TABLE 2.2.1.a. JUVENILE ATLANTIC SALMON STOCKING SUMMARY FOR NEW ENGLAN IN 1998 BY RIVER SYSTEM AND BY PROGRAM. [1]

RIVER SYSTEM	NUMBER OF FISH 2						TOTAL
	FRY	0+PARR	1PARR	1+PARR	1SMOLT	2SMOLT	
UNITED STATES							
Aroostook	142,000	0	0	0	0	0	142,000
St. Croix	2,000	31,700	0	200	0	0	33,900
Dennys	234,000	10,400	0	0	9,600	0	254,000
East Machias	190,000	0	0	0	10,800	0	200,800
Machias	300,000	5,900	0	0	14,400	0	320,300
Pleasant	0	0	0	0	0	0	0
Narraguagus	274,000	14,400	0	0	0	0	288,400
Union	165,000	0	0	0	0	0	165,000
Penobscot	936,000	337,400	13,400	0	571,800	0	1,858,600
Ducktrap	0	0	0	0	0	0	0
Sheepscot	256,000	9,300	0	0	0	0	265,300
Androscoggin	2,000	0	0	0	0	0	2,000
Saco	426,000	50,000	0	0	21,300	0	497,300
Cocheco	96,000	0	0	0	0	0	96,000
Lamprey	95,000	0	0	0	3,300	0	98,300
Merrimack	2,589,000	0	0	6,800	51,900	0	2,647,700
Pawcatuck	909,612	0	6,100	8,573	5,672	0	929,957
Connecticut	9,119,000	3,000	0	7,700	1,700	0	9,131,400
TOTAL	**15,735,612**	**462,100**	**19,500**	**23,273**	**690,472**	**0**	**16,930,957**
CANADA							
Aroostook	0	0	0	0	0	0	0
St. Croix	0	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PROGRAM							
Maine							
United States	2,927,000	459,100	13,400	200	627,900	0	4,027,600
Canada	0	0	0	0	0	0	0
Cocheco	96,000	0	0	0	0	0	96,000
Lamprey	95,000	0	0	0	3,300	0	98,300
Merrimack River	2,589,000	0	0	6,800	51,900	0	2,647,700
Pawcatuck River	909,612	0	6,100	8,573	5,672	0	929,957
Connecticut River	9,119,000	3,000	0	7,700	1,700	0	9,131,400
TOTAL	**15,735,612**	**462,100**	**19,500**	**23,273**	**690,472**	**0**	**16,930,957**

[1] The distinction between USA and Canadian stocking is based on the sources of the fish or eggs.

[2] The number of fry is rounded to the nearest 1000 fish. All other entries rounded to the nearest 100 fish.

TABLE 2.2.1.B. CAPTIVE AND DOMESTIC ADULT ATLANTIC SALMON STOCKING SUMMARY FOR NEW ENGLAND IN 1998 BY RIVER SYSTEM AND BY YEAR CLASS. *

RIVER SYSTEM	SEASON RELEASED AND YEAR CLASS									
	Spring / Early Summer				Autumn					
UNITED STATES	1993	1994	1995	1996	1993	1994	1995	1996	1997	**TOTAL**
Aroostook										0
St. Croix										0
Dennys					42	42	42			126
East Machias	36				44	39				119
Machias	47				98	100				245
Pleasant										0
Narraguagus	50				86	86				222
Union										0
Penobscot					2,017	1,200				3,217
Ducktrap										0
Sheepscot	37									37
Saco										0
Cocheco										0
Lamprey										0
Merrimack		971	1,044			3	644			2,662
Pawcatuck	0	0	0	0	0	0	0	0	0	0
Connecticut										0
TOTAL	**170**	**971**	**1,044**	**0**	**2,287**	**1,470**	**686**	**0**	**0**	**6,628**
CANADA										
Aroostook										0
St. Croix										0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PROGRAM										
Maine										
United States	170	0	0	0	2,287	1,467	42	0	0	3,966
Canada		0	0	0		0	0	0	0	0
Cocheco		0	0	0		0	0	0	0	0
Lamprey		0	0	0		0	0	0	0	0
Merrimack River		971	1,044	0		3	644	0	0	2,662

Pawcatuck River		0	0	0		0	0	0	0	0
Connecticut River		0	0	0		0	0	0	0	0
TOTAL	**170**	**971**	**1,044**	**0**	**2,287**	**1,470**	**686**	**0**	**0**	**6,628**

* Year-class refers to year of collection in the wild or egg take.

TABLE 2.2.2.a. SUMMARY OF JUVENILE AND ADULT ATLANTIC SALMON MARKING PROGRAMS NEW ENGLAND IN 1998.

Mark	Stage	Connecticut	Dennys	East Machias	Machias	Merrimack	Penobscot	Narraguagus	Sheepscot	Pawcatuck	Saco	Total
Clip	adult											0
	parr	2,950				6,840						9,790
	smolt					923				5,672		6,595
	Total	2,950	0	0	0	7,763	0	0	0	5,672	0	16,385
Disc	adult											0
VIE	parr				666		666					1,332
	smolt		9,600	10,800	10,800			22				31,222
Floy	adult					2,034						2,034
Ping	smolt						60	134				194
	adult			8	8			14				30
PIT	parr	1,536										1,536
Radio	smolt											0
Radio	adult	49										49
Carlin	adult			36	47			50	37			170
VIA	adult											0
All	adult	49	0	44	55	2,034	0	64	37	0	0	2,283
	parr	4,486	0	0	666	6,840	666	0	0	0	0	12,658
	smolt	0	9,600	10,800	10,800	923	60	156	0	5,672	0	38,011
	Total	4,535	9,600	10,844	11,521	9,797	726	220	37	5,672	0	52,952

Notes

VIA = visual implant alpha-numeric

VIE = visual implant elastomers

Ping = internally implanted ultra-sonic pinger

TABLE 2.2.2.b. ATLANTIC SALMON MARKING DATABASE FOR NEW ENGLAND - 1998.

PLACE OF RELEASE	MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	TAG/ MARK	NUMBER MARKED	CODE OR SERIAL	AUX MARK	REL DATE	COMMENT
Connecticut R.	USGS	4	adult	W	Connecticut	Radio tag	9		PIT	May-98	Westfield R. Study
Connecticut R.	USGS	5	adult	W	Connecticut	Radio tag	2		PIT	May-98	Westfield R. Study
Connecticut R.	USGS	4	adult	H	Connecticut	Radio tag	8		PIT	Jun-98	Westfield R. Study
Connecticut R.	USGS	4	adult	H	Connecticut	Radio tag	8		PIT	Sep-98	Westfield R. Study
Connecticut R.	USGS	0	juvenile	H	Connecticut	PIT	1,325			all 1998	West Brook, MA
Connecticut R.	USGS	1	juvenile	H	Connecticut	PIT	120			all 1998	West Brook, MA
Connecticut R.	USGS	2	juvenile	H	Connecticut	PIT	8			all 1998	West Brook, MA
Connecticut R.	USGS	1	juvenile	H	Connecticut	PIT	83			May-98	Sawmill R., MA
Connecticut R.	USGS	2	juvenile	H	Connecticut	PIT	4			May-98	Sawmill R., MA
Connecticut R.	USGen	3	adult	W	Connecticut	Radio tag	2			May-98	Deerfield Study
Connecticut R.	USGen	4	adult	W	Connecticut	Radio tag	20			May-98	Deerfield Study
TOTAL TAG/MARK, CONNECTICUT RIVER							**1567**				
Pawcatuck R.	RIDFW	1	smolt	H	Merrimack	AD	5672			Jan-98	
TOTAL TAG/MARK, PAWCATUCK RIVER							**5672**				
Merrimack R.	NHFG	3+,4+	adult	D	Merrimack	Floy	482	98/S		4-5/98	Yellow
Merrimack R.	NHFG	3+,4+	adult	D	Merrimack	Floy	438	98/S		4-5/98	Green
Merrimack R.	NHFG	3+	adult	D	Merrimack	Floy	119	98/S		4/98	White
Merrimack R.	NHFG	3+	adult	D	Merrimack	Floy	125	98/S		4/98	Blue
Merrimack R.	NHFG	3+,4+	adult	D	Merrimack	Floy	311	98/S		4-5/98	Red
Merrimack R.	NHFG	3+	adult	D	Merrimack	Floy	55	98/S		4/98	Orange
Merrimack R.	NHFG	3+,4+	adult	D	Merrimack	Floy	149	98/S		5,7,10/98	Gray
Merrimack R.	NHFG	3+	adult	D	Merrimack	Floy	114	98/F		12/98	Gray
Merrimack R.	NHFG	3+	adult	D	Merrimack	Floy	241	98/F		12/98	Purple
Merrimack R.	NHFG	1	smolt	H	Merrimack	LV	923			6/98	
Merrimack R.	NHFG	1+	parr	H	Merrimack	LV	3290			6/98	
Merrimack R.	USFWS	1+	parr	H	Merrimack	RV	3550			4/98	
TOTAL TAG/MARK, MERRIMACK RIVER							**9797**				
Machias R.	USFWS	5	adult	C	Machias	Carlin	47	180-227	AP	10/98	green
Machias R.	ASA	0+	parr	W	Machias	VIE	81			08/98	red in left jaw
Machias R.	ASA	0+	parr	W	Machias	VIE	111			08/98	red in right jaw
Machias R.	ASA	0+	parr	W	Machias	VIE	343			08/98	blue in right jaw
Machias R.	ASA	0+	parr	W	Machias	VIE	81			08/98	blue in left jaw
Machias R.	ASA	1+	parr	W	Machias	VIE	50			08/98	blue in left jaw

Machias R.	USFWS/ASA	1	smolt	H	Machias	VIE	10800		AC	04/98	red in left eye
Machias R.	USFWS/ASA	5	adult	C	Machias	ping	8		AP	10/98	54-76.8 kHz
TOTAL TAG/MARK, MACHIAS RIVER							**11521**				
Penobscot R.	GNP	1	smolt	H	Penobscot	ping	60			04/98	40.6-40.69 mHz
TOTAL TAG/MARK, PENOBSCOT RIVER							**60**				
Dennys R.	USFWS/ASA	1	smolt	H	Dennys	VIE	9600		AC	04/98	orange in left eye
TOTAL TAG/MARK, DENNYS RIVER							**9600**				
Narraguagus R.	USFWS/ASA	4, 5	adult	C	Narraguagus	Carlin	50	120-173	AP	10/98	green
Narraguagus R.	USFWS/NMFS	2	smolt	W	Narraguagus	Ping	109			5,6/98	65.5-78.0 kHz
Narraguagus R.	USFWS/ASA	1	smolt	H	Narraguagus	VIE	22		Ping	06/98	65.5-78.o kHz; blue elas.
Narraguagus R.	USFWS/ASA	4, 5	adult	H	Narraguagus	Ping	14		AP	10/98	double adipose punch
TOTAL TAG/MARK, NARRAGUAGUS RIVER							**195**				
Sheepscot R.	USFWS/ASA	4, 5	adult	C	Sheepscot	Carlin	37	001-040	AP	04/98	green
TOTAL TAG/MARK, SHEEPSCOT RIVER							**37**				
East Machias R.	USFWS/ASA	4, 5	adult	C	East Machias	Carlin	36	041-077	AP	04/98	green
East Machias R.	USFWS/ASA	4, 5	adult	C	East Machias	ping	8		AP	10/98	54-76.8 kHz
East Machias R.	USFWS/ASA	1	smolt	H	East Machias	VIE	10800		AC	04/98	yellow in left eye
TOTAL TAG/MARK, EAST MACHIAS RIVER							**10844**				

