

NEW ZEALAND POLICE

SEARCH AND RESCUE ANNUAL STATISTICS REPORT



2003/2004

Table of Contents

<u>Foreword</u>	3
<u>NRCC Operational Overview</u>	4
<u>Operational Overview</u>	5
<u>District Totals</u>	6
<u>District Totals Breakdown By Month</u>	8
<u>Main Recreational Activity Totals</u>	9
<u>Totals Of Operations By Problem Types</u>	11
<u>Subjects By Gender And Age Groups</u>	13
<u>Summary Report On % Of Victims As Tourists</u>	14
<u>Nature Of Delay By District</u>	15
<u>Fatalities Report</u>	16

FOREWORD

2003 – 2004 SAR STATISTICS

This is the first year the Police Annual Search and Rescue Statistics have been collated from the electronic data collection form on Police Lotus Notes. The continued development of this form will enable more accurate statistics to be recorded with more data on lost person behaviour able to be captured. An 18% increase in recorded search and rescue (SAR) activity for the past year may indicate that statistics are being captured at a higher rate, that SAR incidents have increased or both.

The statistics for 2003 2004 give the following highlights:

- 652 class two land search and rescue incidents
- 632 class two marine search and rescue incidents
- 1309 persons were assisted during land and marine incidents
- \$943,816 were spent delivering class II land incident response
- \$456,706 were spent delivering class II marine incident response
- \$32,240 were spent by Police delivering class III land incident response
- \$8,115 were spent by Police delivering class III marine incident response

The Search and Rescue environment is changing with the development of the Search and Rescue Council, Secretariat and Rescue Co-ordination Centre New Zealand. These organisations will have a beneficial effect on Search and Rescue within New Zealand.

Geoff Logan
Coordinator: Search and Rescue
Office of Commissioner

NATIONAL RESCUE COORDINATION CENTRE (NRCC)

SEARCH AND RESCUE PERFORMANCE SUMMARY

SAR Incident Report for the period 1 July 03 - 30 June 04

(Provided by Civil Aviation Authority)

Search & Rescue	1. Number of SAR incidents responded to	849
	2. Number of SAR missions undertaken	28
	3. Percentage of SAR operations that are successfully concluded (refer to note)	100%
	4. ISO Certification of National Rescue Co-ordination Centre	Maintained
	5. Percentage of SAR incidents responded to within ten minutes of notification	100%

*Demand driven or reactive

Notes A search and rescue operation is successful when:

- i) information is obtained that the ship, aircraft, other craft or persons who are the subject of the SAR incident are no longer in distress; or
- ii) the ship, aircraft, other craft or persons for whom SAR unit are searching have been located and the survivors rescued.

Operational Overview

Class 2 Operations

LAND	652	51%
MARINE	632	49%
Total for Class 2	1284	100%

Class 3 Operations

LAND	18	72%
MARINE	6	24%
Not categorized	1	4%
Total for Class 3	25	100%

Total 1309

District Totals

District	Class	LAND	MARINE	TOTAL
AUCKLAND CITY	CLASS 2	9	28	37
AUCKLAND CITY	CLASS 3	0	0	0
AUCKLAND CITY	TOTAL	9	28	37
BAY OF PLENTY	CLASS 2	74	113	187
BAY OF PLENTY	CLASS 3	4	0	4
BAY OF PLENTY	TOTAL	78	113	191
CANTERBURY	CLASS 2	84	58	142
CANTERBURY	CLASS 3	1	0	1
CANTERBURY	TOTAL	85	58	143
CENTRAL	CLASS 2	86	48	134
CENTRAL	CLASS 3	2	1	3
CENTRAL	TOTAL	88	49	137
COUNTIES/MANAKAU	CLASS 2	11	16	27
COUNTIES/MANAKAU	CLASS 3	0	0	0
COUNTIES/MANAKAU	TOTAL	11	16	27
EASTERN	CLASS 2	21	20	41
EASTERN	CLASS 3	0	0	0
EASTERN	TOTAL	21	20	41
NORTH SHORE/WAITAKERE	CLASS 2	16	43	59
NORTH SHORE/WAITAKERE	CLASS 3	0	0	0
NORTH SHORE/WAITAKERE	TOTAL	16	43	59

