

Year	All pre-terminal areas except 12	ER (est)
2015	22.8%	67.1%
2016	21.4%	49.8%
2017	22.1%	49.1%

Year	ER estimate
2016	49.8%
2017	49.1%

Year	ER estimate
2016	49.8%
2017	49.1%

Fish Name	Fish No.	May-June	Jul-Sep	Oct-Apr	Total
SEAK Troll	1	0.0%	0.2%	0.1%	0.3%
SEAK Net	2	0.1%	0.0%	0.0%	0.1%
SEAK Sport	3	0.0%	0.0%	0.0%	0.0%
N/C BC Net	4	0.0%	0.0%	0.0%	0.0%
WCVI Net	5	0.0%	0.0%	0.0%	0.0%
GeoStr Net	6	0.0%	0.0%	0.0%	0.0%
BC JDF Net	7	0.0%	0.0%	0.0%	0.0%
BCOutSport	8	0.0%	0.2%	0.0%	0.2%
N/C BC Trl	9	0.1%	0.1%	0.0%	0.2%
WCVI Troll	10	3.2%	0.4%	0.3%	3.9%
WCVI Sport	11	0.6%	2.7%	0.0%	3.3%
GeoS Troll	12	0.0%	0.0%	0.0%	0.0%
JS/GS/JDF Spt	13-15	0.4%	1.3%	0.3%	2.0%
NT 3:4 Trl	16	0.7%	0.0%	0.0%	0.7%
Tr 3:4 Trl	17	2.2%	1.1%	0.3%	3.6%
Ar 3:4 Spt	18	0.0%	1.0%	0.0%	1.0%
NoWACstNet	19	0.0%	0.0%	0.0%	0.0%
NT 2 Troll	20	0.2%	0.3%	0.0%	0.5%
Tr 2 Troll	21	0.0%	0.0%	0.0%	0.0%
Ar 2 Sport	22	0.0%	0.1%	0.0%	0.1%
NT GHb Net	23	0.0%	0.0%	0.0%	0.0%
Tr GHb Net	24	0.0%	0.0%	0.0%	0.0%
WillapaNet	25	0.0%	0.0%	0.0%	0.0%
NT 1 Troll	26	0.6%	0.0%	0.0%	0.6%
Ar 1 Sport	27	0.0%	0.1%	0.0%	0.1%
ColRvr Net	28	0.0%	0.0%	0.0%	0.0%
Buoy10 Spt	29	0.0%	0.0%	0.0%	0.0%
Cen OR Trl	30	0.3%	0.0%	0.0%	0.3%
Cen OR Spt	31	0.0%	0.0%	0.0%	0.0%
KMZ Troll	32	0.0%	0.0%	0.0%	0.0%
KMZ Sport	33	0.0%	0.0%	0.0%	0.0%
So Cal Trl	34	0.0%	0.0%	0.0%	0.0%
So Cal Spt	35	0.0%	0.0%	0.0%	0.0%
Ar 7 Sport	36	0.0%	0.3%	0.2%	0.5%
NT 7:7ANet	37	0.0%	0.0%	0.0%	0.0%
Tr 7:7ANet	38	0.0%	0.0%	0.0%	0.0%
NT 7BCDNet	39	0.0%	0.0%	0.0%	0.0%
Tr 7BCDNet	40	0.0%	0.1%	0.0%	0.1%
Tr JDF Trl	41	0.1%	0.1%	0.0%	0.3%
Ar 5 Sport	42	0.0%	0.3%	0.1%	0.4%
NT JDF Net	43	0.0%	0.0%	0.0%	0.0%

Tr JDF Net	44	0.0%	0.0%	0.0%	0.0%
Ar 8-1 Spt	45	0.0%	0.0%	0.1%	0.1%
NT SkagNet	46	0.0%	0.0%	0.0%	0.0%
Tr SkagNet	47	0.0%	0.0%	0.0%	0.0%
Area8D Spt	48	0.0%	0.0%	0.0%	0.0%
NT StSnNet	49	0.0%	0.0%	0.0%	0.0%
Tr StSnNet	50	0.0%	0.0%	0.0%	0.0%
NT TulaNet	51	0.0%	0.0%	0.0%	0.0%
Tr TulaNet	52	0.0%	0.0%	0.0%	0.0%
Ar 9 Sport	53	0.0%	0.4%	0.2%	0.6%
Ar 6 Sport	54	0.0%	0.5%	0.1%	0.6%
Tr 6B:9Net	55	0.0%	0.1%	0.0%	0.1%
A 10 Sport	56	0.0%	0.2%	0.3%	0.5%
A 11 Sport	57	0.0%	0.6%	0.0%	0.6%
NT10:11Net	58	0.0%	0.1%	0.1%	0.2%
Tr10:11Net	59	0.0%	0.1%	0.0%	0.1%
A 10A Sprt	60	0.0%	0.1%	0.0%	0.1%
Tr 10A Net	61	0.0%	0.1%	0.0%	0.1%
A 10E Sprt	62	0.0%	0.0%	0.0%	0.0%
Tr 10E Net	63	0.0%	0.1%	0.0%	0.1%
A 12 Sport	64	0.0%	0.5%	0.1%	0.6%
NT HC Net	65	0.0%	0.0%	0.1%	0.1%
Tr HC Net	66	0.0%	10.5%	10.5%	10.5%
A 13 Sport	67	0.0%	0.1%	0.0%	0.1%
NT SPS Net	68	0.0%	0.0%	0.0%	0.0%
Tr SPS Net	69	0.0%	0.2%	0.0%	0.2%
NT 13A Net	70	0.0%	0.0%	0.0%	0.0%
Tr 13A Net	71	0.0%	0.2%	0.0%	0.2%
FW Sport	72	0.0%	0.0%	0.0%	0.0%
FW Net	73	0.0%	15.1%	0.0%	15.1%
Escapement	74				

