Stock Name: Longnose skate - Pacific Coast

Assessed in: June 2007

Parameter Name	Abundance	Spawners	Recruitment	Catch
Type		Female only		Total catch
Source	Model	Model	Model	unknown
Basis	Biomass-mt	Biomass-mt	Numbers	Biomass-mt
Range	Age 2+	unknown	Age 0	unknown
Statistic				
Scale	1	1	1000	1
Year				
1916	90955	7034	15454	20
1917	90937	7032	15452	39
1918	90904	7027	15449	59
1919	90855	7020	15443	78
1920	90794	7011	15435	98
1921	90721	7000	15426	118
1922	90637	6987	15415	137
1923	90543	6972	15403	157
1924	90439	6956	15389	177
1925	90326	6938	15374	196
1926	90204	6918	15358	216
1927	90073	6898	15340	235
1928	89934	6876	15322	255
1929	89786	6854	15303	275
1930	89631	6830	15283	294
1931	89467	6806	15262	314
1932	89295	6782	15241	334
1933	89116	6756	15219	353
1934	88929	6730	15197	373
1935	88735	6704	15174	392
1936	88534	6677	15150	412
1937	88326	6650	15126	432
1938	88112	6622	15101	451
1939	87891	6593	15076	471
1940	87665	6564	15050	491
1941	87432	6534	15023	510
1942	87194	6503	14995	530
1943	86951	6472	14967	549
1944	86703	6441	14938	569
1945	86449	6409	14909	589
1946	86191	6376	14878	608

1947	85928	6343	14848	628
1948	85661	6310	14816	647
1949	85389	6276	14784	667
1950	85113	6241	14751	368
1951	85123	6244	14754	264
1952	85211	6259	14769	299
1953	85245	6272	14781	914
1954	84703	6213	14724	333
1955	84732	6223	14734	949
1956	84187	6161	14674	422
1957	84168	6162	14675	365
1958	84194	6169	14682	380
1959	84195	6175	14687	517
1960	84063	6164	14677	316
1961	84121	6177	14689	1568
1962	83027	6042	14558	879
1963	82665	5990	14506	995
1964	82226	5927	14442	972
1965	81843	5868	14382	553
1966	81868	5860	14374	682
1967	81759	5840	14353	677
1968	81647	5823	14336	1192
1969	81060	5749	14259	772
1970	80894	5727	14236	428
1971	81037	5747	14257	187
1972	81365	5797	14309	288
1973	81551	5836	14349	294
1974	81698	5875	14389	288
1975	81824	5913	14429	325
1976	81895	5946	14462	892
1977	81442	5910	14425	898
1978	81031	5871	14386	1454
1979	80160	5766	14276	1543
1980	79301	5649	14153	999
1981	79026	5596	14095	3213
1982	76763	5289	13752	2166
1983	75670	5111	13543	1677
1984	75106	4997	13404	863
1985	75303	4982	13386	1243
1986	75088	4933	13326	1026
1987	75036	4917	13306	1178
1988	74793	4893	13276	760
1989	74894	4922	13312	838

1990	74858	4949	13345	661
1991	74939	4998	13406	564
1992	75060	5060	13482	334
1993	75348	5147	13586	523
1994	75418	5209	13660	735
1995	75280	5243	13699	367
1996	75492	5311	13778	1474
1997	74687	5245	13701	2685
1998	72877	5032	13448	1220
1999	72599	4982	13386	1835
2000	71802	4858	13232	2108
2001	70844	4703	13032	1342
2002	70671	4638	12945	488
2003	71272	4671	12989	1323
2004	71027	4617	12918	582
2005	71445	4651	12963	959
2006	71439	4650	12962	1157
2007	71217	4634	12941	899

TIME SERIES HEADER DESCRIPTIONS

Type: Provides a more detailed definition of the data being entered.

Source: Describes where a particular type of data comes from. Typical data sources include Model (output from an assessment model), Survey (index of survey observations), or Fishery (e.g. reported catch rather than a model estimate of catch).

Basis: Describes the units for the values being reported. For example: biomass-mt means stock weight in metric tons.

Range: Used in conjunction with type to refine the description of the data being entered. The range specifies a subset of the population to which the data apply. For example, Age 3+ means fish that are age 3 and older, or mature means just the mature portion of the stock.

Statistic: Describes the statistical characteristics of a time series column, and may include mean, median, index, observed, official, MCMC, lower 95% CI, upper 95% CI, etc.

Scalar: Describes a multiplier by which the reported values should be multiplied to restore them to their natural units. For example, if biomass is reported in 1000 mt, then a value of 1000 is entered in this field.