District	Class	LAND	MARINE	TOTAL
NORTHLAND	CLASS 2	16	51	67
NORTHLAND	CLASS 3	0	0	0
NORTHLAND	TOTAL	16	51	67
SOUTHERN	CLASS 2	157	80	237
SOUTHERN	CLASS 3	4	2	6
SOUTHERN	TOTAL	161	82	243
TASMAN	CLASS 2	99	35	134
TASMAN	CLASS 3	7	2	9
TASMAN	TOTAL	106	37	143
WAIKATO	CLASS 2	11	48	59
WAIKATO	CLASS 3 (NOT KNOWN) 1	1	1	2
WAIKATO	TOTAL (NOT KNOWN) 1	12	49	61
WELLINGTON	CLASS 2	68	92	160
WELLINGTON	CLASS 3	0	0	0
WELLINGTON	TOTAL	68	92	160
Grand Total:	(NOT KNOWN) 1	671	638	1309

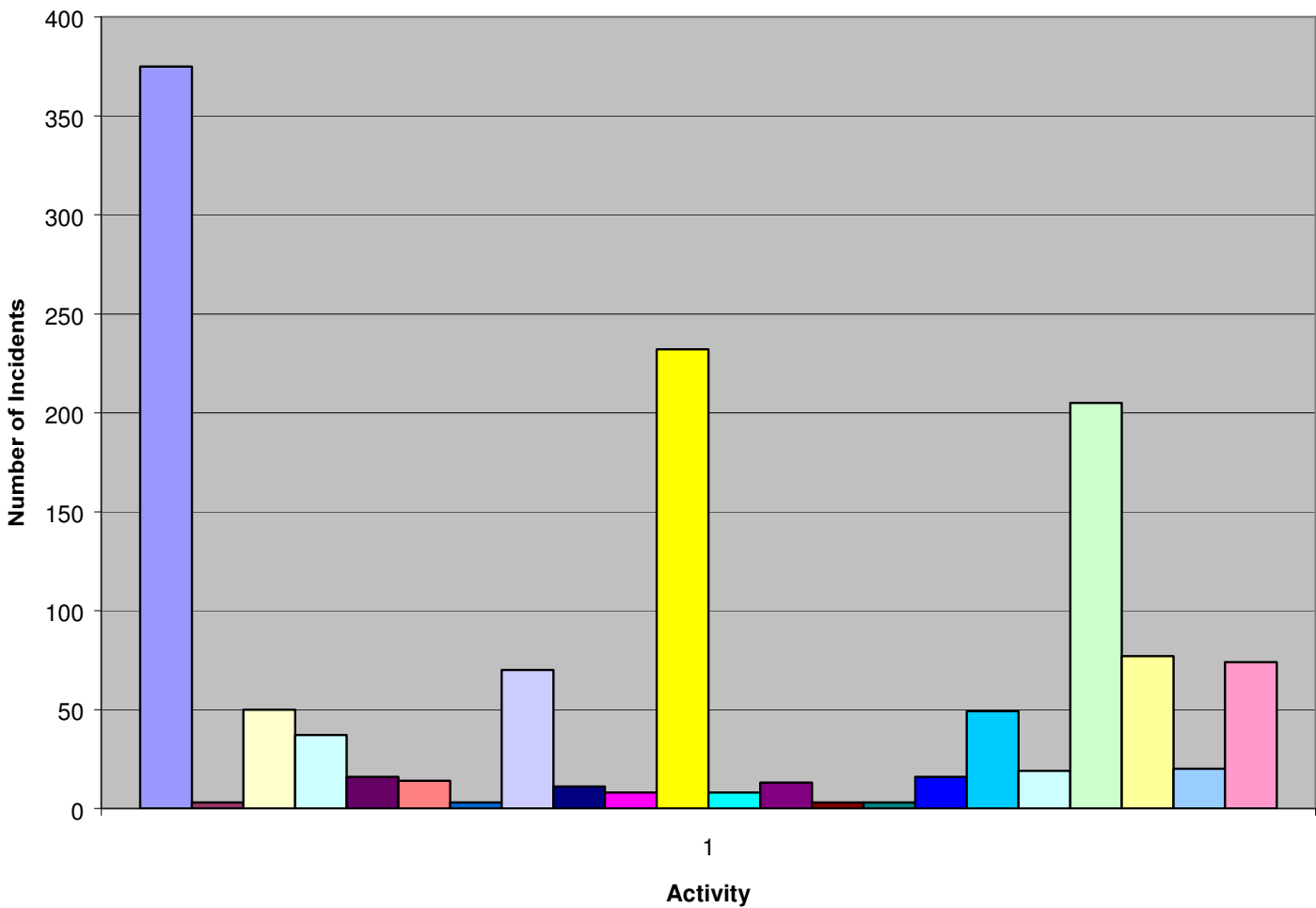
District Totals Breakdown by Month

District Name	Total	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
AUCKLAND CITY	37	3	2	5	1	2	3	5	4	2	3	1	6
BAY OF PLENTY	191	10	12	14	10	14	22	30	25	11	18	9	15
CANTERBURY	143	5	8	8	14	12	33	20	12	13	10	5	3
CENTRAL	137	9	15	12	9	10	11	22	15	8	12	10	4
COUNTIES/MANAKAU	27	0	2	2	2	5	4	4	3	0	3	1	1
EASTERN	41	4	5	4	1	4	4	5	6	2	0	5	1
NORTH SHORE/WAITAKERE	59	2	8	5	5	7	5	6	8	4	5	1	3
NORTHLAND	67	3	5	1	6	1	16	7	7	3	7	8	2
SOUTHERN	243	1	20	18	19	17	26	38	23	33	25	11	11
TASMAN	143	17	8	12	7	7	14	22	20	15	10	7	4
WAIKATO	61	5	3	5	4	5	3	7	6	7	12	3	0
WELLINGTON	160	8	8	14	15	16	22	22	15	11	10	11	8
TOTAL	1309	67	96	100	93	100	163	188	144	109	115	72	58

Main Recreational Activity Totals

Activity Type	Land	Marine	Total
BOATING POWER		374	374
CANYONING	1		1
CAVING	3		3
CLIMBING	50		50
DEMENTIA	37		37
DESPONDENT	16		16
FISHING	14		14
FLYING		3	3
