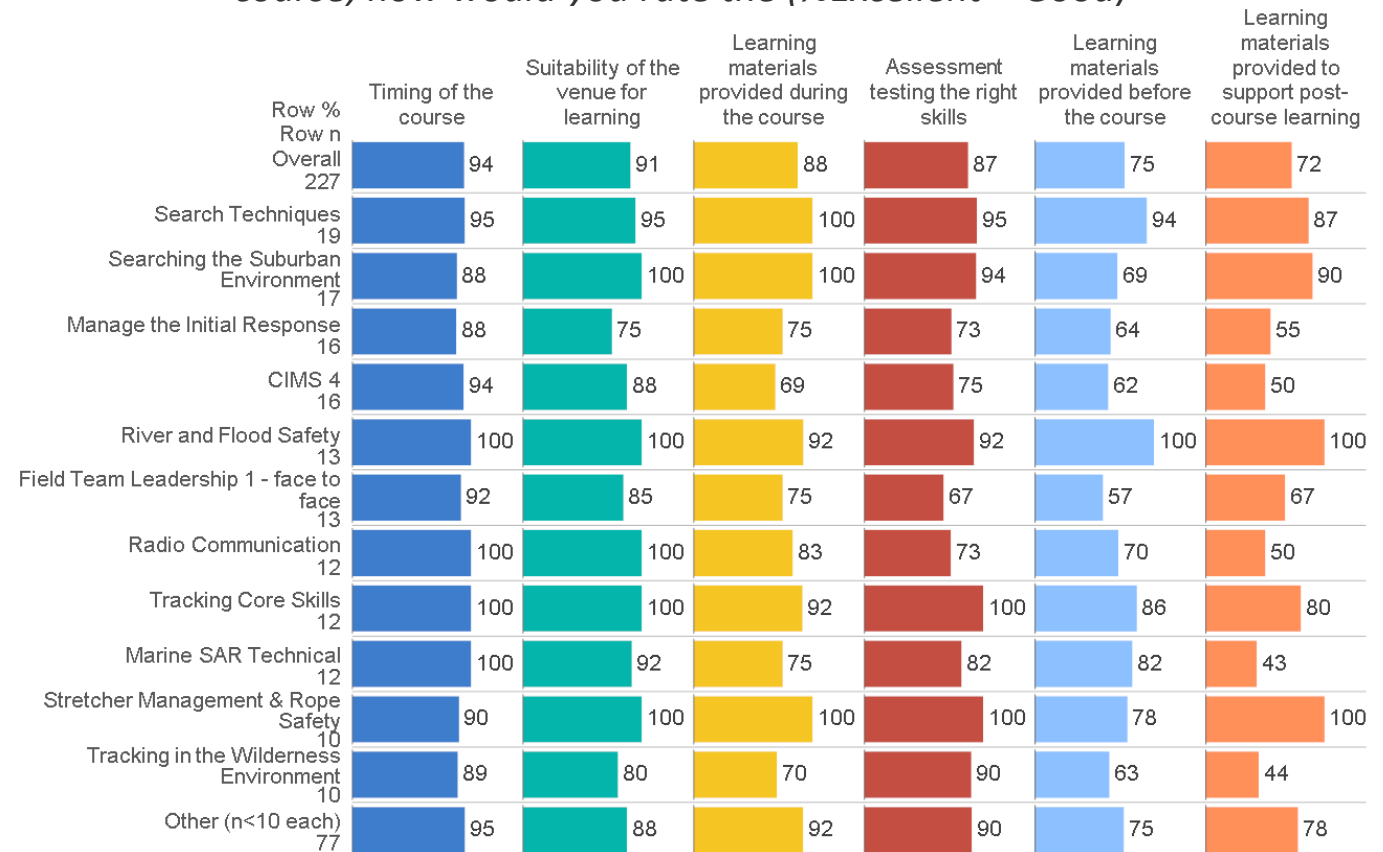


Bases: Varies depending on course (Overall: n=227), N/As excluded

# SAR course - attributes

- 94% positively rated the timing of their most recent course and 91% the suitability of the venue. 87-88% positively rated the learning materials and the assessments testing the right skills.
- Learning materials provided before the course (75%) and post the course (72%) rated slightly lower.
- Search Techniques (n=19) had higher positive ratings for the learning materials provided during the course (100%) and before the course (94%).
- Manage the Initial Response course (n=16) had lower positive ratings of the suitability of the venue (75%) and the assessment testing the right skills (73%).
- LandSAR courses (n=160) were more likely to positively rate the suitability of the venue, assessment testing the right skills and the learning material during and after the course than Tai Poutini Polytechnic courses (n=67) by 10-23%.

