

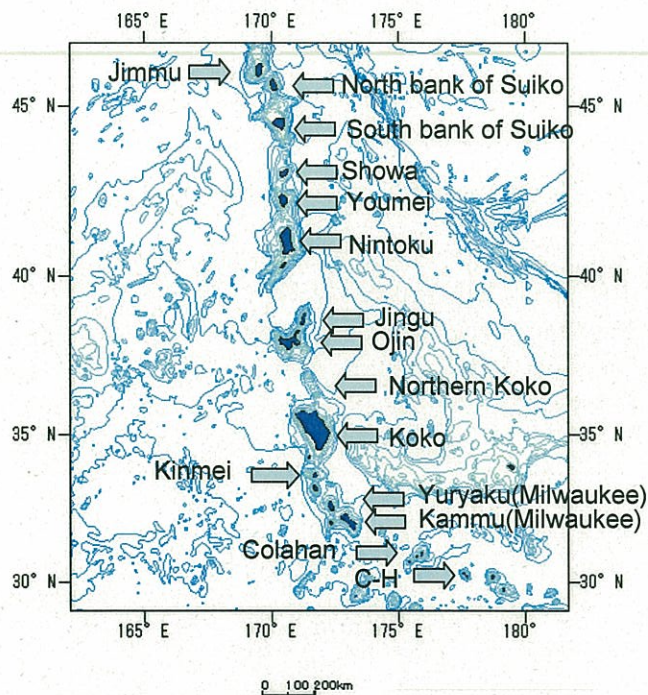
## List of recent level of Japanese trawl fishing effort

Year	Effort		Catch (ton)					Total
	(Trawling hours)	Pelagic armorhead	Alfonsin	Mirror dory	Butterfish	Rockfish	Others	
2002	7,635	209	2,543	63	34	361	3,396	6,606
2003	6,182	449	2,005	71	53	173	3,197	5,948
2004	6,690	12,641	2,445	41	46	54	3,213	18,440
2005	9,270	5,638	3,877	60	189	411	1,360	11,534
2006	9,085	1,488	3,656	123	44	233	2,701	8,245
2007	10,170	1,607	3,016	151	26	157	2,389	7,347

English name	Scientific name	Family name
Pelagic armorhead	<i>Pseudopentaceros wheeleri</i>	Pentacerothidae (Armorheads)
Alfonsin	<i>Beryx splendens</i>	Berycidae (Alfonsinos)
Oreo	<i>Alloctytus verrucosus</i>	Oreosomatidae (Oreos)
Mirror dory	<i>Zenopsis nebulosa</i>	Zeidae (Dories)
Butterfish	<i>Hyperoglyphe japonica</i>	Centrolophidae (Medusafishes)
Rockfishes		Sebastidae (Rockfishes)

Year	Youmei	Nintoku	Jingu	Ojin	Koko	Kimmei	Milwaukee	Colahan	C-H
2002		*	*	*	*	*	*	*	*
2003		*	*	*	*	*	*	*	*
2004				*	*	*	*	*	*
2005		*	*	*	*	*	*	*	*
2006		*	*	*	*	*	*	*	*
2007	*	*	*	*	*	*	*	*	*

## Emperor Seamounts



Dark blue areas indicate shallower than 1500m depth

For Northern Koko, it is impossible to indicate the area <1500m since the area is extremely small

