

The 1983 New Zealand rock lobster landings

by
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Contents

	<i>Page</i>
Fig. 1 - Statistical areas	4
Introduction	5
Results	5
Fig. 2 - Controlled fishery areas	6
Fig. 3 - Landings of <i>Jasus edwardsii</i> and <i>J. verreauxi</i> , North and South Islands and Chatham Islands, 1945-83	7
Discussion	9
Fig. 4 - Landings statistics for <i>Jasus edwardsii</i> for each month during 1983	10
Fig. 5 - Length of coastline in each region of landing	11
Fig. 6 - Distribution of landings of <i>Jasus edwardsii</i> per vessel for each controlled fishery area, 1983	12
Table 1 - Landings of <i>Jasus edwardsii</i> and <i>J. verreauxi</i> and number of vessels, 1945-83	13
Table 2 - Landings and effort data by statistical area for <i>Jasus edwardsii</i> , 1983	14
Table 3 - Landings of <i>Jasus edwardsii</i> by controlled fishery area, 1983	29
Table 4 - Landings of <i>Jasus verreauxi</i> by statistical area, 1983	30
Table 5 - Landings of <i>Jasus edwardsii</i> and <i>J. verreauxi</i> by region of landing, 1983	31

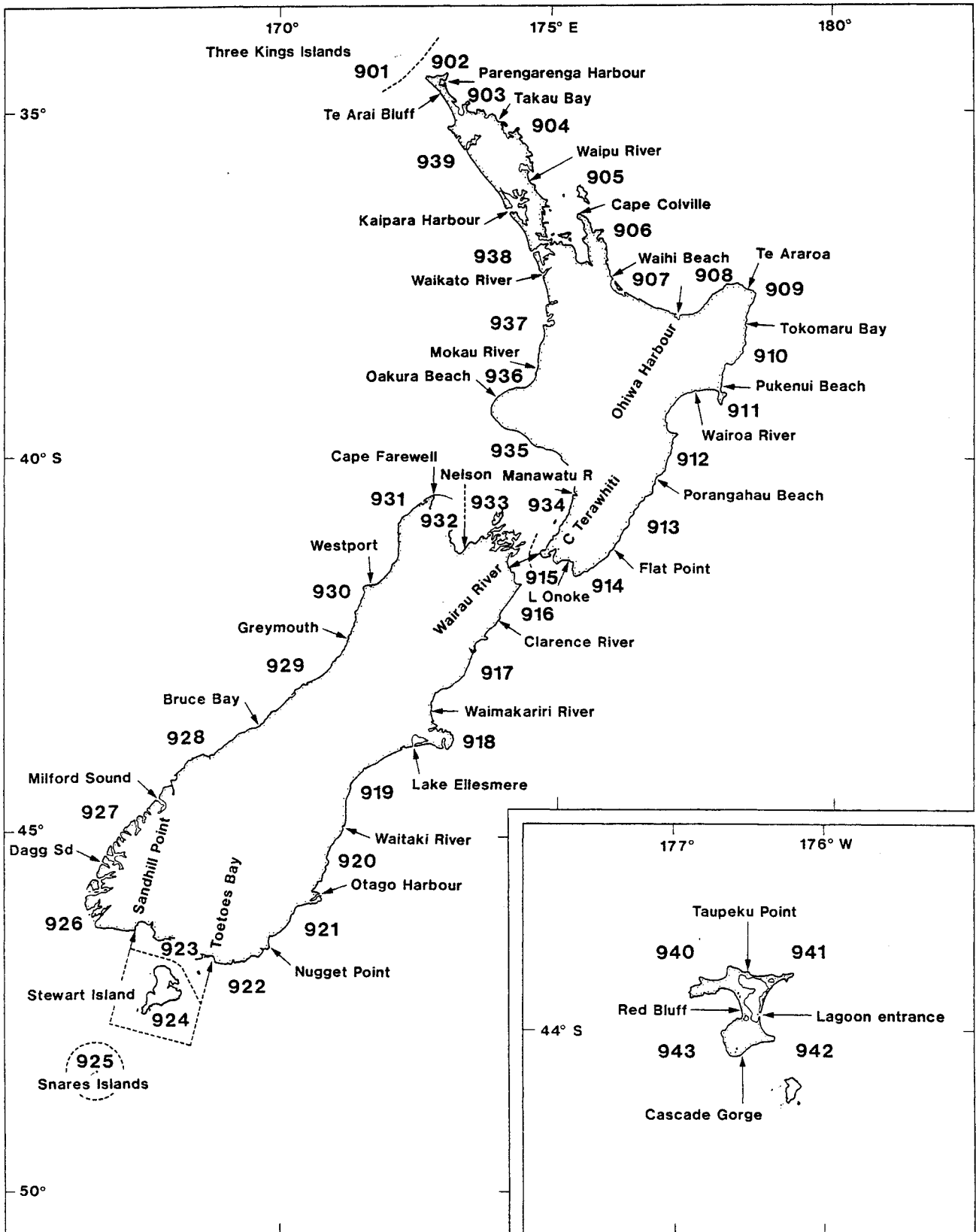


Fig. 1: Rock lobster fishing return scheme statistical areas.

Introduction

The fishery for New Zealand's two rock lobster species is the single most important domestic fishery, with export earnings of about \$54 million f.o.b. in 1983. Landings of *Jasus edwardsii* (the red or spiny rock lobster) were recorded from Three Kings Islands to Snares Islands, from both coasts of the North and South Islands, and from Chatham Islands. *Jasus verreauxi* (the green or packhorse rock lobster) accounted for less than 1% of the total rock lobster landings, and they were taken mainly from Northland and the Bay of Plenty, the highest landings being from areas 901 and 902.

The data given here are the landings declared by commercial fishermen who use pots. Rock lobsters taken by handpicking, as a by-catch from other commercial fishing methods, and by amateurs are not recorded here.

The data are grouped primarily by area fished, so that changes in landings and catch per unit of fishing effort for each area can be monitored. Landings are also grouped by region of landing to enable comparison with data in the annual *Report on Fisheries* published by the Ministry of Agriculture and Fisheries (formerly the N.Z. Marine Department) from 1945 to 1974.

Results

The New Zealand coastline (including the Chatham Islands) is divided into 43 statistical areas (Fig. 1) for the purposes of the rock lobster fishing return scheme. The rock lobster fishery is divided into 10 controlled fishery areas (Fig. 2), each made up of 2 or more of the statistical areas. Any differences between the boundaries of statistical areas and the corresponding controlled fishery areas are usually slight.

The rock lobster return form used in 1983 was changed slightly from the form used since 1979. To encourage fishermen to provide accurate and complete data, the minimum information consistent with effective monitoring