HUNTING	70		70
IINTELLECTUALLY IMPAIRED	11		11
KAYAKER	7		7
OTHER	98	134	232
PSYCHOTIC	8		8
RAFTING	10	3	13
RUNNER	3		3
SKIING	2		2
SNOWBOARDING	1		1
SUICIDE	16		16
SURFING		49	49
SWIMMING		19	19
TOWED ACTIVITY		1	1
TRAMPING	205		205
WALKING	77		77
WORKING	20		20
(NOT CATEGORIZED)	19	54	74
TOTAL			1324

Main Recreational Activities



Totals of Operations By Problem Type

Problem	LAND	MARINE	TOTAL
ALCOHOL SUSPECTED		6	6
COLLISION WITH OTHER VESSEL		2	2
COLLISION WITH STRUCTURE		10	10
CREW INEXPERIENCED		18	18
DARKNESS	33		33
DRUGS SUSPECTED		3	3
EQUIPMENT FAILURE	9		9
FALLING OBJECT/ AVALANCHE	14		14
FIRE		4	4
FUEL SYSTEM FAILURE		18	18
HASTE	4		4
HUMAN ERROR	197	90	287
INJURY		6	6
LACK OF FUEL		20	20
MAN OVER BOARD		35	35
MEDICAL		6	6
NATURE	14		14
NAVIGATION EQUIPMENT FAILURE		2	2
NAVIGATION ERROR		29	29
OTHER	183	164	347
OTHER PERSON	5		5

OVER RELIANCE IN			
ELECTRONICS		2	2
PROPULSION/ENGINE			
FAILURE		84	84
SEA SICK		3	3
SELF INFLICTED	52		52
SKIPPER INEXPERIENCED		24	24
UNKNOWN	39		39
VESSEL EQUIPMENT			
FAILURE		42	42
VESSEL STRUCTURE			
FAILURE		22	22
VESSEL UNSUITABLE			
FOR VOYAGE		15	15
WEATHER	61		61
WEATHER TOO LIGHT		9	9
WEATHER TOO SEVERE		108	108
(NOT CATERGORIZED)	60	85	145
Grand Total:	671	807	1478

Subjects By Gender and Age Groups

FEMALE

Age Unknown	30
0 to 9	5
10 to 19	32
20 to 29	52
30 to 39	29
40 to 49	15
50 to 59	23
70 to 79	6
60 to 69	13
80 to 89	5

