

**Table 9.1. Atlantic salmon marking database for New England; marked fish released in 2005 .**

<b>Marking Agency</b>	<b>Age</b>	<b>Life Stage</b>	<b>H/W</b>	<b>Stock Origin</b>	<b>Primary Mark or Tag</b>	<b>Number Marked</b>	<b>Secondary Mark or Tag</b>	<b>Release Date</b>	<b>Release Location</b>
Klein	2	Smolt	H	Connecticut	PIT	285	AD	May	Connecticut
NAI	4	Adult	W	Connecticut	RAD	7	PIT	June	Connecticut
NAI	4	Adult	W	Connecticut	RAD	5	PIT	May	Connecticut
NAI	2	Smolt	H	Connecticut	PIT	894	AD	June	Connecticut
NAI	2	Smolt	H	Connecticut	RAD	151	AD	June	Connecticut
NAI	2	Smolt	H	Connecticut	BAL	592	AD	May	Connecticut
USFWS	2	Smolt	H	Connecticut	AD	47,096		April	Connecticut
USFWS	2	Smolt	H	Connecticut	AD	35,832		Mar	Connecticut
USGS	1	Parr	W	Connecticut	PIT	453	VIE	Nov	Connecticut
CBNFH		Adult	H	Dennys	PIT	71		Nov	Dennys
NOAA	0		H	Dennys	LV	43,344		Oct	Dennys
NOAA	1	Smolt	H	Dennys	VIE	29,727	AD	April	Dennys
NOAA	1	Smolt	H	Dennys	VIE	26,668	AD	May	Dennys
UOM	1	Smolt	H	Dennys	PIT	55	AD	April	Dennys
UOM	1	Smolt	H	Dennys	PIT	174	AD	June	Dennys
UOM	1	Smolt	H	Dennys	PIT	38	AD	May	Dennys
CBNFH		Adult	H	East Machias	PIT	148		Nov	East Machias
NHFG	2	Adult	H	Merrimack	FLOY	422		May	Merrimack
NHFG	2 & 3	Adult	H	Merrimack	FLOY	443		Sept	Merrimack
NHFG	3	Adult	H	Merrimack	FLOY	430		May	Merrimack
NHFG	2	Adult	H	Merrimack	FLOY	100		June	Merrimack
CBNFH		Adult	H	Narraguagus	PIT	151		Nov	Narraguagus
ASC	0		H	Penobscot	LV	676		Sept	Penobscot
ASC	0		H	Penobscot	RV	497		Sept	Penobscot
CBNFH		Adult	H	Penobscot	PIT	429		Dec	Penobscot

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Mark or Tag	Number Marked	Secondary Mark or Tag	Release Date	Release Location
CBNFH		Adult	H	Penobscot	PIT	198		Nov	Penobscot
GLNFH		Adult	H	Penobscot	AP	688		Nov	Penobscot
NOAA	0		H	Penobscot	LV	96,320		Sept	Penobscot
NOAA	1	Smolt	H	Penobscot	VIE	172,699	AD	April	Penobscot
NOAA	1	Smolt	H	Penobscot	VIE	177	AD	May	Penobscot
NOAA	1	Smolt	H	Penobscot	VIE	172,562		April	Penobscot
PSNH	1	Smolt	H	Penobscot	HI-Z	83		May	Merrimack
PSNH	1	Smolt	H	Penobscot	RAD	49		May	Merrimack
USGS	1	Smolt	H	Penobscot	PING	275		April	Penobscot
USGS	1,2	Smolt	W	Penobscot	PING	60		May	Penobscot
CBNFH		Adult	H	Pleasant	PIT	458		April	Pleasant
ASC	0		H	Sheepscot	AD	15,882		Sept	Sheepscot
CBNFH		Adult	H	Sheepscot	PIT	119		Nov	Sheepscot

