

Crab Gear/ Marine Mammal Interaction

70th Annual Meeting

Pacific States Marine Fisheries Commission

Sheraton San Diego, Bay Tower San Diego, CA



August 21, 2017

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| | Round weight (mt) | | | | |
|------------------|-------------------|----------------|----------------|----------------|----------------|
| Management group | 2012 | 2013 | 2014 | 2015 | 2016 |
| Dungeness | 23,371 | 38,717 | 22,572 | 9,291 | 28,876 |
| Other crab | 831 | 928 | 1,134 | 1,079 | 670 |
| Coastal pelagics | 209,187 | 186,160 | 150,145 | 65,516 | 50,035 |
| Groundfish | 24,485 | 24,726 | 22,861 | 25,297 | 25,425 |
| Whiting | 66,368 | 103,161 | 98,834 | 58,011 | 87,091 |
| Highly migratory | 14,537 | 13,585 | 14,667 | 13,266 | 12,458 |
| Salmon | 11,349 | 26,092 | 16,987 | 11,973 | 8,633 |
| Shellfish | 1,942 | 2,077 | 2,204 | 2,359 | 2,306 |
| Shrimp | 30,145 | 32,496 | 42,357 | 47,844 | 25,045 |
| Other species | 10,440 | 11,374 | 9,978 | 8,715 | 7,210 |
| Total | 392,653 | 439,316 | 381,739 | 243,350 | 247,749 |

| | Revenue (million \$s) | | | | |
|------------------|-----------------------|--------------|--------------|--------------|--------------|
| Management group | 2012 | 2013 | 2014 | 2015 | 2016 |
| Dungeness | \$175 | \$247 | \$196 | \$102 | \$220 |
| Other crab | 3 | 3 | 4 | 4 | 2 |
| Coastal pelagics | 87 | 93 | 87 | 29 | 43 |
| Groundfish | 54 | 48 | 51 | 59 | 61 |
| Whiting | 20 | 28 | 24 | 10 | 13 |
| Highly migratory | 49 | 45 | 39 | 37 | 47 |
| Salmon | 49 | 78 | 71 | 48 | 41 |
| Shellfish | 51 | 43 | 49 | 44 | 50 |
| Shrimp | 40 | 42 | 61 | 88 | 48 |
| Other species | 42 | 42 | 45 | 42 | 40 |
| Total | \$569 | \$669 | \$626 | \$462 | \$564 |

| | Number of tickets | | | | |
|-------------------------|--------------------------|----------------|----------------|----------------|----------------|
| Management group | 2012 | 2013 | 2014 | 2015 | 2016 |
| All crab* | 29,770 | 35,413 | 32,017 | 22,072 | 27,492 |
| Coastal pelagics | 8,039 | 6,941 | 6,778 | 3,870 | 4,274 |
| Groundfish | 17,869 | 17,690 | 17,653 | 18,678 | 16,275 |
| Whiting | 1,103 | 1,311 | 1,282 | 970 | 1,226 |
| Highly migratory | 4,595 | 3,560 | 3,547 | 3,915 | 4,026 |
| Salmon | 22,309 | 25,487 | 25,618 | 20,812 | 14,381 |
| Shellfish | 5,816 | 7,564 | 7,718 | 6,853 | 7,731 |
| Shrimp | 6,521 | 6,739 | 6,880 | 7,497 | 6,414 |
| Other species | 32,448 | 33,146 | 31,408 | 29,513 | 26,739 |
| Total | 128,470 | 137,851 | 132,901 | 114,180 | 108,558 |

| Number of vessels | | | | | |
|--------------------------|--------------|--------------|--------------|--------------|--------------|
| Management group | 2012 | 2013 | 2014 | 2015 | 2016 |
| All crab* | 1,291 | 1,304 | 1,286 | 1,205 | 1,239 |
| Coastal pelagics | 266 | 246 | 255 | 299 | 234 |
| Groundfish | 1,041 | 1,020 | 1,109 | 1,248 | 1,166 |
| Whiting | 77 | 69 | 70 | 77 | 81 |
| Highly migratory | 920 | 802 | 748 | 765 | 732 |
| Salmon | 1,579 | 1,659 | 1,728 | 1,608 | 1,294 |
| Shellfish | 14 | 12 | 17 | 21 | 23 |
| Shrimp | 182 | 181 | 181 | 185 | 184 |
| Other species | 1,474 | 1,400 | 1,360 | 1,351 | 1,279 |
| Total | 6,844 | 6,693 | 6,754 | 6,759 | 6,232 |

| Number of Dealers | | | | | |
|--------------------------|--------------|--------------|--------------|--------------|--------------|
| Management group | 2012 | 2013 | 2014 | 2015 | 2016 |
| All crab* | 386 | 424 | 413 | 385 | 385 |
| Coastal pelagics | 91 | 90 | 99 | 131 | 107 |
| Groundfish | 325 | 315 | 317 | 356 | 340 |
| Whiting | 26 | 20 | 29 | 29 | 23 |
| Highly migratory | 304 | 277 | 282 | 269 | 245 |
| Salmon | 358 | 345 | 365 | 353 | 296 |
| Shellfish | 46 | 49 | 46 | 55 | 53 |
| Shrimp | 121 | 120 | 130 | 121 | 129 |
| Other species | 420 | 425 | 429 | 464 | 421 |
| Total | 2,077 | 2,065 | 2,110 | 2,163 | 1,999 |