

Table 4.—Annual abundance estimates for **late-run** Kenai River Chinook salmon 75 cm METF and longer obtained by fitting a state-space model to data from 1979-2015.

Year	Total run (CV)	Inriver run (CV)	Escapement (CV)	Recruitment (CV)
1979	—	—	—	51,903 (0.60)
1980	—	—	—	40,003 (0.22)
1981	—	—	—	92,417 (0.16)
1982	—	—	—	80,767 (0.17)
1983	—	—	—	37,959 (0.19)
1984	—	—	—	35,395 (0.19)
1985	—	—	—	33,505 (0.18)
1986	60,707 (0.18)	49,957 (0.22)	40,972 (0.26)	52,117 (0.17)
1987	75,072 (0.17)	60,130 (0.21)	47,070 (0.27)	59,676 (0.17)
1988	70,835 (0.18)	61,342 (0.21)	41,572 (0.30)	55,907 (0.17)
1989	41,725 (0.20)	34,828 (0.23)	25,336 (0.32)	38,640 (0.17)
1990	33,185 (0.20)	30,253 (0.22)	24,478 (0.27)	40,111 (0.13)
1991	37,783 (0.18)	33,876 (0.20)	26,303 (0.26)	50,992 (0.11)
1992	51,494 (0.18)	44,071 (0.21)	36,583 (0.25)	45,463 (0.16)
1993	59,897 (0.18)	50,019 (0.21)	32,448 (0.32)	43,137 (0.16)
1994	53,541 (0.18)	43,010 (0.22)	25,033 (0.37)	40,287 (0.17)
1995	43,622 (0.17)	35,630 (0.21)	24,016 (0.30)	48,753 (0.19)
1996	44,214 (0.12)	36,457 (0.14)	28,806 (0.18)	52,404 (0.16)
1997	45,388 (0.12)	37,110 (0.14)	24,822 (0.21)	65,395 (0.15)
1998	43,261 (0.17)	39,527 (0.19)	32,560 (0.23)	85,907 (0.16)
1999	45,948 (0.16)	39,454 (0.19)	28,520 (0.26)	97,451 (0.17)
2000	42,039 (0.18)	38,432 (0.20)	24,923 (0.31)	60,123 (0.19)
2001	45,973 (0.21)	41,970 (0.23)	28,442 (0.34)	41,366 (0.17)
2002	56,303 (0.15)	50,372 (0.17)	40,381 (0.22)	45,349 (0.20)
2003	68,512 (0.16)	62,615 (0.17)	48,278 (0.22)	32,442 (0.15)
2004	92,115 (0.16)	78,280 (0.19)	65,084 (0.23)	17,445 (0.10)
2005	84,751 (0.18)	71,099 (0.21)	54,669 (0.27)	28,511 (0.06)
2006	57,634 (0.19)	50,067 (0.22)	38,619 (0.29)	21,369 (0.08)
2007	44,736 (0.15)	37,872 (0.18)	29,461 (0.23)	18,982 (0.07)
2008	43,069 (0.22)	37,329 (0.25)	27,545 (0.34)	13,110 (0.08)
2009	28,244 (0.14)	25,137 (0.16)	17,992 (0.23)	21,093 (0.07)
2010	22,247 (0.04)	18,531 (0.04)	13,035 (0.06)	23,513 (0.24)
2011	26,412 (0.04)	21,689 (0.04)	15,742 (0.06)	—
2012	23,311 (0.04)	22,622 (0.04)	22,455 (0.04)	—
2013	14,413 (0.03)	13,329 (0.03)	12,308 (0.03)	—
2014	13,445 (0.04)	12,304 (0.03)	11,972 (0.03)	—
2015	22,861 (0.04)	19,496 (0.04)	16,830 (0.04)	—

Note: Point estimates are posterior medians; CVs are posterior standard deviations divided by posterior means. Recruitment values are listed by brood year.

FROM: ADFG FMS 17-02

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