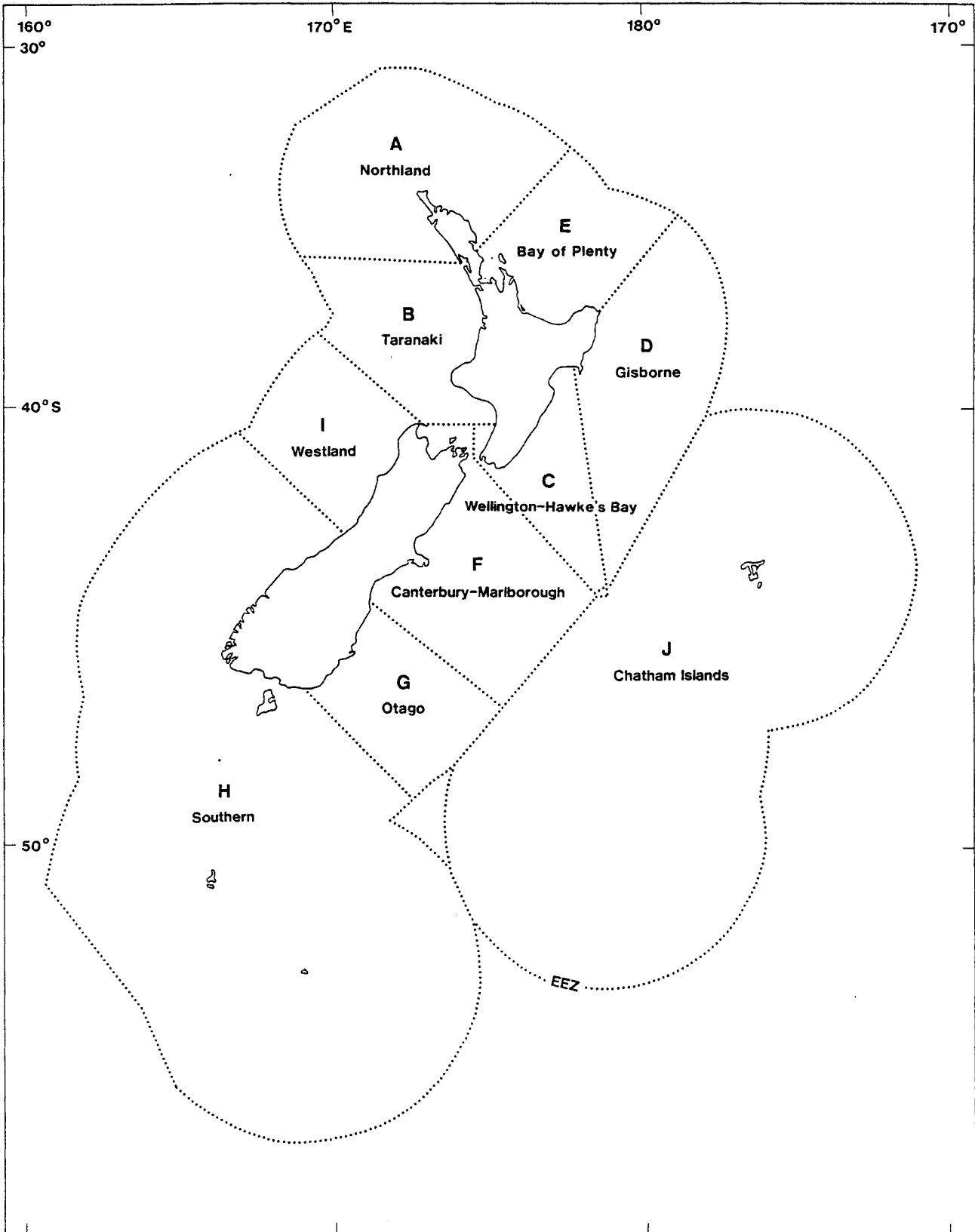


Fig. 2: Rock lobster controlled fishery areas.

of the fishery was requested. This included a monthly record of statistical areas fished, day of month fished, number of pots lifted each day, and weight of rock lobsters (whole or tail) and by-catch species landed. One additional set of information was requested; the maximum number of pots in the water at any one time during the month. The base port was no longer requested and slight changes to the layout of the form were made to improve computer data entry (and keep the forms compatible with new forms for other fishing methods).

The landed weight figures shown in the tables and figures are all whole weight values. When only tails were landed, tail weights were multiplied by three to obtain the approximate equivalent whole weights. Fishermen are permitted to tail their catch at sea and land only the tails in statistical areas 923-928 and part of area 922, which make up the Southern controlled fishery area (H). In the rest of New Zealand rock lobsters must be landed whole and alive.

Total landings of *J. edwardsii* and *J. verreauxi* are shown for the North and South Islands combined and for the Chatham Islands for each year from 1945 to 1983 in Table 1 and Fig. 3. In addition, the number of registered rock lobster vessels for each year is shown in Table 1. Before

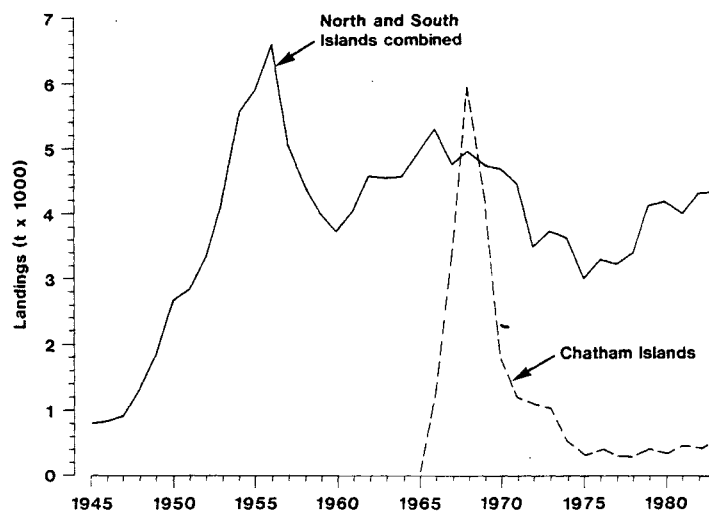


Fig. 3: Landings of *Jasus edwardsii* and *J. verreauxi* combined for North and South Islands combined and Chatham Islands during 1945-83.

the introduction of the controlled rock lobster fishery in 1980-81, the higher number of vessels included many permits that were not fully used. During 1983, returns were provided from all licensed vessels. Data for 1945-74 are from the port of landing figures in the annual *Report on Fisheries*. Data for 1975-78 are from unpublished figures from port of landing totals recorded by the Ministry of Agriculture and Fisheries. Data for 1979-83 are from fishing return forms submitted by rock lobster fishermen. The landings for 1983 are those declared on fishing return forms received and processed by 1 July 1984.

Landings and effort data for *J. edwardsii* for each month during 1983 for each of the statistical areas and the combined totals for all of New Zealand are shown in Table 2. These data have been grouped by controlled fishery area and are shown in Table 3. The columns in Tables 2 and 3 which present landed weight (kg) for returns with effort data include the landed weight figures for only those vessels which supplied data on number of days fished. There are some areas where landings data are from more than a single day's fishing because a few fishermen failed to mark each day fished and gave only the days landed or total landings for the month. Thus, in these areas there may be a slight under-recording of days fished. This is restricted mainly to the Southern fishery and is unlikely to have a significant effect on the estimates of catch rates. The estimated number of pot-lifts is calculated from the average of pots hauled per day fished (where numbers of pot-lifts were given) multiplied by total days fished. In addition, pot types and sizes are not standard around New Zealand and this may affect the average catch per pot-lift. The last column in Tables 2 and 3 (Total landed weight (kg) for all returns) includes the landed weight figures supplied for all vessels, including those without data on the number of days fished.

Total landings of *J. edwardsii*, effort, and landings per unit of effort are shown for each month during 1983 for all areas combined in Fig. 4. Landings and effort were highest during October-December and lowest during March-May.

Total landings of *J. verreauxi* and *J. edwardsii* combined by region of landing are shown in Table 5. Landings have been grouped into regions which correspond as closely as possible to the port of landing in the annual *Report on Fisheries*. As many as 40 landing points may be included in

a single region (Fig. 5). These regions or ports of landing are not good indicators of areas actually fished, especially in the south of the South Island.

The distribution of landings per vessel is shown grouped into 1-t intervals for each of the controlled fishery areas for 1983 in Fig. 6.

Discussion

Total rock lobster landings for New Zealand remained fairly constant during 1979-81 and then increased by about 5% in 1982. The total landings for 1983 increased by about 4% over the 1982 landings. Since the licensing of the rock lobster fishery in 1980-81, there has been an improvement in the statistics supplied by fishermen and this may be reflected in the 1982 and 1983 figures. However, because returns are still being submitted without all the requested effort information there are still gaps in the data available.