Thinking about the [INSERT MOST RECENT COURSE] course, how would you rate the (%Excellent + Good)

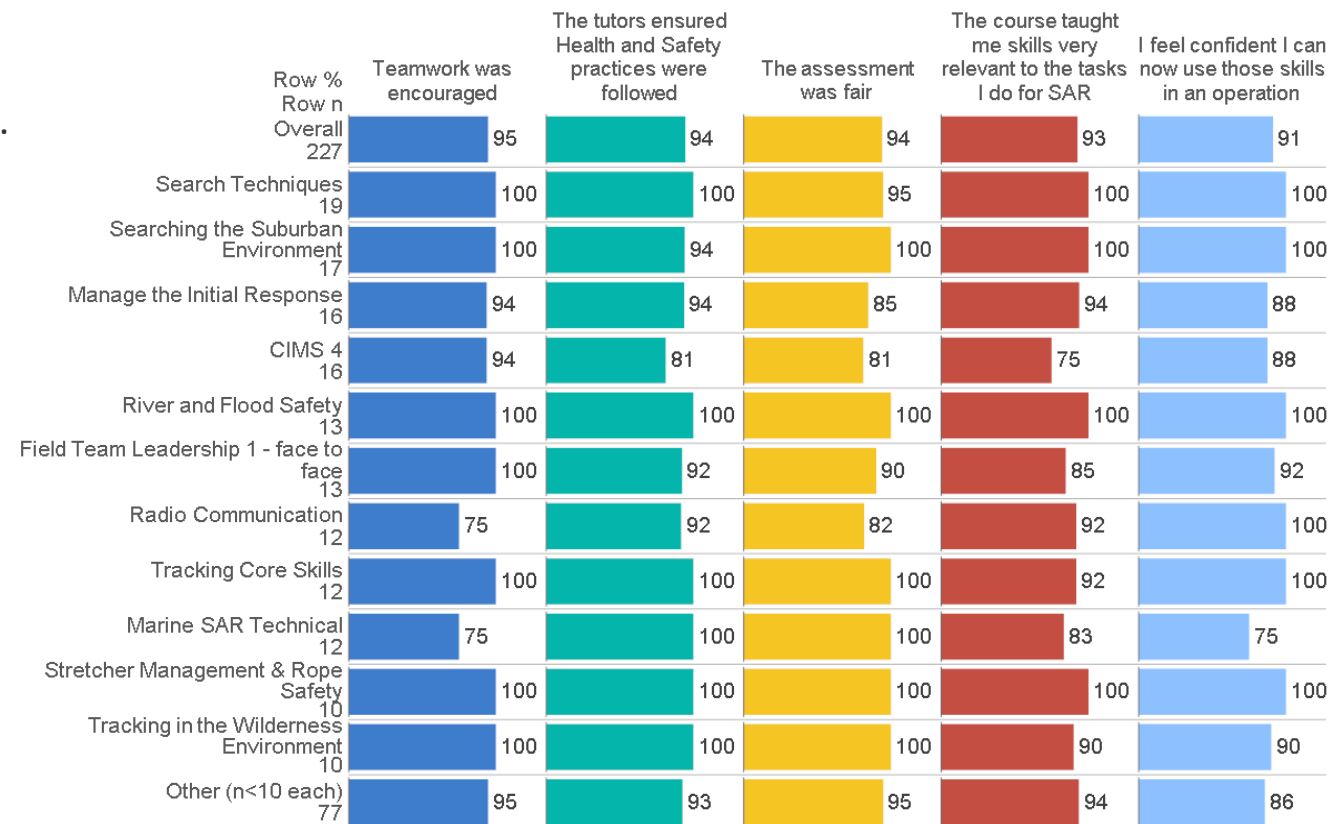


Bases: Varies depending on course (Overall: n=227), N/As excluded

# SAR course - agreement

- 95% agreed that teamwork was encouraged in their latest course. 93-94% agreed the tutors ensured health and safety were followed, the assessment was fair and the course taught very relevant skills. 91% agreed they feel confident they can now use the skills in an operation.
- CIMS 4 (n=16) had lower agreement for ensuring health and safety is followed (81%), the assessment being fair (81%) and the course teaching relevant skills (75%).
- Radio Communication (n=12) had lower agreement for teamwork being encouraged (75%) and the assessment being fair (82%).
- Marine SAR Technical(n=12) had lower agreement for teamwork being encouraged (75%) and feeling confident in using the skills taught (75%).
- LandSAR courses (n=160, 94-97%) positively rated all the attributes higher than Tai Poutini Polytechnic courses (n=67, 84-91%).

Still thinking about the [INSERT MOST RECENT COURSE] course, do you agree or disagree that (% Total agree)



Bases: Varies depending on course (Overall: n=227), N/As excluded

# Anything expected to learn that wasn't covered

Course	Comments
Tai Poutini Polytechnic	
Air Observers	<ul style="list-style-type: none"> <li>• Ideally, the instructor would ride along with the course participants on the aerial component of the course.</li> <li>• I thought there may have been more focus on Halo. However, I believe there is a separate course for this?</li> </ul>
CIMS 4	<ul style="list-style-type: none"> <li>• As it was outlined as a SAR course by the tutor, SAR material would be good. An assessment material that matched the assessment would be nice. The material presented was old material.</li> <li>• I did the CIMS 4 course through work, so it was targeted to council civil defense rather than SAR where I'm a field team member rather than involved in the IMT.</li> <li>• Have workbook version same as the assessment.</li> <li>• Could have been a lot more attention to SAR operations. This was a generalised course and, whilst interesting, did not have specific application to SAR.</li> </ul>
Investigative Interviewing	<ul style="list-style-type: none"> <li>• Phone interviewing.</li> <li>• Dealing with an unreliable subject. But that is a lengthy course by itself.</li> </ul>