TAG/MARK CODES: AD = adipose clip; RAD = radio tag; AP = adipose punch; RV = RV Clip; BAL = Balloon tag; VIA = visible implant, alphanumeric; CAL = Calcein immersion; VIE = visible implant elastomer; FLOY = floy tag; VIEAC = visible implant elastomer and anal clip; DYE = MetaJet Dye; PIT = PIT tag; VPP = VIE tag, PIT tag, and ultrasonic pinger; PTC = PIT tag and Carlin tag; VPT = VIE tag and PIT tag; ANL = anal clip/punch; HI-Z = HI-Z Turb'N tag

***Table 9.2. Grand Summary of Atlantic Salmon marking data for New England; marked fish released in 2005.***

<b>Origin</b>	<b>Total External Marks</b>	<b>Total Adipose Clips</b>	<b>Total Marked</b>
Hatchery Adult	2,083		3,657
Hatchery Juvenile	643,752	330,270	644,076
Wild Adult			12
Wild Juvenile	453		513

**Page 1 of 1 for Table 9.2.**

*Table 10. Documented Atlantic salmon returns to New England rivers in 2005.*

	1SW		2SW		3SW		Repeat		Total	2001-2005
	Hatchery	Wild	Hatchery	Wild	Hatchery	Wild	Hatchery	Wild		Average
<b>Androscoggin</b>	2	0	8	0	0	0	0	0	<b>10</b>	6
<b>Connecticut</b>	0	23	4	159	0	0	0	0	<b>186</b>	76
<b>Merrimack</b>	8	0	25	1	0	0	0	0	<b>34</b>	89
<b>Narraguagus</b>	0	1	0	12	0	0	0	0	<b>13</b>	17
<b>Pawcatuck</b>	0	0	0	2	0	0	0	0	<b>2</b>	1
<b>Penobscot</b>	269	6	678	22	0	0	8	2	<b>985</b>	997
<b>Saco</b>	5	1	12	7	0	0	0	0	<b>25</b>	40
<b>Total</b>	<b>284</b>	<b>31</b>	<b>727</b>	<b>203</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>2</b>	<b>1,255</b>	<b>1,227</b>

**Table 11. Summary of Atlantic salmon green egg production in Hatcheries for New England rivers in 2005.**

<b>Source River</b>	<b>Origin</b>	<b>Females Spawned</b>	<b>Total Egg Production</b>
Connecticut	Domestic	1382	9,050,000
Merrimack	Domestic	191	691,000
Penobscot	Domestic	359	1,314,000
Dennys	Captive	85	386,000
East Machias	Captive	88	281,000
Machias	Captive	160	677,000
Narraguagus	Captive	146	449,000
Pleasant	Captive	99	304,000
Sheepscot	Captive	70	251,000
<b>Total Captive/Domestic</b>		<b>2,580</b>	<b>13,403,000</b>
Connecticut	Kelt	37	384,000
Merrimack	Kelt	65	697,000
<b>Total Kelt</b>		<b>102</b>	<b>1,081,000</b>
Connecticut	Sea Run	102	758,000
Merrimack	Sea Run	13	111,000
Penobscot	Sea Run	296	2,458,000
<b>Total Sea Run</b>		<b>411</b>	<b>3,327,000</b>
<b>Grand Total for Year 2005</b>		<b>3,093</b>	<b>17,811,000</b>