PTSUS

22.1%

Fish Name	Fish No.	May-June	Jul-Sep	Oct-Apr	Total
SEAK Troll	1	0.0%	0.2%	0.1%	0.3%
SEAK Net	2	0.1%	0.0%	0.0%	0.1%
SEAK Sport	3	0.0%	0.0%	0.0%	0.0%
N/C BC Net	4	0.0%	0.0%	0.0%	0.0%
WCVI Net	5	0.0%	0.0%	0.0%	0.0%
GeoStr Net	6	0.0%	0.0%	0.0%	0.0%
BC JDF Net	7	0.0%	0.0%	0.0%	0.0%
BCOutSport	8	0.0%	0.2%	0.0%	0.2%
N/C BC Trl	9	0.1%	0.1%	0.0%	0.2%
WCVI Troll	10	2.2%	0.9%	0.3%	3.5%
WCVI Sport	11	0.0%	1.7%	0.0%	1.7%
GeoS Troll	12	0.0%	0.0%	0.0%	0.0%
JS/GS/JDF Spc	13-15	0.5%	1.4%	1.1%	3.0%
NT 3:4 Trl	16	0.5%	0.0%	0.0%	0.5%
Tr 3:4 Trl	17	2.5%	1.0%	0.5%	4.0%
Ar 3:4 Spt	18	0.0%	0.9%	0.0%	0.9%
NoWACstNet	19	0.0%	0.0%	0.0%	0.0%
NT 2 Troll	20	0.1%	0.3%	0.0%	0.4%
Tr 2 Troll	21	0.0%	0.0%	0.0%	0.0%
Ar 2 Sport	22	0.0%	0.1%	0.0%	0.1%
NT GHb Net	23	0.0%	0.0%	0.0%	0.0%
Tr GHb Net	24	0.0%	0.0%	0.0%	0.0%
WillapaNet	25	0.0%	0.0%	0.0%	0.0%
NT 1 Troll	26	0.3%	0.0%	0.0%	0.3%
Ar 1 Sport	27	0.0%	0.0%	0.0%	0.0%
ColRvr Net	28	0.0%	0.0%	0.0%	0.0%
Buoy10 Spt	29	0.0%	0.0%	0.0%	0.0%
Cen OR Trl	30	0.1%	0.2%	0.0%	0.3%
Cen OR Spt	31	0.0%	0.0%	0.0%	0.0%
KMZ Troll	32	0.0%	0.0%	0.0%	0.0%
KMZ Sport	33	0.0%	0.0%	0.0%	0.0%
So Cal Trl	34	0.0%	0.0%	0.0%	0.0%
So Cal Spt	35	0.0%	0.0%	0.0%	0.0%
Ar 7 Sport	36	0.0%	0.9%	0.3%	1.2%
NT 7:7ANet	37	0.0%	0.0%	0.0%	0.0%
Tr 7:7ANet	38	0.0%	0.0%	0.0%	0.0%
NT 7BCDNet	39	0.0%	0.0%	0.0%	0.0%
Tr 7BCDNet	40	0.0%	0.2%	0.0%	0.2%
Tr JDF Trl	41	0.2%	0.1%	0.0%	0.3%
Ar 5 Sport	42	0.0%	0.4%	0.0%	0.5%
NT JDF Net	43	0.0%	0.0%	0.0%	0.0%

Tr JDF Net	44	0.0%	0.1%	0.0%	0.1%
Ar 8-1 Spt	45	0.0%	0.0%	0.2%	0.2%
NT SkagNet	46	0.0%	0.0%	0.0%	0.0%
Tr SkagNet	47	0.0%	0.0%	0.0%	0.0%
Area8D Spt	48	0.0%	0.0%	0.0%	0.0%
NT StSnNet	49	0.0%	0.0%	0.0%	0.0%
Tr StSnNet	50	0.0%	0.0%	0.0%	0.0%
NT TulaNet	51	0.0%	0.0%	0.0%	0.0%
Tr TulaNet	52	0.0%	0.0%	0.0%	0.0%
Ar 9 Sport	53	0.0%	0.4%	0.2%	0.6%
Ar 6 Sport	54	0.0%	0.5%	0.2%	0.8%
Tr 6B:9Net	55	0.0%	0.2%	0.0%	0.2%
A 10 Sport	56	0.0%	0.1%	0.1%	0.3%
A 11 Sport	57	0.0%	0.2%	0.0%	0.2%
NT10:11Net	58	0.0%	0.0%	0.3%	0.3%
Tr10:11Net	59	0.0%	0.0%	0.1%	0.1%
A 10A Sprt	60	0.0%	0.0%	0.0%	0.0%
Tr 10A Net	61	0.0%	0.1%	0.0%	0.1%
A 10E Sprt	62	0.0%	0.0%	0.0%	0.0%
Tr 10E Net	63	0.0%	0.1%	0.0%	0.1%
A 12 Sport	64	0.0%	0.7%	0.2%	0.9%
NT HC Net	65	0.0%	0.0%	0.0%	0.0%
Tr HC Net	66	0.0%	12.0%	12.0%	12.0%
A 13 Sport	67	0.0%	0.0%	0.0%	0.1%
NT SPS Net	68	0.0%	0.0%	0.0%	0.0%
Tr SPS Net	69	0.0%	0.4%	0.0%	0.4%
NT 13A Net	70	0.0%	0.0%	0.0%	0.0%
Tr 13A Net	71	0.0%	0.1%	0.0%	0.1%
FW Sport	72	0.0%	0.0%	0.0%	0.0%
FW Net	73	0.0%	11.1%	0.0%	11.1%