Year	Number of fishing days	Ship name	Gear type	Gross tonnage (international)	Horse Power	Overall length (m)	
※Gross tonnage (1992-2000) is estimated.							
1992	122	Tomi Maru No.58	Trawl	1,148	2,900	67.9	
1992	16	Tomi Maru No.86	Trawl	1,148	2,900	60.7	
1992	168	Fukuyoshi Maru No.58	Trawl	870	2,600	52.0	
1992	52	Koshin Maru No.3	Trawl	1,148	n/a	n/a	
1992	16	Koshin Maru No.1	Trawl	1,483	3,000	65.36	
1992	26	Eikyu Maru No.81	Trawl	1,148	n/a	n/a	
1992	51	Eikyu Maru No.5	Trawl	1,483	n/a	n/a	
1992	31	Eikyu Maru No.3	Trawl	1,483	n/a	n/a	
1992	47	Kyowa Maru No.1	Trawl	884	n/a	n/a	
1992	31	Kaiyo Maru No.15	Trawl	n/a	n/a	n/a	
1992 Total	560		10	Trawl	10,795	11,400	246
1993	114	Tomi Maru No.58	Trawl	1,148	2,900	67.9	
1993	217	Fukuyoshi Maru No.58	Trawl	870	2,600	52.0	
1993	133	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8	
1993	17	Kaiyo Maru No.3	Trawl	901	2,600	52.0	
1993	102	Koshin Maru No.3	Trawl	1,148	n/a	n/a	
1993	28	Koshin Maru No.1	Trawl	1,483	3,000	65.36	
1993	30	Eikyu Maru No.81	Trawl	1,148	n/a	n/a	
1993	11	Eikyu Maru No.5	Trawl	1,483	n/a	n/a	
1993	31	Eikyu Maru No.6	Trawl	1,148	n/a	n/a	
1993	28	Kyowa Maru No.1	Trawl	884	n/a	n/a	
1993	21	Shunyoo Maru No.168	Trawl	1,483	n/a	n/a	
1993	206	Daian Maru No.158	Trawl	1,148	n/a	n/a	
1993	16	Daian Maru No.128	Trawl	884	n/a	n/a	
1993 Total	954		13	Trawl	15,211	14,100	303
1994	115	Tomi Maru No.58	Trawl	1,148	2,900	67.9	
1994	41	Tomi Maru No.87	Trawl	1,230	2,900	60.7	
1994	247	Fukuyoshi Maru No.58	Trawl	870	2,600	52.0	
1994	99	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8	
1994	63	Kaiyo Maru No.3	Trawl	901	2,600	52.0	
1994	38	Eikyu Maru No.8	Trawl	1,148	n/a	n/a	
1994	90	Kyowa Maru No.1	Trawl	884	n/a	n/a	
1994	190	Daian Maru No.158	Trawl	1,148	n/a	n/a	
1994 Total	883		8	Trawl	8,812	14,000	298
1995	92	Tomi Maru No.58	Trawl	1,148	2,900	67.9	
1995	260	Fukuyoshi Maru No.58	Trawl	870	2,600	52.0	
1995	150	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8	
1995	126	Kaiyo Maru No.3	Trawl	901	2,600	52.0	
1995	113	Shoyo Maru	Trawl	884	n/a	n/a	
1995	30	Eikyu Maru No.5	Trawl	1,483	n/a	n/a	
1995	91	Kyowa Maru No.1	Trawl	884	n/a	n/a	
1995	253	Daian Maru No.158	Trawl	1,148	n/a	n/a	
1995	48	Daian Maru No.128	Trawl	884	n/a	n/a	
1995 Total	1163		9	Trawl	9,685	11,100	238
1996	34	Tomi Maru No.58	Trawl	1,148	2,900	67.9	
1996	255	Fukuyoshi Maru No.58	Trawl	870	2,600	52.0	
1996	98	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8	
1996	56	Shoyo Maru	Trawl	884	n/a	n/a	
1996	133	Daian Maru No.158	Trawl	1,148	n/a	n/a	
1996 Total	576		5	Trawl	5,533	8,500	185.7