Manage the Initial Response	<ul style="list-style-type: none"> <li>• SARTrack.</li> <li>• Actual relevance to the functions i.e. planning and Intel, ops, logs.</li> </ul>
Marine SAR Technical	<ul style="list-style-type: none"> <li>• I expected a lot more detail on search area determination.</li> </ul>
SAR Leadership	<ul style="list-style-type: none"> <li>• Previous course I did 15 years ago was better.</li> <li>• I thought it was going to be a full-on, more adventurous weekend. So put into more actual scenarios not just role playing.</li> </ul>
Training for Assessors	<ul style="list-style-type: none"> <li>• What a "Pass" looks like - but I do understand why this can't be taught</li> </ul>
LANDSAR	
4 Wheel Drive	<ul style="list-style-type: none"> <li>• Different terrains for practical. We just had sand on very easy tracks and one hill to practice on. Tutor had not done a recce of the area prior.</li> <li>• Recovery techniques; go over what vehicles you actually have. (Not written in book) and most of first day theory, which should be culled. Get people to do it prior to course so two days practical.</li> </ul>
Avalanche Awareness	<ul style="list-style-type: none"> <li>• Bit more crampons experience but no snow can't be helped.</li> </ul>
Field Team Leadership 1 - face to face	<ul style="list-style-type: none"> <li>• Different leadership styles.</li> </ul>
Navigation - GPS	<ul style="list-style-type: none"> <li>• Altitude.</li> <li>• Everyone in the group brought something to the table.</li> </ul>
River and Flood Safety	<ul style="list-style-type: none"> <li>• Self rescue when start floating down on your own. If there is any way?</li> </ul>
SARTrack Training	<ul style="list-style-type: none"> <li>• Lots, unless this process/programme is run often, the complexities are lost in the fog of computer complexity!</li> </ul>
Searching the Suburban Environment	<ul style="list-style-type: none"> <li>• Didn't do interviewing element due to Covid.</li> </ul>
Stretcher Management & Rope Safety	<ul style="list-style-type: none"> <li>• More advanced rope management.</li> </ul>
Tracking Core Skills	<ul style="list-style-type: none"> <li>• how to sniff a footprint.</li> </ul>
Tracking in the Wilderness Environment	<ul style="list-style-type: none"> <li>• More aging of prints.</li> </ul>