PTSUS

21.4%

Fish Name	Fish No.	May-June	Jul-Sep	Oct-Apr	Total
SEAK Troll	1	0.0%	0.2%	0.1%	0.2%
SEAK Net	2	0.1%	0.0%	0.0%	0.1%
SEAK Sport	3	0.0%	0.0%	0.0%	0.0%
N/C BC Net	4	0.0%	0.0%	0.0%	0.0%
WCVI Net	5	0.0%	0.0%	0.0%	0.0%
GeoStr Net	6	0.0%	0.0%	0.0%	0.0%
BC JDF Net	7	0.0%	0.0%	0.0%	0.0%
BCOutSport	8	0.0%	0.3%	0.0%	0.3%
N/C BC Trl	9	0.1%	0.1%	0.0%	0.1%
WCVI Troll	10	2.1%	0.9%	0.3%	3.3%
WCVI Sport	11	0.0%	2.0%	0.0%	2.0%
GeoS Troll	12	0.0%	0.0%	0.0%	0.0%
JS/GS/JDF Spc	13-15	0.3%	0.9%	0.6%	1.8%
NT 3:4 Trl	16	0.9%	0.0%	0.0%	0.9%
Tr 3:4 Trl	17	4.1%	1.6%	0.3%	6.0%
Ar 3:4 Spt	18	0.0%	1.2%	0.0%	1.2%
NoWACstNet	19	0.0%	0.0%	0.0%	0.0%
NT 2 Troll	20	0.4%	0.3%	0.0%	0.7%
Tr 2 Troll	21	0.0%	0.0%	0.0%	0.1%
Ar 2 Sport	22	0.1%	0.1%	0.0%	0.2%
NT GHb Net	23	0.0%	0.0%	0.0%	0.0%
Tr GHb Net	24	0.0%	0.0%	0.0%	0.0%
WillapaNet	25	0.0%	0.0%	0.0%	0.0%
NT 1 Troll	26	0.7%	0.0%	0.0%	0.7%
Ar 1 Sport	27	0.0%	0.0%	0.0%	0.0%
ColRvr Net	28	0.0%	0.0%	0.0%	0.0%
Buoy10 Spt	29	0.0%	0.0%	0.0%	0.0%
Cen OR Trl	30	0.2%	0.2%	0.0%	0.4%
Cen OR Spt	31	0.0%	0.0%	0.0%	0.0%
KMZ Troll	32	0.0%	0.0%	0.0%	0.0%
KMZ Sport	33	0.0%	0.0%	0.0%	0.0%
So Cal Trl	34	0.0%	0.0%	0.0%	0.0%
So Cal Spt	35	0.0%	0.0%	0.0%	0.0%
Ar 7 Sport	36	0.0%	0.4%	0.4%	0.8%
NT 7:7ANet	37	0.0%	0.0%	0.0%	0.0%
Tr 7:7ANet	38	0.0%	0.0%	0.0%	0.0%
NT 7BCDNet	39	0.0%	0.0%	0.0%	0.0%
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Tr JDF Trl	41	0.2%	0.1%	0.0%	0.3%
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NT SkagNet	46	0.0%	0.0%	0.0%	0.0%
Tr SkagNet	47	0.0%	0.0%	0.0%	0.0%
Area8D Spt	48	0.0%	0.0%	0.0%	0.0%
NT StSnNet	49	0.0%	0.0%	0.0%	0.0%
Tr StSnNet	50	0.0%	0.0%	0.0%	0.0%
NT TulaNet	51	0.0%	0.0%	0.0%	0.0%
Tr TulaNet	52	0.0%	0.0%	0.0%	0.0%
Ar 9 Sport	53	0.0%	0.3%	0.1%	0.5%
Ar 6 Sport	54	0.0%	0.4%	0.2%	0.6%
Tr 6B:9Net	55	0.0%	0.1%	0.0%	0.1%
A 10 Sport	56	0.0%	0.0%	0.1%	0.2%
A 11 Sport	57	0.0%	0.3%	0.0%	0.3%
NT10:11Net	58	0.0%	0.0%	0.1%	0.1%
Tr10:11Net	59	0.0%	0.0%	0.0%	0.0%
A 10A Sprt	60	0.0%	0.0%	0.0%	0.0%
Tr 10A Net	61	0.0%	0.1%	0.0%	0.1%
A 10E Sprt	62	0.0%	0.0%	0.0%	0.0%
Tr 10E Net	63	0.0%	0.1%	0.0%	0.1%
A 12 Sport	64	0.0%	0.6%	0.2%	0.8%
NT HC Net	65	0.0%	0.0%	0.1%	0.1%
Tr HC Net	66	0.0%	10.0%	10.0%	10.0%
A 13 Sport	67	0.0%	0.1%	0.0%	0.2%
NT SPS Net	68	0.0%	0.0%	0.0%	0.0%
Tr SPS Net	69	0.0%	0.2%	0.0%	0.2%
NT 13A Net	70	0.0%	0.0%	0.0%	0.0%
Tr 13A Net	71	0.0%	0.1%	0.0%	0.1%
FW Sport	72	0.0%	2.2%	0.0%	2.2%
FW Net	73	0.0%	14.6%	0.0%	14.6%
Escapement	74				

