

Age and maturity data of sockeye and coho salmon
by sex, by 2° x 5° area, and by ten-day period, 1987

1. Age and maturity data of sockeye salmon sampled from mothership catches
2. Age and maturity data of sockeye salmon collected by research vessels in the waters south of 48°N
3. Age composition of maturing coho salmon collected by research vessels in the waters south of 48°N

August 1988

Fisheries Agency of Japan

1. Age and maturity data of sockeye salmon sampled from
mothership catches: 1-3

1987 TABLE 6-1 2X5 TEN-DAYS AGE COMPOSITION SPECIES SOCKEYE VESSEL MOTHER

GEAR	MESH	MONTH	TEN- 2X5 DAYS SQUARE	ITEM	SEX	STAGE	AGE 0-0	AGE 1-0	AGE 2-0	AGE 3-0	AGE 0-1	AGE 1-1	AGE 2-1	AGE 3-1	AGE 0-2	AGE 1-2	AGE 2-2	AGE 3-2	AGE 0-3	AGE 1-3	AGE 2-3	AGE 3-3	AGE 0-4	AGE 1-4	AGE 2-4	TOTAL					
CGN	6	3	48	E170	NUMBER	F	IM										1	1	1	5	3					11					
						MT															3	5		1	6	12				28	
						M	IM															6	10			5	2				23
						MT																	5			4	6				15
						X	F	IM														1.3	1.3	1.3	6.5	3.9					14.3
						MT																3.9	6.5		1.3	7.8	15.6		1.3		36.4
						M	IM															7.8	13.0			6.5	2.6				29.9
						MT																	6.5			5.2	7.8				19.5
						CGN	7	1	52	E170	NUMBER	F	IM									5	8			8	5				26
						MT																	4	4			1	1			
M	IM																11	11			2	6	3	1		34					
MT																	1	3			1	1	1			7					
X	F	IM															6.5	10.4			10.4	6.5				33.8					
MT																	5.2	5.2			1.3	1.3				13.0					
M	IM																14.3	14.3			2.6	7.8	3.9	1.3		44.2					
MT																	1.3	3.9			1.3	1.3				9.1					
CGN	7	1	50	E170	NUMBER	F	IM										12	19			1	32	15			79					
MT																	1	13	31		6	44	78	3	1	178					
M	IM																13	10			4	16	6		1	50					
MT																	26	59	1		3	57	54	2		202					
X	F	IM															2.4	3.7			.2	6.3	2.9			15.5					
MT																	.2	2.6	6.1		1.2	8.6	15.3	.6	.2	35.0					
M	IM																2.6	2.0			.8	3.1	1.2		.2	9.8					
MT																	5.1	11.6	.2		.6	11.2	10.6	.4		39.7					
CGN	7	2	50	E170	NUMBER	F	IM										11	11			20	3	1			46					
MT																	3	15	1		18	27	1		2	67					
M	IM																28	22	1		2	20	11			84					
MT																	4	13			1	6	7			31					
X	F	IM															4.8	4.8			8.8	1.3	.4			20.2					
MT																	1.3	6.6	.4		7.9	11.8	.4		.9	29.4					
M	IM																12.3	9.6	.4		.9	8.8	4.8			36.8					
MT																	1.8	5.7			.4	2.6	3.1			13.6					