Year	Number of fishing days	Ship name	Gear type	Gross tonnage (international)	Horse Power	Overall length (m)
1997	10	Tomi Maru No.58	Trawl	1,148	2,900	67.9
1997	249	Fukuyoshi Maru No.58	Trawl	870	2,600	52.0
1997	254	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
1997 Total	513	3	Trawl	3,501	8,500	185.7
1998	112	Tomi Maru No.58	Trawl	1,148	2,900	67.9
1998	254	Fukuyoshi Maru No.58	Trawl	870	2,600	52.0
1998	219	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
1998	125	Shoyo Maru	Trawl	884	n/a	n/a
1998	46	Kaiyo Maru No.3	Trawl	901	2,600	52.0
1998 Total	756	5	Trawl	5,286	11,100	237.7
1999	111	Tomi Maru No.58	Trawl	1,148	2,900	67.9
1999	36	Tomi Maru No.87	Trawl	1,230	2,900	60.7
1999	213	Fukuyoshi Maru No.58	Trawl	870	2,600	52.0
1999	240	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
1999 Total	600	4	Trawl	4,731	11,400	246.4
2000	82	Tomi Maru No.58	Trawl	1,148	2,900	67.9
2000	132	Fukuyoshi Maru No.58	Trawl	870	2,600	52.0
2000	110	Fukuyoshi Maru No.68	Trawl	1,148	1,500	60.7
2000	235	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
2000 Total	559	4	Trawl	4,649	10,000	246.4
2001	27	Tomi Maru No.58	Trawl	1,148	2,900	67.9
2001	212	Fukuyoshi Maru No.68	Trawl	1,204	2,900	59.9
2001	248	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
2001	37	Kaiyo Maru No.3	Trawl	901	2,600	52.0
2001 Total	524	4	Trawl	4,736	11,400	245.6
2002	166	Tomi Maru No.58	Trawl	1,148	2,900	67.9
2002	269	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
2002	270	Fukuyoshi Maru No.68	Trawl	1,204	2,900	59.9
2002	96	Kaiyo Maru No.3	Trawl	901	2,600	52.0
2002 Total	801	4	Trawl	4,736	11,400	245.6
2003	158	Tomi Maru No.58	Trawl	1,148	2,900	67.9
2003	281	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
2003	241	Fukuyoshi Maru No.68	Trawl	1,204	2,900	59.9
2003 Total	680	3	Trawl	3,835	8,800	193.6
2004	67	Tomi Maru No.58	Trawl	1,148	2,900	67.9
2004	80	Koshin Maru No.1	Trawl	1,483	3,000	65.4
2004	110	Tomi Maru No.53	Trawl	862	2,600	58.1
2004	192	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
2004	235	Fukuyoshi Maru No.68	Trawl	1,204	2,900	59.9
2004	140	Dairin Maru No.5	Trawl	883	2,600	59.0
2004	115	Youkei Maru No.5	Trawl	901	2,600	52.0
2004 Total	939	7	Trawl	7,964	19,600	428.0
2005	41	Tomi Maru No.58	Trawl	1,148	2,900	67.9
2005	92	Koshin Maru No.1	Trawl	1,483	3,000	65.4
2005	92	Tomi Maru No.53	Trawl	862	2,600	58.1
2005	243	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
2005	252	Fukuyoshi Maru No.68	Trawl	1,204	2,900	59.9

Year	Number of fishing days	Ship name	Gear type	Gross tonnage (international)	Horse Power	Overall length (m)
2005	109	Dairin Maru No.5	Trawl	883	2,600	59.0
2005	147	Youkei Maru No.5	Trawl	901	2,600	52.0
2005	38	Jinpou Maru No.35	Trawl	884	2,600	52.0
2005 Total	1014		8 Trawl	8,848	22,200	480.0
2006	45	Tomi Maru No58	Trawl	1,148	2,900	67.9
2006	61	Koshin Maru No.1	Trawl	1,483	3,000	65.4
2006	111	Tomi Maru No53	Trawl	862	2,600	58.1
2006	267	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
2006	250	Fukuyoshi Maru No.68	Trawl	1,204	2,900	59.9
2006	118	Dairin Maru No.5	Trawl	883	2,600	59.0
2006	121	Youkei Maru No.5	Trawl	901	2,600	52.0
2006 Total	973		7 Trawl	7,964	19,600	428.0
2007	82	Tomi Maru No58	Trawl	1,148	2,900	67.9
2007	243	Kaiyo Maru No.38	Trawl	1,483	3,000	65.8
2007	78	Koshin Maru No.1	Trawl	1,483	3,000	65.4
2007	250	Fukuyoshi Maru No.68	Trawl	1,204	2,900	59.9
2007	160	Dairin Maru No.5	Trawl	883	2,600	59.0
2007	178	Youkei Maru No.5	Trawl	901	2,600	52.0
2007	102	Gyokuryuu Maru	Trawl	884	2,600	52.0
2007 Total	1093		7 Trawl	7,986	19,600	421.9