All SR SIT DSM Summary Tables - BA

2023-11-07

##### ’

## BA

### Population Abundance, Growth

**Table** **:** Table BA.1. Predicted annual total spring-run spawner abundance in the Central Valley, including both natural- and hatchery-origin fish.

| Year | EXP1 | EXP3 | NAA | Alt2wTUCPwoVA | Alt2woTUCPwoVA | Alt2woTUCPDeltaVA | Alt2woTUCPAllVA |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1980 | 14889 | 14887 | 14886 | 14886 | 14886 | 14886 | 14886 |
| 1981 | 13041 | 13045 | 13045 | 13045 | 13045 | 13045 | 13045 |
| 1982 | 13242 | 13139 | 13094 | 13098 | 13098 | 13109 | 13134 |
| 1983 | 16213 | 15968 | 15808 | 15819 | 15819 | 15837 | 15881 |
| 1984 | 16135 | 15952 | 15749 | 15759 | 15759 | 15764 | 15777 |
| 1985 | 14933 | 14816 | 14600 | 14604 | 14604 | 14601 | 14595 |
| 1986 | 13255 | 13111 | 12862 | 12858 | 12859 | 12854 | 12863 |
| 1987 | 14743 | 14676 | 14297 | 14320 | 14320 | 14314 | 14356 |
| 1988 | 20008 | 19998 | 19576 | 19637 | 19637 | 19640 | 19713 |
| 1989 | 18408 | 18325 | 18234 | 18277 | 18277 | 18283 | 18354 |
| 1990 | 13716 | 13517 | 13536 | 13552 | 13553 | 13575 | 13602 |
| 1991 | 14492 | 14127 | 13976 | 14025 | 14027 | 14068 | 14081 |
| 1992 | 15958 | 15444 | 15275 | 15425 | 15476 | 15465 | 15528 |
| 1993 | 16758 | 16202 | 16086 | 16275 | 16412 | 16299 | 16374 |
| 1994 | 18607 | 18142 | 18044 | 18126 | 18218 | 18099 | 18143 |
| 1995 | 17255 | 16976 | 16891 | 16890 | 16860 | 16828 | 16862 |
| 1996 | 15057 | 14826 | 14757 | 14762 | 14728 | 14731 | 14760 |
| 1997 | 18618 | 18270 | 18116 | 18121 | 18122 | 18116 | 18128 |
| 1998 | 19919 | 19592 | 19404 | 19400 | 19401 | 19399 | 19397 |
| 1999 | 18239 | 18032 | 17936 | 17936 | 17938 | 17938 | 17937 |

##### ’

**Table** **:** Table BA.2. Predicted annual natural-origin spring-run spawner abundance in the Central Valley.

| Year | EXP1 | EXP3 | NAA | Alt2wTUCPwoVA | Alt2woTUCPwoVA | Alt2woTUCPDeltaVA | Alt2woTUCPAllVA |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1980 | 9565 | 9563 | 9561 | 9562 | 9562 | 9562 | 9562 |
| 1981 | 7709 | 7711 | 7712 | 7712 | 7712 | 7712 | 7712 |
| 1982 | 7919 | 7816 | 7771 | 7775 | 7775 | 7786 | 7811 |
| 1983 | 10890 | 10645 | 10485 | 10496 | 10496 | 10514 | 10558 |
| 1984 | 10811 | 10628 | 10424 | 10434 | 10434 | 10439 | 10452 |
| 1985 | 9600 | 9483 | 9267 | 9270 | 9270 | 9268 | 9261 |
| 1986 | 7932 | 7788 | 7539 | 7535 | 7536 | 7531 | 7540 |
| 1987 | 9411 | 9342 | 8964 | 8987 | 8987 | 8981 | 9023 |
| 1988 | 14674 | 14664 | 14243 | 14303 | 14303 | 14306 | 14379 |
| 1989 | 13075 | 12991 | 12901 | 12944 | 12944 | 12950 | 13020 |
| 1990 | 8387 | 8187 | 8206 | 8222 | 8223 | 8245 | 8272 |
| 1991 | 9159 | 8794 | 8643 | 8692 | 8694 | 8735 | 8748 |
| 1992 | 10625 | 10111 | 9942 | 10092 | 10143 | 10131 | 10195 |
| 1993 | 11433 | 10878 | 10762 | 10950 | 11088 | 10975 | 11049 |
| 1994 | 13274 | 12807 | 12710 | 12792 | 12885 | 12766 | 12810 |
| 1995 | 11932 | 11653 | 11568 | 11567 | 11537 | 11505 | 11539 |
| 1996 | 9734 | 9501 | 9434 | 9439 | 9405 | 9408 | 9437 |
| 1997 | 13289 | 12945 | 12791 | 12796 | 12797 | 12792 | 12804 |
| 1998 | 14596 | 14269 | 14081 | 14077 | 14078 | 14076 | 14074 |
| 1999 | 12915 | 12707 | 12611 | 12611 | 12613 | 12614 | 12613 |