Notes

UCP = upper caudal punch

LCP = lower caudal punch

CP = caudal punch

AD = adipose clip

AP=hole punched in adipose fin (AD punch)

Ping=internally implanted ultrasonic pinger

VIA=visual implant alpha-numeric

VIE=visual implant elastomers

LV=left ventral fin clip

RV=right ventral fin clip

H=hatchery

W=wild

C=captive, wild origin held in hatchery then released

D=domestic, entire life cycle in hatchery

TABLE 2.3.1. DOCUMENTED ATLANTIC SALMON RETURNS TO NEW ENGLAND RIVERS IN 1998. [1)]

RIVER	NUMBER OF ATLANTIC SALMON BY SEA AGE								TOTAL FOR 1998
	1SW		2SW		3SW		RS		
	Hatchery	Wild	Hatchery	Wild	Hatchery	Wild	Hatchery	Wild	
Penobscot Rive	240	29	796	130	0	1	10	4	1,210
Aroostook Riv	13	13	2	2	0	0	0	0	30
Union River	2	0	7	0	0	0	4	0	13
Narraguagus R	0	1	0	18	0	0	0	3	22
Pleasant River									unknown
Machias River									unknown
East Machias River									unknown
Dennys River	0	0	0	1	0	0	0	0	1
St. Croix River	20	12	3	6	0	0	0	0	41
Kennebec River									unknown
Androscoggin	0	0	4	0	0	0	0	0	4
Sheepscot River									unknown
Ducktrap River									unknown
Saco River	9	4	7	7	0	1	0	0	28
Cocheco River	0	0	0	0	0	0	0	0	0
Lamprey River	0	0	0	0	0	0	0	0	0
Merrimack Riv	11	19	45	47	1	0	0	0	123
Pawcatuck Riv	0	1	0	2	0	0	0	0	3
Connecticut Ri	0	8	0	290	0	0	0	2	300
TOTAL	**295**	**87**	**864**	**503**	**1**	**2**	**14**	**9**	1,775

[1)] These are considered minimum numbers; reflecting only trap counts and rod catches. Fish are considered to be wild if they originated from fry plants or natural reproduction.

[2)] Does not indluce 3 captive broodstock.

[3)] Included in count: 1 in weir (weir operated for 10 days in Sept.); 1 taken (killed) by vandals.

TABLE 2.3.4. SUMMARY OF ATLANTIC SALMON EGG I ENGLAND FACILITIES IN 1998. [1]

SOURCE RIVER	ORIGIN	FEMALES SPAWNED	TOTAL EGG PRODUCTION	NO. OF EGGS PER FEMALE
Sheepscot Rive	Sea-run	0		
Penobscot Rive	Sea-run	392	2,804,084	7,153
Dennys River	Sea-run	0		
Merrimack Riv	Sea-run	63	518,000	8,222
Pawcatuck Riv	Sea-run	0		
Connecticut Ri	Sea-run	185	1,452,500	7,851
TOTAL SEA-RUN		**640**	**4,774,584**	**7,460**
Penobscot Rive	Domestic	560	1,456,192	2,600
Merrimack Riv	Domestic	560	2,669,300	4,767
Connecticut Ri	Domestic	1,140	7,029,500	6,166
Dennys River	Captive [2]	79	337,571	4,273
East Machias R	Captive	103	362,284	3,517
Sheepscot Rive	Captive	98	343,337	3,503
Machias River	Captive	166	547,603	3,299
Narraguagus R	Captive	186	490,020	2,635
TOTAL CAPTIVE/DOME		**2,892**	**13,235,807**	**4,577**
Dennys River	Kelts	10	105,599	10,560
Merrimack Riv	Kelts	5	64,400	12,880
Connecticut Ri	Kelts	156	1,493,500	9,574
Sheepscot Rive	Kelts	17	181,485	10,676
Machias River	Kelts	0		
TOTAL SEA-RUN KELTS		**183**	**1,780,584**	**9,730**
GRAND TOTAL		**3,715**	**#########**	**5,327**

[1] Egg production rounded to nearest 100 eggs.

[2] Captive refers to adults produced from wild parr that were captured and reared to maturity in the hatchery.

Table 2.3.5. ESTIMATED 1998 SPORT CATCH OF ATLANTIC SALMON IN MAINE.					
RIVER	TOTAL HARVEST	EST. NO. RELEASED	TOTAL ANGLED 1998		TOTAL ANGLED 1997
St. Croix	0	0	0		0
Dennys	0	0	0		10
East Machias	0	5	5		0
Machias	0	0	0		10
Pleasant	0	15	15		0
Narraguagus	0	0	0		13
Union	0	0	0		0
Penobscot	0	250	250		300
Ducktrap	0	0	0		0
Sheepscot	0	3	3		0
Kennebec	0	0	0		0
Saco	0	0	0		0
Aroostook	0	0	0		0
Misc.	0	0	0		0
TOTAL	**0**	**273**	**273**		**333**

* Information on age and origin is not available.

Table 3.2.a. ATLANTIC SALMON STOCKING SUMMARY FOR NEW ENGLAND BY RIVER

NUMBER OF FRY ROUNDED TO NEAREST 1000 - ALL OTHER ENTRIES ROUNDED TO NEAREST 100

	NUMBER OF FISH						
RIVER / YEAR	**FRY**	**0+PARR**	**1PARR**	**1+PARR**	**1SMOLT**	**2SMOLT**	**TOTAL**
UPPER ST. JOHN							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0
1979	0	2100	0	0	0	0	2100
1980	0	0	0	0	0	2700	2700
1981	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0
1987	306000	60000	0	0	0	0	366000
1988	128000	779400	4800	0	0	0	912200
1989	66000	0	0	0	0	10300	76300
1990	110000	21000	9900	0	0	9600	150500
1991	228000	139300	0	0	5100	5100	377500
1992	400000	136100	0	0	0	0	536100
1993	361000	102800	0	0	0	0	463800
1994	566000	216000	0	0	0	0	782000
1995	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0
TOTAL	**2165000**	**1456700**	**14700**	**0**	**5100**	**27700**	**3669200**
AROOSTOOK							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0
1978	0	0	0	0	5200	0	5200
1979	0	3100	0	0	0	0	3100
1980	0	0	0	0	0	2600	2600
1981	0	25200	20400	0	0	0	45600
1982	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0

1986	84000	0	0	1800	0	0	85800
1987	41000	0	0	0	0	0	41000
1988	43000	0	0	0	0	0	43000
1989	313000	242200	0	0	0	10000	565200
1990	69000	0	0	0	27400	7600	104000
1991	74000	46600	0	0	0	9600	130200
1992	0	0	16400	0	0	0	16400
1993	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	4300	0	0	0	0	0	4300
1996	0	0	0	0	0	0	0
1997	578000	0	0	0	0	0	578000
1998	142000	0	0	0	0	0	142000
TOTAL	**1348300**	**317100**	**36800**	**1800**	**32600**	**29800**	**1766400**
ST. CROIX							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0
1981	0	0	0	0	0	20000	20000
1982	101000	20900	50000	0	19900	100	191900
1983	0	0	25500	0	20000	0	45500
1984	54000	0	13800	0	92500	0	160300
1985	178000	46400	12900	0	59600	0	296900
1986	193000	0	0	0	73500	0	266500
1987	255000	0	41000	0	59800	0	355800
1988	0	0	0	0	78700	0	78700
1989	0	0	0	0	50600	0	50600
1990	255000	0	0	0	65800	0	320800
1991	51000	40000	0	0	60200	0	151200
1992	85000	56500	14900	0	50300	0	206700
1993	0	101000	0	0	40100	0	141100
1994	87000	38600	0	0	60600	0	186200
1995	1000	0	0	0	0	0	1000
1996	0	52100	0	0	15600	0	67700
1997	1000	400	0	0	0	0	1400
1998	2000	31700	0	200	0	0	33900
TOTAL	**1263000**	**387600**	**158100**	**200**	**747200**	**20100**	**2576200**
DENNYS							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	3000	0	0	4200	7200
1976	0	0	0	0	0	8900	8900

	1977	0	0	0	0	0	0	0
	1978	0	0	0	0	30200	0	30200
	1979	0	0	0	0	10200	0	10200
	1980	0	0	0	0	0	15200	15200
	1981	0	0	0	0	0	0	0
	1982	0	0	0	0	0	0	0
	1983	20000	0	0	0	5200	0	25200
	1984	0	0	0	0	3300	0	3300
	1985	0	0	0	0	4500	0	4500
	1986	0	8300	0	0	5400	0	13700
	1987	24000	0	0	0	9000	0	33000
	1988	30000	0	0	0	25700	0	55700
	1989	12000	0	0	0	12100	0	24100
	1990	20000	0	0	0	25800	0	45800
	1991	25000	0	400	0	11700	0	37100
	1992	0	0	0	0	0	0	0
	1993	33000	0	0	0	0	0	33000
	1994	20000	0	0	0	0	0	20000
	1995	84000	0	0	0	0	0	84000
	1996	142000	0	0	0	0	900	142900
	1997	213000	0	0	0	0	0	213000
	1998	234000	10400	0	0	9600	0	254000
	TOTAL	**857000**	**18700**	**400**	**0**	**152700**	**25000**	**1053800**
PLEASANT								
	1970	0	0	0	0	0	0	0
	1971	0	0	0	0	0	0	0
	1972	0	0	0	0	0	0	0
	1973	0	0	0	0	0	0	0
	1974	0	0	0	0	0	0	0
	1975	0	0	0	0	0	3000	3000
	1976	0	0	0	0	0	1000	1000
	1977	0	0	0	0	0	0	0
	1978	0	0	0	0	3100	0	3100
	1979	0	0	0	0	0	0	0
	1980	0	0	0	0	200	10000	10200
	1981	0	0	0	0	0	4100	4100
	1982	0	0	0	0	5000	0	5000
	1983	0	0	0	0	0	0	0
	1984	0	0	0	0	0	0	0
	1985	33000	0	0	0	4100	0	37100
	1986	25000	0	0	0	6500	0	31500
	1987	25000	0	0	0	7500	0	32500
	1988	25000	0	1800	0	10500	0	37300
	1989	26000	2500	0	0	7300	0	35800
	1990	30000	0	0	0	10500	0	40500
	1991	23000	0	0	0	0	0	23000
	1992	0	0	0	0	0	0	0
	1993	0	0	0	0	0	0	0
	1994	0	0	0	0	0	0	0
	1995	0	0	0	0	0	0	0
	1996	0	0	0	0	0	0	0
	1997	0	0	0	0	0	0	0