2. Age and maturity data of sockeye salmon collected by
research vessels in the waters south of 48°N; 1-3

3. Age composition of maturing coho salmon collected by
research vessels in the waters south of 48°N: 1-3

1987 TABLE 6-2 2X5 TEN-DAYS AGE COMPOSITION SPECIES COHO VESSEL RESEARCH

GEAR	MESH	MONTH	TEN- 2X5		ITEM	STAGE	AGE 1-0		AGE 2-0		AGE 3-0		AGE 1-1		AGE 2-1		AGE 3-1		SUB-TOTAL			
			DAYS	SQUARE			F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
CGN	112	6	2	46	E175	NUMBER							4		2	3		1		6	4	10
						X																
CGN	112	6	2	42	W180	NUMBER							40.0		20.0	30.0		10.0		60.0	40.0	100.0
						X											3	8	5		1	
CGN	112	6	2	40	W180	NUMBER							17.6	47.1	29.4		5.9		47.1	52.9	100.0	
						X												1	1			1
CGN	112	6	3	44	E175	NUMBER							50.0	50.0					50.0	50.0	100.0	
						X																
CGN	112	6	3	44	W180	NUMBER							13	18	50	43	2	3		65	64	129
						X																
CGN	112	6	3	44	W180	NUMBER							10.1	14.0	38.8	33.3	1.6	2.3		50.4	49.6	100.0
						X											6	7	16	13	4	3
CGN	112	6	3	42	E175	NUMBER							12.2	14.3	32.7	26.5	8.2	6.1		53.1	46.9	100.0
						X											5	10	35	30	2	1
CGN	112	6	3	42	W180	NUMBER							6.0	12.0	42.2	36.1	2.4	1.2		50.6	49.4	100.0
						X											7	9	18	30	2	
CGN	112	6	3	40	E175	NUMBER							10.6	13.6	27.3	45.5	3.0			40.9	59.1	100.0
						X											5	5	29	15	3	1
CGN	112	7	1	46	E170	NUMBER							8.6	8.6	50.0	25.9	5.2	1.7		63.8	36.2	100.0
						X											6	4	16	23		1
CGN	112	7	1	46	W180	NUMBER							12.0	8.0	32.0	46.0		2.0		44.0	56.0	100.0
						X											8	4	13	15	1	
CGN	112	7	1	44	E170	NUMBER							19.5	9.8	31.7	36.6	2.4			53.7	46.3	100.0
						X											13	8	32	35	1	
CGN	112	7	1	42	E170	NUMBER							14.6	9.0	36.0	39.3	1.1			51.7	48.3	100.0
						X											3	4	7	7	1	2
CGN	112	7	3	44	E175	NUMBER							12.5	16.7	29.2	29.2	4.2	8.3		45.8	54.2	100.0
						X																
																2		2		2		
																100.0		100.0		100.0		

1987 TABLE 6-2 2X5 TEN-DAYS AGE COMPOSITION SPECIES COHO VESSEL RESEARCH

GEAR	MESH	MONTH	TEN- 2X5		STAGE	AGE 1-0		AGE 2-0		AGE 3-0		AGE 1-1		AGE 2-1		AGE 3-1		SUB-TOTAL		
			DAYS	SQURE		F	M	F	M	F	M	F	M	F	M	F	M	F	M	TOTAL
CGN	112	7	3	42 E170	NUMBER									5	3			5	3	8
					X	IM														
					X	MT								62.5	37.5			62.5	37.5	100.0
CGN	112	8	1	46 E175	NUMBER								1	3	1			4	1	5
					X	IM														
					X	MT						20.0		60.0	20.0			80.0	20.0	100.0
CGN	121	6	2	42 W180	NUMBER									1	2	3		2	4	6
					X	IM														
					X	MT						16.7	33.3	50.0				33.3	66.7	100.0
CGN	121	6	2	40 W180	NUMBER									1	6	2		7	2	9
					X	IM														
					X	MT						11.1		66.7	22.2			77.8	22.2	100.0
CGN	121	7	1	46 E170	NUMBER									3	1	8	7	11	8	19
					X	IM														
					X	MT						15.8	5.3	42.1	36.8			57.9	42.1	100.0
CGN	121	7	2	44 E170	NUMBER									1	2	1	1	4	1	5
					X	IM														
					X	MT						20.0		40.0	20.0	20.0		80.0	20.0	100.0
CGN	121	7	3	44 E175	NUMBER										2	4		2	4	6
					X	IM														
					X	MT								33.3	66.7			33.3	66.7	100.0
CGN	121	7	3	42 E170	NUMBER									1	2	5	3	2	8	13
					X	IM														
					X	MT						7.7	15.4	38.5	23.1	15.4		61.5	38.5	100.0
CGN	121	7	3	42 E175	NUMBER									1				1		1
					X	IM														
					X	MT						100.0						100.0		100.0
CGN	121	8	1	46 E175	NUMBER									2	1	4	3	6	4	10
					X	IM														
					X	MT						20.0	10.0	40.0	30.0			60.0	40.0	100.0
CGN	112	6	1	42 E165	NUMBER									5	5	5	4	11	9	20
					X	IM														
					X	MT						25.0	25.0	25.0	20.0	5.0		55.0	45.0	100.0
CGN	112	6	2	44 E165	NUMBER											1		5		5
					X	IM														
					X	MT								80.0		20.0		100.0		100.0
CGN	112	6	2	42 E155	NUMBER															
					X	IM								3	5	11	9	14	14	28
					X	MT								10.7	17.9	39.3	32.1	50.0	50.0	100.0
CGN	112	6	2	42 E165	NUMBER															
					X	IM								1	3	9	4	10	7	17
					X	MT								5.9	17.6	52.9	23.5	58.8	41.2	100.0

