

Table 1: Total mortality distribution of Dome Chinook among fisheries and spawning escapement by catch year. Estimates were not developed for 1999, 2004, 2007-8 due to sparse or no data.

Catch Year	SEAK AABM			NBC AABM		WCVI AABM		ISBM															Spawning Escapement	Canadian Marine Total Mortality		
								Canada										US								
	T	S	N	T	S ¹	T	S ³	Georgia St. T	Other T ³	North S ²	Central S ¹	Georgia St. S	Juan de Fuca S	WCVI Inside S ²	Terminal S	Nicola Mouth S	Lower Shuswap S	North/Central N	Terminal Commercial N	Terminal Native N	Other N	T			S	N
1995	0.0%	0.0%	0.0%	0.8%	0.0%	1.9%	0.0%	0.0%	0.0%			1.8%	5.3%		3.3%	0.0%	0.0%	0.0%	1.9%	10.4%	0.0%	0.4%	1.7%	0.0%	72.5%	25.4%
1996	0.0%	0.0%	0.0%	0.8%	1.1%	0.3%	0.0%	0.0%	0.0%			0.0%	6.1%		4.2%	0.0%	0.0%	0.0%	4.8%	34.0%	0.0%	0.0%	2.4%	0.0%	46.4%	8.4%
1997	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.3%	0.0%	0.0%			0.0%	8.5%		0.0%	0.0%	0.0%	0.0%	3.5%	27.5%	0.0%	1.7%	0.0%	1.4%	55.6%	10.4%
1998	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			1.3%	3.1%		3.9%	0.0%	0.0%	0.0%	4.9%	63.1%	0.0%	0.0%	0.0%	0.0%	23.7%	4.4%
2000	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			0.0%	15.3%		0.0%	0.0%	0.0%	0.0%	3.0%	50.3%	0.0%	2.9%	0.0%	0.0%	28.5%	15.3%
2001	0.0%	0.0%	0.0%	0.0%	1.1%	2.3%	0.0%	0.0%	0.0%			3.0%	15.9%		3.4%	0.0%	0.0%	0.0%	4.6%	44.9%	0.0%	0.4%	0.0%	0.0%	24.5%	24.3%
2002	0.0%	0.0%	0.0%	11.0%	0.0%	11.7%	0.0%	0.0%	0.0%			0.0%	11.0%		0.0%	0.0%	0.0%	0.0%	2.2%	17.2%	0.0%	3.2%	0.0%	0.0%	43.5%	36.1%
2003	0.0%	0.0%	0.0%	5.3%	0.0%	0.0%	7.2%	0.0%	0.0%			0.0%	12.5%		0.0%	0.0%	0.0%	0.0%	8.9%	51.0%	0.0%	0.0%	0.0%	0.0%	15.1%	33.3%
2005	0.0%	0.0%	0.0%	4.2%	0.0%	0.5%	0.0%	0.0%	0.0%			1.5%	2.7%		7.5%	0.0%	0.0%	0.0%	1.1%	55.5%	0.0%	0.0%	0.9%	0.0%	26.2%	8.9%
2006	0.0%	0.0%	0.0%	0.0%	0.0%	5.4%	0.0%	0.0%	0.0%			1.6%	3.2%		0.0%	0.0%	0.0%	0.0%	1.6%	55.6%	0.0%	0.7%	0.0%	0.0%	32.0%	10.2%

Table 2: Total mortality distribution of Nicola Chinook among fisheries and spawning escapement by catch year.