PTSUS

22.8%

Hood Canal 2017 Chinook Run Reconstructi

	Escapement	XT	12C/12D	12/12A/12B/9A	T Run
			9,888	251	
Quil	0	0		0	
Dose	7	7		7	
Duck	2	2		2	
Hamma	365	365		366	375
		31,231			
Hoodsp	3,404	34,635	38,259	38,350	38,350
Dewatto/Lilli	90	90	99	100	100
		16,515			
		0			
		0			
Skoke	8,058	11,139	12,305	12,334	12,334
GA	35,129	48,563	53,644	53,772	53,772
W/H Ratio	0.187				
Tahuya	27	27	30	30	
Union	51	51	56	56	86
Total	47,133			105,018	66,919

Hatchery	38,533	SKOKOMISH DB for SKK		
		2015 Catch	NT	PG
		12C		
		12/12B		0
		12A		0
		12H	6,955	
		82G		
		82J		
(COMM +TEST)		82F		251
		9A		
		12D		
		82G Recr	-	

on

Updated 01/06/2018

Modeled PTH	HR	Term Catch	ER(est)
0.220864314			
	0.2%	0	
	0.2%	0	
	0.2%	1	
	91.1%	34,946	
	9.7%	10	
15831	34.7%	4,276	49.1%
	34.7%	18,643	54.1%
		22,920	
	9.7%	3	
	9.7%	5	

MSF H Ratio	Total Impact	Harvest
0.000	0	0
0.000	0	0
	0	0

Type	2015 Type	sample
Total Jack Kept	Total Jack Kept	
J Mk Kept	J Mk Kept	
J Unmark Kept	J Unmark Kept	
Ad Kept	Ad Kept	
Adult Mk Kept	Adult Mk Kept	
Ad Unmark Kept	Ad Unmark Kept	
Juv Rel	Juv Rel	
Juv Mk Rel	Juv Mk Rel	
Adult Released	Adult Released	
Adult Mk Rel	Adult Mk Rel	
Adult Unmark Rel	Adult Unmark Rel	
Unknown Mark Rel	Unknown Mark Rel	
Total Encounters		
Final CRC Harvest		

(COMM + TKHM+TEST)

SKK		
9,886	9,886	
0	0	
0	0	
24,276	31,231	89.4%
16,515	16,515	
5,875		
0	0	
0	251	
2	2	
	0	
	57,885	

Fishery	Harvest Rate
NT HR	0.000
T River HR	0.25
T River ETRS HR	0.28

Released	10% Mort	Unknown	10% Mort	
0	0	0	0	Ad Clipped
0	0	0	0	UmMarked
0	0	0	0	Harvest Total

ENC EXP	CRC Exp Total	Sample rate	ADJ
			NA
	#DIV/0!		
	#DIV/0!		
	#DIV/0!		
	#DIV/0!		
	#DIV/0!		
	#DIV/0!		

Hood Canal 2016 Chinook Run Reconstructi

	Escapement	XT	12C/12D	12/12A/12B/9A	T Run
			5,041	183	
Quil	0	0		0	
Dose	8	8		8	
Duck	15	15		15	
Hamma	268	268		269	292
		23,427			
Hoodsp	3,321	26,748	28,971	29,052	29,052
Dewatto/Lilli	90	90	97	98	98
		10,314			
		0			
		0			
Skoke	1,342	1,933	2,094	2,100	2,100
GA	22,076	31,799	34,442	34,538	34,538
W/H Ratio	0.057				
Tahuya	27	27	29	29	
Union	50	50	54	54	84
Total	27,197			66,162	

Hatchery	25,397	SKOKOMISH DB for SKK		
		2015 Catch	NT	PG
		12C		
		12/12B		5
		12A		0
		12H	4,898	
		82G		
		82J		
(COMM +TEST)		82F		
		9A		178
		12D		
		82G Recr	-	

on

Updated 01/06/2016

Modeled PTH	HR	Term Catch	ER(est)
0.213987004			
	0.3%	0	
	0.3%	0	
	0.3%	1	
	88.6%	25,731	
	7.9%	8	
2671	36.1%	758	49.8%
	36.1%	12,462	49.5%
		13,219	
	7.9%	2	
	7.9%	4	

MSF H Ratio	Total Impact	Harvest
0.000	0	0
0.000	0	0
	0	0

Type	2015 Type	sample
Total Jack Kept	Total Jack Kept	
J Mk Kept	J Mk Kept	
J Unmark Kept	J Unmark Kept	
Ad Kept	Ad Kept	
Adult Mk Kept	Adult Mk Kept	
Ad Unmark Kept	Ad Unmark Kept	
Juv Rel	Juv Rel	
Juv Mk Rel	Juv Mk Rel	
Adult Released	Adult Released	
Adult Mk Rel	Adult Mk Rel	
Adult Unmark Rel	Adult Unmark Rel	
Unknown Mark Rel	Unknown Mark Rel	
Total Encounters		
Final CRC Harvest		

(COMM + TKHM+TEST)

SKK		
5,041	5,041	
0	5	
0	0	
18,529	23,427	91.0%
10,314	10,314	
3,470		
0	0	
0	178	
0	0	
	0	
	38,965	

Fishery	Harvest Rate
NT HR	0.000
T River HR	0.28
T River ETRS HR	0.31

Released	10% Mort	Unknown	10% Mort	
0	0	0	0	Ad Clipped
0	0	0	0	UmMarked
0	0	0	0	Harvest Total

ENC EXP	CRC Exp Total	Sample rate	ADJ
			NA
	#DIV/0!		
	#DIV/0!		
	#DIV/0!		
	#DIV/0!		
	#DIV/0!		
	#DIV/0!		