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

**Table 12. Summary of Atlantic salmon egg production in New England facilities.**

Year	Sea-Run			Domestic			Captive			Kelt			TOTAL		
	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female
<b>Cochecho</b>															
1993-1995	3	21,000	7,100	0	0		0	0		0	0		3	21,000	7,100
<b>Total Cochecho</b>	3	21,000	7,100	0	0	0	0	0		0	0		3	21,000	7,100
<b>Connecticut</b>															
1977-1995	817	11,901,000	8,500	4,779	42,750,000	6,000	0	0		760	12,402,000	10,500	6,356	67,053,000	6,900
1996	115	938,000	8,200	1,732	11,845,000	6,800	0	0		206	2,221,000	10,800	2,053	15,004,000	7,300
1997	110	771,000	7,000	1,809	11,602,000	6,400	0	0		188	2,003,000	10,700	2,107	14,376,000	6,800
1998	185	1,452,000	7,900	1,140	7,030,000	6,200	0	0		156	1,494,000	9,600	1,481	9,976,000	6,700
1999	83	622,000	7,500	1,862	11,173,000	6,000	0	0		193	1,813,000	9,400	2,138	13,608,000	6,400
2000	49	300,000	6,100	2,471	12,200,000	4,900	0	0		142	1,350,000	9,500	2,662	13,850,000	5,200
2001	20	162,000	8,100	1,955	9,870,000	5,000	0	0		102	1,003,000	9,800	2,077	11,036,000	5,300
2002	25	181,000	7,300	1,974	10,826,000	5,500	0	0		83	827,000	10,000	2,082	11,835,000	5,700
2003	34	245,000	7,200	2,152	11,600,000	5,400	0	0		67	660,000	9,800	2,253	12,505,000	5,600
2004	37	280,000	7,600	1,875	11,750,000	6,300	0	0		53	489,000	9,200	1,965	12,519,000	6,400
2005	102	758,000	7,400	1,382	9,050,000	6,500	0	0		37	384,000	10,400	1,521	10,192,000	6,700
<b>Total Connecticut</b>	1,577	17,610,000	7,500	23,131	149,696,000	5,900	0	0		1,987	24,646,000	10,000	26,695	191,954,000	6,300
<b>Dennys</b>															
1939-1995	22	185,000	7,700	0	0		161	414,000	2,400	13	73,000	5,400	196	673,000	5,600
1996	4	29,000	7,200	0	0		86	311,000	3,600	3	29,000	9,700	93	369,000	4,000
1997	0	0		0	0		113	430,000	3,800	7	64,000	9,200	120	494,000	4,100
1998	0	0		0	0		79	338,000	4,300	10	106,000	10,600	89	443,000	5,000
1999	0	0		0	0		48	249,000	5,200	7	58,000	8,200	55	306,000	5,600

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Note: Totals of eggs/female includes only the years for which information on number of females is available. It is a simple ratio of eggs/female and should not be used as an age specific fecundity measure because this can vary with age composition and broodstock type.

Note: Connecticut data are preliminary prior to 1990.

Year	Sea-Run			Domestic			Captive			Kelt			TOTAL		
	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female
2000	0	0		0	0		64	283,000	4,400	0	0		64	283,000	4,400
2001	0	0		0	0		82	359,000	4,400	0	0		82	359,000	4,400
2002	0	0		0	0		68	352,000	5,200	0	0		68	352,000	5,200
2003	0	0		0	0		79	438,000	5,500	0	0		79	438,000	5,500
2004	0	0		0	0		88	380,000	4,300	0	0		88	380,000	4,300
2005	0	0		0	0		85	386,000	4,500	0	0		85	386,000	4,500
<b>Total Dennys</b>	26	214,000	7,400	0	0	0	953	3,940,000	4,327	40	330,000	8,600	1,019	4,483,000	4,800
<b>East Machias</b>															
1995	0	0		0	0		65	144,000	2,200	0	0		65	144,000	2,200
1996	0	0		0	0		96	221,000	2,300	0	0		96	221,000	2,300
1997	0	0		0	0		111	394,000	3,500	0	0		111	394,000	3,500
1998	0	0		0	0		103	362,000	3,500	0	0		103	362,000	3,500
1999	0	0		0	0		57	296,000	5,200	0	0		57	296,000	5,200
2000	0	0		0	0		68	394,000	5,800	0	0		68	394,000	5,800
2001	0	0		0	0		67	400,000	6,000	0	0		67	400,000	6,000
2002	0	0		0	0		92	466,000	5,100	0	0		92	466,000	5,100
2003	0	0		0	0		93	456,000	4,900	0	0		93	456,000	4,900
2004	0	0		0	0		65	252,000	3,900	0	0		65	252,000	3,900
2005	0	0		0	0		88	281,000	3,200	0	0		88	281,000	3,200
<b>Total East Machias</b>	0	0		0	0	0	905	3,666,000	4,145	0	0		905	3,666,000	4,100
<b>Kennebec</b>															
1979-1995	5	50,000	10,000	0	0		0	0		0	0		5	50,000	10,000
<b>Total Kennebec</b>	5	50,000	10,000	0	0	0	0	0		0	0		5	50,000	10,000