Catch Year	SEAK AABM			NBC AABM		WCVI AABM		ISBM															Spawning Escapement	Canadian Marine Total Mortality		
								Canada										US								
	T	S	N	T	S ¹	T	S ³	Georgia St. T	Other T ³	North S ²	Central S ¹	Georgia St. S	Juan de Fuca S	WCVI Inside S ²	Terminal S	Nicola Mouth S	Lower Shuswap S	North/Central N	Terminal Commercial N	Terminal Native N	Other N	T			S	N
1995	0.0%	0.0%	0.0%	0.1%	0.7%	1.1%	0.5%	0.0%	0.0%			0.9%	1.7%		2.1%	1.3%	0.0%	0.0%	1.4%	8.9%	1.5%	0.1%	0.3%	0.0%	79.3%	20.2%
1996	0.0%	0.0%	0.0%	4.0%	0.0%	1.3%	0.0%	0.0%	0.0%			0.0%	0.0%		0.0%	0.0%	0.0%	0.0%	1.8%	15.6%	2.7%	0.0%	0.0%	0.0%	74.7%	25.3%
1997	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			0.0%	5.5%		0.0%	4.8%	0.0%	0.3%	2.1%	9.2%	14.7%	0.0%	9.6%	0.0%	53.9%	36.5%
1998	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%			0.6%	0.6%		1.1%	5.9%	0.0%	0.0%	1.7%	19.8%	1.1%	0.0%	0.0%	0.0%	67.7%	32.3%
1999	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			0.1%	0.5%		1.8%	0.0%	0.0%	0.0%	0.8%	24.5%	0.0%	0.6%	0.0%	0.0%	71.7%	27.7%
2000	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%			0.5%	2.9%		0.8%	3.3%	0.0%	0.0%	1.6%	29.9%	0.0%	0.0%	0.0%	0.0%	59.5%	40.5%
2001	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%			0.3%	3.8%		2.0%	2.6%	0.0%	0.0%	1.0%	6.2%	0.0%	0.8%	0.0%	0.0%	82.8%	16.4%
2002	0.0%	0.0%	0.0%	1.4%	0.3%	0.8%	0.0%	0.0%	0.0%			0.3%	1.0%		0.3%	2.4%	0.0%	0.2%	0.3%	3.3%	0.0%	0.8%	0.2%	0.0%	88.7%	10.2%
2003	0.1%	0.0%	0.0%	1.9%	0.0%	0.7%	0.5%	0.0%	0.0%			0.6%	1.4%		2.8%	2.6%	0.0%	0.0%	2.5%	18.2%	0.0%	0.4%	0.0%	0.0%	68.2%	31.4%
2004	0.0%	0.0%	0.0%	2.3%	0.0%	1.8%	0.0%	0.0%	0.0%			2.4%	1.7%		0.0%	0.0%	0.0%	0.0%	1.6%	22.0%	0.0%	0.9%	0.0%	0.0%	67.3%	31.7%
2005	0.0%	0.0%	0.0%	0.9%	0.0%	3.2%	0.0%	0.0%	0.0%			2.4%	3.4%		2.7%	10.4%	0.0%	0.0%	0.5%	24.5%	0.0%	0.4%	0.0%	0.0%	51.6%	48.0%
2006	0.0%	0.0%	0.0%	1.5%	0.0%	1.8%	0.0%	0.0%	0.0%			0.0%	2.9%		0.7%	8.4%	0.0%	0.0%	0.5%	17.7%	0.0%	0.4%	0.0%	0.0%	66.1%	33.5%
2007	0.0%	0.0%	0.0%	0.0%	0.0%	6.6%	0.0%	0.0%	0.0%			0.0%	0.0%		5.3%	19.7%	0.0%	0.0%	0.2%	21.1%	0.0%	1.5%	0.0%	0.0%	45.6%	52.9%
2008	0.0%	0.0%	0.0%	1.0%	0.7%	0.0%	0.0%	0.0%	0.0%			2.1%	1.2%		1.0%	2.0%	0.0%	0.0%	0.8%	24.5%	0.0%	1.8%	0.3%	0.0%	64.7%	33.3%
2009	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%			0.0%	11.6%		18.4%	3.7%	0.0%	0.0%	0.5%	14.1%	0.0%	1.5%	0.0%	0.0%	49.8%	48.7%

Table 3: Total mortality distribution of Lower Shuswap Chinook among fisheries and spawning escapement by catch year.