1998	0	0	0	0	0	0	0
TOTAL	**187000**	**2500**	**1800**	**0**	**54700**	**15100**	**261100**
EAST MACHIAS							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	2000	2000
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	3000	3000
1976	0	0	0	0	0	3900	3900
1977	0	0	0	0	0	0	0
1978	0	0	0	0	12200	0	12200
1979	0	0	0	0	5200	0	5200
1980	0	0	0	0	0	15900	15900
1981	0	0	0	0	0	0	0
1982	0	0	0	0	0	5600	5600
1983	0	0	0	0	0	0	0
1984	0	0	8700	0	0	0	8700
1985	13000	0	0	0	4500	0	17500
1986	8000	0	0	0	5300	0	13300
1987	10000	0	0	0	9000	0	19000
1988	10000	0	7500	0	20700	0	38200
1989	30000	6500	8000	0	15300	0	59800
1990	42000	0	10100	0	10100	0	62200
1991	27000	0	8300	0	15300	0	50600
1992	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0
1996	115000	0	0	0	0	0	115000
1997	111000	0	0	0	0	0	111000
1998	190000	0	0	0	10800	0	200800
TOTAL	**556000**	**6500**	**42600**	**0**	**108400**	**25400**	**738900**
MACHIAS							
1970	0	0	0	0	0	10700	10700
1971	0	0	0	0	5100	3400	8500
1972	0	0	0	0	8500	4400	12900
1973	0	0	0	0	0	6100	6100
1974	0	0	0	0	0	6500	6500
1975	0	0	0	0	0	0	0
1976	0	0	0	0	5300	11100	16400
1977	0	0	0	0	0	0	0
1978	0	0	0	0	10200	0	10200
1979	0	0	0	0	10200	0	10200
1980	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0
1982	0	0	0	0	5500	0	5500
1983	0	12500	0	0	0	0	12500
1984	0	0	0	0	15800	0	15800
1985	0	0	7000	0	5100	0	12100
1986	8000	8000	0	0	0	0	16000
1987	0	12500	12300	0	13600	0	38400

1988	30000	0	31500	0	30900	0	92400
1989	49000	13800	28000	0	23100	0	113900
1990	75000	10100	17600	0	26100	0	128800
1991	13000	30000	21400	0	21100	0	85500
1992	14000	0	0	0	0	0	14000
1993	0	0	0	0	0	0	0
1994	50000	0	0	0	0	0	50000
1995	150000	0	0	0	0	0	150000
1996	233000	0	0	0	0	1900	234900
1997	237000	0	0	0	0	0	237000
1998	300000	5900	0	0	10800	0	316700
TOTAL	**1159000**	**92800**	**117800**	**0**	**177700**	**13000**	**1560300**
NARRAGUAGUS							
1970	0	0	0	0	0	11800	11800
1971	0	0	0	0	0	2900	2900
1972	0	0	0	0	0	15700	15700
1973	0	0	0	0	0	5600	5600
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	5000	5000
1976	0	0	0	0	0	8400	8400
1977	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0
1979	0	0	0	0	10100	0	10100
1980	0	0	0	0	0	20400	20400
1981	0	0	0	0	0	4100	4100
1982	0	0	0	0	0	5200	5200
1983	0	7800	0	0	0	0	7800
1984	0	0	0	0	5200	0	5200
1985	10000	0	0	0	4500	0	14500
1986	0	0	0	0	7500	0	7500
1987	15000	0	0	0	9000	0	24000
1988	20000	13000	5600	0	15700	0	54300
1989	29000	9500	7000	0	22100	4900	72500
1990	0	0	0	0	16800	0	16800
1991	0	0	0	0	15200	0	15200
1992	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	105000	0	0	0	0	0	105000
1996	196000	0	0	0	0	0	196000
1997	209000	0	2025	0	700	0	211725
1998	274000	14400	0	0	0	0	288400
TOTAL	**858000**	**44700**	**14625**	**0**	**106800**	**43000**	**1067125**
UNION							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	8100	0	8100
1972	0	0	0	0	0	7700	7700
1973	0	0	0	0	0	19600	19600
1974	0	0	0	0	9900	20400	30300
1975	0	0	0	0	0	31300	31300
1976	0	0	0	0	1800	31800	33600
1977	0	0	0	0	13000	22500	35500

1978	0	0	0	0	0	31900	31900
1979	0	0	0	0	12900	29900	42800
1980	0	0	0	0	30600	0	30600
1981	0	0	0	0	0	29400	29400
1982	0	0	0	0	5900	26500	32400
1983	0	0	0	0	41600	0	41600
1984	0	0	0	0	50200	0	50200
1985	7000	0	0	0	45800	0	52800
1986	7000	0	0	0	48400	0	55400
1987	7000	0	0	0	40100	0	47100
1988	0	0	0	0	30600	0	30600
1989	0	0	0	0	20400	0	20400
1990	0	0	0	0	20400	0	20400
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	60000	111700	0	0	0	0	171700
1994	0	0	0	0	0	0	0
1995	0	54800	0	0	0	0	54800
1996	0	53500	0	0	0	0	53500
1997	12000	69300	0	0	0	0	81300
1998	165000	0	0	0	0	0	165000
TOTAL	**258000**	**289300**	**0**	**0**	**361700**	**172000**	**1081000**
PENOBSCOT							
1970	0	25000	0	0	0	28500	53500
1971	0	0	15800	0	52600	0	68400
1972	129000	0	0	0	0	73800	202800
1973	0	0	0	0	12400	95800	108200
1974	0	0	0	0	34300	65900	100200
1975	0	0	35100	9100	15800	94800	154800
1976	0	0	83800	0	54700	180100	318600
1977	0	0	0	0	113800	224700	338500
1978	0	0	126800	0	61100	141400	329300
1979	95000	0	0	0	50000	246300	391300
1980	0	0	0	0	369000	215600	584600
1981	202000	25400	50300	0	24700	174800	477200
1982	248000	50900	206400	0	107400	222300	835000
1983	0	0	31900	0	281500	161400	474800
1984	80000	34400	0	0	481500	135600	731500
1985	197000	59500	17600	0	476500	104400	855000
1986	226000	25700	58600	0	520200	69000	899500
1987	333000	58100	101100	0	456800	82400	1031400
1988	431000	0	51400	0	599900	87100	1169400
1989	77000	104100	179600	0	351300	65300	777300
1990	317000	166500	155300	0	413200	15900	1067900
1991	398000	202600	104100	0	657800	15000	1377500
1992	925000	278200	106600	0	816600	8100	2134500
1993	1320000	202300	9600	0	580400	0	2112300
1994	949000	0	2400	0	567600	0	1519000
1995	502000	325000	5600	0	568400	0	1401000
1996	1242000	226000	17500	0	552200	0	2037700
1997	1472000	310900	4200	0	580200	0	2367300
1998	936000	337400	13400	0	571800	0	1858600

TOTAL	**9950000**	**2407000**	**1326200**	**0**	**9256600**	**2149400**	**25089200**
DUCKTRAP							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0
1985	15000	0	0	0	0	0	15000
1986	8000	0	0	0	0	0	8000
1987	15000	0	0	0	0	0	15000
1988	10000	0	0	0	0	0	10000
1989	17000	0	0	0	0	0	17000
1990	18000	0	0	0	0	0	18000
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0
TOTAL	**83000**	**0**	**0**	**0**	**0**	**0**	**83000**
SHEEPSCOT							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	1000	0	1000
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	1000	1000
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	2500	2500
1976	0	0	0	0	3000	0	3000
1977	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0
1982	0	0	0	0	5300	0	5300
1983	0	0	0	0	5200	0	5200
1984	0	0	0	0	5000	0	5000
1985	20000	0	0	0	3900	3600	27500
1986	10000	11600	0	0	7500	0	29100
1987	15000	8200	0	0	9000	0	32200
1988	40000	12300	0	0	10200	0	62500

1989	29000	13600	10000	0	10200	0	62800
1990	27000	10100	10000	0	17500	0	64600
1991	18000	15000	600	0	14400	0	48000
1992	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0
1996	102000	0	0	0	0	0	102000
1997	64000	0	0	0	0	0	64000
1998	256000	9300	0	0	0	0	265300
TOTAL	**581000**	**80100**	**20600**	**0**	**91200**	**3600**	**776500**
SACO							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	9500	9500
1976	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0
1982	0	47100	0	0	0	0	47100
1983	0	0	0	0	20300	0	20300
1984	0	0	0	0	5100	0	5100
1985	0	0	23600	0	5100	0	28700
1986	0	0	10000	0	35200	0	45200
1987	0	0	69800	0	22000	0	91800
1988	47000	0	0	0	25100	0	72100
1989	0	37800	49600	0	9900	0	97300
1990	0	30100	47800	0	10600	0	88500
1991	111000	0	0	0	10300	0	121300
1992	154000	50200	400	0	19800	0	224400
1993	167000	0	0	0	20100	0	187100
1994	190000	0	0	0	20000	0	210000
1995	376000	0	0	0	19700	0	395700
1996	0	45000	0	0	20000	0	65000
1997	97000	63300	0	0	20200	0	180500
1998	426000	50000	0	0	21300	0	497300
TOTAL	**1568000**	**323500**	**201200**	**0**	**284700**	**0**	**2377400**
COCHECO							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0

	1979	0	0	0	0	0	0	0
	1980	0	0	0	0	0	0	0
	1981	0	0	0	0	0	0	0
	1982	0	0	0	0	0	0	0
	1983	0	0	0	0	0	0	0
	1984	0	0	0	0	0	0	0
	1985	0	0	0	0	0	0	0
	1986	0	0	0	0	0	0	0
	1987	0	0	0	0	0	0	0
	1988	2000	0	0	0	0	0	2000
	1989	106000	0	0	0	0	0	106000
	1990	32000	50000	9500	0	0	0	91500
	1991	138000	0	0	0	0	0	138000
	1992	128000	0	0	0	0	0	128000
	1993	127000	0	0	1000	0	0	128000
	1994	149000	0	0	0	5300	0	154300
	1995	114000	0	0	0	0	0	114000
	1996	126000	0	0	0	0	0	126000
	1997	128000	0	0	0	0	0	128000
	1998	96000	0	0	0	0	0	96000
	TOTAL	**1146000**	**50000**	**9500**	**1000**	**5300**	**0**	**1211800**
LAMPREY								
	1970	0	0	0	0	0	0	0
	1971	0	0	0	0	0	0	0
	1972	0	0	0	0	0	0	0
	1973	0	0	0	0	0	0	0
	1974	0	0	0	0	0	0	0
	1975	0	0	0	0	0	0	0
	1976	0	0	0	0	0	0	0
	1977	0	0	0	0	0	0	0
	1978	0	0	0	0	19600	0	19600
	1979	0	0	0	0	8600	5800	14400
	1980	0	0	0	0	39900	8400	48300
	1981	0	0	0	0	19500	12200	31700
	1982	0	0	0	0	30700	6400	37100
	1983	0	0	0	0	0	0	0
	1984	0	0	0	0	0	0	0
	1985	0	0	0	0	0	0	0
	1986	0	0	0	0	0	0	0
	1987	0	0	0	0	0	0	0
	1988	0	0	0	0	0	0	0
	1989	146000	0	0	0	0	0	146000
	1990	50000	87000	11400	0	0	0	148400
	1991	110000	68200	0	0	0	0	178200
	1992	127000	12700	0	0	0	0	139700
	1993	68000	56500	28800	1100	15000	0	169400
	1994	98000	56300	7800	0	0	0	162100
	1995	91000	57100	0	0	4800	0	152900
	1996	115000	37000	8400	1000	0	0	161400
	1997	141000	52900	0	0	0	0	193900
	1998	95000	0	0	0	3300	0	98300
	TOTAL	**1041000**	**427700**	**56400**	**2100**	**141400**	**32800**	**1701400**