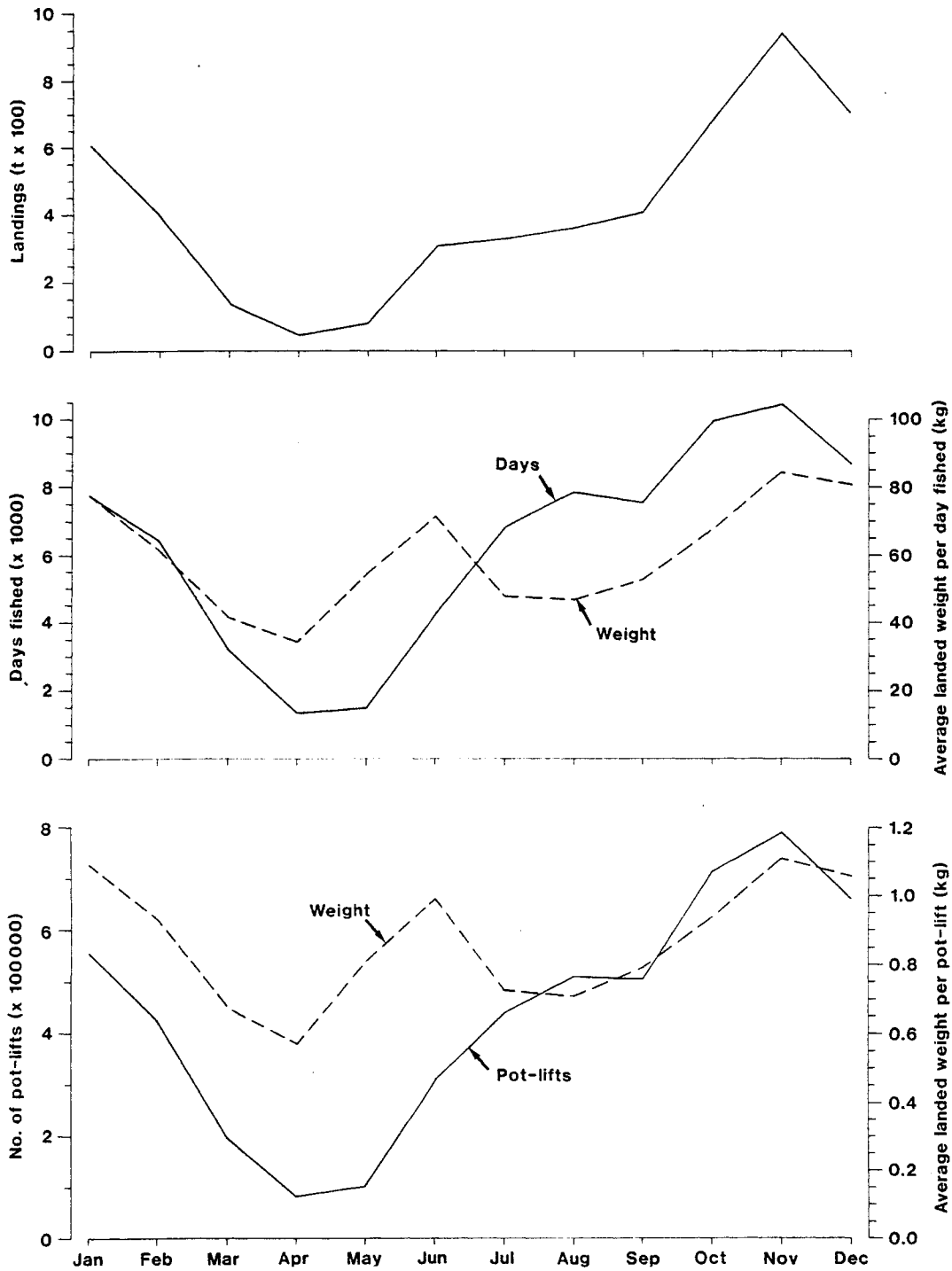


Fig. 4: Landings of *Jasus edwardsii* (whole weight), number of days fished, number of pot-lifts, average landed weight per day fished, and average landed weight per pot-lift for each month during 1983 for all areas combined.

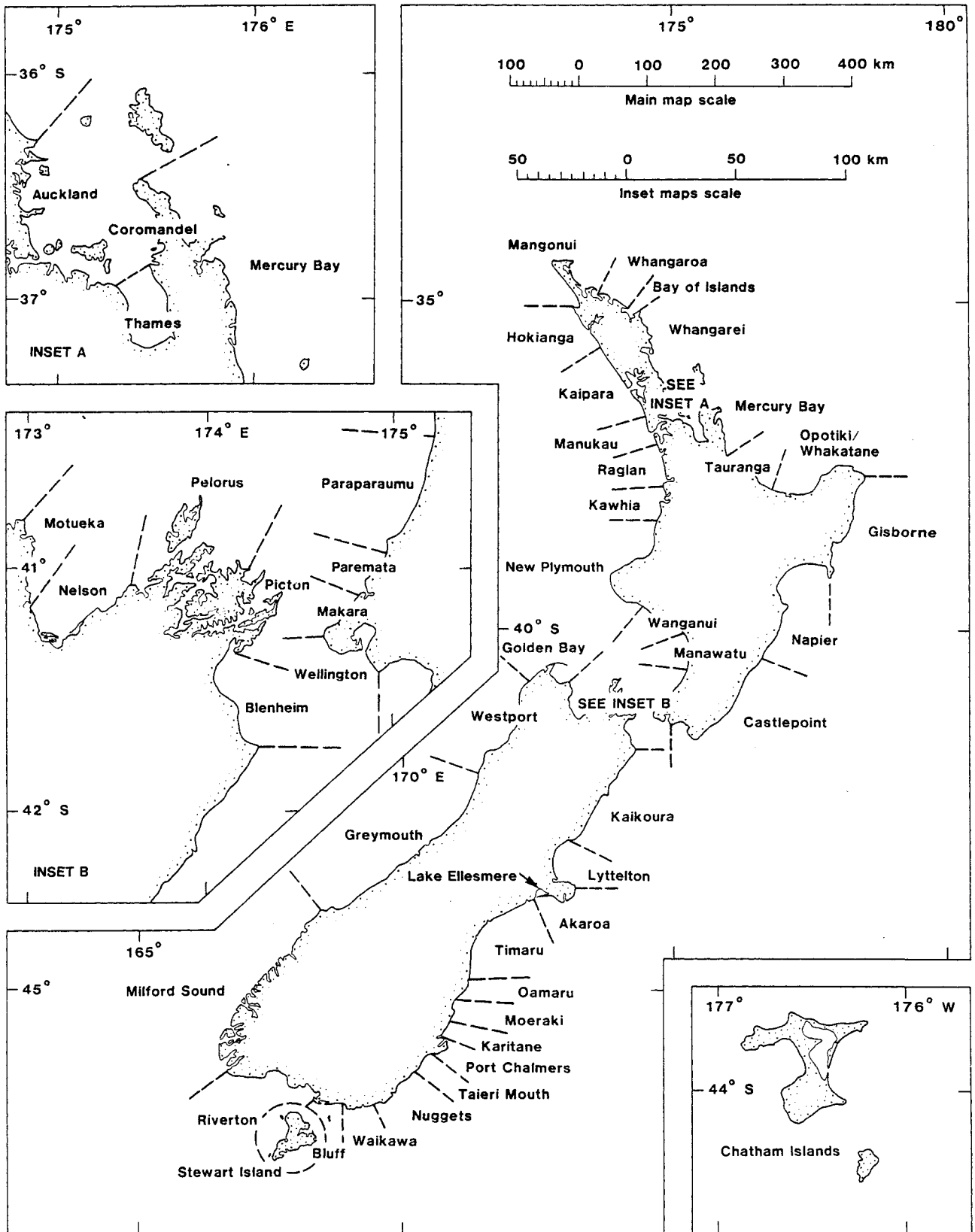


Fig. 5: Length of coastline included in each of the regions of landing shown in Table 5.

