

## OTHER KNOWN CAUSES OF ROCK FISH MORTALITY

Harbor Seal population estimated at 30,000 in 1995\*

Growing at an annual rate of 8-10%\*

Average weight 250 pounds\*\*

Daily consumption rate 6-12% (average 10% equals 25 pounds per day)\*

1995 daily consumption: 750,000 pounds of fish

1995 annual consumption: 417,250,000 pounds

1/2 of diet rockfish: 208,625,000 pounds

Harbor Seal population increase at 8-10 annually.\*

2002 population estimate: 55,604 to 64,297

2002 daily consumption (at 64,297): 1,607,425 pounds

1/2 diet of rockfish: 803,712 pounds

Estimated 2002 annual consumption: 293,354,880 pounds

1/2 annual diet of rockfish: 146,677,440 pounds

California Sea Lion population estimated at 160,000 to 180,000\*

Growing at an annual rate of 8-10%\*

1995 annual consumption: 1,000,000,000 pounds\*

2002 population estimate: 313,325 to 350,768

Estimated 2002 annual consumption: 2,000,000,000

Annual Rockfish lands by commercial fishermen:

1995: 17,573,128 pounds \*\*\*

2000: 6,670,821 pounds (thornyheads:2,732,687/others 3,938,134)\*\*\*\*

Sources:

\* DFG

\*\* NMFS

\*\*\* California Statistical abstract commercial fish landings 1995

\*\*\*\* PacFIN preliminary database April 2001

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