MERRIMACK							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0
1976	63000	75900	0	16600	0	2100	157600
1977	72000	0	0	700	0	31000	103700
1978	106000	0	0	0	21300	25900	153200
1979	77000	0	0	0	15000	24700	116700
1980	126000	0	0	0	2300	28700	157000
1981	57000	0	0	0	2600	98300	157900
1982	50000	81600	0	95500	5400	65600	298100
1983	8000	5000	15000	5000	47000	62900	142900
1984	526000	0	23300	9800	24400	43800	627300
1985	148000	0	5800	0	64000	125300	343100
1986	525000	0	31500	0	39900	64100	660500
1987	1078000	0	99300	0	141600	0	1318900
1988	1718000	0	129600	0	94400	0	1942000
1989	1034000	60000	88600	0	58600	0	1241200
1990	975000	0	5600	29700	116900	0	1127200
1991	1458000	0	0	0	62000	58100	1578100
1992	1118000	0	100	0	96400	0	1214500
1993	1157000	0	0	0	59000	0	1216000
1994	2816000	0	0	0	85000	0	2901000
1995	2827000	0	12700	0	70800	0	2910500
1996	1795000	0	0	4900	50000	0	1849900
1997	1977000	5000	4700	5300	52500	5400	2049900
1998	2589000	0	0	6800	51900	0	2647700
TOTAL	**22300000**	**227500**	**416200**	**174300**	**1161000**	**635900**	**24914900**
PAWCATUCK							
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0
1979	0	136000	0	0	0	0	136000
1980	0	1000	0	0	0	0	1000
1981	0	2000	108000	0	800	0	110800
1982	2000	1000	0	0	0	0	3000
1983	0	700	0	0	0	0	700
1984	0	23000	0	0	0	0	23000
1985	8000	51000	1400	0	0	0	60400
1986	0	50700	15000	0	0	0	65700
1987	3000	46200	4700	0	1000	0	54900
1988	150000	59600	7100	0	5400	0	222100
1989	0	379900	35800	0	6500	0	422200

1990	0	83500	55000	0	7500	0	146000
1991	0	101000	1000	0	2000	500	104500
1992	0	70800	2500	0	5000	0	78300
1993	383000	14500	4000	0	2300	0	403800
1994	557000	0	0	0	0	0	557000
1995	367000	52200	0	0	0	0	419200
1996	289000	136100	0	0	5000	0	430100
1997	100000	0	14000	0	11500	0	125500
1998	909612	0	6100	8573	5672	0	929957
TOTAL	**2768612**	**1209200**	**254600**	**8573**	**52672**	**500**	**4294157**
CONNECTICUT							
1970	0	0	0	0	0	0	0
1971	60000	15000	7800	2900	5600	12400	103700
1972	0	0	2700	2300	4600	13100	22700
1973	0	15000	1000	21100	1400	31900	70400
1974	16000	0	9400	15600	10400	44000	95400
1975	31900	0	1700	16400	2800	70000	122800
1976	26600	0	5000	24200	4000	30500	90300
1977	49500	0	0	15400	0	99200	164100
1978	50000	0	0	36600	0	94300	180900
1979	53500	0	0	38400	0	145100	237000
1980	286000	0	0	11500	0	51800	349300
1981	168000	182700	1900	3600	5300	73300	434800
1982	294000	9400	25100	9600	28100	180800	547000
1983	226000	115400	293800	400	89100	8900	733600
1984	625000	178600	241200	11400	312300	0	1368500
1985	422000	130500	110700	0	255000	0	918200
1986	176000	188400	267100	0	290500	0	922000
1987	1180000	383200	345100	0	206000	0	2114300
1988	1310000	72200	75200	0	395300	0	1852700
1989	1243000	268700	76800	0	217700	0	1806200
1990	1271000	341600	25400	0	475900	0	2113900
1991	1725000	306200	33100	0	351000	0	2415300
1992	2009000	313900	11500	0	313300	0	2647700
1993	4147000	237100	28700	0	382800	0	4795600
1994	5979000	37000	2300	12900	375100	0	6406300
1995	6818000	4500	0	0	1300	0	6823800
1996	6675000	12400	0	3600	11500	0	6702500
1997	8526000	8800	0	0	1400	0	8536200
1998	9119000	3000	0	7700	1700	0	9131400
TOTAL	**52378600**	**2793600**	**1542900**	**175300**	**3717300**	**683900**	**61291600**
Upper St. John	2165000	1456700	14700	0	5100	27700	3669200
Aroostook	1348300	317100	36800	1800	32600	29800	1766400
St. Croix	1263000	387600	158100	200	747200	20100	2576200
Dennys	857000	18700	400	0	152700	25000	1053800
Pleasant	187000	2500	1800	0	54700	15100	261100
East Machias	556000	6500	42600	0	108400	25400	738900
Machias	1159000	92800	117800	0	177700	13000	1560300
Narraguagus	858000	44700	14625	0	106800	43000	1067125
Union	258000	289300	0	0	361700	172000	1081000
Penobscot	9950000	2407000	1326200	0	9256600	2149400	25089200

Ducktrap	83000	0	0	0	0	0	83000
Sheepscot	581000	80100	20600	0	91200	3600	776500
Saco	1568000	323500	201200	0	284700	0	2377400
Cocheco	1146000	50000	9500	1000	5300	0	1211800
Lamprey	1041000	427700	56400	2100	141400	32800	1701400
Merrimack	22300000	227500	416200	174300	1161000	635900	24914900
Pawcatuck	2768612	1209200	254600	8573	52672	500	4294157
Connecticut	52378600	2793600	1542900	175300	3717300	683900	61291600
TOTAL	**100467512**	**10134500**	**4214425**	**363273**	**16457072**	**3877200**	**135513982**

GRAND TOTAL BY RIVER (1970-1998)

Table 3.2.b. ATLANTIC SALMON RETURNS TO NEW ENGLAND RIVERS - (includes trap & rod caught salmon)

Returns From Juveniles of Hatchery Origin Include 0+PARR, 1PARR, 1+PARR, 1SMOLT, and 2SMOLT Releases -- Returns of Wild Origin Include Adults Produced From Natural Reproduction and Adults Produced From Fry Releases

RIVER	HATCHERY ORIGIN				WILD ORIGIN				
YEAR	1-S-W	2-S-W	3-S-W	REPEAT	1-S-W	2-S-W	3-S-W	REPEAT	TOTAL
PENOBSCOT									
1970	7	124	1	2	0	2	0	0	136
1971	21	89	1	1	0	2	0	0	114
1972	11	311	4	1	0	10	0	0	337
1973	10	290	2	7	0	2	0	0	311
1974	31	516	24	9	0	1	0	0	581
1975	45	917	11	19	0	8	0	0	1000
1976	75	563	4	6	0	20	0	0	668
1977	44	581	4	12	0	3	0	0	644
1978	123	1547	12	26	0	55	0	0	1763
1979	203	671	3	15	0	8	0	0	900
1980	652	2570	2	38	0	18	2	0	3282
1981	888	2454	12	24	3	18	2	0	3401
1982	155	3886	20	20	13	55	1	3	4153
1983	179	705	6	13	5	51	1	1	961
1984	239	1387	6	45	25	107	2	0	1811
1985	244	2868	6	9	22	202	1	4	3356
1986	534	3620	14	8	17	332	3	1	4529
1987	749	1477	29	49	19	162	5	20	2510
1988	716	1993	6	52	14	64	0	10	2855
1989	867	2005	4	36	67	103	1	4	3087
1990	430	2520	14	26	93	254	3	2	3342
1991	176	1085	4	21	40	427	0	4	1757
1992	932	1174	0	5	27	236	1	4	2379
1993	349	1279	7	13	22	92	1	6	1769
1994	265	630	2	5	48	93	0	6	1049
1995	158	1077	7	9	6	84	0	1	1342
1996	482	1187	6	14	13	335	3	5	2045
1997	241	914	4	13	6	174	2	1	1355
1998	240	796	0	10	29	130	1	4	1210
TOTAL	**9066**	**39236**	**215**	**508**	**469**	**3048**	**29**	**76**	**52647**

UNION											
1970											
1971											
1972											
1973	3	72	0	0		0	0	0	0		75
1974	6	13	1	0		0	0	0	0		20
1975	23	56	0	0		0	0	0	0		79
1976	90	158	0	0		0	0	0	0		248
1977	13	222	1	8		0	0	0	0		244
1978	4	147	2	4		0	0	0	0		157
1979	6	38	0	1		0	0	0	0		45
1980	42	197	0	1		0	0	0	0		240
1981	10	284	1	0		0	0	0	0		295
1982	30	118	1	7		0	0	0	0		156
1983	25	116	1	2		0	4	0	0		148
1984	3	37	0	0		0	0	0	0		40
1985	3	79	0	0		0	0	0	0		82
1986	7	59	1	0		0	0	0	0		67
1987	19	43	0	1		0	0	0	0		63
1988	0	45	0	0		0	2	0	0		47
1989	4	25	1	0		0	0	0	0		30
1990	1	20	0	0		0	0	0	0		21
1991	1	1	0	0		1	5	0	0		8
1992	0	4	0	0		0	0	0	0		4
1993	0	0	0	0		0	0	0	0		0
1994											
1995											
1996	6	62	0	0		0	1	0	0		69
1997	0	8	0	0		0	0	0	0		8
1998	2	7	0	4		0	0	0	0		13
TOTAL	**298**	**1811**	**9**	**28**		**1**	**12**	**0**	**0**		**2159**
NARRAGUAGUS											
1970	1	13	0	0		0	120	7	5		146
1971	2	33	0	0		3	67	3	0		108
1972	1	81	7	0		3	211	17	13		333
1973	2	22	2	2		1	135	3	3		170
1974	3	20	2	1		1	118	6	12		163

