

TABLE X-29B.—ANNUAL COMMERCIAL FISHING GROSS REVENUES LOST DUE TO IMPINGEMENT AT OCEAN FACILITIES IN THE NORTHERN CALIFORNIA REGION—Continued

| Species | Estimated pounds of harvest lost | Estimated Value of Harvest Lost (in dollars) | | |
|-------------------|----------------------------------|--|-----------------------------------|-----------------------------------|
| | | Undiscounted | Discounted using 3% discount rate | Discounted using 7% discount rate |
| Flounders | 210 | 65 | 62 | 59 |
| Rock crabs | 1 | 1 | 1 | 1 |
| Rockfishes | 592 | 325 | 256 | 191 |
| Sculpins | 1 | 3 | 3 | 3 |
| Surfperches | 9 | 13 | 12 | 11 |
| Total | 2,424 | 2,920 | 2,699 | 2,454 |

TABLE X-30A.—ANNUAL COMMERCIAL FISHING GROSS REVENUES LOST DUE TO ENTRAINMENT AT ESTUARY FACILITIES IN THE NORTHERN CALIFORNIA REGION

| Species | Estimated pounds of harvest lost | Estimated value of harvest lost (in dollars) | | |
|--------------------------|----------------------------------|--|-----------------------------------|-----------------------------------|
| | | Undiscounted | Discounted using 3% discount rate | Discounted using 7% discount rate |
| Anchovies | 525 | \$42 | \$39 | \$36 |
| Cabazon | 25 | 82 | 69 | 55 |
| California halibut | 1,076 | 2,701 | 2,145 | 1,600 |
| Croakers | 0 | 0 | 0 | 0 |
| Dungeness | 37,273 | 57,400 | 52,594 | 47,024 |
| Flounders | 192 | 59 | 55 | 50 |
| Herrings | 69,974 | 14,695 | 12,864 | 10,893 |
| Rock crabs | 490 | 558 | 492 | 419 |
| Rockfishes | 10 | 6 | 4 | 3 |
| Sculpins | 2,096 | 5,490 | 5,087 | 4,612 |
| Smelts | 15 | 4 | 4 | 3 |
| Total | 111,675 | 81,039 | 73,353 | 64,696 |

TABLE X-30B.—ANNUAL COMMERCIAL FISHING GROSS REVENUES LOST DUE TO ENTRAINMENT AT OCEAN FACILITIES IN THE NORTHERN CALIFORNIA REGION

| Species | Estimated pounds of harvest lost | Estimated value of harvest lost (in dollars) | | |
|--------------------------|----------------------------------|--|-----------------------------------|-----------------------------------|
| | | Undiscounted | Discounted using 3% discount rate | Discounted using 7% discount rate |
| Anchovies | 8 | \$1 | \$1 | \$1 |
| Cabazon | 179 | 595 | 495 | 394 |
| California halibut | 2,816 | 7,067 | 5,604 | 4,177 |
| Croakers | 0 | 0 | 0 | 0 |
| Flounders | 427 | 132 | 123 | 112 |
| Herrings | 39,634 | 8,323 | 7,286 | 6,170 |
| Rock crabs | 12,467 | 14,212 | 12,532 | 10,659 |
| Rockfishes | 243 | 134 | 102 | 73 |
| Sculpins | 621 | 1,627 | 1,507 | 1,366 |
| Smelts | 18 | 5 | 4 | 4 |
| Total | 56,413 | 32,096 | 27,655 | 22,956 |

6. Total Recreational and Commercial Losses from Baseline Impingement and Entrainment in the Northern California Region

Table X-31 presents EPA's estimates of total baseline welfare losses from

impingement and entrainment at cooling water intake structures in the Northern California region. Total commercial and recreational fishing losses are 1.5 million per year for all species and fishing modes, before

discounting. Discounting these total baseline welfare losses by 3% and 7% yields total losses of \$1.3 million and \$1.1 million, respectively.