on			
Modeled PTH	HR	Term Catch	ER(est)
0.227615141			
	0.0%	0	
	0.0%	0	
	0.0%	0	
	87.4%	14,904	
	12.6%	28	
1313	57.4%	582	67.1%
	65.3%	11,351	69.9%
		11,933	
	12.6%	3	
	12.6%	1	

Updated 12/08/2015

MSF H Ratio	Total Impact	Harvest
0.990	3265	2936
0.010	32	0
	3297	2936

Type	2015	
	Type	sample
Total Jack Kept	Total Jack Kept	
J Mk Kept	J Mk Kept	
J Unmark Kept	J Unmark Kept	
Ad Kept	Ad Kept	344
Adult Mk Kept	Adult Mk Kept	344
Ad Unmark Kept	Ad Unmark Kept	0
Juv Rel	Juv Rel	
Juv Mk Rel	Juv Mk Rel	
Adult Released	Adult Released	424
Adult Mk Rel	Adult Mk Rel	386
Adult Unmark Rel	Adult Unmark Rel	38
Unknown Mark Rel	Unknown Mark Rel	
Total Encounters		768
Final CRC Harvest		

(COMM + TKHM+TEST)

SKK			
4,496	4,496		
0	0		
3	5		
12,750	12,750	85.5%	
6,313	6,313		
4,470			
0	0		
0	8		
0	0		
	3,297		
	26,869		

Fishery	Harvest Rate
NT HR	0.179
T River HR	0.34
T River ETRS HR	0.39

Released	10% Mort	Unknown	10% Mort	
3294	329	0	0	Ad Clipped
324	32	0	0	UmMarked
3619	361	0	0	Harvest Total

ENC EXP	CRC Exp Total	Sample rate	ADJ
			NA
1836	2936		
1836	2936		
0	0		
2262	3619		
2060	3294		
203	324		
4098	2936		

Hood Canal 2014 Chinook Run Reconstruction

	Escapement	XT	12C/12D	12/12A/12B/9A	T Run
			4,359	84	
Quil	0	0		0	
Dose	11	11		11	
Duck	13	13		13	
Hamma	117	117		117	141
		7,610			
Hoodsp	1,903	9,513	11,357	11,392	11,392
Dewatto/Lilli	1	1	1	1	1
		3,680			
		15			
		2152			
Skoke	849	1,306	1,559	1,564	1,564
GA	6,227	11,617	13,869	13,912	13,912
W/H Ratio	0.120				
Tahuya	20	20	24	24	
Union	33	33	39	40	63
Total	9,174			27,074	
Hatchery	8,130		SKOKOMISH DB for SKK		
			2012 Catch	NT	PG
			12C		
			12/12B		
			12A		
			12H		
			82G		
			82J		
	(COMM +TEST)		82F		
			9A		84
			12D		
			82G Recr	2167	

updated 11/23/2015

HR	Term Catch
0.3%	0
0.3%	0
0.3%	0
83.3%	9,489
16.5%	0
45.7%	715
55.2%	7,685
	8,400
16.5%	4
16.5%	7

MSF H Ratio	Total Impact
0.993	2152
0.007	15
	2167

Type	2014 Type
Total Jack Kept	Total Jack Kept
J Mk Kept	J Mk Kept
J Unmark Kept	J Unmark Kept
Ad Kept	Ad Kept
Adult Mk Kept	Adult Mk Kept
Ad Unmark Kept	Ad Unmark Kep
Juv Rel	Juv Rel
Juv Mk Rel	Juv Mk Rel
Adult Released	Adult Released
Adult Mk Rel	Adult Mk Rel
Adult Unmark Rel	Adult Unmark F
Unknown Mark Rel	Unknown Mark
Total Kept	
CRC	CRC

(COMM + TKHM+TEST)

SKK	
4,359	4,359
	0
	0
7,610	7,610
3,680	3,680
5548	
	0
	84
	0
	2,167
	17,900

Harvest	Released	10% Mort	Unknown	10% Mort	10% Mort
2066	858	86	0	0	0
5	98	10	0	0	0
2071	956	96	0	0	0

sample	ENC EXP	CRC Exp Total	estimated sample rate	ADJ
				NA
379		2071		
378		2066		
1		5		
175		956		
157		858		
18		98		
Rel				
		2071		
Adults				
Jacks				

Fishery	Harvest Rate
NT HR	0.140051027
T River HR	0.24
T River ETRS HR	0.28

Ad Clipped

UmMarked

Harvest Total

HC Chinook 2013

Hood Canal 2013 Chinook Run Reconstruction

updated 12/17/2013

Escapement	XT	12C/12D	12/12A/12B/9A	T Run	HR	Term Catch
Qul	3	3	3		0.2%	0
Dose	4	4	4		0.2%	0
Duck	7	7	7		0.2%	0
Hamma	661	661	663	674	0.2%	2
		27,826				
Hoodsp	2,379	30,205	33,865	33,945	33,945	93.0% 31,566
Dewatto/Lilli	44	44	49	49	49	11.0% 5
		8,894				
		113				
		23,851				
Stoke	1,722	Mark Downes: 1,799	2,805	2,805	38.6%	1,083
GA	21,444	Reviewed by Skok mark: 2,265	39,358	39,358	45.5%	17,914
W/H Ratio	0.074	Natural/hatchery Ratio				
Tahuya	53	59	60		11.0%	7
Union	32	36	36	96	11.0%	4
Total	26,349		76,930			
Hatchery	23,823					
		SKOKOMISH DB for SKK (COMM + TKHM+TEST)				
		2012 Catch	NT	PG	SKK	
		12C			8,221	
		12/12B		2		
		12A		2		
		12H			27,826	
		82G			8,894	
		82F				
		9A		178		178
		12D				0
		82G Recr	5458			5,458
			Mark Downes: CRC adjusted 2013 creel			50,581
Fishery	Harvest Rate					
NT HR	0.125467783					