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Year	Sea-Run			Domestic			Captive			Kelt			TOTAL		
	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female
<b>Lamprey</b>															
1992-1995	6	32,000	4,800	0	0		0	0		0	0		6	32,000	4,800
<b>Total Lamprey</b>	6	32,000	4,800	0	0	0	0	0		0	0		6	32,000	4,800
<b>Machias</b>															
1941-1995	456	3,263,000	7,300	0	0		259	680,000	2,500	6	39,000	6,400	721	3,982,000	6,900
1996	0	0		0	0		141	513,000	3,600	2	13,000	6,400	143	526,000	3,700
1997	0	0		0	0		176	603,000	3,400	0	0		176	603,000	3,400
1998	0	0		0	0		166	548,000	3,300	0	0		166	548,000	3,300
1999	0	0		0	0		121	550,000	4,500	0	0		121	550,000	4,500
2000	0	0		0	0		110	417,000	3,800	0	0		110	417,000	3,800
2001	0	0		0	0		108	672,000	6,200	0	0		108	672,000	6,200
2002	0	0		0	0		111	533,000	4,800	0	0		111	533,000	4,800
2003	0	0		0	0		121	763,000	6,300	0	0		121	763,000	6,300
2004	0	0		0	0		120	613,000	5,100	0	0		120	613,000	5,100
2005	0	0		0	0		160	677,000	4,200	0	0		160	677,000	4,200
<b>Total Machias</b>	456	3,263,000	7,300	0	0	0	1,593	6,569,000	4,336	8	52,000	6,400	2,057	9,884,000	4,700
<b>Merrimack</b>															
1983-1995	743	5,352,000	7,200	3,838	22,171,000	5,600	0	0		0	0		4,581	27,524,000	6,800
1996	31	212,000	6,900	912	5,469,000	6,000	0	0		0	0		943	5,682,000	6,000
1997	31	284,000	9,200	754	4,642,000	6,200	0	0		0	0		785	4,926,000	6,300
1998	63	518,000	8,200	560	2,669,000	4,800	0	0		5	64,000	12,900	628	3,252,000	5,200
1999	88	737,000	8,400	520	2,659,000	5,100	0	0		50	540,000	10,800	658	3,935,000	6,000
2000	38	311,000	8,200	596	2,625,000	4,400	0	0		62	748,000	12,100	696	3,683,000	5,300
2001	37	296,000	8,000	726	2,585,000	3,600	0	0		22	294,000	13,400	785	3,176,000	4,000

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	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female
2002	16	232,000	14,500	361	1,816,000	5,000	0	0		21	232,000	11,000	398	2,279,000	5,700
2003	60	499,000	8,300	489	1,914,000	3,900	0	0		20	236,000	11,800	569	2,649,000	4,700
2004	59	494,000	8,400	229	811,000	3,500	0	0		42	48,000	1,200	330	1,353,000	4,100
2005	13	111,000	8,500	191	691,000	3,600	0	0		65	697,000	10,700	269	1,499,000	5,600
<b>Total Merrimack</b>	<b>1,179</b>	<b>9,046,000</b>	<b>8,700</b>	<b>9,176</b>	<b>48,052,000</b>	<b>4,700</b>	<b>0</b>	<b>0</b>		<b>287</b>	<b>2,859,000</b>	<b>10,500</b>	<b>10,642</b>	<b>59,958,000</b>	<b>5,400</b>
<b>Narraguagus</b>															
1962-1995	0	1,303,000		0	0		174	540,000	2,900	0	0		174	1,843,000	2,900
1996	0	0		0	0		117	434,000	3,700	0	0		117	434,000	3,700
1997	0	0		0	0		172	517,000	3,000	0	0		172	517,000	3,000
1998	0	0		0	0		186	490,000	2,600	0	0		186	490,000	2,600
1999	0	0		0	0		134	542,000	4,000	0	0		134	542,000	4,000
2000	0	0		0	0		137	432,000	3,200	0	0		137	432,000	3,200
2001	0	0		0	0		93	404,000	4,300	0	0		93	404,000	4,300
2002	0	0		0	0		159	704,000	4,400	0	0		159	704,000	4,400
2003	0	0		0	0		120	624,000	5,200	0	0		120	624,000	5,200
2004	0	0		0	0		119	453,000	3,800	0	0		119	453,000	3,800
2005	0	0		0	0		146	449,000	3,100	0	0		146	449,000	3,100
<b>Total Narraguagus</b>	<b>0</b>	<b>1,303,000</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>1,557</b>	<b>5,589,000</b>	<b>3,655</b>	<b>0</b>	<b>0</b>		<b>1,557</b>	<b>6,892,000</b>	<b>3,700</b>
<b>Orland</b>															
1967-1995	39	270,000	7,300	0	0		0	0		0	0		39	270,000	7,300
<b>Total Orland</b>	<b>39</b>	<b>270,000</b>	<b>7,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>		<b>39</b>	<b>270,000</b>	<b>7,300</b>
<b>Pawcatuck</b>															
1992-1995	6	50,000	7,900	0	0		0	0		0	0		6	50,000	7,900