1975	0	2	0	0		0	103	2	4		111
1976	0	4	0	0		0	25	0	3		32
1977	2	5	0	0		1	105	0	11		124
1978	0	35	0	0		0	94	2	2		133
1979	0	9	0	0		0	49	0	0		58
1980	0	0	0	0		0	112	0	3		115
1981	1	20	0	1		0	49	0	2		73
1982	0	11	0	1		0	57	0	10		79
1983	2	17	0	0		0	69	0	2		90
1984	0	10	0	0		0	57	0	1		68
1985	0	0	0	0		0	56	0	1		57
1986	0	20	0	0		2	23	0	0		45
1987	0	11	0	0		0	24	0	2		37
1988	1	10	0	0		2	24	0	1		38
1989	3	9	0	0		1	26	0	0		39
1990	1	22	0	0		0	27	0	1		51
1991	3	19	0	5		8	53	0	7		95
1992	6	19	0	1		11	32	0	4		73
1993	0	16	0	4		6	66	0	2		94
1994	1	0	0	0		4	42	0	4		51
1995	0	0	0	0		0	51	0	5		56
1996	1	7	0	0		9	42	0	5		64
1997	0	2	0	0		1	30	0	4		37
1998	0	0	0	0		1	18	0	3		22
TOTAL	**30**	**417**	**11**	**15**		**54**	**1885**	**40**	**110**		**2562**
PLEASANT											
1970	0	0	0	0		0	1	0	0		1
1971	0	0	0	0		0	1	0	0		1
1972	0	0	0	0		0	1	0	0		1
1973	0	0	0	0		0	2	0	0		2
1974	0	0	0	0		2	27	1	0		30
1975	0	0	0	0		1	6	1	0		8
1976	0	0	0	0		0	1	0	0		1
1977	0	0	0	0		0	3	0	0		3
1978	0	0	0	0		0	16	0	0		16
1979	0	0	0	0		0	8	0	0		8
1980	0	0	0	0		0	5	0	0		5

1981	0	0	0	0		0	23	0	0		23
1982	4	8	0	0		0	6	0	1		19
1983	0	0	0	0		2	35	0	1		38
1984	0	0	0	0		1	16	0	0		17
1985	0	0	0	0		3	28	0	0		31
1986	0	0	0	0		0	19	0	0		19
1987	0	4	0	0		0	5	0	0		9
1988											
1989	0	0	0	0		0	0	0	0		0
1990	0	0	0	0		0	0	0	0		0
1991	0	0	0	0		0	0	0	0		0
1992	0	0	0	0		0	0	0	0		0
1993	0	0	0	0		0	0	0	0		0
1994	0	0	0	0		1	1	0	0		2
1995											
1996											
1997	0	0	0	0		0	1	0	0		1
1998											
TOTAL	**4**	**12**	**0**	**0**		**10**	**204**	**2**	**2**		**234**
MACHIAS											
1970	0	13	1	0		0	211	6	9		240
1971	2	26	1	0		1	137	5	4		176
1972	5	69	4	0		3	180	5	3		269
1973	0	7	0	0		0	28	0	0		35
1974	4	6	0	0		0	26	0	0		36
1975	0	10	0	0		5	36	0	0		51
1976	2	5	0	0		0	18	0	0		25
1977	2	8	0	0		0	15	0	0		25
1978	0	15	0	0		0	87	0	3		105
1979	0	8	0	0		0	58	0	0		66
1980	0	13	0	0		0	58	0	7		78
1981	0	19	0	0		0	31	0	3		53
1982	0	0	1	0		1	52	0	2		56
1983	0	0	0	0		0	16	0	1		17
1984	0	8	0	0		2	21	0	2		33
1985	0	5	0	0		0	25	0	2		32
1986	2	16	0	0		2	24	0	2		46

1987	0	0	0	0		0	4	0	0		4
1988	0	0	0	0		0	6	0	2		8
1989	3	4	0	0		4	5	0	0		16
1990	0	1	0	0		0	1	0	0		2
1991	1	0	0	0		1	0	0	0		2
1992	0	3	0	0		0	0	0	0		3
1993	0	2	0	0		1	12	0	0		15
1994											
1995											
1996											
1997											
1998											
TOTAL	**21**	**238**	**7**	**0**		**20**	**1051**	**16**	**40**		**1393**
EAST MACHIAS											
1970	0	0	0	0		0	1	0	0		1
1971	0	1	0	0		0	5	0	0		6
1972	0	1	0	0		0	3	0	0		4
1973	0	1	0	0		0	5	0	0		6
1974	0	1	0	0		0	1	0	0		2
1975	0	8	0	0		0	20	0	2		30
1976	2	16	0	2		0	0	0	0		20
1977	0	9	1	0		0	19	0	1		30
1978	0	13	0	0		0	46	0	0		59
1979	0	7	0	0		0	18	0	0		25
1980	0	24	0	0		2	34	0	2		62
1981	4	67	0	0		4	24	0	1		100
1982	0	15	0	0		0	22	0	0		37
1983	0	3	0	0		0	5	0	0		8
1984	0	9	0	0		3	33	0	2		47
1985	0	0	0	0		0	30	0	0		30
1986	0	5	0	0		0	8	0	0		13
1987	0	8	0	0		0	5	1	0		14
1988	1	8	0	0		0	5	0	0		14
1989	12	10	0	0		2	6	0	1		31
1990	1	30	0	0		0	16	0	1		48
1991	1	2	0	0		1	1	0	0		5
1992	0	6	0	0		0	0	0	0		6

1993	0	0	0	0		0	0	0	0		0
1994											
1995											
1996											
1997											
1998											
TOTAL	**21**	**244**	**1**	**2**		**12**	**307**	**1**	**10**		**598**
DENNYS											
1970	0	0	0	0		0	49	0	0		49
1971	0	0	0	0		0	19	0	0		19
1972	0	0	0	0		0	61	0	0		61
1973	0	0	0	0		0	40	0	0		40
1974	1	0	0	0		3	43	0	3		50
1975	0	0	0	0		0	40	0	0		40
1976	0	0	0	0		2	13	0	5		20
1977	0	0	0	0		0	26	0	0		26
1978	0	37	0	0		0	38	0	0		75
1979	0	0	0	0		0	36	0	2		38
1980	0	117	0	0		0	73	0	0		190
1981	6	74	0	0		0	43	3	0		126
1982	3	15	0	0		6	14	0	0		38
1983	0	0	0	0		0	28	0	0		28
1984	0	0	0	0		7	61	0	0		68
1985	0	6	0	0		0	14	0	0		20
1986	0	7	0	0		0	8	0	0		15
1987	0	0	0	0		0	1	0	0		1
1988	0	3	0	0		0	6	0	0		9
1989	1	10	0	0		0	1	0	0		12
1990	1	20	0	1		0	11	0	0		33
1991	1	0	0	0		0	6	0	0		7
1992	1	3	0	0		0	1	0	0		5
1993	7	2	0	0		0	4	0	0		13
1994	0	0	0	0		1	5	0	0		6
1995	0	0	0	0		0	5	0	0		5
1996	0	0	0	0		3	7	0	0		10
1997	0	0	0	0		0	0	0	0		0
1998	0	0	0	0		0	1	0	0		1

TOTAL	**21**	**294**	**0**	**1**		**22**	**654**	**3**	**10**		**1005**
ST. CROIX											
1970											
1971											
1972											
1973											
1974											
1975											
1976											
1977											
1978											
1979											
1980											
1981	25	14	1	0		24	14	1	0		79
1982	28	1	0	0		56	13	1	0		99
1983	14	62	4	0		11	28	3	0		122
1984	138	50	5	0		39	11	1	0		244
1985	28	144	14	0		28	122	14	0		350
1986	34	116	13	0		33	116	13	0		325
1987	108	63	1	0		94	103	6	0		375
1988	76	229	0	3		18	61	0	1		388
1989	78	66	0	1		44	44	0	8		241
1990	6	59	0	7		12	26	0	2		112
1991	41	90	0	0		16	38	0	4		189
1992	1	0	0	0		0	0	0	0		1
1993	5	76	0	0		4	18	0	2		105
1994	23	17	0	1		24	19	0	0		84
1995	7	15	0	0		8	16	0	0		46
1996	13	77	0	0		10	32	0	0		132
1997	26	2	0	0		0	0	0	0		28
1998	20	3	0	0		12	6	0	0		41
TOTAL	**671**	**1084**	**38**	**12**		**433**	**667**	**39**	**17**		**2961**
KENNEBEC											
1970											
1971											
1972											
1973											

1974										
1975	2	30	0	0		0	1	0	0	33
1976	0	2	2	0		0	0	0	0	4
1977	0	2	0	0		0	0	0	0	2
1978	0	2	0	0		0	0	0	0	2
1979	0	18	0	0		0	2	0	0	20
1980	1	3	0	0		0	0	0	0	4
1981	1	13	0	0		0	0	0	0	14
1982	1	22	1	0		0	0	0	0	24
1983	1	16	1	0		0	0	0	0	18
1984	0	1	0	0		0	0	0	0	1
1985	0	0	0	0		0	0	0	0	0
1986	0	0	0	0		0	0	0	0	0
1987	0	2	1	0		0	2	0	0	5
1988	4	15	0	1		0	0	0	0	20
1989	1	16	0	0		0	0	0	0	17
1990	1	41	0	0		0	4	0	0	46
1991	0	4	0	0		0	0	0	0	4
1992	0	0	0	0		0	0	0	0	0
1993	0	2	0	0		0	0	0	0	2
1994										
1995										
1996										
1997										
1998										
TOTAL	**12**	**189**	**5**	**1**		**0**	**9**	**0**	**0**	**216**

ANDROSCOGGIN

1970										
1971										
1972										
1973										
1974										
1975										
1976										
1977										
1978										
1979										

1980											
1981											
1982											
1983	1	16	0	0		0	3	0	1		21
1984	4	79	1	0		0	7	0	0		91
1985	1	18	0	0		0	2	0	0		21
1986	0	72	1	0		0	8	0	0		81
1987	2	20	3	0		0	1	0	0		26
1988	2	11	0	0		1	0	0	0		14
1989	1	17	0	0		0	1	0	0		19
1990	6	168	0	1		1	9	0	0		185
1991	0	9	0	0		0	12	0	0		21
1992	2	9	0	0		1	3	0	0		15
1993	1	33	0	0		1	9	0	0		44
1994	2	16	0	1		0	6	0	0		25
1995	2	12	0	0		0	2	0	0		16
1996	2	19	1	0		1	16	0	0		39
1997	0	0	0	0		0	1	0	0		1
1998	0	4	0	0		0	0	0	0		4
TOTAL	**26**	**503**	**6**	**2**		**5**	**80**	**0**	**1**		**623**
SHEEPSCOT											
1970	0	0	0	0		1	5	0	0		6
1971	0	0	0	0		2	27	1	0		30
1972	0	0	0	0		1	18	1	0		20
1973	0	0	0	0		1	18	1	0		20
1974	0	0	0	0		1	18	1	0		20
1975	0	0	0	0		1	10	0	0		11
1976	0	0	0	0		1	9	0	0		10
1977	0	0	0	0		1	22	1	0		24
1978	0	0	0	0		2	32	1	0		35
1979	0	0	0	0		1	7	0	0		8
1980	0	0	0	0		2	27	1	0		30
1981	0	0	0	0		1	14	0	0		15
1982	0	0	0	0		1	14	0	0		15
1983	0	0	0	0		1	11	0	0		12
1984	0	0	0	0		1	20	1	0		22
1985	0	0	0	0		1	5	0	0		6