Catch Year	SEAK AABM			NBC AABM		WCVI AABM		ISBM														Spawning Escapement	Canadian Marine Total Mortality				
	T	S	N	T	S ¹	T	S ³	Canada										US									
								Georgia St. T	Other T ³	North S ²	Central S ¹	Georgia St. S	Juan de Fuca S	WCVI Inside S ²	Terminal S	Nicola Mouth S	Lower Shuswap S	North/Central N	Terminal Commercial N	Terminal Native N	Other N			T	S	N	
1995	22.7%	5.2%	0.0%	15.6%	10.9%	4.7%	0.0%	0.0%	1.0%					0.0%	1.8%	0.0%	0.0%	0.8%	0.3%	2.2%	4.3%	3.6%	0.0%	0.0%	5.5%	21.4%	45.3%
1996	18.4%	0.0%	0.0%	0.6%	3.6%	0.5%	1.1%	0.0%	0.0%					0.9%	2.5%	1.4%	0.0%	0.0%	0.2%	5.9%	2.5%	0.5%	0.0%	0.0%	0.0%	62.1%	19.5%
1997	20.0%	0.0%	1.2%	12.7%	6.4%	0.5%	0.0%	0.0%	1.0%					3.8%	3.5%	0.0%	0.0%	0.0%	0.2%	25.9%	1.7%	4.2%	0.0%	0.0%	4.2%	14.7%	59.9%
1998	20.9%	8.7%	0.1%	9.0%	16.4%	0.0%	0.7%	0.0%	0.0%					4.7%	1.4%	0.0%	0.0%	0.7%	0.0%	4.6%	4.0%	0.4%	0.0%	0.0%	1.0%	27.4%	41.7%
1999	32.1%	13.4%	0.0%	1.5%	13.6%	0.0%	0.0%	0.0%	0.0%					4.7%	1.2%	0.0%	0.0%	0.7%	0.0%	1.4%	7.9%	0.0%	0.0%	0.0%	0.0%	23.6%	30.9%
2000	10.7%	10.0%	0.0%	0.0%	5.1%	0.0%	0.0%	0.0%	0.0%					2.5%	1.2%	1.4%	0.0%	0.0%	0.0%	4.4%	3.1%	0.0%	0.0%	0.4%	0.1%	61.1%	17.7%
2001	8.0%	0.3%	1.0%	0.0%	5.0%	0.0%	0.0%	0.1%	2.4%					3.2%	2.0%	0.2%	0.0%	4.8%	0.0%	0.7%	0.4%	0.7%	0.1%	0.0%	0.2%	71.0%	19.4%
2002	18.4%	3.5%	0.0%	12.9%	7.0%	1.5%	0.0%	0.0%	0.1%					1.3%	1.6%	0.0%	0.0%	0.5%	0.0%	3.6%	4.9%	0.0%	0.0%	0.0%	0.0%	44.7%	33.4%
2003	11.1%	2.3%	1.0%	9.0%	6.2%	0.0%	0.3%	0.0%	1.2%					0.8%	5.0%	1.5%	0.0%	0.3%	0.0%	2.2%	2.5%	0.0%	0.4%	0.0%	0.7%	55.6%	29.0%
2004	17.9%	2.3%	0.0%	9.4%	11.1%	0.8%	0.0%	0.0%	0.0%					3.8%	0.6%	1.4%	0.0%	0.6%	0.0%	8.3%	3.4%	0.0%	0.3%	0.0%	1.3%	38.8%	39.4%
2005	14.8%	0.8%	0.0%	12.3%	16.9%	0.4%	3.1%	0.0%	0.0%					2.1%	2.2%	2.7%	0.0%	0.9%	0.0%	0.6%	6.2%	0.0%	0.2%	0.0%	0.4%	36.3%	47.5%
2006	12.1%	2.1%	0.0%	13.5%	13.6%	0.3%	0.9%	0.0%	0.0%					5.6%	1.3%	2.6%	0.0%	0.4%	0.0%	2.2%	4.5%	0.0%	0.2%	0.0%	0.8%	39.8%	45.0%
2007	7.2%	7.4%	0.2%	3.1%	9.5%	0.0%	1.0%	0.0%	0.0%					1.4%	2.4%	5.0%	0.0%	0.0%	0.0%	0.7%	9.4%	0.0%	0.0%	0.0%	0.0%	52.8%	32.5%
2008	8.8%	0.5%	0.0%	7.6%	9.2%	0.0%	1.8%	0.0%	0.0%					3.0%	2.4%	0.9%	0.0%	2.3%	0.0%	0.2%	1.5%	0.0%	0.0%	0.0%	0.0%	61.9%	28.8%
2009	9.6%	1.2%	0.0%	6.7%	5.9%	0.7%	2.5%	0.0%	0.0%					2.6%	4.4%	1.0%	0.0%	5.4%	0.0%	0.9%	6.6%	0.0%	0.0%	0.0%	0.0%	52.3%	36.8%