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Note: Connecticut data are preliminary prior to 1990.

Year	Sea-Run			Domestic			Captive			Kelt			TOTAL		
	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female
1996	1	17,000	16,900	0	0		0	0		0	0		1	17,000	16,900
1997	1	8,000	8,200	0	0		0	0		0	0		1	8,000	8,200
1999	6	61,000	10,200	0	0		0	0		0	0		6	61,000	10,200
2000	0	0		0	0		0	0		5	43,000	8,600	5	43,000	8,600
2001	0	0		2	2,000	1,100	0	0		1	8,000	7,800	3	10,000	3,300
2002	0	0		0	0		0	0		3	10,000	3,300	3	10,000	3,300
2003	2	6,000	3,100	0	0		0	0		0	0		2	6,000	3,100
<b>Total Pawcatuck</b>	<b>16</b>	<b>142,000</b>	<b>9,300</b>	<b>2</b>	<b>2,000</b>	<b>1,100</b>	<b>0</b>	<b>0</b>		<b>9</b>	<b>61,000</b>	<b>6,600</b>	<b>27</b>	<b>205,000</b>	<b>7,700</b>
<b>Penobscot</b>															
1871-1995	15,500	134,369,000	7,800	2,145	5,465,000	2,500	0	0		0	0		17,645	139,834,000	7,700
1996	380	2,635,000	6,900	0	0		0	0		0	0		380	2,635,000	6,900
1997	313	2,225,000	7,100	639	1,381,000	2,200	0	0		0	0		952	3,606,000	3,800
1998	392	2,804,000	7,200	560	1,456,000	2,600	0	0		0	0		952	4,260,000	4,500
1999	286	2,418,000	8,500	371	1,300,000	3,500	0	0		0	0		657	3,719,000	5,700
2000	196	1,559,000	8,000	540	1,334,000	2,500	0	0		0	0		736	2,893,000	3,900
2001	282	2,451,000	8,700	453	1,206,000	2,700	0	0		0	0		735	3,657,000	5,000
2002	218	2,001,000	9,200	484	1,300,000	2,700	0	0		0	0		702	3,301,000	4,700
2003	362	3,194,000	8,800	0	0		0	0		0	0		362	3,194,000	8,800
2004	353	3,229,000	9,100	477	1,200,000	2,500	0	0		0	0		830	4,429,000	5,300
2005	296	2,458,000	8,300	359	1,314,000	3,700	0	0		0	0		655	3,772,000	5,800
<b>Total Penobscot</b>	<b>18,578</b>	<b>159,343,000</b>	<b>8,100</b>	<b>6,028</b>	<b>15,956,000</b>	<b>2,800</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>		<b>24,606</b>	<b>175,300,000</b>	<b>5,600</b>
<b>Pleasant</b>															
2001	0	0		0	0		13	46,000	3,500	0	0		13	46,000	3,500
2002	0	0		0	0		19	84,000	4,400	0	0		19	84,000	4,400

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

Note: Totals of eggs/female includes only the years for which information on number of females is available. It is a simple ratio of eggs/female and should not be used as an age specific fecundity measure because this can vary with age composition and broodstock type.