1986	0	0	0	0		1	10	0	0		11
1987	2	7	0	0		1	5	0	0		15
1988	1	0	0	0		0	0	0	0		1
1989	1	1	0	0		2	1	0	0		5
1990	1	8	0	0		0	0	0	0		9
1991	0	4	0	0		0	0	0	0		4
1992	1	2	0	0		1	2	1	0		7
1993	0	9	0	0		0	0	0	0		9
1994	0	5	0	0		3	12	0	0		20
1995	0	2	0	0		0	22	0	0		24
1996	0	0	0	0			8	0	0		8
1997	0	0	0	0		0	0	0	0		0
1998											
TOTAL	**6**	**38**	**0**	**0**		**27**	**317**	**9**	**0**		**397**
DUCKTRAP											
1970											
1971											
1972											
1973											
1974											
1975											
1976											
1977											
1978											
1979											
1980											
1981											
1982											
1983											
1984											
1985	0	0	0	0		0	15	0	0		15
1986	0	0	0	0		3	12	0	0		15
1987	0	0	0	0		0	0	0	0		0
1988	0	0	0	0		0	0	0	0		0
1989	0	0	0	0		0	0	0	0		0
1990	0	0	0	0		0	3	0	0		3
1991	0	0	0	0		0	0	0	0		0

1992	0	0	0	0		0	0	0	0		0
1993	0	0	0	0		0	0	0	0		0
1994											
1995											
1996											
1997											
1998											
TOTAL	**0**	**0**	**0**	**0**		**3**	**30**	**0**	**0**		**33**
SACO											
1970											
1971											
1972											
1973											
1974											
1975											
1976											
1977											
1978											
1979											
1980											
1981											
1982											
1983											
1984											
1985	2	58	0	0		0	0	0	0		60
1986	0	36	1	0		0	0	0	0		37
1987	4	34	1	0		0	1	0	0		40
1988	1	37	0	0		0	0	0	0		38
1989	2	16	0	1		0	0	0	0		19
1990	4	68	0	0		0	1	0	0		73
1991	0	4	0	0		0	0	0	0		4
1992	0	0	0	0		0	0	0	0		0
1993	4	54	0	1		0	0	0	0		59
1994	6	17	0	0		0	0	0	0		23
1995	0	34	0	0		0	0	0	0		34
1996	11	39	1	3		0	0	0	0		54
1997	5	23	0	0		0	0	0	0		28

1998	9	7	0	0		4	7	1	0		28
TOTAL	**48**	**427**	**3**	**5**		**4**	**9**	**1**	**0**		**497**
COCHECO											
1970											
1971											
1972											
1973											
1974											
1975											
1976											
1977											
1978											
1979											
1980											
1981											
1982											
1983											
1984											
1985											
1986											
1987											
1988											
1989											
1990											
1991											
1992	0	0	0	0		0	1	0	0		1
1993	0	0	1	1		1	2	0	0		5
1994	0	0	0	0		0	0	0	0		0
1995	0	0	0	0		0	1	0	0		1
1996	0	0	0	0		2	0	0	0		2
1997	0	0	0	0		0	0	0	0		0
1998	0	0	0	0		0	0	0	0		0
TOTAL	**0**	**0**	**1**	**1**		**3**	**4**	**0**	**0**		**9**
LAMPREY											
1970											
1971											
1972											

1973										
1974										
1975										
1976										
1977										
1978										
1979	2	0	0	0		0	0	0	0	2
1980	2	5	0	0		0	0	0	0	7
1981	2	0	0	0		0	0	0	0	2
1982	2	9	0	0		0	0	0	0	11
1983	2	0	1	0		0	0	0	0	3
1984	0	3	0	0		0	0	0	0	3
1985	0	0	0	0		0	0	0	0	0
1986	0	0	0	0		0	0	0	0	0
1987	0	0	0	0		0	0	0	0	0
1988	0	0	0	0		0	0	0	0	0
1989	0	0	0	0		0	0	0	0	0
1990	0	0	0	0		0	0	0	0	0
1991	0	0	0	0		0	0	0	0	0
1992	0	0	0	0		0	2	0	0	2
1993	0	0	0	0		1	7	0	0	8
1994	0	0	0	0		0	3	0	0	3
1995	0	0	0	0		0	1	0	0	1
1996	0	0	0	0		0	1	0	0	1
1997	0	0	0	0		0	0	0	0	0
1998	0	0	0	0		0	0	0	0	0
TOTAL	**10**	**17**	**1**	**0**		**1**	**14**	**0**	**0**	**43**

MERRIMACK

1970										
1971										
1972										
1973										
1974										
1975										
1976										
1977										
1978										

1979											
1980											
1981											
1982	3	14	0	0		4	2	0	0		23
1983	7	54	5	0		1	41	6	0		114
1984	64	20	0	0		16	12	3	0		115
1985	8	112	1	0		5	85	2	0		213
1986	19	33	0	0		4	44	3	0		103
1987	8	94	4	0		2	26	5	0		139
1988	4	16	2	0		4	38	1	0		65
1989	3	24	1	0		0	55	1	0		84
1990	3	115	1	0		24	104	1	0		248
1991	1	76	0	0		0	254	1	0		332
1992	17	66	2	0		14	100	0	0		199
1993	0	27	1	1		2	30	0	0		61
1994	0	2	0	0		1	18	0	0		21
1995	2	18	0	0		0	14	0	0		34
1996	11	44	0	3		3	13	0	2		76
1997	9	43	0	4		9	5	0	1		71
1998	11	45	1	0		19	47	0	0		123
TOTAL	**170**	**803**	**18**	**8**		**108**	**888**	**23**	**3**		**2021**
PAWCATUCK											
1970											
1971											
1972											
1973											
1974											
1975											
1976											
1977											
1978											
1979											
1980											
1981											
1982	0	38	0	0		0	0	0	0		38
1983	1	37	0	0		0	0	0	0		38
1984	0	26	0	0		0	0	0	0		26

1985	0	1	0	0		0	0	0	0	1
1986	0	0	0	0		0	0	0	0	0
1987	0	1	0	0		0	0	0	0	1
1988	0	5	1	0		0	0	0	0	6
1989	0	6	0	0		0	0	0	0	6
1990	0	8	0	0		0	0	0	0	8
1991	0	5	0	0		0	0	0	0	5
1992	0	6	0	0		0	0	0	0	6
1993	0	2	0	0		0	1	0	0	3
1994	0	2	0	0		0	0	0	0	2
1995	0	2	0	0		0	0	0	0	2
1996	0	2	0	0		0	0	0	0	2
1997	0	0	0	0		0	3	0	0	3
1998	0	0	0	0		1	2	0	0	3
TOTAL	**1**	**141**	**1**	**0**		**1**	**6**	**0**	**0**	**150**
CONNECTICUT										
1970										
1971										
1972										
1973										
1974	0	1	0	0		0	0	0	0	1
1975	0	3	0	0		0	0	0	0	3
1976	0	2	0	0		0	0	0	0	2
1977	0	7	0	0		0	0	0	0	7
1978	3	90	0	0		0	0	0	0	93
1979	4	50	4	0		0	0	0	0	58
1980	4	164	7	0		0	0	0	0	175
1981	6	513	10	0		0	0	0	0	529
1982	3	57	0	0		0	10	0	0	70
1983	0	39	0	0		0	0	0	0	39
1984	7	65	0	0		2	18	0	0	92
1985	0	293	0	0		0	17	0	0	310
1986	0	275	0	0		0	43	0	0	318
1987	0	343	5	0		0	0	5	0	353
1988	1	93	0	0		0	1	0	0	95
1989	1	58	0	0		1	48	1	0	109
1990	1	226	0	0		0	36	0	0	263

1991	0	168	1	0	0	34	0	0	203
1992	3	353	1	0	5	127	1	0	490
1993	0	136	0	0	0	61	1	0	198
1994	1	263	0	1	0	61	0	0	326
1995	1	158	0	0	0	29	0	0	188
1996	0	143	0	0	5	111	0	1	260
1997	0	0	0	1	6	191	1	0	199
1998	0	0	0	0	8	290	0	2	300
TOTAL	**35**	**3500**	**28**	**2**	**27**	**1077**	**9**	**3**	**4681**
GRAND TOT	**10440**	**48954**	**344**	**585**	**1200**	**10262**	**172**	**272**	**72229**
PENOBSCOT	9066	39236	215	508	469	3048	29	76	52647
UNION	298	1811	9	28	1	12	0	0	2159
NARRAGUAGU	30	417	11	15	54	1885	40	110	2562
PLEASANT	4	12	0	0	10	204	2	2	234
MACHIAS	21	238	7	0	20	1051	16	40	1393
E. MACHIAS	21	244	1	2	12	307	1	10	598
DENNYS	21	294	0	1	22	654	3	10	1005
ST. CROIX	671	1084	38	12	433	667	39	17	2961
KENNEBEC	12	189	5	1	0	9	0	0	216
ANDROSCOGG	26	503	6	2	5	80	0	1	623
SHEEPSCOT	6	38	0	0	27	317	9	0	397
DUCKTRAP	0	0	0	0	3	30	0	0	33
SACO	48	427	3	5	4	9	1	0	497
COCHECO	0	0	1	1	3	4	0	0	9
LAMPREY	10	17	1	0	1	14	0	0	43
MERRIMACK	170	803	18	8	108	888	23	3	2021
PAWCATUCK	1	141	1	0	1	6	0	0	150
CONNECTICUT	35	3500	28	2	27	1077	9	3	4681
TOTAL	**10440**	**48954**	**344**	**585**	**1200**	**10262**	**172**	**272**	**72229**

GRAND TOTAL BY RIVER (1970-1998)

Table 3.7.a. Rate of return of adult Atlantic salmon that had been stocked as fry. Return rates from 1994-1996 are biased low

Year class	Merrimack	Pawcatuck	CT-mainstem	Salmon	Farmington	Westfield	Dennys	Narraguagus	Penobscot	Saco
1974	---	---	0.000	---	---	---	---	---	---	---
1975	0.000	---	0.000	---	---	---	---	---	---	---
1976	0.000	---	0.000	---	---	---	---	---	---	---
1977	0.000	---	0.000	---	---	---	---	---	---	---
1978	0.017	---	0.014	---	---	---	---	---	---	---
1979	0.056	---	0.004	---	0.000	---	---	---	0.081	---
1980	0.034	---	0.019	---	0.000	---	---	---	---	---
1981	0.142	---	0.044	---	0.011	---	---	---	0.178	---
1982	0.096	---	0.024	---	0.010	---	---	---	0.076	---
1983	0.275	---	0.006	---	0.001	---	0.000	---	---	---
1984	0.009	---	0.006	---	0.002	---	---	---	0.154	---
1985	0.040	---	0.012	---	0.010	---	---	0.280	0.138	---
1986	0.021	---	0.005	---	0.001	---	---	---	0.219	---
1987	0.026	---	0.004	0.002	0.007	---	0.000	0.353	0.099	---
1988	0.006	---	0.010	0.007	0.004	0.000	0.000	0.200	0.031	0.002
1989	0.004	---	0.006	0.000	0.007	0.001	0.000	0.266	0.147	---
1990	0.002	---	0.007	0.000	0.004	0.001	0.000	---	0.097	---
1991	0.001	---	0.003	0.000	0.001	0.002	0.000	---	0.065	0.000
1992	0.001	---	0.009	0.003	0.003	0.004		---	0.016	0.000
1993	0.001	0.001	0.004	0.002	0.007	0.006	0.000	---	0.003	0.000
1994	0.002	0.000	0.005	0.002	0.005	0.006	0.000	---	0.001	0.000
1995	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Mean*	0.038	n/a	0.009	0.002	0.004	0.002	0.000	0.275	0.100	0.001
SD	0.068	n/a	0.010	0.003	0.004	0.002	0.000	0.063	0.065	0.001

*Does not include 1994-96 because additonal adults may still return.