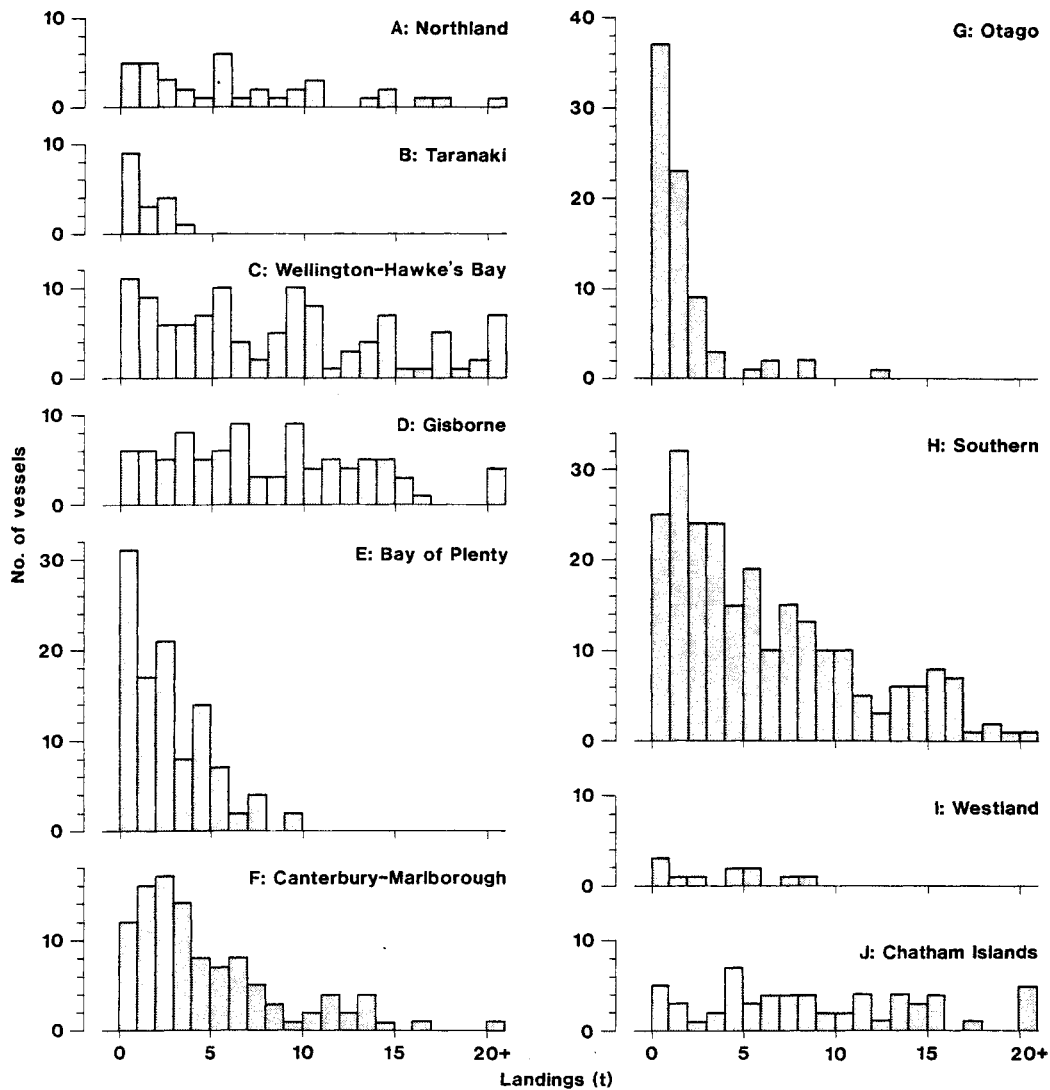


Fig. 6: Total landings of *Jasus edwardsii* per vessel for 1983 grouped into 1-t intervals for each controlled fishery area. The 0-t interval includes data from vessels which declared nil landings for the entire year.

TABLE 1: Landings (whole weight) of *Jasus edwardsii* and *J. verreauxi* combined, and number of registered rock lobster vessels during 1945-83

Year	North and South Islands		Chatham Islands		New Zealand	
	Landings (t)	No. of vessels	Landings (t)	No. of vessels	Landings (t)	No. of vessels
1945	809	90			809	90
1946	854	98			854	98
1947	919	112			919	112
1948	1 360	148			1 360	148
1949	1 872	406			1 872	406
1950	2 672	238			2 672	238
1951	2 834	471			2 834	471
1952	3 324	500			3 324	500
1953	4 160	560			4 160	560
1954	5 541	557			5 541	557
1955	5 909	551			5 909	551
1956	6 547	584			6 547	584
1957	5 049	528			5 049	528
1958	4 447	728			4 447	728
1959	4 018	632			4 018	632
1960	3 762	706			3 762	706
1961	4 042	710			4 042	710
1962	4 583	812			4 583	812
1963	4 554	950			4 554	950
1964	4 597	659			4 597	659
1965	4 984	783	2	1	4 986	784
1966	5 295	829	1 271	36	6 566	865
1967	4 782	946	3 313	59	8 095	1 005
1968	4 975	1 097	5 958	120	10 933	1 217
1969	4 768	1 280	4 147	186	8 915	1 466
1970	4 699	1 246	1 751	125	6 450	1 371
1971	4 478	1 298	1 211	91	5 689	1 389
1972	3 495	1 399	1 088	82	4 583	1 481
1973	3 748	1 460	1 033	78	4 781	1 538
1974	3 305	1 309	518	61	3 823	1 370
1975	2 987	1 393	331	52	3 318	1 445
1976	3 311	1 639	391	45	3 702	1 684
1977	3 237	1 903	303	56	3 540	1 959
1978	3 418	1 786	293	65	3 711	1 851
1979	4 156	1 517	391	57	4 547	1 574
1980	4 207	1 074	342	51	4 549	1 125
1981	4 093	909	459	61	4 552	970
1982	4 384	815	417	64	4 801	879
1983	4 425	762	553	62	4 978	852

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 901						
Jan	3 891	30	129.7	1 950	2.00	3 891
Feb	1 590	9	176.6	630	2.52	1 590
Mar	5 346	20	267.3	2 000	2.67	5 346
Apr	1 228	18	68.2	1 260	0.97	1 228
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	2 771	19	145.8	1 710	1.62	2 771
Aug	4 786	39	122.7	2 730	1.75	4 786
Sep	2 711	36	75.3	2 124	1.28	2 711
Oct	9 199	85	108.2	5 015	1.83	9 199
Nov	9 027	81	111.4	4 698	1.92	9 027
Dec	9 825	62	158.5	3 038	3.23	9 825
Total	50 373	399	126.2	25 155	2.00	50 373
Area 902						
Jan	15 365	110	139.7	6 380	2.41	15 365
Feb	15 914	117	136.0	6 552	2.43	15 914
Mar	6 140	100	61.4	5 000	1.23	6 140
Apr	3 202	55	58.2	2 640	1.21	3 202
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	2 092	33	63.4	1 485	1.41	2 092
Aug	4 675	54	86.6	2 754	1.70	4 675
Sep	5 524	52	106.2	2 444	2.26	5 524
Oct	8 200	76	107.9	4 560	1.80	8 200
Nov	9 902	110	90.0	6 820	1.45	9 902
Dec	9 754	120	81.3	6 840	1.43	9 754
Total	80 765	827	97.7	45 475	1.78	80 765
Area 903						
Jan	3 142	89	35.3	6 942	0.45	3 142
Feb	1 652	54	30.6	3 888	0.42	1 652
Mar	570	29	19.6	1 595	0.36	570
Apr	56	2	28.0	100	0.56	56
May	37	4	9.3	120	0.31	37
Jun	298	18	16.6	702	0.42	298
Jul	2 800	80	35.0	4 640	0.60	2 800
Aug	2 231	81	27.5	5 427	0.41	2 231
Sep	2 640	87	30.3	5 742	0.46	2 640
Oct	3 011	72	41.8	4 608	0.65	3 011
Nov	2 761	58	47.6	4 814	0.57	2 761
Dec	3 259	53	61.5	3 657	0.89	3 259
Total	22 454	627	35.8	42 235	0.53	22 454

