

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- 94,000-658,000*
- Estimated annual loss from PA: 29,858
- Estimated annual loss from COS: 24,319

PA- Loss of 5 to 32 percent of steelhead exiting the Delta

COS- Loss of 4 to 26 percent of steelhead exiting the Delta

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

*Annual Delta juvenile population range 1997-2000:
94,000-336,000 (Good et al. 2005)
413,069-658,453 (Nobriga and Cadrett 2001)

CV spring-run population context of modeled loss

- Annual estimated 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

*Conceptual estimate based on recent (previous 5 yrs) potential demographic similarities:

	Escapement	JPE
Winter-run	1,200-6,400	100,00-1,200,000
Spring-run	1,500-14,100	~100,000-2,500,000