Table 3.7.b. Mean age distribution of adult Atlantic salmon that had been stocked as fry.

		Age class (smolt age.sea age) distribution (%)											Age (years) distribution (%)				
River		1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.2		2	3	4	5	6
Merrimack		0.3	2.8	0.4	13.1	65.4	4.4	3.3	9.6	0.6	0.1		0.3	15.9	69.1	14.0	0.7
CT-mainstem		0.0	3.3	0.0	1.0	89.9	1.2	0.0	4.6	0.0	0.0		0.0	4.3	89.9	5.8	0.0
Farmington		0.7	31.3	0.0	2.2	62.9	0.0	0.0	2.9	0.0	0.0		0.7	33.5	62.9	2.9	0.0
Westfield		0.0	0.0	0.0	0.8	93.7	0.0	0.0	5.5	0.0	0.0		0.0	0.8	93.7	5.5	0.0
Narraguagus		0.0	0.0	0.0	9.8	90.2	0.0	0.0	0.0	0.0	0.0		0.0	9.8	90.2	0.0	0.0
Penobscot		0.0	0.0	0.0	15.9	61.2	1.0	0.0	21.9	0.0	0.0		0.0	15.9	61.2	22.8	0.0

Table 3.7.c. Rate of return of adult Atlantic salmon that had been stocked as fry into the Merrimack River.

									Age class (smolt age.sea age) distribution (%)											Age (years) distribution (%)				
Year Class	Total no. fry stocked (1000s)	Unfed fry stocked (1000s)	Fed fry stocked (1000s)	Mean Density (no. fry per 100 m2)		Total returns	Return rate (% of fry)		1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.2		2	3	4	5	6
1975	36	0	36	unknown		0	0.000		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a
1976	63	0	63	unknown		0	0.000		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a
1977	72	0	72	unknown		0	0.000		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a
1978	106	101	5	unknown		18	0.017		0.0	0.0	0.0	0.0	11.1	33.3	22.2	27.8	5.6	0.0		0.0	0.0	33.3	61.1	5.6
1979	77	32	45	unknown		43	0.056		0.0	0.0	0.0	0.0	83.7	4.7	2.3	9.3	0.0	0.0		0.0	0.0	86.0	14.0	0.0
1980	126	90	35	unknown		43	0.034		0.0	0.0	0.0	0.0	18.6	4.7	20.9	51.2	4.7	0.0		0.0	0.0	39.5	55.8	4.7
1981	57	57	0	unknown		81	0.142		0.0	0.0	0.0	9.9	77.8	0.0	4.9	7.4	0.0	0.0		0.0	9.9	82.7	7.4	0.0
1982	50	0	50	unknown		48	0.096		0.0	0.0	2.1	2.1	77.1	8.3	0.0	10.4	0.0	0.0		0.0	2.1	79.2	18.8	0.0
1983	8	0	8	unknown		23	0.275		0.0	4.3	4.3	17.4	65.2	4.3	0.0	4.3	0.0	0.0		0.0	21.7	69.6	8.7	0.0
1984	526	425	101	29.9		47	0.009		0.0	12.8	0.0	4.3	76.6	2.1	0.0	4.3	0.0	0.0		0.0	17.0	76.6	6.4	0.0
1985	148	0	148	31.6		59	0.040		0.0	1.7	0.0	6.8	69.5	1.7	0.0	20.3	0.0	0.0		0.0	8.5	69.5	22.0	0.0
1986	525	428	97	31.6		110	0.021		0.0	10.9	0.0	0.0	78.2	0.9	0.0	8.2	0.0	1.8		0.0	10.9	78.2	9.1	1.8
1987	1078	1034	44	31.6		278	0.026		0.0	2.2	0.0	8.3	85.6	0.0	0.0	4.0	0.0	0.0		0.0	10.4	85.6	4.0	0.0
1988	1718	1718	0	31.6		95	0.006		1.1	5.3	0.0	0.0	90.5	0.0	0.0	3.2	0.0	0.0		1.1	5.3	90.5	3.2	0.0
1989	1034	1034	0	31.4		43	0.004		0.0	7.0	0.0	30.2	62.8	0.0	0.0	0.0	0.0	0.0		0.0	37.2	62.8	0.0	0.0
1990	975	640	335	31.6		21	0.002		4.8	0.0	0.0	9.5	81.0	0.0	0.0	4.8	0.0	0.0		4.8	9.5	81.0	4.8	0.0
1991	1458	1458	0	38.4		17	0.001		0.0	5.9	0.0	5.9	76.5	11.8	0.0	0.0	0.0	0.0		0.0	11.8	76.5	11.8	0.0
1992	1118	982	136	38.4		14	0.001		0.0	0.0	0.0	0.0	92.9	7.1	0.0	0.0	0.0	0.0		0.0	0.0	92.9	7.1	0.0
1993	1157	1139	18	38.4		11	0.001		0.0	0.0	0.0	27.3	45.5	0.0	9.1	18.2	0.0	0.0		0.0	27.3	54.5	18.2	0.0
1994	2816	2782	34	69.2		53	0.002		0.0	0.0	0.0	15.1	84.9	0.0	0.0	0.0	0.0	0.0		0.0	15.1	84.9	0.0	0.0
1995	2827	2817	10	63.2		19	0.001		0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	100.0	0.0	0.0	0.0
1996	1795	1782	13	63.2		0	0.000		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a
Total	17770	16518	1251			1023																		
Mean*							0.046		0.36	3.12	0.40	7.60	68.28	4.93	3.72	10.83	0.64	0.11		0.36	10.72	72.40	15.76	0.75

*Does not include 1994-96 because additonal adults may still return.

Table 3.7.d. Rate of return of adult Atlantic salmon that had been stocked as fry into the Pawcatuck River

Year Class	Total no. fry stocked (1000s)	Mean Density (no. fry per 100 m2)	Total returns	Return rate (% of fry)
1993	383	85.0	2	0.001
1994	557	124.0	1	0.000
1995	367	82.0	0	0.000
1996	289	64.0	0	0.000
Total	1596		3.0	

Table 3.7.e. Rate of return of adult Atlantic salmon that had been stocked as fry into the Connecticut River (mainstem).

Year Class	Total no. fry stocked (1000s)	Unfed fry stocked (1000s)	Fed fry stocked (1000s)	Mean Density (no. fry per 100 m2)	CV	Total returns	Return rate (% of fry)	Age Class (smolt age.sea age)										Age (years)				
								1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.2	2	3	4	5	6
1974	16	---	---	unknown		0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1975	32	---	---	134.0	180.9	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1976	27	---	---	16.0	12.0	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1977	50	---	---	9.3	28.0	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1978	50	---	---	9.3	28.0	7	0.014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1979	25	---	---	28.0	0.0	1	0.004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1980	89	---	---	110.0	0.0	17	0.019	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1981	151	---	38	18.1	91.0	66	0.044	0.0	0.0	0.0	3.0	97.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	97.0	0.0	0.0
1982	128	---	---	74.7	33.9	30	0.024	0.0	0.0	0.0	0.0	90.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	90.0	10.0	0.0
1983	70	---	45	27.1	128.9	4	0.006	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1984	455	91	---	45.9	66.9	28	0.006	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1985	286	64	109	80.5	70.7	33	0.012	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1986	97	---	89	44.6	16.6	5	0.005	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1987	981	643	110	28.5	8.0	38	0.004	0.0	2.6	0.0	0.0	78.9	2.6	0.0	15.8	0.0	0.0	0.0	2.6	78.9	18.4	0.0
1988	928	679	149	24.1	5.2	90	0.010	0.0	0.0	0.0	0.0	96.7	1.1	0.0	2.2	0.0	0.0	0.0	0.0	96.7	3.3	0.0
1989	747	517	231	26.6	4.1	45	0.006	0.0	6.7	0.0	6.7	84.4	0.0	0.0	2.2	0.0	0.0	0.0	13.3	84.4	2.2	0.0
1990	765	558	206	24.1	8.8	53	0.007	0.0	13.2	0.0	0.0	86.8	0.0	0.0	0.0	0.0	0.0	0.0	13.2	86.8	0.0	0.0
1991	982	554	428	24.6	3.8	26	0.003	0.0	19.2	0.0	0.0	65.4	0.0	0.0	15.4	0.0	0.0	0.0	19.2	65.4	15.4	0.0
1992	929	638	292	28.0	0.6	84	0.009	0.0	1.2	0.0	0.0	84.5	1.2	0.0	13.1	0.0	0.0	0.0	1.2	84.5	14.3	0.0
1993	2607	2361	247	34.8	2.6	95	0.004	0.0	0.0	0.0	2.1	86.3	1.1	0.0	10.5	0.0	0.0	0.0	2.1	86.3	11.6	0.0
1994	3925	3885	40	35.3	6.4	183	0.005	0.0	0.0	0.0	1.1	98.9	0.0	0.0	0.0	0.0	0.0	0.0	1.1	98.9	0.0	0.0
1995	4507	4480	28	34.8	4.7	7	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1996	4780	4772	8	39.9	4.2	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total	22625	19240	2019			812																
Mean*							0.009	0.00	3.58	0.00	0.98	89.17	1.33	0.00	4.94	0.00	0.00	0.00	4.56	89.17	6.27	0.00

*Does not include 1994-96 because additonal adults may still return.

Table 3.7.f. Rate of return of adult Atlantic salmon that had been stocked as fry into the Salmon River.

Year Class	Total no. fry stocked (1000s)	Mean Density (no. fry per 100 m2)	CV		Total returns	Return rate (% of fry)	
1987	121	25.0	75.0		2	0.002	
1988	43	41.0	1.6		3	0.007	
1989	111	55.0	6.6		0	0.000	
1990	38	45.0	1.7		0	0.000	
1991	25	unknown	n/a		0	0.000	
1992	124	26.8	10.1		4	0.003	
1993	105	42.7	3.6		2	0.002	
1994	241	46.6	3.7		4	0.002	
1995	242	46.5	7.1		0	0.000	
1996	247	50.8	6.7		0	0.000	
Total	1298				15		
Mean*						0.002	

*Does not include 1994-96 because additonal adults may still return.

Table 3.7.g. Rate of return of adult Atlantic salmon that had been stocked as fry into the Farmington River.

