Modeled monthly loss at export facilities

CV spring-run Chinook salmon*

Month	Predicted loss under COS	Predicted loss under PA	PA-COS	% change
October	1	1	0	48
November	0	0	0	--
December	0	0	0	--
January	0	0	0	--
February	18	18	1	4
March	550	516	-34	-6
April	1,284	3,366	2,082	162
May	634	1,481	847	133
June	33	33	0	0
July	0	0	0	--
August	0	0	0	--
September	0	0	0	--

**2% of modeled loss of spring-run-sized Chinook*

CCV steelhead

Month	Predicted loss under COS	Predicted loss under PA	PA-COS	% change
October	175	260	85	48
November	52	60	9	17
December	167	147	-21	-12
January	5,558	5,927	369	7
February	6,696	6,992	296	4
March	7,197	6,731	-466	-6
April	2,108	5,586	3,478	165
May	1,326	3,109	1,783	134
June	975	982	7	1
July	37	36	0	-1
August	12	12	0	-1
September	17	17	0	2

CCV steelhead population context of modeled loss

- Estimated annual Delta juvenile population range late 1990's-

  100,00 - 660,000 (Nobriga and Cadrett 2001, Good et al. 2005)

- Estimated annual loss from PA: 29,858
- Estimated annual loss from COS: 24,319

  PA- Loss of 5 to 30 percent of steelhead exiting the Delta

  COS- Loss of 4 to 24 percent of steelhead exiting the Delta

- **Take Home- Potential loss of substantial portions of a cohort in poor production years**

CV spring-run population context of modeled loss

- 5-year spring-run escapement range: 1,500-14,100
  Estimated 5-year Delta juvenile population range: ~100,000-2,500,000*
- Estimated annual loss from PA: 5,415
- Estimated annual loss from COS: 2,519

  PA- Loss of 1 to 5 percent of Delta spring-run

  COS- Loss of <1 to 3 percent of Delta spring-run

- **Take Home- Potential loss of substantial portions of a cohort in poor production years**

*Conceptual estimate based on potential demographic similarities between spring-run and winter-run:
5-year winter-run escapement range: 1,200-6,400
5-year Delta juvenile population range range (JPE): 100,00-1,200,000