TOTAL FEMALES 210

MALE

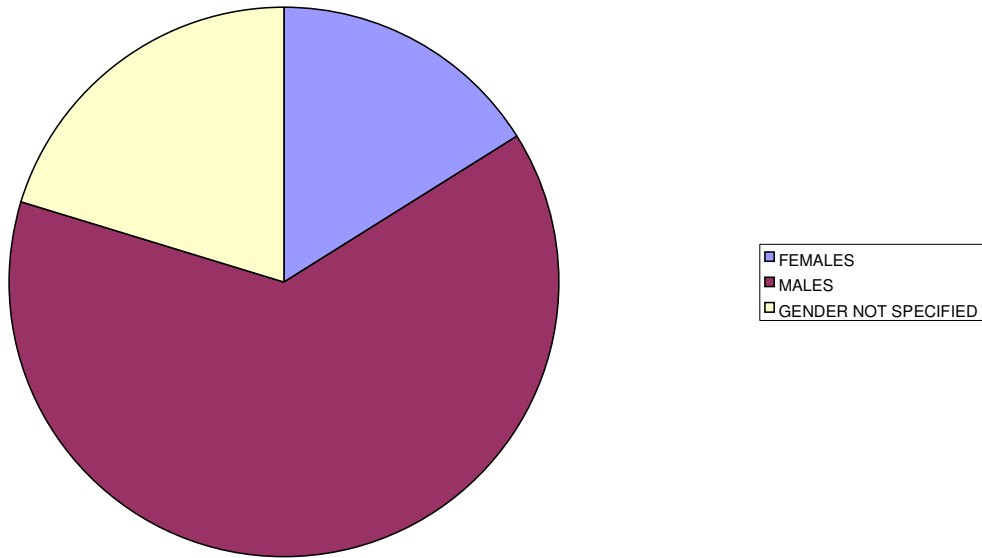
Age Unknown	143
0 to 9	10
10 to 19	62
20 to 29	138
30 to 39	147
40 to 49	143
50 to 59	82
60 to 69	63
70 to 79	34
80 to 89	12
90 to 99	1

TOTAL MALES 835

GENDER NOT SPECIFIED 264

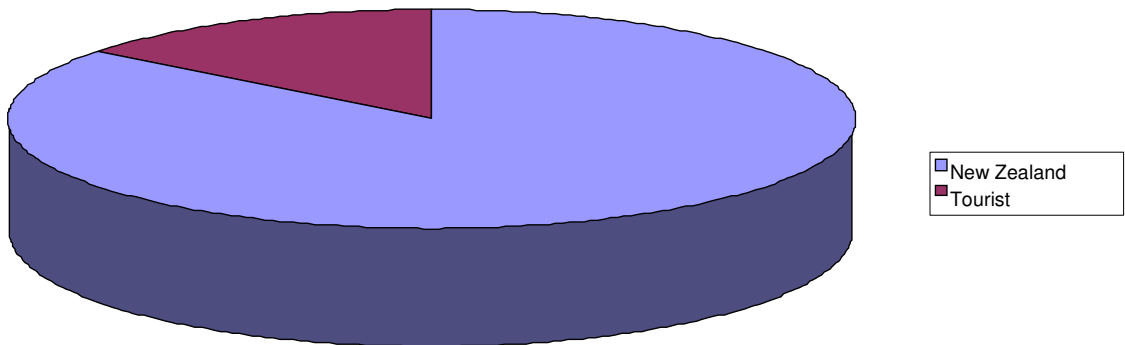
COMBINED TOTAL : 1309

MISSING PERSON BY GENDER



Summary Report on % of Victims as Tourists

NZ Resident or Tourist?	TOTAL	% of
New Zealand Resident	1121	86%
Tourist	188	14%
Total	1309	100%



Nature of Delay, by District

DISTRICT	INJURED	LOST	MEDICAL	MISSING	OVERDUE	(Not Categorised)	Total
LAND							
Auckland		3		4	2		9
Bay of Plenty	9	21	8	9	31		78
Canterbury	23	7	7	10	33	5	85
Central	22	16	7				88
Counties/Manakau	1	2		7	1		11
Eastern	2	2		4	13		21
North Shore/Waitakari	2	3		9	1	1	16
Northland		3	1	6	6		16
Southern	46	14	22	18	56	5	161
Tasman	25	12	12	17	37	3	106
Waikato	1	2		4	5		12
Wellington	16	13	8	15	13	3	68
Land Total	147	98	65	103	198	17	671
MARINE	FATAL	LOST	OTHER		OVER DUE	(Not Catergorised)	
Auckland	1	4	23				28
Bay of Plenty	3	5	91		14		113
Canterbury	2	4	48		2	2	58
Central	3	3	35		6	2	49
Counties/Manakau			10		6		16
Eastern	2	1	15		1	1	20
North Shore/Waitakari	2	3	32		6		43
Northland	3	9	33		6		51
Southern	4		65		10	3	82
Tasman	1	1	31		4		37
Waikato	2	5	40		2		49
Wellington	1	2	84		3	2	92
Marine Total	24	37	507	0	60	10	638
TOTAL							1309

Fatalities Report (Total 83 Fatalities)

Land (49)