##### ’

**Table** **:** Table BA.3. Predicted mean lambda (Nt+1/Nt) for total spring-run spawner abundance in the Central Valley, including both natural- and hatchery-origin fish.

| WYT | EXP1 | EXP3 | NAA | Alt2wTUCPwoVA | Alt2woTUCPwoVA | Alt2woTUCPDeltaVA | Alt2woTUCPAllVA |
| --- | --- | --- | --- | --- | --- | --- | --- |
| C | 1.074 | 1.072 | 1.072 | 1.072 | 1.072 | 1.072 | 1.072 |
| D | 0.958 | 0.960 | 0.962 | 0.962 | 0.962 | 0.962 | 0.962 |
| AN | 1.050 | 1.049 | 1.053 | 1.055 | 1.060 | 1.054 | 1.054 |
| W | 1.016 | 1.016 | 1.013 | 1.013 | 1.013 | 1.013 | 1.013 |
| All | 1.011 | 1.010 | 1.010 | 1.010 | 1.010 | 1.010 | 1.010 |

##### ’

**Table** **:** Table BA.4. Predicted end lambda (Nt=19/Nt=1) for total spring-run spawner abundance in the Central Valley, including both natural- and hatchery-origin fish.

| EXP1 | EXP3 | NAA | Alt2wTUCPwoVA | Alt2woTUCPwoVA | Alt2woTUCPDeltaVA | Alt2woTUCPAllVA |
| --- | --- | --- | --- | --- | --- | --- |
| 1.225 | 1.211 | 1.205 | 1.205 | 1.205 | 1.205 | 1.205 |

##### ’

##### ’

##### ’

### Demographic Parameters

**Table** **:** Table BA.5. Predicted small juvenile rearing survival for spring-run Chinook salmon in the Upper Sacramento River.

| WYT | Month | Alt2wTUCPwoVA | Alt2woTUCPAllVA | Alt2woTUCPDeltaVA | Alt2woTUCPwoVA | EXP1 | EXP3 | NAA |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| All | 11 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| All | 12 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| All | 1 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| All | 2 | 0.020 | 0.020 | 0.020 | 0.020 | 0.021 | 0.020 | 0.020 |
| All | 3 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| All | 4 | 0.019 | 0.019 | 0.019 | 0.019 | 0.019 | 0.019 | 0.019 |
| All | 5 | 0.019 | 0.019 | 0.019 | 0.019 | 0.013 | 0.019 | 0.019 |
| C | 11 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| C | 12 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| C | 1 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| C | 2 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| C | 3 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| C | 4 | 0.019 | 0.019 | 0.019 | 0.019 | 0.018 | 0.018 | 0.019 |
| C | 5 | 0.020 | 0.020 | 0.020 | 0.020 | 0.009 | 0.018 | 0.019 |
| D | 11 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| D | 12 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| D | 1 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| D | 2 | 0.020 | 0.020 | 0.020 | 0.020 | 0.021 | 0.020 | 0.020 |
| D | 3 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| D | 4 | 0.018 | 0.018 | 0.018 | 0.018 | 0.019 | 0.018 | 0.018 |
| D | 5 | 0.019 | 0.019 | 0.019 | 0.019 | 0.004 | 0.019 | 0.018 |
| AN | 11 | 0.021 | 0.021 | 0.021 | 0.021 | 0.022 | 0.022 | 0.022 |
| AN | 12 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| AN | 1 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| AN | 2 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 |
| AN | 3 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| AN | 4 | 0.019 | 0.019 | 0.019 | 0.019 | 0.020 | 0.020 | 0.019 |
| AN | 5 | 0.019 | 0.019 | 0.019 | 0.019 | 0.019 | 0.019 | 0.019 |
| W | 11 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| W | 12 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| W | 1 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| W | 2 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| W | 3 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| W | 4 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| W | 5 | 0.019 | 0.019 | 0.019 | 0.019 | 0.018 | 0.019 | 0.019 |