Note: Connecticut data are preliminary prior to 1990.

Year	Sea-Run			Domestic			Captive			Kelt			TOTAL		
	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female
2003	0	0		0	0		11	92,000	8,300	0	0		11	92,000	8,300
2004	0	0		0	0		23	179,000	7,800	0	0		23	179,000	7,800
2005	0	0		0	0		99	304,000	3,100	0	0		99	304,000	3,100
<b>Total Pleasant</b>	0	0		0	0	0	165	705,000	5,420	0	0		165	705,000	5,400
<b>Sheepscot</b>															
1995	11	78,000	7,100	0	0		22	44,000	2,000	0	0		33	123,000	3,700
1996	7	47,000	6,700	0	0		36	66,000	1,800	7	66,000	9,400	50	179,000	3,600
1997	0	0		0	0		75	257,000	3,400	13	118,000	9,100	88	376,000	4,300
1998	0	0		0	0		98	343,000	3,500	17	162,000	9,500	115	505,000	4,400
1999	0	0		0	0		49	218,000	4,500	8	92,000	11,500	57	310,000	5,400
2000	0	0		0	0		60	246,000	4,100	0	0		60	246,000	4,100
2001	0	0		0	0		56	351,000	6,300	0	0		56	351,000	6,300
2002	0	0		0	0		100	455,000	4,600	0	0		100	455,000	4,600
2003	0	0		0	0		92	433,000	4,700	0	0		92	433,000	4,700
2004	0	0		0	0		78	308,000	3,900	0	0		78	308,000	3,900
2005	0	0		0	0		70	251,000	3,600	0	0		70	251,000	3,600
<b>Total Sheepscot</b>	18	125,000	6,900	0	0	0	736	2,972,000	3,855	45	438,000	9,900	799	3,537,000	4,400
<b>St Croix</b>															
1993-1995	36	271,000	7,500	0	0		0	0		0	0		36	271,000	7,500
2003	3	21,000	6,900	0	0		0	0		0	0		3	21,000	6,900
<b>Total St Croix</b>	39	292,000	7,200	0	0	0	0	0		0	0		39	292,000	7,200
<b>Union</b>															
1974-1995	600	4,611,000	7,900	0	0		0	0		0	0		600	4,611,000	7,900

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

Note: Totals of eggs/female includes only the years for which information on number of females is available. It is a simple ratio of eggs/female and should not be used as an age specific fecundity measure because this can vary with age composition and broodstock type.

Note: Connecticut data are preliminary prior to 1990.

Year	Sea-Run			Domestic			Captive			Kelt			TOTAL		
	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female
<b>Total Union</b>	600	4,611,000	7,900	0	0	0	0	0	0	0	0	0	600	4,611,000	7,900

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

Note: Totals of eggs/female includes only the years for which information on number of females is available. It is a simple ratio of eggs/female and should not be used as an age specific fecundity measure because this can vary with age composition and broodstock type.

Note: Connecticut data are preliminary prior to 1990.