MSF H Ratio	Total Impact	Harvest	Released	10% Mort	Unknown	10% Mort	
0.379	5345	4907	4381	438	0	0	Ad Clipped
0.021	113	5	1082	108	0	0	UnMarked
	5458	4912	5463	546	0	0	Harvest Total

Type	2013		CRC Exp Total	estimated sample rate	ADJ
	Type	sample			
Total Jack Kept	Total Jack Kept				NA
J Mk Kept	J Mk Kept				
J Unmark Kept	J Unmark Kept				
Ad Kept	Ad Kept		4912		
Adult Mk Kept	Adult Mk Kept	989	Mark Downes: Data received from Krs Budop 4-3-14	0.202	
Ad Unmark Kept	Ad Unmark Kept	1			
Juv Rel	Juv Rel				
Juv Mk Rel	Juv Mk Rel				
Adult Released	Adult Released		5463		
Adult Mk Rel	Adult Mk Rel	883			4381
Adult Unmark Rel	Adult Unmark R	218			1082
Unknown Mark Rel	Unknown Mark Rel				
Total Kept			2,091		4,912
CRC	CRC	Adults			4,907
		Jacks			

HC Chinook 2012

Hood Canal 2012 Chinook Run Reconstruction

updated 02/14/2013

Escapement	XT	12C/12D	2/12A/12B/9	T Run	HR	Term Catch
		10,039	364			
Dose	7	7	7		0.4%	0
Duck	6	6	6		0.4%	0
Hamma	416	416	418	431	0.4%	2
Hoodsp	5,387	29,137	38,523	38,667	38,667	86.1%
Dewatto/Lilli	19	19	21	21	21	10.7%
Skoke	1,533	15,434	3,193	3,193	3,193	52.0%
GA	22,874	349	55,161	55,161	55,161	58.5%
W/H Ratio	0.063	11912	5	33,947		
Tahuya	11	18	12	12		10.7%
Union	18	18	20	32		10.7%
Total	30,271		97,506			
Hatchery	28,261					

2012 Creel Sample Data

MSF H Ratio	Total Impact	Harvest	Released	10% Mort	Unknown	10% Mort
0.972	11911.92403	10872	10400	1040	0	0 Ad Clipped
0.028	348.6799531	42	3074	307	0	0 UmMarked
	12260.60398	10914	13474	1347	0	0 Harvest Total

* These numbers include release mortalities of unmarked and unknown releases

2012	Type	Total	sample rate	ADJ
	Total Jack Kept			
	J Mk Kept	141		
	J Unmark Kept			
	Ad Kept	13620		10914
1,217	Adult Mk Kept	13568	0.090	10872
8	Ad Unmark Kept	52	0.154	42
	Juv Rel			
	Juv Mk Rel			
	Adult Released	16815		13474
1,447	Adult Mk Rel	12979	0.111	10400
5	Adult Unmark Rel	3836	0.001	3074
68	Unknown Mark Rel			
		13,568		
		8,176	60%	75%
		145		

SKOKOMISH DB for SKK (COMM + TKHM+TEST)			
2012 Catch	NT	PG	SKK
12C			10,039
12/12B	0	2	5
12A	0	1	30
12H			29,137
82G			15,434
82F			14
(COMM +TEST) 9A	0	326	
12D			0
82G Recr	12261		12,261
			67,249

82G Skokomish Tribe	Mark Downen (DFW):
# Chinook Sample	2012 data from Cindy 1-
Total Catch Comm	22-13
Total AD MARK	
AD MARK SAMPLE	94%
Sample rate	21%

995.6424

13 Chinook Spawner Esc

Chinook spawner escapement estimates for tributaries to Hood Canal, 2013.
(Preliminary estimates, Downen, WDFW, 11-19-13, reviewed by Kowalski 12-3-13)

Marine	Stream	Spawner escapement	Comments
- -	Skokomish R.	749	Redd counts + AUC in Hunter Cr. INDEX
	N.F. Skokomish R.	650	Redd counts + redds in McTaggart
	S.F. Skokomish R.	323	Redd counts + redds in Vance
	Total	1722	
12A	Little Quilcene R.	3	3 chinook observed
	Big Quilcene R.	0	No chinook observed
	Total	3	
12B	Dosewallips R.	4	Redd counts + Rockybrook live/ dead
	Duckabush R.	7	AUC based on live fish observed
	Hamma Hamma R. a	661	AUC adjusted for broodstock + John Creek AUC
	Total	672	
12C	Dewatto R.	37	AUC
	Lilliwaup Cr.	7	AUC
	Total	44	
12D	Tahuya R.	53	
	Union R.	32	Trap
	Total	85	

Hood Canal total 2526

a/ Hamma natural escapement = 470, broodstock = 46, John Ck = 145

Hatchery chinook escapement, 2013
(WDFW In-Season Hatchery Escapement Report)

George Adams Hatchery	21,444
Hoodsport Hatchery	2,379

WDFW In-Season Hatchery Escapement Report CAUTION - All Numbers represent preliminary estimates only