Date	Gender	Age	Target Group	Problem Type	District Name
28.06.2003	Male	17		Human Error	Canterbury
08.07.2003	Male	42		Unknown	Tasman
23.07.2003	Male	51		Human Error	Central
23.07.2003	Male	72		Self inflicted	Eastern
12.08.2003	Male	38	Adventure Consultants	Other	Tasman
12.08.2003	Male	43		Other	Bay of Plenty
15.08.2003	Female	57		Self Inflicted	Canterbury
19.08.2003	Male	57		Self Inflicted	Bay of Plenty
06.09.2003	Male			Unknown	Central
09.09.2003	Female	6		Other Person	Wellington
23.09.2003	Male	49	Private Group	Other	Tasman
29.09.2003	Male	30		Unknown	North Shore/ Waitakere
30.09.2003	Male	49		Self inflicted	Counties/ Manukau
04.10.2003	Female	18		Other Person	Waikato
09.10.2003	Male	24	Group	Weather	Tasman
18.10.2003	Unknown			Unknown	Canterbury
26.10.2003	Male	46	Hunters	Other	Central
01.11.2003	Male	70		Other	Tasman
06.11.2003	Male	40		Human Error	Southern
16.11.2003	Male	50		Self Inflicted	Eastern
05.12.2003	Male	28	Wakatipu Aero Club	Unknown	Southern
22.12.2003	Male	40		Self Inflicted	Counties/ Manukau
01.01.2004	Male	59		Other	Wellington
01.01.2004	Male	34		Human Error	Southern
10.01.2004	Male	71		Other	Tasman
10.01.2004	Male	19		Self Inflicted	Southern
20.01.2004	Female	58	Group	Human Error	Central
21.01.2004	Male	77	Bishopdale Tramping Club	Other	Canterbury
31.01.2004	Male	31		Falling Object/Avalanche	Canterbury
01.02.2004	Male	20	Boy Racer	Human Error	Tasman
02.02.2004	Male	23		Other	Auckland City
05.02.2004	Male	27		Other	Canterbury
28.02.2004	Female	44		Self Inflicted	Bay of Plenty
29.02.2004	Male	54	Private		Bay of Plenty
07.03.2004	Male	67	Queenstown Rafting	Other	Southern
16.03.2004	Male	47		Human Error	Southern
30.03.2004	Male	22		Other	Canterbury
04.04.2004	Male	47		Human Error	Southern

Date	Gender	Age	Target Group	Problem Type	District Name
05.04.2004	Male	84		Human Error	Waikato
13.04.2004	Male	30		Human Error	Southern
13.04.2004	Male	30		Human Error	Southern
15.04.2004	Male	48		Self inflicted	Wellington
19.04.2004	Male	61		Self Inflicted	Southern
22.04.2004	Male	73		Other	Tasman
29.04.2004	Male	43		Self Inflicted	Northland
01.05.2004	Male	50		Human Error	Central
22.05.2004	Male	68		Other	Waikato
30.05.2004	Male	64		Unknown	Tasman
17.06.2004	Male	49		Other	Southern

Date	Gender	Age	Target Group	Problem Type	District Name
Marine (34)					
08.07.2003	Male	43		Propulsion/engine failure	Waikato
01.08.2003	Female	39			Southern
02.08.2003	Male	52	Private	Other	Central
16.10.2003	Male	52		Human error	Southern
23.10.2003	Male	32		Other	Southern
23.10.2003	Male	46		Other	Canterbury
24.10.2003	Male	63		Collision with structure	Northland
17.11.2003	Male	50	Family	Other	North Shore/ Waitakere
26.12.2003	Male	35		Human error	Canterbury
27.12.2003	Male	15	Putuaki Trust	Human error	Bay of Plenty
31.12.2003	Female			Other	Northland
08.01.2004	Male	46			North Shore/ Waitakere
17.01.2004	Male	37		Other	Central
21.01.2004	Male	44		Man over board	Southern
01.02.2004	Male	30	Work Group	Human error	Central
02.02.2004	Male	16		Other	Bay of Plenty
13.02.2004	Male	30		Human error	Eastern
13.02.2004	Male				Southern
14.02.2004	Male	35		Man over board	Wellington
15.02.2004	Male	53		Propulsion/Engine failure	Tasman
19.02.2004	Male			Weather too severe	Northland
20.02.2004	Male	40		Man over board	Northland
07.03.2004	Male	23		Human Error	Eastern
23.03.2004	Male	57		Man over board	Waikato
29.03.2004	Female	19		Collision with Structure	Tasman
29.03.2004	Female	19		Human Error	Tasman
04.04.2004	Male	40		Vessel Structure Failure	Auckland City
05.04.2004	Male	65		Injury	Northland
05.04.2004	Male	65		Man over board	Northland
16.04.2004	Male	29		Other	Waikato
31.05.2004	Male	53	Private	Navigation error	Central