Year Class	Total no. fry stocked (1000s)	Unfed fry stocked (1000s)	Mean Density (no. fry per 100 m2)	CV	Total returns	Return rate (% of fry)	Age Class (smolt age.sea age)										Age (years)				
							1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.2	2	3	4	5	6
1979	29	29	unknown	n/a	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1980	197	197	167.0	0.0	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1981	18	18	17.0	0.0	2	0.011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1982	166	166	145.0	0.0	16	0.010	0.0	18.8	0.0	0.0	81.3	0.0	0.0	0.0	0.0	0.0	0.0	18.8	81.3	0.0	0.0
1983	157	157	135.0	0.0	1	0.001	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1984	128	128	113.0	0.0	2	0.002	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1985	136	136	119.0	0.0	13	0.010	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1986	79	79	123.0	0.0	1	0.001	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1987	68	unknown	25.0	75.0	5	0.007	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1988	333	unknown	55.7	7.3	13	0.004	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1989	279	unknown	46.0	0.9	20	0.007	0.0	60.0	0.0	10.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	30.0	0.0	0.0
1990	270	unknown	45.4	29.7	11	0.004	0.0	45.5	0.0	0.0	45.5	0.0	0.0	9.1	0.0	0.0	0.0	45.5	45.5	9.1	0.0
1991	265	unknown			2	0.001	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1992	553	unknown	53.0	3.8	15	0.003	0.0	20.0	0.0	0.0	66.7	0.0	0.0	13.3	0.0	0.0	0.0	20.0	66.7	13.3	0.0
1993	772	unknown	46.7	8.4	52	0.007	0.0	13.5	0.0	5.8	76.9	0.0	0.0	3.8	0.0	0.0	0.0	19.2	76.9	3.8	0.0
1994	1097	unknown	65.2	14.9	50	0.005	0.0	30.0	0.0	4.0	66.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	66.0	0.0	0.0
1995	1146	unknown	62.0	14.7	16	0.001	6.3	93.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	93.8	0.0	0.0	0.0
1996	912	unknown	57.6	12.5	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total	6604	910			219																
Mean*						0.004	0.00	22.52	0.00	2.25	71.47	0.00	0.00	3.75	0.00	0.00	0.00	24.78	71.47	3.75	0.00

*Does not include 1994-96 because additonal adults may still return.

Table 3.7.h. Rate of return of adult Atlantic salmon that had been stocked as fry into the Westfield River.

Year Class	Total no. fry stocked (1000s)	Unfed fry stocked (1000s)	Fed fry stocked (1000s)	Mean Density (no. fry per 100 m2)	CV	Total returns	Return rate (% of fry)	Age Class (smolt age.sea age)										Age (years)				
								1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.2	2	3	4	5	6
1988	6	6	0	36.0	0.0	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1989	106	106	0	32.6	0.7	1	0.001	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1990	274	274	0	36.0	0.0	4	0.001	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1991	454	454	0			8	0.002	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1992	402	402	0	26.3	0.6	15	0.004	0.0	0.0	0.0	0.0	93.3	0.0	0.0	6.7	0.0	0.0	0.0	0.0	93.3	6.7	0.0
1993	662	656	6	147.3		41	0.006	0.0	0.0	0.0	0.0	90.2	0.0	0.0	9.8	0.0	0.0	0.0	0.0	90.2	9.8	0.0
1994	674	653	21	39.8	3.6	41	0.006	0.0	0.0	0.0	2.4	97.6	0.0	0.0	0.0	0.0	0.0	0.0	2.4	97.6	0.0	0.0
1995	885	861	24	40.9	12.2	3	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1996	706	681	25	43.4	5.2	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total	4168	4092	76			113																
Mean*							0.002	0.00	0.00	0.00	0.00	91.79	0.00	0.00	8.21	0.00	0.00	0.00	0.00	91.79	8.21	0.00

*Does not include 1994-96 because additonal adults may still return.

Table 3.7.i. Rate of return of adult Atlantic salmon that had been stocked as fry into the Dennys River

Year Class	Total no. fry stocked (1000s)	Unfed fry stocked (1000s)	Fed fry stocked (1000s)	Mean Density (no. fry per 100 m2)		Total returns	Return rate (% of fry)
1983	20	0	20	50-100		0	0.0
1984	0	0	0	unknown		0	0.0
1985	0	0	0	unknown		0	0.0
1986	0	0	0	unknown		0	0.0
1987	24	0	24	50-100		0	0.0
1988	30	0	30	50-100		0	0.0
1989	12	0	12	50-100		0	0.0
1990	20	0	20	50-100		0	0.0
1991	25	0	25	50-100		0	0.0
1992	0	0	0	unknown		0	0.0
1993	33	0	33	50-100		0	0.0
1994	20	0	20	50-100		0	0.0
1995	84	0	84	50-100		0	0.0
1996	142	0	142	50-100		0	0.0
Total	410	0	410				
Mean*							0.0

*Does not include 1994-96 because additonal adults may still return.

Table 3.7.j. Rate of return of adult Atlantic salmon that had been stocked as fry into the Narraguagus River.

Year Class	Total no. fry stocked (1000s)	Unfed fry stocked (1000s)	Fed fry stocked (1000s)	Mean Density (no. fry per 100 m2)	Total returns	Return rate (% of fry)	Age Class (smolt age.sea age)										Age (years)				
							1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.2	2	3	4	5	6
1985	10	0	10	50-100	28	0.280	0.0	0.0	0.0	7.1	92.9	0.0	0.0	0.0	0.0	0.0	0.0	7.1	92.9	0.0	0.0
1986	0	0	0	unknown	28	n/a	0.0	0.0	0.0	3.6	96.4	0.0	0.0	0.0	0.0	0.0	0.0	3.6	96.4	0.0	0.0
1987	15	0	15	50-100	53	0.353	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1988	20	0	20	50-100	40	0.200	0.0	0.0	0.0	20.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	80.0	0.0	0.0
1989	29	0	29	50-100	77	0.266	0.0	0.0	0.0	14.3	85.7	0.0	0.0	0.0	0.0	0.0	0.0	14.3	85.7	0.0	0.0
1990	0	0	0	unknown	48	n/a	0.0	0.0	0.0	12.5	87.5	0.0	0.0	0.0	0.0	0.0	0.0	12.5	87.5	0.0	0.0
1991	0	0	0	unknown	55	n/a	0.0	0.0	0.0	7.3	92.7	0.0	0.0	0.0	0.0	0.0	0.0	7.3	92.7	0.0	0.0
1992	0	0	0	unknown	42	n/a	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1993	0	0	0	unknown	39	n/a	0.0	0.0	0.0	23.1	76.9	0.0	0.0	0.0	0.0	0.0	0.0	23.1	76.9	0.0	0.0
1994	0	0	0	unknown	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1995	105	0	105	50-100	1	0.001	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1996	196	0	196	50-100	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total	375	0	375		412																
Mean*						0.275	0.00	0.00	0.00	9.76	90.24	0.00	0.00	0.00	0.00	0.00	0.00	9.76	90.24	0.00	0.00

*Does not include 1994-96 because additonal adults may still return.

Table 3.7.k. Rate of return of adult Atlantic salmon that had been stocked as fry into the Penobscot River.

Year Class	Total no. fry stocked (1000s)	Mean Density (no. fry per 100 m2)	Total returns	Return rate (% of fry)	Age Class (smolt age.sea age)										Age (years)				
					1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	4.2	2	3	4	5	6
1979	95	50-100	77	0.081	0.0	0.0	0.0	16.9	53.2	2.6	0.0	27.3	0.0	0.0	0.0	16.9	53.2	29.9	0.0
1980	0	50-100	132	n/a	0.0	0.0	0.0	3.8	65.2	0.8	0.0	30.3	0.0	0.0	0.0	3.8	65.2	31.1	0.0
1981	202	50-100	360	0.178	0.0	0.0	0.0	6.9	73.9	0.8	0.0	18.3	0.0	0.0	0.0	6.9	73.9	19.2	0.0
1982	248	50-100	189	0.076	0.0	0.0	0.0	11.6	68.8	2.6	0.0	16.9	0.0	0.0	0.0	11.6	68.8	19.6	0.0
1983	0	50-100	81	n/a	0.0	0.0	0.0	21.0	63.0	0.0	0.0	16.0	0.0	0.0	0.0	21.0	63.0	16.0	0.0
1984	80	50-100	123	0.154	0.0	0.0	0.0	15.4	66.7	0.8	0.0	17.1	0.0	0.0	0.0	15.4	66.7	17.9	0.0
1985	197	50-100	271	0.138	0.0	0.0	0.0	5.2	74.9	1.1	0.0	18.8	0.0	0.0	0.0	5.2	74.9	19.9	0.0
1986	226	50-100	494	0.219	0.0	0.0	0.0	13.6	69.2	0.0	0.0	17.2	0.0	0.0	0.0	13.6	69.2	17.2	0.0
1987	333	50-100	330	0.099	0.0	0.0	0.0	28.2	57.3	0.3	0.0	14.2	0.0	0.0	0.0	28.2	57.3	14.5	0.0
1988	431	50-100	133	0.031	0.0	0.0	0.0	30.1	55.6	0.8	0.0	13.5	0.0	0.0	0.0	30.1	55.6	14.3	0.0
1989	77	50-100	113	0.147	0.0	0.0	0.0	23.9	59.3	0.0	0.0	16.8	0.0	0.0	0.0	23.9	59.3	16.8	0.0
1990	317	50-100	307	0.097	0.0	0.0	0.0	7.2	87.3	0.0	0.0	5.5	0.0	0.0	0.0	7.2	87.3	5.5	0.0
1991	398	50-100	260	0.065	0.0	0.0	0.0	18.5	53.5	1.2	0.0	26.9	0.0	0.0	0.0	18.5	53.5	28.1	0.0
1992	925	50-100	147	0.016	0.0	0.0	0.0	4.1	70.7	1.4	0.0	23.8	0.0	0.0	0.0	4.1	70.7	25.2	0.0
1993	1320	50-100	40	0.003	0.0	0.0	0.0	32.5	0.0	2.5	0.0	65.0	0.0	0.0	0.0	32.5	0.0	67.5	0.0
1994	949	50-100	6	0.001	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1995	502	50-100	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1996	1242	50-100	0	0.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total	7542		3063																
Mean*				0.100	0.00	0.00	0.00	15.92	61.24	0.99	0.00	21.86	0.00	0.00	0.00	15.92	61.24	22.84	0.00

*Does not include 1994-96 because additonal adults may still return.

Table 3.7.l. Rate of return of adult Atlantic salmon that had been stocked as fry into the Saco River

Year Class	Total no. fry stocked (1000s)	Mean Density (no. fry per 100 m2)		Total returns	Return rate (% of fry)
1988	47	50-100		1	0.002
1989	0	unknown		0	n/a
1990	0	unknown		0	n/a
1991	111	50-100		0	0.000
1992	154	50-100		0	0.000
1993	167	50-100		0	0.000
1994	190	50-100		0	0.000
1995	376	50-100		0	0.000
1996	0			0	n/a
Total	1045				
Mean*					0.0005

*Does not include 1994-96 because additonal adults may still return.