##### ’

**Table** **:** Table BA.6. Predicted smolt migratory survival for spring-run Chinook salmon in the Upper-mid Sacramento River.

| WYT | Month | EXP1 | EXP3 | NAA | Alt2wTUCPwoVA | Alt2woTUCPwoVA | Alt2woTUCPDeltaVA | Alt2woTUCPAllVA |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| All | 11 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 12 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 2 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 3 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 4 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 5 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 11 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 12 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 |
| C | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 2 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 3 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 4 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 5 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 11 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 12 | 1.000 | 1.000 | 0.999 | 1.000 | 1.000 | 0.999 | 0.999 |
| D | 1 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 |
| D | 2 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 3 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 4 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 5 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 11 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 12 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 2 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 3 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 4 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 5 | 1.000 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 11 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 12 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 2 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 3 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 4 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 5 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

##### ’

**Table** **:** Table BA.7. Predicted smolt migratory survival for spring-run Chinook salmon in the Lower-mid Sacramento River.

| WYT | Month | EXP1 | EXP3 | NAA | Alt2wTUCPwoVA | Alt2woTUCPwoVA | Alt2woTUCPDeltaVA | Alt2woTUCPAllVA |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| All | 11 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 12 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 1 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 2 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 3 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 4 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| All | 5 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 11 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 12 | 1 | 1.000 | 0.999 | 0.999 | 0.999 | 1.000 | 1.000 |
| C | 1 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 2 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 3 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 4 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| C | 5 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 11 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 12 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 1 | 1 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 |
| D | 2 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 3 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 4 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| D | 5 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 11 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 12 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 1 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 2 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 3 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 4 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| AN | 5 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 11 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 12 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 1 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 2 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 3 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 4 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| W | 5 | 1 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

##### ’

**Table** **:** Table BA.8. Predicted smolt migratory survival for spring-run Chinook salmon in the Lower Sacramento River.

| WYT | Month | EXP1 | EXP3 | NAA | Alt2wTUCPwoVA | Alt2woTUCPwoVA | Alt2woTUCPDeltaVA | Alt2woTUCPAllVA |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| All | 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| All | 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| All | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| All | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| All | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| All | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| All | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| C | 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| C | 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| C | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| C | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| C | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| C | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| C | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| D | 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| D | 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| D | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| D | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| D | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| D | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| D | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AN | 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AN | 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AN | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AN | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AN | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AN | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AN | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| W | 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| W | 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| W | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| W | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| W | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| W | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| W | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