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 904						
Jan	5 293	112	47.3	6 384	0.83	5 293
Feb	3 818	81	47.1	3 807	1.00	3 818
Mar	1 090	60	18.2	1 740	0.63	1 090
Apr	69	4	17.3	120	0.58	69
May	-	-	-	-	-	-
Jun	387	34	11.4	816	0.47	387
Jul	1 712	109	15.7	3 597	0.48	1 712
Aug	3 744	154	24.3	5 852	0.64	3 744
Sep	3 749	153	24.5	5 967	0.63	3 749
Oct	4 562	140	32.6	6 160	0.74	4 562
Nov	5 087	147	34.6	7 203	0.71	5 087
Dec	4 755	114	41.7	7 296	0.65	4 755
Total	34 265	1 108	30.9	48 942	0.70	34 265
Area 905						
Jan	4 694	183	25.6	5 856	0.80	4 694
Feb	3 361	213	15.8	6 177	0.54	3 361
Mar	1 489	160	9.3	4 160	0.36	1 489
Apr	556	74	7.5	1 776	0.31	556
May	10	5	2.0	70	0.14	10
Jun	605	67	9.0	1 474	0.41	605
Jul	4 648	282	16.5	9 870	0.47	4 648
Aug	5 525	311	17.8	12 440	0.44	5 525
Sep	4 265	274	15.6	9 864	0.43	4 265
Oct	7 462	311	24.0	12 751	0.59	7 462
Nov	5 033	241	20.9	9 881	0.51	5 033
Dec	4 965	233	21.3	8 388	0.59	4 965
Total	42 612	2 354	18.1	82 707	0.52	42 612
Area 906						
Jan	14 845	549	27.0	36 234	0.41	14 845
Feb	9 580	415	23.1	24 485	0.39	9 580
Mar	6 808	344	19.8	19 952	0.34	6 808
Apr	1 812	97	18.7	5 529	0.33	1 812
May	110	6	18.3	180	0.61	110
Jun	1 114	84	13.3	3 696	0.30	1 114
Jul	10 981	486	22.6	32 562	0.34	10 981
Aug	10 584	545	19.4	38 150	0.28	10 584
Sep	9 199	452	20.4	33 900	0.27	9 199
Oct	19 615	543	36.1	39 639	0.49	19 615
Nov	20 966	657	31.9	47 961	0.44	20 966
Dec	16 169	593	27.3	42 103	0.38	16 169
Total	121 781	4 771	25.5	324 391	0.38	121 781

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 907						
Jan	7 294	161	45.3	10 948	0.67	7 294
Jan	5 662	183	30.9	14 823	0.38	5 662
Feb	1 639	69	23.8	5 037	0.33	1 639
Mar	1 437	47	30.6	3 243	0.44	1 437
Apr	554	24	23.1	1 440	0.38	554
May	177	14	12.6	672	0.26	177
Jun	1 439	66	21.8	3 762	0.38	1 439
Jul	6 582	239	27.5	16 491	0.40	6 582
Aug	3 678	208	17.7	14 768	0.25	3 678
Sep	7 183	192	37.4	12 864	0.56	7 183
Oct	10 676	178	60.0	13 350	0.80	10 676
Nov	7 200	206	34.9	15 862	0.45	7 200
Dec	4 474	155	28.9	11 315	0.40	4 474
Total	50 699	1 581	32.1	113 627	0.45	50 699
Area 908						
Jan	8 539	295	28.9	23 895	0.36	8 539
Feb	8 143	304	26.8	25 840	0.32	8 143
Mar	3 887	203	19.1	16 849	0.23	3 887
Apr	837	79	10.6	4 108	0.20	837
May	321	30	10.7	1 140	0.28	321
Jun	1 160	54	21.5	3 834	0.30	1 160
Jul	4 513	193	23.4	13 510	0.33	4 513
Aug	4 268	241	17.7	14 219	0.30	4 268
Sep	4 479	165	27.1	12 375	0.36	4 479
Oct	8 573	266	32.2	21 014	0.41	8 573
Nov	10 704	333	32.1	26 640	0.40	10 704
Dec	8 336	287	29.0	23 821	0.35	8 336
Total	63 760	2 450	26.0	187 245	0.34	63 760
Area 909						
Jan	16 392	220	74.5	18 700	0.88	16 392
Feb	8 202	130	63.1	11 050	0.74	8 202
Mar	6 335	90	70.4	7 650	0.83	6 335
Apr	1 057	32	33.0	1 952	0.54	1 057
May	244	17	14.3	799	0.30	244
Jun	9 009	98	91.9	9 212	0.98	9 009
Jul	9 994	157	63.7	13 659	0.73	9 994
Aug	8 179	141	58.0	11 985	0.68	8 179
Sep	2 247	62	36.2	5 084	0.44	2 247
Oct	7 364	97	75.9	10 088	0.73	7 364
Nov	15 410	178	86.6	16 910	0.91	15 410
Dec	16 153	170	95.0	16 830	0.96	16 153
Total	100 585	1 392	72.3	123 919	0.81	100 585

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 910						
Jan	42 394	530	80.0	46 640	0.91	42 394
Feb	23 489	374	62.8	30 294	0.78	23 489
Mar	33 843	431	78.5	38 359	0.88	33 843
Apr	14 028	251	55.9	23 343	0.60	14 028
May	8 031	142	56.6	12 496	0.64	8 031
Jun	45 218	522	86.6	45 936	0.98	45 218
Jul	28 847	433	66.6	38 104	0.76	28 847
Aug	18 242	290	62.9	23 490	0.78	18 242
Sep	15 911	286	55.6	24 596	0.65	15 911
Oct	46 364	531	87.3	50 445	0.92	46 364
Nov	78 030	669	116.6	71 583	1.09	78 030
Dec	53 553	556	96.3	61 160	0.88	53 553
Total	407 949	5 015	81.3	466 446	0.87	407 949
Area 911						
Jan	25 413	310	82.0	24 180	1.05	25 413
Feb	14 078	240	58.7	18 480	0.76	14 078
Mar	7 118	149	47.8	9 834	0.72	7 118
Apr	3 578	80	44.7	5 920	0.60	3 578
May	1 066	47	22.7	3 525	0.30	1 066
Jun	15 500	194	79.9	17 266	0.90	15 500
Jul	17 873	270	66.2	18 630	0.96	17 873
Aug	27 197	327	83.2	26 160	1.04	27 197
Sep	21 512	300	71.7	26 400	0.81	21 512
Oct	30 780	362	85.0	32 218	0.96	30 780
Nov	48 833	412	118.5	39 140	1.25	49 876
Dec	30 911	319	96.9	28 710	1.08	30 911
Total	243 861	3 010	81.0	250 463	0.97	244 904
Area 912						
Jan	27 954	413	67.7	32 214	0.87	27 954
Feb	15 110	277	54.5	21 606	0.70	15 110
Mar	7 862	166	47.4	12 450	0.63	7 862
Apr	2 991	70	42.7	5 460	0.55	2 991
May	6 119	96	63.7	7 296	0.84	6 119
Jun	19 292	252	76.6	21 672	0.89	19 292
Jul	13 790	215	64.1	18 275	0.75	13 790
Aug	15 775	284	55.5	23 572	0.67	15 775
Sep	10 788	230	46.9	17 940	0.60	10 788
Oct	16 570	271	61.1	22 493	0.74	16 570
Nov	26 152	332	78.8	27 224	0.96	26 152
Dec	23 559	291	81.0	23 571	1.00	23 559
Total	185 961	2 897	64.2	233 773	0.80	185 961