Fall Chinook

Facility	Stock-BO	Adult Total	Jack Total	Total Eggtake	On Hand Adults	On Hand Jacks	Lethal Spawned	Live Spawned	Released	Live Shipped	Mortality	Surplus	Date	Comments
WHATCOM CR HATCHERY	Whatcom Creek- H	108	4	-	-	-	-	-	104	-	8	-	11/13/13	
SAMISH HATCHERY	Samish- H	8,731	271	6,367,060	-	-	2,862	-	186	-	1,585	4,369	10/29/13	
TOKUL CR HATCHERY	Snohomish River- H	24	3	-	-	-	-	-	-	-	-	27	09/30/13	
TOKUL CR HATCHERY	Snohomish River- W	6	2	-	-	-	-	-	8	-	-	-	09/30/13	
GEORGE ADAMS HATCHRY	George Adams- H	21,444	2,990	-	-	-	1,904	-	-	-	302	22,228	10/22/13	
GEORGE ADAMS HATCHRY	George Adams- M	-	-	4,511,036	-	-	-	-	-	-	-	-	09/24/13	
HOODSPORT HATCHERY	Hood Canal- H	2,379	374	3,317,351	-	-	1,532	-	-	-	282	939	10/03/13	
ISSAQUAH HATCHERY	Issaquah Creek- H	2,536	37	-	-	-	673	-	1,170	-	383	347	11/05/13	
ISSAQUAH HATCHERY	Issaquah Creek- M	-	-	1,740,000	-	-	-	-	-	-	-	-	10/15/13	
ISSAQUAH HATCHERY	Issaquah Creek- W	134	-	-	-	-	68	-	50	-	16	-	10/23/13	
CEDAR RIVER HATCHERY	Cedar River- H	2	-	-	-	-	-	-	2	-	-	-	09/16/13	
CEDAR RIVER HATCHERY	Cedar River- W	10	-	-	-	-	-	-	10	-	-	-	09/22/13	
SOOS CREEK HATCHERY	Big Soos Creek- H	8,796	207	-	-	-	2,431	-	279	3,413	29	2,851	10/10/13	
SOOS CREEK HATCHERY	Big Soos Creek- M	-	-	5,181,000	-	-	-	-	-	-	-	-	10/09/13	
SOOS CREEK HATCHERY	Big Soos Creek- W	296	4	-	-	-	282	-	1	1	16	-	10/09/13	
SOOS CREEK HATCHERY	Green River- W	41	3	-	-	-	44	-	-	-	-	-	10/09/13	

Chinook salmon escapement to WDFW Hood Canal hatcheries, 1996-2012
 (compiled by Mark Downen, WDFW District Fish Biologist, Feb. 2013)

* Outlier not included in averages

George Adams Hatchery				Hoodsporn	
Return year	Escapement		Jacks:Adults Ratio	Return year	Escap Adults
	Adults	Jacks			
1996	5,447	240	0.04	1996	2,429
1997	3,100	84	0.03	1997	4,001
1998	1,885	358	0.19	1998	5,409
1999	5,584	770	0.14	1999	7,851
2000	8,235	234	0.03	2000	10,125
2001	4,031	1,490	0.37	2001	4,785
2002	8,816	1,015	0.12	2002	4,225
2003	9,394	567	0.06	2003	4,056
2004	10,022	431	0.04	2004	3,621
2005	12,275	1,255	0.10	2005	3,391
2006	16,026	400	0.02	2006	3,756
2007	12,358	1,050	0.08	2007	3,391
2008	13,270	1,944	0.15	2008	2,961
2009	13,220	2,119	0.16	2009	2,415
2010	12,891	1,736	0.13	2010	1,065
2011	24,581	3,441	0.14*	2011	2,418
2012	22,874	2,675	0.12	2012	5,387

t Hatchery	
ement	Jacks:Adults
Jacks	Ratio
761	0.31
652	0.16
2,933	0.54
2,206	0.28
848	0.08
1,358	0.28
353	0.08
17	0.004
1,013	0.28
710	0.21
193	0.05
966	0.28
1,058	0.36
916	0.38
434	0.41
774	0.32*
778	0.14

	2011	14,385	13,637	0.95*		2011
	28,022					3,192
		24581	3,441	0.14		
				0.14		

664	2,528	3.81*	
		0.32	
2418	774	0.32	

HC Chinook 2010 MSF

Hood Canal 2010 Chinook Run Reconstruction

	Escapement	XT	12C/12D	2/12A/12B/9	T Run	HR	Term Catch
			3,769	64			
Dose	15	15		15		0.1%	0
Duck	0	0		0			0
Hamma	69	69		69	84	0.1%	0
Hoodsp	1,065	8,627	10,609	10,625	10,625	90.0%	9,560
Dewatto/Lilli	29	29	32	32	32	8.8%	3
		9,654					
		509					
		5827					
Soke	1,214	2,554	2,796	2,800	2,800	56.6%	1,586
GA	12,891	27,541	30,147	30,191	30,191	57.3%	17,300
W/H Ratio	0.086						18,886
Tahuya	4	4	4	4		8.8%	0
Union	10	10	11	11	15	8.8%	1
Total	15,297		43,747				

	Escapement	SKOKOMISH DB for SKK (COMM + TKHM+TEST)				
		2011 Catch	NT	PG	SKK	
12C					3,768	3,768
12/12B		0	2		8	10
12A		0		4	4	4
12H					8,627	8,627
82G/J					9,654	9,654
82F						0
9A	0		50		50	50
12D					1	1
82G Recr		6336				6,336
						28,450

Mark Downen: Adjusted for release mortality

(COMM +TEST)

FINAL harvest estimate from 2010 MSF creel

3 2010 FINAL Expanded Harvest Numbers

MSF H Ratio	Total Impact	Harvest	Released	10% Mort	Unknown	10% Mort	
0.920	5827	5486	2516	252	888	89	Ad Clipped
0.080	509	155	3457	346	84	8	UmMarked
		6336	5641	5973	598	97	Harvest Total