# Anything that should not have been included

Course	Comments
Tai Poutini Polytechnic	
CIMS 4	<ul style="list-style-type: none"> <li>• 2nd edition assessment material.</li> <li>• Maybe the bit identifying features of a river (e.g. stoppers, eddies) could have been done looking at the river instead of in book.</li> </ul>
Manage the Initial Response	<ul style="list-style-type: none"> <li>• More focus specifically on SAR scenarios.</li> </ul>
LANDSAR	
4 Wheel Drive	<ul style="list-style-type: none"> <li>• Winching.</li> <li>• Driving practice in different terrains e.g. mud, sand, hills rivers, tracks etc.</li> <li>• So much theory.</li> </ul>
Field Team Leadership 1 - face to face	<ul style="list-style-type: none"> <li>• Too much team building when training without our group members rather than leadership skills.</li> </ul>
Outdoor Risk Management - online	<ul style="list-style-type: none"> <li>• Lots, at least if it were to be useful within the short time frame and delivery mechanism. Also having multiple models presented to us for the one concept seemed especially unhelpful.</li> </ul>
Radio Communication	<ul style="list-style-type: none"> <li>• Two moderators who made the tutors less relaxed, knowing they were being assessed/moderated.</li> <li>• Some information was superfluous and not practical. Better suited for HAMS operators etc.</li> <li>• More well explained and organised activities and tasks to put skills in practice.</li> </ul>
River and Flood Safety	<ul style="list-style-type: none"> <li>• The classroom section was too long-winded and resources to learn from seemed very basic.</li> </ul>
SARTrack Training	<ul style="list-style-type: none"> <li>• Half of it!</li> </ul>
Search Techniques	<ul style="list-style-type: none"> <li>• Not sure clock method or grid searching are necessary.</li> </ul>



# SAR Courses generally



# Summary

- A majority said the best thing about training in search and rescue was the learning from experienced tutors (71%) and learning new skills (also 71%).
  - Another two-thirds selected being ready to assist in operations.
- When asked what other skills they needed to learn next, 8-12% each mentioned searching, tracking, leadership and CIMS.
  - 8% said they have a lot skills they needed to learn.
- Respondents were asked for any other comments. About a quarter elected to comment and a selection of most of these are outlined on slides at the end of this section, split by agency.
  - Several respondents praised the courses, though some specific negative themes did emerge including; outdated material, courses being cancelled and venues not being in a convenient location.

# Best thing about training in SAR

- 71% each said the best thing about training in search and rescue was the learning from experienced tutors and learning new skills.
- Around two thirds said being ready to assist in operations (67%) and working in a team (62%).
- Just over half (52%) said the best thing was gaining confidence and 37% said learning from other agencies.
- Respondents active in Marine/water operations (n=63) were less likely to mention learning from experienced tutors (60%) and working in a team (49%), while they were more likely to mention learning from other agencies (48%).
- Respondents active in Land Operations (n=168) and Group Training (n=173) were more likely to mention learning from experienced tutors (74%/75%) and working in a team (68%/65%).

Q What is the best thing about training in search and rescue? (%)



Bases: All (n=251)

# Other skills

- Overall, 36% of respondents were unsure if there were any other skills they needed to learn next.
- 8-12% mentioned searching, tracking, leadership and CIMS skills.
- Another 8% mentioned there were a lot of skills they needed to learn.
- Other skills mentioned were First Aid, Navigation, water, IMT and ropes (3-6%).
- LandSAR nominated respondents (n=180) were more likely to mention tracking (14%), First Aid (9%) and Navigation (7%).
- Police nominated respondents (n=22) were more likely to mention Marine tracking (18%) and Coastguard were more likely to mention CIMS (22%).