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 913						
Jan	25 813	265	97.4	26 235	0.98	25 813
Feb	10 291	166	62.0	13 778	0.75	10 291
Mar	2 674	66	40.5	4 554	0.59	2 674
Apr	4	1	4.0	10	0.40	4
May	13 719	117	117.3	9 711	1.41	13 719
Jun	40 919	284	144.1	28 968	1.41	40 919
Jul	20 272	221	91.7	22 542	0.90	20 272
Aug	23 613	284	83.1	26 696	0.88	23 613
Sep	10 987	163	67.4	13 855	0.79	10 987
Oct	26 878	313	85.9	28 796	0.93	26 878
Nov	39 382	364	108.2	36 764	1.07	39 382
Dec	33 169	301	110.2	29 498	1.12	33 169
Total	247 720	2 545	97.3	241 407	1.03	247 720
Area 914						
Jan	43 851	421	104.2	37 890	1.16	43 851
Feb	30 742	419	73.4	32 263	0.95	30 742
Mar	5 016	115	43.6	5 980	0.84	5 016
Apr	6	4	1.5	36	0.17	6
May	10 020	110	91.1	11 220	0.89	10 020
Jun	52 561	408	128.8	37 944	1.39	52 561
Jul	36 056	367	98.2	32 663	1.10	36 056
Aug	32 368	347	93.3	30 883	1.05	32 368
Sep	23 289	333	69.9	30 636	0.76	23 289
Oct	53 403	511	104.5	49 567	1.08	53 403
Nov	73 653	553	133.2	54 747	1.35	73 653
Dec	40 892	425	96.2	39 100	1.05	40 892
Total	401 857	4 013	100.1	362 929	1.11	401 857
Area 915						
Jan	12 607	216	58.4	20 304	0.62	12 607
Feb	13 124	242	54.2	21 780	0.60	13 124
Mar	3 968	123	32.3	7 749	0.51	3 968
Apr	413	32	12.9	992	0.42	413
May	1 318	27	48.8	2 781	0.47	1 318
Jun	10 719	153	70.1	12 699	0.84	10 719
Jul	9 171	209	43.9	16 511	0.56	9 171
Aug	9 763	195	50.1	14 625	0.67	9 763
Sep	9 208	200	46.0	16 000	0.58	9 208
Oct	20 490	291	70.4	25 608	0.80	20 490
Nov	15 002	266	56.4	22 078	0.68	15 002
Dec	10 632	211	50.4	17 513	0.61	10 632
Total	116 414	2 165	53.8	178 640	0.65	116 414

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 916						
Jan	24 302	207	117.4	29 601	0.82	24 302
Feb	5 716	95	60.2	12 065	0.47	5 716
Mar	1 003	49	20.5	2 842	0.35	1 003
Apr	1 245	30	41.5	2 850	0.44	1 245
May	5 328	95	56.1	9 025	0.59	5 328
Jun	7 644	118	64.8	13 924	0.55	7 644
Jul	4 485	76	59.0	7 676	0.58	4 485
Aug	4 963	76	65.3	6 916	0.72	4 963
Sep	2 960	61	48.5	6 039	0.49	2 960
Oct	9 599	161	59.6	19 320	0.50	9 599
Nov	11 430	163	70.1	21 353	0.54	11 430
Dec	20 676	182	113.6	30 394	0.68	20 676
Total	99 351	1 313	75.7	162 005	0.61	99 351
Area 917						
Jan	57 961	949	61.1	59 787	0.97	57 961
Feb	30 760	710	43.3	39 760	0.77	30 760
Mar	9 651	387	24.9	17 415	0.55	9 651
Apr	5 982	251	23.8	11 295	0.53	5 982
May	23 145	522	44.3	29 754	0.78	23 145
Jun	17 740	404	43.9	20 604	0.86	17 740
Jul	12 430	280	44.4	12 880	0.97	12 430
Aug	16 479	374	44.1	17 578	0.94	16 479
Sep	14 547	449	32.4	20 654	0.70	14 547
Oct	17 667	571	30.9	30 263	0.58	17 667
Nov	17 635	697	25.3	43 911	0.40	17 635
Dec	55 307	917	60.3	64 190	0.86	55 307
Total	279 302	6 511	42.9	368 091	0.76	279 302
Area 918						
Jan	3 873	146	26.5	5 402	0.72	3 873
Feb	1 021	61	16.7	2 074	0.49	1 021
Mar	112	16	7.0	400	0.28	112
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	528	19	27.8	399	1.32	528
Jul	2 971	102	29.1	3 876	0.77	2 971
Aug	3 625	135	26.9	5 670	0.64	3 625
Sep	2 405	99	24.3	4 158	0.58	2 405
Oct	3 791	158	24.0	6 794	0.56	3 791
Nov	4 350	153	28.4	6 579	0.66	4 350
Dec	6 016	128	47.0	6 528	0.92	6 016
Total	28 691	1 017	28.2	41 880	0.69	28 691

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 919						
Jan	281	11	25.5	198	1.42	281
Feb	648	15	43.2	360	1.80	648
Mar	376	11	34.1	264	1.42	376
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	409	7	58.4	476	0.86	409
Jul	476	29	16.4	1 363	0.35	476
Aug	342	27	12.7	1 242	0.28	342
Sep	418	25	16.7	900	0.46	418
Oct	79	7	11.3	-	-	79
Nov	35	4	8.6	-	-	35
Dec	21	5	4.2	-	-	21
Total	3 085	141	21.9	4 803	0.64	3 085
Area 920						
Jan	1 527	60	25.4	2 640	0.58	1 527
Feb	177	16	11.1	352	0.50	177
Mar	46	5	9.2	145	0.32	46
Apr	2	3	0.7	120	0.02	2
May	1	1	0.5	-	-	1
Jun	4 513	252	17.9	14 616	0.31	4 513
Jul	12 168	724	16.8	39 820	0.31	12 168
Aug	13 325	765	17.4	44 370	0.30	13 325
Sep	8 418	456	18.5	24 624	0.34	8 418
Oct	8 227	416	19.8	21 632	0.38	8 227
Nov	5 022	257	19.5	13 107	0.38	5 022
Dec	3 687	172	21.4	8 084	0.46	3 687
Total	57 111	3 127	18.3	169 510	0.34	57 111
Area 921						
Jan	838	33	25.4	1 122	0.75	838
Feb	279	24	11.6	600	0.47	279
Mar	11	1	11.4	12	0.95	11
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	1 910	82	23.3	4 838	0.39	1 910
Jul	8 769	356	24.6	22 072	0.40	8 769
Aug	14 142	456	31.0	28 272	0.50	14 142
Sep	13 510	311	43.4	20 215	0.67	13 510
Oct	8 735	231	37.8	12 936	0.68	8 735
Nov	2 312	84	27.5	4 368	0.53	2 312
Dec	2 175	63	34.5	3 087	0.70	2 175
Total	52 682	1 641	32.1	97 522	0.54	52 682

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 922						
Jan	315	12	26.3	444	0.71	315
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	66	7	9.4	98	0.67	66
Jul	728	41	17.7	1 353	0.54	728
Aug	1 450	51	28.4	2 448	0.59	1 450
Sep	3 838	82	46.8	4 838	0.79	3 838
Oct	4 875	98	49.7	5 488	0.89	4 875
Nov	1 418	46	30.8	2 254	0.63	1 418
Dec	2 252	45	50.0	1 755	1.28	2 252
Total	14 941	382	39.1	18 678	0.80	14 941
Area 923						
Jan	11 238	93	120.8	5 022	2.24	11 238
Feb	2 395	38	63.0	1 558	1.54	2 395
Mar	804	17	47.3	867	0.93	804
Apr	274	11	24.9	462	0.59	274
May	12	3	4.0	39	0.31	12
Jun	3 680	45	81.8	1 935	1.90	3 680
Jul	6 130	99	61.9	4 356	1.41	6 130
Aug	10 452	211	49.5	11 816	0.88	10 452
Sep	19 712	293	67.3	21 096	0.93	19 712
Oct	36 111	478	75.5	34 894	1.03	36 111
Nov	39 942	408	97.9	28 968	1.38	39 942
Dec	25 748	200	128.7	15 000	1.72	25 748
Total	156 497	1 896	82.5	126 013	1.24	156 497
Area 924						
Jan	14 286	196	72.9	8 428	1.70	14 286
Feb	3 144	89	35.3	2 759	1.14	3 144
Mar	18	14	1.3	322	0.06	18
Apr	60	11	5.5	154	0.39	60
May	-	-	-	-	-	-
Jun	765	11	69.5	429	1.78	765
Jul	6 479	141	46.0	6 345	1.02	6 479
Aug	12 021	459	26.2	22 491	0.53	12 021
Sep	67 794	957	70.8	60 291	1.12	71 160
Oct	76 765	1 000	76.8	66 000	1.16	87 075
Nov	61 571	814	75.6	52 910	1.16	69 920
Dec	48 658	563	86.4	33 780	1.44	53 855
Total	291 561	4 255	68.5	253 909	1.15	318 784