Table 4: Total mortality distribution of Chilliwack Chinook among fisheries and spawning escapement by catch year.

Catch Year	SEAK AABM			NBC AABM		WCVI AABM		ISBM														Spawning Escapement	Canadian Marine Total Mortality				
	T	S	N	T	S ¹	T	S ³	Canada										US									
								Georgia St. T	Other T ³	North S ²	Central S ¹	Georgia St. S	Juan de Fuca S	WCVI Inside S ²	Terminal S	Nicola Mouth S	Lower Shuswap S	North/Central N	Terminal Commercial N	Terminal Native N	Other N			T	S	N	
1986	0.0%	0.0%	0.0%	0.8%	0.2%	20.5%	0.0%	9.5%	2.6%					17.9%	0.0%	1.0%	0.0%	0.0%	1.5%	6.2%	0.5%	4.9%	2.8%	7.8%	5.0%	18.9%	65.5%
1987	0.0%	0.0%	0.0%	0.9%	0.3%	19.0%	0.5%	16.0%	0.4%					18.7%	0.0%	1.2%	0.0%	0.0%	0.3%	0.7%	0.3%	0.9%	4.0%	2.8%	3.9%	29.9%	59.3%
1988	0.4%	0.0%	0.1%	0.2%	0.0%	18.6%	0.0%	6.6%	0.0%					11.1%	0.0%	2.6%	0.0%	0.0%	0.1%	0.8%	0.8%	0.6%	4.3%	2.9%	4.1%	46.7%	41.4%
1989	0.2%	0.0%	0.0%	0.0%	0.0%	24.1%	0.0%	1.8%	0.0%					17.8%	0.7%	0.6%	0.0%	0.0%	0.5%	1.0%	0.1%	2.1%	6.0%	1.5%	3.7%	39.8%	48.7%
1990	1.0%	0.0%	0.0%	0.0%	0.3%	11.3%	2.2%	3.7%	0.1%					10.7%	0.4%	1.0%	0.0%	0.0%	1.3%	0.7%	1.1%	1.9%	6.6%	8.5%	16.7%	32.5%	34.7%
1991	0.2%	0.0%	0.1%	0.4%	0.2%	20.0%	0.7%	9.4%	0.2%					12.8%	0.6%	1.5%	0.0%	0.0%	0.9%	1.0%	0.8%	1.9%	13.8%	5.3%	6.0%	24.3%	50.2%
1992	0.3%	0.0%	0.0%	0.1%	0.2%	20.3%	0.1%	6.7%	0.7%					9.9%	0.5%	1.2%	0.0%	0.0%	0.3%	0.1%	0.0%	0.8%	8.7%	3.7%	0.9%	45.6%	40.8%
1993	0.2%	0.0%	0.0%	0.0%	0.4%	13.3%	0.4%	8.1%	0.0%					7.1%	0.2%	1.6%	0.0%	0.0%	0.0%	1.1%	0.2%	0.1%	7.6%	1.1%	0.0%	58.7%	32.4%
1994	0.4%	0.0%	0.3%	0.7%	0.0%	8.6%	2.7%	3.4%	0.4%					5.6%	0.4%	5.2%	0.0%	0.0%	1.7%	0.3%	0.4%	4.2%	1.5%	6.1%	5.4%	52.7%	33.7%
1995	0.0%	0.0%	0.0%	0.0%	0.1%	13.0%	0.5%	0.0%	0.0%					6.4%	0.0%	1.0%	0.0%	0.0%	0.8%	0.5%	0.7%	0.4%	1.1%	2.4%	1.4%	71.6%	23.5%
1996	0.2%	0.0%	0.0%	0.0%	0.0%	2.1%	0.4%	0.0%	0.0%					13.8%	1.9%	2.3%	0.0%	0.0%	1.1%	1.1%	0.1%	0.2%	4.3%	4.6%	1.3%	66.3%	23.2%
