

Table 6. Comparison of age composition, weight, and length (AWL) data from the sac roe herring fishery, Kodiak Management Area, 1989-1996.

| YEAR  | Age Class |      |      |      |      |      |      |      |      |     | Average | N     |
|---|-----------|------|------|------|------|------|------|------|------|-----|---------|-------|
|   | 2         | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11+ |         |       |
| <b><i>Percent at Age</i></b>                |           |      |      |      |      |      |      |      |      |     |         |       |
| 1989  | 0.3       | 7.1  | 6.2  | 42.0 | 19.3 | 1.0  | 10.0 | 4.5  | 8.5  | 1.1 |         | 3,026 |
| 1990  | 0.7       | 52.0 | 3.7  | 3.3  | 20.4 | 8.5  | 0.6  | 3.0  | 2.6  | 5.2 |         | 7,672 |
| 1991  | <0.1      | 26.3 | 49.4 | 2.6  | 1.4  | 8.7  | 5.2  | 0.6  | 2.7  | 3.0 |         | 5,498 |
| 1992  | 0.5       | 2.9  | 62.3 | 26.9 | 2.0  | 0.7  | 2.0  | 1.2  | <0.1 | 1.4 |         | 9,325 |
| 1993  | 0.3       | 8.7  | 4.5  | 63.5 | 18.2 | 1.2  | 0.2  | 1.6  | 0.8  | 1.0 |         | 7,396 |
| 1994  | 0.1       | 11.5 | 11.6 | 3.8  | 42.4 | 24.5 | 1.9  | 0.7  | 2.0  | 1.5 |         | 6,965 |
| 1995  | 0.3       | 3.2  | 16.0 | 8.9  | 2.2  | 37.4 | 28.3 | 0.7  | 0.4  | 2.3 |         | 3,775 |
| 1996  | 0.6       | 38.6 | 6.2  | 11.4 | 5.0  | 1.8  | 23.3 | 10.4 | 0.5  | 1.7 |         | 6,890 |
| <b><i>Average Weights (Grams)</i></b>       |           |      |      |      |      |      |      |      |      |     |         |       |
| 1989  | 60        | 85   | 130  | 176  | 224  | 251  | 269  | 271  | 276  | 284 | 199     | 2,569 |
| 1990  | 52        | 95   | 141  | 167  | 191  | 248  | 229  | 280  | 283  | 290 | 152     | 4,885 |
| 1991  | 53        | 81   | 137  | 169  | 191  | 221  | 255  | 261  | 301  | 292 | 153     | 4,239 |
| 1992  | 40        | 87   | 114  | 176  | 201  | 226  | 247  | 284  | 283  | 303 | 140     | 8,139 |
| 1993  | 58        | 94   | 134  | 144  | 203  | 226  | 226  | 250  | 281  | 310 | 156     | 6,852 |
| 1994  | 78        | 99   | 129  | 166  | 182  | 251  | 251  | 256  | 282  | 316 | 188     | 6,836 |
| 1995  | 49        | 109  | 146  | 166  | 200  | 208  | 264  | 270  | 270  | 310 | 209     | 3,763 |
| 1996  | 52        | 93   | 132  | 187  | 193  | 227  | 230  | 294  | 284  | 305 | 171     | 6,768 |
| <b><i>Average Lengths (Millimeters)</i></b> |           |      |      |      |      |      |      |      |      |     |         |       |
| 1989  | 168       | 185  | 210  | 227  | 247  | 254  | 259  | 259  | 260  | 263 | 235     | 3,026 |
| 1990  | 158       | 188  | 214  | 226  | 232  | 250  | 245  | 261  | 258  | 260 | 212     | 7,671 |
| 1991  | 166       | 184  | 215  | 225  | 235  | 244  | 251  | 257  | 266  | 263 | 215     | 5,497 |
| 1992  | 162       | 194  | 202  | 231  | 240  | 250  | 254  | 264  | 265  | 268 | 214     | 9,323 |
| 1993  | 161       | 191  | 211  | 216  | 240  | 247  | 244  | 254  | 261  | 264 | 219     | 7,394 |
| 1994  | 175       | 194  | 211  | 227  | 231  | 253  | 252  | 253  | 259  | 267 | 231     | 6,965 |
| 1995  | 163       | 201  | 220  | 228  | 241  | 243  | 261  | 264  | 265  | 272 | 242     | 3,774 |
| 1996  | 158       | 192  | 212  | 235  | 236  | 248  | 247  | 266  | 261  | 268 | 223     | 6,803 |