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 925						
Jan	3 432	22	156.0	418	8.21	3 432
Feb	813	21	38.7	441	1.84	813
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	2 208	27	81.8	459	4.81	2 208
Aug	768	31	24.8	558	1.38	768
Sep	788	27	29.2	432	1.82	788
Oct	108	5	21.6	55	1.96	108
Nov	1 445	29	49.8	609	2.37	1 445
Dec	348	21	16.6	483	0.72	348
Total	9 909	183	54.1	3 455	2.87	9 909
Area 926						
Jan	50 384	392	128.5	23 520	2.14	53 516
Feb	24 826	258	96.2	14 706	1.69	24 826
Mar	4 367	50	87.3	2 150	2.03	4 367
Apr	1 203	33	36.5	1 122	1.07	1 203
May	765	38	20.1	1 140	0.67	765
Jun	15 513	223	69.6	10 481	1.48	15 513
Jul	19 546	346	56.5	19 722	0.99	19 546
Aug	36 253	530	68.4	33 920	1.07	36 253
Sep	65 798	665	98.9	45 885	1.43	69 398
Oct	86 856	885	98.1	63 720	1.36	90 306
Nov	122 564	911	134.5	64 681	1.89	129 267
Dec	78 989	579	136.4	41 109	1.92	78 989
Total	507 065	4 910	103.3	322 156	1.57	523 949
Area 927						
Jan	30 443	303	100.5	20 907	1.46	30 443
Feb	35 329	435	81.2	33 060	1.07	35 329
Mar	8 045	148	54.4	9 324	0.86	8 045
Apr	3 815	84	45.4	5 040	0.76	3 815
May	1 272	58	21.9	3 190	0.40	1 272
Jun	8 881	274	32.4	16 714	0.53	8 881
Jul	13 181	370	35.6	25 530	0.52	13 181
Aug	15 739	310	50.8	24 800	0.63	15 739
Sep	24 983	401	62.3	26 065	0.96	24 983
Oct	37 706	496	76.0	35 216	1.07	37 706
Nov	60 803	557	109.2	44 560	1.36	60 803
Dec	41 273	415	99.5	30 710	1.34	41 273
Total	281 470	3 851	73.1	275 116	1.02	281 470

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 928						
Jan	12 181	221	55.1	14 144	0.86	12 181
Feb	16 331	298	54.8	19 966	0.82	16 331
Mar	4 683	118	39.7	7 906	0.59	4 683
Apr	771	30	25.7	1 830	0.42	771
May	699	9	77.7	594	1.18	699
Jun	2 493	64	38.9	3 200	0.78	2 493
Jul	2 143	84	25.5	4 200	0.51	2 143
Aug	3 619	99	36.6	5 445	0.66	3 619
Sep	11 243	154	73.0	10 472	1.07	11 243
Oct	33 835	357	94.8	24 633	1.37	33 835
Nov	48 382	420	115.2	30 660	1.58	48 382
Dec	29 525	397	74.4	27 393	1.08	29 525
Total	165 904	2 251	73.7	150 443	1.10	165 904
Area 929						
Jan	834	18	46.3	774	1.08	834
Feb	1 053	36	29.2	1 548	0.68	1 053
Mar	672	13	51.7	494	1.36	672
Apr	36	3	12.0	66	0.55	36
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	243	8	30.4	360	0.68	243
Nov	141	6	23.5	342	0.41	141
Dec	57	3	19.0	150	0.38	57
Total	3 036	87	34.9	3 734	0.81	3 036
Area 930						
Jan	876	46	19.0	1 886	0.46	876
Feb	632	60	10.5	2 160	0.29	632
Mar	514	43	12.0	1 763	0.29	514
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	225	13	17.3	390	0.58	225
Sep	297	12	24.8	360	0.83	297
Oct	363	15	24.2	495	0.73	363
Nov	1 059	51	20.8	1 326	0.80	1 059
Dec	822	38	21.6	1 178	0.70	822
Total	4 789	278	17.2	9 558	0.50	4 789

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 931						
Jan	3 647	42	86.8	1 932	1.89	3 647
Feb	6 441	82	78.5	3 526	1.83	6 441
Mar	2 839	45	63.1	2 115	1.34	2 839
Apr	1 600	36	44.4	1 584	1.01	1 600
May	653	14	46.6	602	1.08	653
Jun	1 932	9	214.7	369	5.24	1 932
Jul	6 953	54	128.8	2 322	2.99	6 953
Aug	2 922	49	59.6	1 862	1.57	2 922
Sep	228	5	45.6	200	1.14	228
Oct	830	11	75.5	363	2.29	830
Nov	3 324	46	72.3	1 840	1.81	3 324
Dec	3 725	50	74.5	1 950	1.91	3 725
Total	35 093	443	79.2	18 665	1.88	35 093
Area 932						
Jan	-	-	-	-	-	-
Feb	156	8	19.5	376	0.41	156
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Total	156	8	19.5	376	0.41	156
Area 933						
Jan	13 987	191	73.2	13 943	1.00	13 987
Feb	10 117	140	72.3	8 820	1.15	10 117
Mar	1 909	50	38.2	3 000	0.64	1 909
Apr	22	3	7.3	132	0.17	22
May	321	23	13.9	690	0.46	321
Jun	3 971	110	36.1	6 930	0.57	3 971
Jul	5 531	186	29.7	10 602	0.52	5 531
Aug	7 941	238	33.4	15 708	0.51	7 941
Sep	7 782	256	30.4	16 896	0.46	7 782
Oct	18 997	293	64.8	21 096	0.90	18 997
Nov	18 864	280	67.4	19 040	0.99	18 864
Dec	15 696	245	64.1	18 375	0.85	15 696
Total	105 135	2 015	52.2	135 232	0.78	105 135

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 934						
Jan	133	5	26.6	220	0.60	133
Feb	163	8	20.4	264	0.62	163
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	249	14	17.8	616	0.40	249
Sep	205	13	15.8	533	0.38	205
Oct	274	10	27.3	450	0.61	274
Nov	117	15	7.8	510	0.23	117
Dec	183	12	15.3	528	0.35	183
Total	1 324	77	17.2	3 121	0.42	1 324
Area 935						
Jan	545	35	15.6	1 995	0.27	545
Feb	615	20	30.8	920	0.67	615
Mar	109	5	21.8	240	0.45	109
Apr	45	2	22.5	120	0.38	45
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	41	4	10.3	40	1.03	41
Aug	173	6	28.8	120	1.44	173
Sep	-	-	-	-	-	-
Oct	646	19	34.0	893	0.72	646
Nov	1 001	24	41.7	1 176	0.85	1 001
Dec	685	19	36.0	1 045	0.66	685
Total	3 858	134	28.8	6 549	0.59	3 858
Area 936						
Jan	542	30	18.1	1 200	0.45	542
Feb	1 270	72	17.6	2 520	0.50	1 270
Mar	1 157	62	18.7	2 232	0.52	1 157
Apr	135	12	11.3	420	0.32	135
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	39	6	6.5	114	0.34	39
Oct	273	26	10.5	910	0.30	273
Nov	751	63	11.9	2 646	0.28	751
Dec	1 180	83	14.2	3 486	0.34	1 180
Total	5 347	354	15.1	13 528	0.40	5 347

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 937						
Jan	2 324	65	35.8	2 665	0.87	2 324
Feb	2 295	88	26.1	3 080	0.75	2 295
Mar	230	10	23.0	210	1.10	230
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	23	1	22.5	15	1.50	23
Jul	946	42	22.5	1 092	0.87	946
Aug	383	15	25.5	420	0.91	383
Sep	53	4	13.3	72	0.74	53
Oct	1 501	42	35.7	1 176	1.28	1 501
Nov	1 968	77	25.6	2 541	0.77	1 968
Dec	1 743	56	31.1	2 016	0.86	1 743
Total	11 465	400	28.7	13 287	0.86	11 465
Area 938						
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Area 939						
Jan	5 887	76	77.5	5 700	1.03	5 887
Feb	4 872	93	52.4	6 045	0.81	4 872
Mar	2 902	43	67.5	2 279	1.27	2 902
Apr	243	5	48.5	155	1.56	243
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	3 435	43	79.9	2 924	1.17	3 435
Aug	5 510	79	69.7	6 083	0.91	5 510
Sep	3 407	47	72.5	3 995	0.85	3 407
Oct	11 768	115	102.3	8 625	1.36	11 768
Nov	7 470	101	74.0	7 575	0.99	7 470
Dec	5 243	69	76.0	5 106	1.03	5 243
Total	50 735	671	75.6	48 487	1.05	50 735