1997	0.8%	0.0%	0.0%	0.2%	0.5%	12.4%	2.7%	0.0%	0.5%					13.1%	0.5%	2.9%	0.0%	0.0%	0.5%	1.9%	0.0%	0.5%	5.4%	4.0%	2.5%	51.5%	35.8%
1998	0.5%	0.0%	0.0%	0.0%	0.3%	0.2%	0.3%	0.0%	0.0%					3.0%	0.3%	1.3%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	3.5%	0.9%	0.3%	88.9%	5.9%
1999	0.1%	0.0%	0.0%	0.2%	0.1%	0.3%	1.9%	0.0%	0.0%					10.2%	0.4%	1.6%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	13.6%	1.0%	0.7%	69.4%	15.1%
2000	0.1%	0.0%	0.0%	0.0%	0.5%	5.9%	2.7%	0.0%	0.0%					3.6%	0.4%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.5%	1.1%	0.7%	78.0%	15.6%
2001	0.0%	0.0%	0.1%	0.0%	0.2%	3.7%	1.6%	0.0%	0.0%					5.9%	0.9%	11.2%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	6.5%	5.3%	1.1%	62.9%	24.0%
2002	0.3%	0.0%	0.0%	0.1%	0.3%	8.6%	5.1%	0.0%	0.0%					3.5%	0.1%	4.9%	0.0%	0.0%	0.1%	0.4%	0.2%	0.0%	8.1%	3.2%	0.4%	64.8%	23.3%
2003	0.2%	0.0%	0.0%	0.0%	0.2%	5.9%	2.8%	0.0%	0.0%					2.5%	0.5%	6.5%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	8.5%	1.8%	0.3%	70.7%	18.6%
2004	0.1%	0.0%	0.0%	0.2%	0.0%	5.2%	2.4%	0.0%	0.0%					0.4%	0.3%	4.8%	0.0%	0.0%	0.0%	0.6%	0.1%	0.0%	6.9%	1.3%	0.1%	77.6%	14.0%
2005	0.0%	0.0%	0.0%	0.1%	0.2%	7.5%	4.3%	0.0%	0.0%					1.9%	1.5%	6.0%	0.0%	0.0%	0.1%	3.1%	0.2%	0.0%	3.8%	1.9%	0.9%	68.5%	25.0%
2006	0.0%	0.0%	0.0%	0.5%	0.0%	7.4%	2.1%	0.0%	0.0%					1.1%	1.1%	4.5%	0.0%	0.0%	0.0%	0.5%	0.1%	0.0%	2.8%	2.0%	0.3%	77.5%	17.4%
2007	0.0%	0.0%	0.0%	0.3%	0.0%	8.5%	3.2%	0.0%	0.0%					1.1%	0.0%	6.0%	0.0%	0.0%	0.0%	2.4%	0.8%	0.0%	2.5%	1.6%	0.7%	72.8%	22.3%
2008	0.4%	0.0%	0.0%	0.0%	0.0%	10.5%	4.7%	0.0%	0.0%					1.9%	0.0%	10.0%	0.0%	0.0%	0.0%	0.5%	0.1%	0.1%	4.6%	3.3%	0.8%	63.1%	27.8%
2009	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	3.7%	0.0%	0.0%					1.6%	1.3%	11.4%	0.0%	0.0%	0.0%	2.4%	0.4%	0.0%	0.4%	0.3%	0.0%	76.5%	22.7%

Footnotes:

1. NBC AABM Sport includes ISBM North S. and ISBM Central S.
2. WCVI AABM Sport includes ISBM WCVI Inside S.
3. Includes Central and any other Canadian troll fisheries not listed.