1907 TABLE 6-2 2X5 TEN-DAYS AGE COMPOSITION SPECIES COHO VESSEL RESEARCH

GEAR	MESH	MONTH	TEN- 2X5		ITEM	STAGE	AGE 1-0		AGE 2-0		AGE 3-0		AGE 1-1		AGE 2-1		AGE 3-1		SUB-TOTAL			
			DAYS	SQUARE			F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
CGN	112	6	3	46	E160	NUMBER							3	1	2	2				5	3	8
						X	IM															
							MT						37.5	12.5	25.0	25.0				62.5	37.5	100.0
CGN	112	6	3	44	E160	NUMBER							9	10	11	9				20	19	39
						X	IM															
							MT						23.1	25.6	28.2	23.1				51.3	48.7	100.0
CGN	112	6	3	42	E160	NUMBER																
						X	IM															
							MT						18	13	46	22	1			65	35	100
CGN	112	7	1	46	E155	NUMBER							18.0	13.0	46.0	22.0	1.0			65.0	35.0	100.0
						X	IM						1	1	5	2				6	3	9
							MT						11.1	11.1	55.6	22.2				66.7	33.3	100.0
CGN	112	7	1	46	E160	NUMBER																
						X	IM															
							MT						5	8	6					8	11	19
CGN	112	7	1	44	E150	NUMBER							26.3	42.1	31.6					42.1	57.9	100.0
						X	IM															
							MT						1	1	2					1	3	4
CGN	112	7	2	46	E165	NUMBER							25.0	25.0	50.0					25.0	75.0	100.0
						X	IM															
							MT						2	10	10					10	12	22
CGN	112	7	3	44	E165	NUMBER																
						X	IM															
							MT						9.1	45.5	45.5					45.5	54.5	100.0
CGN	112	7	3	44	E165	NUMBER																
						X	IM															
							MT															
CGN	121	7	1	46	E165	NUMBER																
						X	IM															
							MT						100.0							100.0		100.0
CGN	121	7	1	44	E150	NUMBER							1	6	20	11				21	17	38
						X	IM															
							MT						2.6	15.8	52.6	28.9				55.3	44.7	100.0
CGN	121	7	1	44	E150	NUMBER																
						X	IM															
							MT						1	1	1					1	2	3
CGN	121	7	2	46	E160	NUMBER							33.3	33.3	33.3					33.3	66.7	100.0
						X	IM															
							MT						3	4	10	7	1	1		14	12	26
CGN	121	7	2	46	E160	NUMBER																
						X	IM															
							MT						11.5	15.4	38.5	26.9	3.8	3.8		53.8	46.2	100.0
CGN	121	7	2	46	E165	NUMBER																
						X	IM															
							MT						4	4	27	9	2	5		33	18	51
CGN	121	7	3	44	E165	NUMBER																
						X	IM															
							MT						7.8	7.8	52.9	17.6	3.9	9.8		64.7	35.3	100.0
CGN	121	7	3	44	E165	NUMBER																
						X	IM															
							MT						1	5	2	1	1			6	4	10
							IM															
							MT						10.0	50.0	20.0	10.0	10.0			60.0	40.0	100.0