##### ’

**Table** **:** Table BA.9. Predicted smolt migratory survival for spring-run Chinook salmon in the North Delta.

| WYT | Month | EXP1 | EXP3 | NAA | Alt2wTUCPwoVA | Alt2woTUCPwoVA | Alt2woTUCPDeltaVA | Alt2woTUCPAllVA |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| All | 11 | 0.912 | 0.921 | 0.919 | 0.920 | 0.920 | 0.920 | 0.920 |
| All | 12 | 0.922 | 0.923 | 0.920 | 0.920 | 0.920 | 0.920 | 0.920 |
| All | 1 | 0.924 | 0.924 | 0.923 | 0.923 | 0.923 | 0.923 | 0.923 |
| All | 2 | 0.931 | 0.930 | 0.930 | 0.929 | 0.930 | 0.930 | 0.929 |
| All | 3 | 0.932 | 0.930 | 0.930 | 0.930 | 0.930 | 0.930 | 0.930 |
| All | 4 | 0.926 | 0.922 | 0.922 | 0.923 | 0.924 | 0.924 | 0.924 |
| All | 5 | 0.913 | 0.917 | 0.919 | 0.919 | 0.919 | 0.919 | 0.920 |
| C | 11 | 0.899 | 0.916 | 0.911 | 0.912 | 0.913 | 0.914 | 0.913 |
| C | 12 | 0.913 | 0.916 | 0.912 | 0.912 | 0.912 | 0.911 | 0.912 |
| C | 1 | 0.913 | 0.915 | 0.916 | 0.918 | 0.915 | 0.914 | 0.914 |
| C | 2 | 0.926 | 0.925 | 0.926 | 0.926 | 0.926 | 0.926 | 0.926 |
| C | 3 | 0.927 | 0.924 | 0.924 | 0.924 | 0.924 | 0.924 | 0.924 |
| C | 4 | 0.918 | 0.913 | 0.912 | 0.915 | 0.917 | 0.917 | 0.918 |
| C | 5 | 0.901 | 0.909 | 0.910 | 0.912 | 0.912 | 0.912 | 0.913 |
| D | 11 | 0.913 | 0.921 | 0.921 | 0.920 | 0.920 | 0.921 | 0.921 |
| D | 12 | 0.919 | 0.919 | 0.917 | 0.918 | 0.918 | 0.917 | 0.917 |
| D | 1 | 0.918 | 0.917 | 0.914 | 0.915 | 0.915 | 0.915 | 0.915 |
| D | 2 | 0.927 | 0.925 | 0.923 | 0.923 | 0.923 | 0.923 | 0.923 |
| D | 3 | 0.931 | 0.930 | 0.928 | 0.928 | 0.928 | 0.928 | 0.928 |
| D | 4 | 0.923 | 0.917 | 0.919 | 0.919 | 0.919 | 0.920 | 0.921 |
| D | 5 | 0.894 | 0.910 | 0.917 | 0.917 | 0.917 | 0.917 | 0.917 |
| AN | 11 | 0.900 | 0.914 | 0.916 | 0.917 | 0.918 | 0.918 | 0.918 |
| AN | 12 | 0.920 | 0.924 | 0.917 | 0.917 | 0.917 | 0.917 | 0.917 |
| AN | 1 | 0.931 | 0.930 | 0.928 | 0.928 | 0.928 | 0.928 | 0.928 |
| AN | 2 | 0.935 | 0.934 | 0.934 | 0.934 | 0.934 | 0.934 | 0.934 |
| AN | 3 | 0.935 | 0.935 | 0.934 | 0.934 | 0.934 | 0.934 | 0.934 |
| AN | 4 | 0.931 | 0.927 | 0.927 | 0.927 | 0.927 | 0.927 | 0.927 |
| AN | 5 | 0.926 | 0.921 | 0.921 | 0.921 | 0.921 | 0.921 | 0.922 |
| W | 11 | 0.922 | 0.924 | 0.925 | 0.924 | 0.924 | 0.924 | 0.924 |
| W | 12 | 0.928 | 0.928 | 0.927 | 0.927 | 0.927 | 0.927 | 0.927 |
| W | 1 | 0.931 | 0.930 | 0.929 | 0.929 | 0.929 | 0.929 | 0.929 |
| W | 2 | 0.934 | 0.934 | 0.933 | 0.933 | 0.933 | 0.933 | 0.933 |
| W | 3 | 0.934 | 0.933 | 0.933 | 0.933 | 0.933 | 0.933 | 0.933 |
| W | 4 | 0.931 | 0.928 | 0.928 | 0.928 | 0.928 | 0.928 | 0.928 |
| W | 5 | 0.926 | 0.924 | 0.924 | 0.924 | 0.924 | 0.924 | 0.924 |