What other SAR skills do you need to learn next? (% coded)



Bases: All (n=251)

# Comments - LandSAR



*Do you have any comments or issues around SAR training courses that you think need to be addressed?  
(random selection of from respondents nominated by LandSAR)*

## Comments

- The currency, validity of material presented.
- If we NEED 3 to be deployable....those 3 should be priority and easy to get new folks on.
- I wonder if tutors should come to teach groups, as they are where they are.
- Better accommodation options and food daily allowance of \$25 needs to be revised.
- I think a bit more clarity on timing of courses - we have to squeeze them in around other life ,so running late or unclear timings create problems for attendees.
- keep up the good work; more and larger sarex inter group training could be useful.
- Excellent standard of courses. Very impressed.
- At the more advanced levels, I feel some of the tutors do not have adequate subject matter knowledge. One tutor was very good the other was a poor tutor.
- Yes, the 3-week lockdown prior to course start is unnecessary and not realistic for volunteers. Sometimes people become available to attend a course a week before and they cannot be added. There is a huge admin team now in LandSAR training and they could be more flexible to allow courses which run only once a year to be filled up with volunteers.
- Not running course due to being short one or two people
- Catering for dietary requirements is average at best. Not very inclusive.
- Thank you for carefully organising the course. All details are well look after. We appreciate the tutors open minded friendly approach. They never put us down, always encourage us to go for it.
- Stop cancelling the operational tracking course.
- No, tutors have always been of extremely high quality, lessons well planned, information great.
- Looking at a wider region and not having different courses on same weekend, so ability to get needed training within wider region is possible.
- They all happen at a weekend.
- They are sometimes not in our area or reasonably close so have to wait to attend.
- More First Aid courses please.
- Having engaged participants. Have previously attended courses where other participants are not engaged or taking the course seriously.
- "SAR competency should be based on experience. Courses are only a part of that experience. It would be interesting to ask what percentage ?"
- Pre course information is not always accurate.

# Comments – other agencies



*Do you have any comments or issues around SAR training courses that you think need to be addressed?  
(All comments from respondents nominated by agencies other than LandSAR)*

Agency	Comments
NZ Police	<ul style="list-style-type: none"> <li>• Was enrolled in 2 x ESP and On Scene Coordinators courses but they all got cancelled. I realise that this is unavoidable, however.</li> <li>• More courses run locally, depending on the required numbers attending obviously.</li> <li>• On SAR leadership, one of the instructors had very limited SAR experience, which I thought was a bit odd.</li> <li>• CIMS 4 was very disjointed. It did not seem to run in a clear, sequential order. New CIMS 4 guidelines not fully incorporated into course?</li> <li>• In relation to the Marine course, I believe that the providers could use a lot more case studies of previous marine SARS - what went well, what didn't go well etc. Examples of what information police initially received and then subsequently what actually did happen etc.</li> <li>• Some of the courses do have slides in the order that the trainers go through them or the order the assessment.</li> </ul>
Coastguard	<ul style="list-style-type: none"> <li>• Need to improve admin and online course.</li> <li>• Tutors should be actively involved or at least be current in the SAR field they work in.</li> <li>• Not really, I think the balance is good.</li> <li>• Some of the 2 to 3 day courses attended could have been more concise and time efficient and easily condensed into 1 day of learning.</li> </ul>
Surf Life Saving NZ	<ul style="list-style-type: none"> <li>• Post-course quick reference material that can be added to go bags.</li> <li>• I believe that there should be the option to provide feedback at the completion of courses so that the performance of the instructor can be evaluated.</li> <li>• Keep them up to date.</li> <li>• The development of a 1 day refresher course available for all topics/qualifications.</li> <li>• Use the correct version of the manual.</li> <li>• I'm absolutely sick of courses getting cancelled at late notice. It's such a pain to have to arrange leave at work and then the course not run. Seems to happen every year and it makes progressing through the SAR framework very difficult when prerequisite courses keep getting cancelled!</li> </ul>