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 940						
Jan	30 322	148	204.9	10 656	2.85	30 322
Feb	29 872	141	211.9	9 588	3.12	29 872
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	3 105	27	115.0	1 161	2.67	3 105
Jun	6 850	59	116.1	3 127	2.19	6 850
Jul	14 007	89	157.4	5 162	2.71	14 007
Aug	7 212	53	136.1	3 657	1.97	7 212
Sep	2 851	30	95.0	2 280	1.25	2 851
Oct	2 910	44	66.1	2 596	1.12	2 910
Nov	14 888	86	173.1	6 364	2.34	14 888
Dec	21 460	111	193.3	8 769	2.45	21 460
Total	133 475	788	169.4	53 360	2.50	133 475
Area 941						
Jan	12 925	136	95.0	10 472	1.23	12 925
Feb	15 493	178	87.0	13 884	1.12	15 493
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	1 455	32	45.5	1 568	0.93	1 455
Jun	10 890	138	78.9	9 936	1.10	10 890
Jul	8 305	144	57.7	9 936	0.84	8 305
Aug	6 123	128	47.8	7 936	0.77	6 123
Sep	5 639	118	47.8	7 080	0.80	5 639
Oct	11 956	182	65.7	13 468	0.89	11 956
Nov	25 959	188	138.1	15 228	1.70	25 959
Dec	13 362	122	109.5	10 248	1.30	13 362
Total	112 105	1 366	82.1	99 756	1.12	112 105
Area 942						
Jan	46 017	287	160.3	18 942	2.43	46 017
Feb	27 911	210	132.9	12 810	2.18	27 911
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	2 328	41	56.8	1 886	1.23	2 328
Jun	10 217	139	73.5	7 506	1.36	10 217
Jul	12 021	162	74.2	9 882	1.22	12 021
Aug	13 287	126	105.5	8 316	1.60	13 287
Sep	3 827	70	54.7	3 780	1.01	3 827
Oct	15 745	185	85.1	11 285	1.40	15 745
Nov	40 424	255	158.5	19 125	2.11	40 424
Dec	37 830	235	161.0	18 330	2.06	37 830
Total	209 605	1 710	122.6	111 862	1.87	209 605

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1983 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 943						
Jan	17 633	102	172.9	4 692	3.76	19 700
Feb	10 859	92	118.0	5 704	1.90	10 859
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	946	18	52.6	702	1.35	946
Jun	10 417	73	142.7	5 183	2.01	10 417
Jul	9 116	87	104.8	6 003	1.52	9 116
Aug	8 848	59	150.0	4 366	2.03	8 848
Sep	1 724	26	66.3	1 586	1.09	1 724
Oct	7 927	66	120.1	5 280	1.50	7 927
Nov	14 447	72	200.7	5 904	2.45	14 447
Dec	14 182	65	218.2	5 720	2.48	14 182
Total	96 098	660	145.6	45 140	2.13	98 165
New Zealand totals						
Jan	602 586	7 752	77.7	555 337	1.09	607 785
Feb	393 918	6 398	61.6	424 613	0.93	393 918
Mar	133 027	3 190	41.7	195 095	0.68	133 027
Apr	45 821	1 337	34.3	80 036	0.57	45 821
May	81 200	1 496	54.3	100 361	0.81	81 200
Jun	306 658	4 272	71.8	308 761	0.99	306 658
Jul	324 167	6 799	47.7	441 864	0.73	324 167
Aug	360 677	7 805	46.2	508 751	0.71	360 677
Sep	396 153	7 552	52.5	502 356	0.79	403 119
Oct	670 930	9 926	67.6	714 260	0.94	684 690
Nov	874 461	1 0 414	84.0	789 902	1.11	890 556
Dec	701 244	8 685	80.7	662 254	1.06	706 442
Total	4 890 844	75 626	64.7	5 283 590	0.93	4 938 061

TABLE 3: Landings (whole weight) of *Jasus edwardsii* during 1983 by controlled fishery area; area boundaries shown in Fig. 2

Controlled fishery area (statistical areas)	No. of vessels licensed	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
A, Northland (901-04, 939)	39	238 591	3 632	65.7	210 294	1.13	238 591
B, Taranaki (935-38)	17	20 670	888	23.3	33 364	0.62	20 670
C, Wellington-Hawke's Bay (912-15, 934)	95	953 274	11 697	81.5	1 019 870	0.93	953 274
D, Gisborne (909-11)	85	752 395	9 417	79.9	840 828	0.89	753 438
E, Bay of Plenty (905-08)	103	278 853	11 156	25.0	707 970	0.39	278 853
F, Canterbury-Marlborough (916-19, 932-33)	97	515 720	11 005	46.9	712 387	0.72	515 720
G, Otago (920-21)	93	109 793	4 768	23.0	267 032	0.41	109 793
H, Southern (922-28)	248	1 427 346	17 728	80.5	1 149 770	1.24	1 471 455
I, Westland (929-31)	11	42 917	808	53.1	31 957	1.34	42 917
J, Chatham Islands (940-43)	64	551 284	4 524	121.9	310 118	1.78	553 351
North & South Is. combined (901-39)	788	4 339 560	71 099	61.0	4 973 472	0.87	4 384 711
N.Z. totals	852	4 890 844	75 626	64.7	5 283 590	0.93	4 938 061

TABLE 4: Landings (whole weight) of *Jasus verreauxi* during 1983 by statistical area (only areas which recorded landings are shown); area boundaries shown in Fig. 1

Area	Total landed weight (kg)	Area	Total landed weight (kg)
901	6 544	909	8
902	30 063	910	28
903	847	927	2
904	477	928	4
905	175	936	3
906	136	937	4
907	2 084	939	39
		N.Z. totals	40 412

TABLE 5: Landings (kg whole weight) by region (groups of points of landings) of *Jasus edwardsii* and *J. verreauxi* during 1983

Region of landing	<i>Jasus edwardsii</i>	<i>Jasus verreauxi</i>
Mangonui	135 154	29 034
Whangaroa	66 930	8 459
Russell	8 918	0
Hokianga	7 655	0
Whangarei	21 135	477
Auckland	7 880	163
Thames	0	0
Coromandel	8 030	0
Kawhia	3 665	4
Raglan	5 504	0
Manukau	0	0
Leigh	26 069	12
Mercury Bay	120 946	136
Tauranga	36 894	0
Whakatane	102 545	2 084
Gisborne	554 926	36
Napier	369 637	0
Castlepoint	647 584	0
Wellington	104 396	0
Makara	4 134	0
Paremata	1 324	0
Paraparaumu	0	0
Manawatu	0	0
Wanganui	0	0
New Plymouth	11 501	3
Kaipara	0	0
Golden Bay	22 529	0
Motueka	8 294	0
Nelson	1 447	0
Pelorus	0	0
Picton	85 497	0
Blenheim	34 025	0
Kaikoura	363 947	0
Lyttelton	2 833	0
Akaroa	25 514	0
Timaru	1 315	0
Oamaru	2 527	0
Moeraki	25 524	0
Karitane	26 035	0
Port Chalmers	37 093	0
Taieri Mouth	16 146	0
Nuggets	8 567	0
Waikawa	10 295	0
Riverton	278 662	0
Bluff	495 831	0
Milford Sound	374 415	3
Stewart Island	222 953	0
Greymouth	87 482	3
Westport	8 955	0
Chatham Islands	553 351	0
Total for all ports	4 938 061	40 412