##### ’

**Table** **:** Table BA.10. Predicted smolt migratory survival for spring-run Chinook salmon in the South Delta.

| WYT | Month | EXP1 | EXP3 | NAA | Alt2wTUCPwoVA | Alt2woTUCPwoVA | Alt2woTUCPDeltaVA | Alt2woTUCPAllVA |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| All | 11 | 0.301 | 0.326 | 0.329 | 0.331 | 0.332 | 0.333 | 0.333 |
| All | 12 | 0.402 | 0.411 | 0.379 | 0.381 | 0.381 | 0.379 | 0.379 |
| All | 1 | 0.455 | 0.446 | 0.438 | 0.443 | 0.440 | 0.439 | 0.439 |
| All | 2 | 0.487 | 0.467 | 0.470 | 0.469 | 0.472 | 0.470 | 0.468 |
| All | 3 | 0.505 | 0.475 | 0.469 | 0.468 | 0.467 | 0.467 | 0.468 |
| All | 4 | 0.422 | 0.360 | 0.365 | 0.369 | 0.372 | 0.372 | 0.378 |
| All | 5 | 0.343 | 0.331 | 0.345 | 0.347 | 0.347 | 0.345 | 0.349 |
| C | 11 | 0.205 | 0.258 | 0.251 | 0.254 | 0.258 | 0.256 | 0.255 |
| C | 12 | 0.295 | 0.302 | 0.278 | 0.278 | 0.278 | 0.279 | 0.279 |
| C | 1 | 0.330 | 0.321 | 0.323 | 0.341 | 0.327 | 0.325 | 0.324 |
| C | 2 | 0.374 | 0.349 | 0.366 | 0.362 | 0.374 | 0.361 | 0.361 |
| C | 3 | 0.401 | 0.338 | 0.346 | 0.342 | 0.343 | 0.342 | 0.344 |
| C | 4 | 0.284 | 0.244 | 0.248 | 0.262 | 0.276 | 0.273 | 0.279 |
| C | 5 | 0.239 | 0.245 | 0.250 | 0.260 | 0.260 | 0.260 | 0.268 |
| D | 11 | 0.308 | 0.320 | 0.324 | 0.321 | 0.321 | 0.332 | 0.331 |
| D | 12 | 0.342 | 0.351 | 0.323 | 0.331 | 0.331 | 0.322 | 0.322 |
| D | 1 | 0.352 | 0.336 | 0.324 | 0.330 | 0.330 | 0.329 | 0.330 |
| D | 2 | 0.400 | 0.343 | 0.343 | 0.341 | 0.342 | 0.345 | 0.339 |
| D | 3 | 0.488 | 0.455 | 0.412 | 0.413 | 0.413 | 0.412 | 0.414 |
| D | 4 | 0.361 | 0.287 | 0.310 | 0.310 | 0.310 | 0.314 | 0.329 |
| D | 5 | 0.222 | 0.253 | 0.308 | 0.306 | 0.306 | 0.300 | 0.301 |
| AN | 11 | 0.221 | 0.246 | 0.272 | 0.290 | 0.291 | 0.292 | 0.292 |
| AN | 12 | 0.348 | 0.389 | 0.308 | 0.306 | 0.306 | 0.306 | 0.306 |
| AN | 1 | 0.536 | 0.530 | 0.492 | 0.496 | 0.496 | 0.497 | 0.497 |
| AN | 2 | 0.576 | 0.573 | 0.566 | 0.565 | 0.565 | 0.565 | 0.565 |
| AN | 3 | 0.569 | 0.564 | 0.559 | 0.558 | 0.550 | 0.552 | 0.552 |
| AN | 4 | 0.501 | 0.410 | 0.402 | 0.401 | 0.398 | 0.399 | 0.412 |
| AN | 5 | 0.403 | 0.337 | 0.342 | 0.340 | 0.340 | 0.337 | 0.351 |
| W | 11 | 0.370 | 0.384 | 0.388 | 0.388 | 0.388 | 0.386 | 0.386 |
| W | 12 | 0.500 | 0.504 | 0.477 | 0.477 | 0.477 | 0.477 | 0.477 |
| W | 1 | 0.553 | 0.546 | 0.539 | 0.539 | 0.539 | 0.539 | 0.539 |
| W | 2 | 0.569 | 0.565 | 0.564 | 0.564 | 0.564 | 0.564 | 0.564 |
| W | 3 | 0.556 | 0.540 | 0.542 | 0.542 | 0.542 | 0.542 | 0.542 |
| W | 4 | 0.507 | 0.445 | 0.446 | 0.447 | 0.447 | 0.447 | 0.447 |
| W | 5 | 0.442 | 0.412 | 0.415 | 0.416 | 0.416 | 0.415 | 0.415 |

##### ’