* These numbers include release mortalities of unmarked and unknown releases

Type	Total
Total Jack Kept	165
J Mk Kept	165
J Unmark Kept	0
Ad Kept	5641
Adult Mk Kept	5486
Ad Unmark Kept	155
Juv Rel	391
Juv Mk Rel	161
Adult Released	5973
Adult Mk Rel	2516
Adult Unmark Rel	3457
Unknown Mark Rel	972
Total Kept	5806

Mark Downen: FINAL 2010 Creel Census numbers from Kris Rydning received 1-19-12

CRC Adults 6243
Jacks 167

Hood Canal 2011 Chinook Run Reconstruction

	Escapemen	XT	12C/12D	12A/12B/12E	T Run	HR
			7,406	134		
Dose	11	11		11		0.2%
Duck	5	5		5		0.2%
Hamma	273	273		274	290	0.2%
		16,495				
Hoodsp	2,418	18,913	21,158	21,199	21,199	88.6%
Dewatto/Li	19	19	21	21	21	10.8%
		11,761				
		200				
		5583				
Skoke	1,321	2,121	2,373	2,377	2,377	44.4%
GA	24,581	41,325	46,231	46,320	46,320	46.9%
W/H Ratio	0.051					
Tahuya	0	0	0	0		#DIV/0!
Union	4	4	4	4	4	10.8%
Total	28,632			70,211		

Hatchery	26,999	SKOKOMISH DB for SKK (COMM + TKHM+TEST)				
		2011 Catch	NT	PG	SKK	
		12C			7,405	7,405
		12/12B	0	5	1	6
		12A	0	1		1
		12H			16,495	16,495
		82G/J			11,761	11,761
		82F				0
(COMM +TEST)		9A	0	127		127
		12D			1	1
		82G Recr	5783			5,783
						41,579

FINAL harvest estimate from 2010 MSF creel

Term Catch

	82G Skokomish Tribe CommSamp 2011	0.836419
	# Chinook S 1832	0.163581
0	Total Catch 11761	
0	Total AD M/ 1605	
1	AD MARK S 88%	
	Sample rate 16%	

18,781

2 2011 Creel Sample Data Preliminary Estimates

	MSF H Ratio	Total Impac	Harvest	Released	10% Mort	Unknown	10% Mort
	0.965	5584	5268	2333	233	830	83
	0.035	200	37	1580	158	45	5
1,056		5784	5305	3913	391	875	88

21,739 * These numbers include release mortalities of unmarked and unknown released
22,795

	2011	Type	Total
0		Total Jack Kept	
0		J Mk Kept	
		J Unmark Kept	
		Ad Kept	
)	615	Adult Mk K	5268
	8	Ad Unmark	37
		Juv Rel	
		Juv Mk Rel	
		Adult Released	
	328	Adult Mk R	2333
0.271	229	Adult Unm:	1580
	68	Unknown M	875

0.133

Ad Clipped
UmMarked
harvest Total
ses

0.117
0.216

0.141
0.145
0.078

HC Chinook 2011 MSF old

Hood Canal 2011 Chinook Run Reconstruction

Escapement	XT	12C/12D	2/12A/12B/9	T Run	HR	Term Catch
		7,406	134			
Dose	11	11	11		0.2%	0
Duck	5	5	5		0.2%	0
Hamma	273	273	274	290	0.2%	1
		16,495				
Hoodsp	664	17,159	19,602	19,646	96.6%	18,982
Dewatto/Lilli	19	19	22	22	12.7%	3
		11,761				
		398				
		6516				
Skoke	1,321	2,681	3,062	3,069	57.0%	1,748
GA	14,835	32,150	36,728	36,811	59.7%	21,976
W/H Ratio	0.082					23,724
Tahuya	0	0	0	0	#DIV/0!	0
Union	4	4	5	5	12.8%	1
Total	17,132		59,842			

Hatchery	15,499	SKOKOMISH DB for SKK 1_2012 (COMM + TKHM+TEST)			
		2011 Catch	NT	PG	SKK
		12C			7,405
		12/12B	0	5	1
		12A	0	1	1
		12H			16,495
		82G/J			11,761
		82F			0
		9A			127
(COMM + TEST)		12D	0	127	1
		82G Recr			6,914
					42,132

Preliminary harvest estimate from 2011 MSF creel, placeholder for TRR

2011 Creel Sample Data expanded with 2010 sampe rates

MSF H Ratio	Total Impact Harvest	Released	10% Mort	Unknown	10% Mort	Ad Clipped	UmMarked
0.842	6516	6202	2325	233	809	81	7
0.058	398	155	2363	236	72	7	7
	6914	6357	4688	469	881	88	88

* These numbers include release mortalities of unmarked and unknown releases

2010		2011	
Type	Total	Type	Total
Total Jack Y	165	Total Jack Kept	
J Mk Kept	165	J Mk Kept	
J Unmark K	0	J Unmark Kept	
Ad Kept	5641	Ad Kept	
Adult Mk Ke	5486	Adult Mk Ke	6202
Ad Unmark	155	Ad Unmark	155
Juv Rel	391	Juv Rel	
Juv Mk Rel	161	Juv Mk Rel	
Adult Relea	5973	Adult Released	
Adult Mk Re	2516	Adult Mk Re	2325
Adult Unma	3457	Adult Unma	2363
Unknown M	972	Unknown M	881

82G Skokomish Tribe Comm Samp 2011	
# Chinook Sr	1832
Total Catch (11761
Total AD MA	1605
AD MARK Sr	88%
Sample rate	16%