**Table 13. Summary of all historical Atlantic salmon egg production in hatcheries for New England rivers.**

	Sea-Run			Domestic			Captive			Kelt			TOTAL		
	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female	No. females	Egg production	Eggs/female
<b>Cocheco</b>	3	21,000	7,100	0	0		0	0		0	0		3	21,000	7,100
<b>Connecticut</b>	1,577	17,611,000	11,200	23,131	149,696,000	6,500	0	0		1,987	24,646,000	12,400	26,695	191,953,000	7,200
<b>Dennys</b>	26	214,000	8,200	0	0		953	3,938,000	4,100	40	330,000	8,300	1,019	4,482,000	4,400
<b>East Machias</b>	0	0		0	0		905	3,666,000	4,100	0	0		905	3,666,000	4,100
<b>Kennebec</b>	5	50,000	10,000	0	0		0	0		0	0		5	50,000	10,000
<b>Lamprey</b>	6	32,000	5,300	0	0		0	0		0	0		6	32,000	5,300
<b>Machias</b>	456	3,263,000	7,200	0	0		1,593	6,567,000	4,100	8	52,000	6,500	2,057	9,882,000	4,800
<b>Merrimack</b>	1,179	9,046,000	7,700	9,176	48,052,000	5,200	0	0		287	2,859,000	10,000	10,642	59,957,000	5,600
<b>Narraguagus</b>	0	1,303,000		0	0		1,557	5,589,000	3,600	0	0		1,557	6,892,000	4,400
<b>Orland</b>	39	270,000	6,900	0	0		0	0		0	0		39	270,000	6,900
<b>Pawcatuck</b>	16	143,000	8,900	2	2,000	1,100	0	0		9	61,000	6,800	27	206,000	7,600
<b>Penobscot</b>	18,578	159,343,000	8,600	6,028	15,956,000	2,600	0	0		0	0		24,606	175,300,000	7,100
<b>Pleasant</b>	0	0		0	0		165	705,000	4,300	0	0		165	705,000	4,300
<b>Sheepscot</b>	18	125,000	7,000	0	0		736	2,972,000	4,000	45	438,000	9,700	799	3,536,000	4,400
<b>St Croix</b>	39	291,000	7,500	0	0		0	0		0	0		39	291,000	7,500
<b>Union</b>	600	4,611,000	7,700	0	0		0	0		0	0		600	4,611,000	7,700
<b>Grand Total</b>	<b>22,542</b>	<b>196,323,000</b>	<b>8,700</b>	<b>38,337</b>	<b>213,706,000</b>	<b>5,600</b>	<b>5,909</b>	<b>23,437,000</b>	<b>4,000</b>	<b>2,376</b>	<b>28,386,000</b>	<b>11,900</b>	<b>69,164</b>	<b>461,854,000</b>	<b>6,700</b>

**Table 14. Atlantic salmon stocking summary for New England, by river.**

<i>Number of fish stocked by life stage</i>						
	<b>Fry</b>	<b>0 Parr</b>	<b>1 Parr</b>	<b>1 Smolt</b>	<b>2 Smolt</b>	<b>Total</b>
<b>Androscoggin</b>						
2001	3,000	0	0	0	0	3,000
2002	0	0	0	0	0	0
2003	1,000	0	0	0	0	1,000
2004	2,000	0	0	0	0	2,000
2005	0	0	0	0	0	0
<b>Totals:Androscoggin</b>	<b>6,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,000</b>
<b>Aroostook</b>						
1978-1995	628,000	317,100	38,600	32,600	29,800	1,046,100
1996	0	0	0	0	0	0
1997	578,000	0	0	0	0	578,000
1998	142,000	0	0	0	0	142,000
1999	163,000	0	0	0	0	163,000
2000	0	0	0	0	0	0
2001	182,000	300	0	0	0	182,300
2002	122,000	0	0	0	0	122,000
2003	138,000	0	0	0	0	138,000
2004	169,000	0	0	0	0	169,000
2005	133,000	0	0	0	0	133,000
<b>Totals:Aroostook</b>	<b>2,255,000</b>	<b>317,400</b>	<b>38,600</b>	<b>32,600</b>	<b>29,800</b>	<b>2,673,400</b>
<b>Cocheco</b>						
1988-1995	796,000	50,000	10,500	5,300	0	861,800
1996	126,000	0	0	0	0	126,000
1997	128,000	0	0	0	0	128,000
1998	96,000	0	0	0	0	96,000
1999	157,000	0	0	0	0	157,000
2000	146,000	0	0	0	0	146,000
2001	165,000	0	0	0	0	165,000
2002	181,000	0	0	0	0	181,000
2003	163,000	0	0	0	0	163,000
<b>Totals:Cocheco</b>	<b>1,958,000</b>	<b>50,000</b>	<b>10,500</b>	<b>5,300</b>	<b>0</b>	<b>2,023,800</b>
<b>Connecticut</b>						
1967-1995	28,732,000	2,799,400	1,799,000	3,730,600	963,200	38,024,200
1996	6,677,000	12,400	3,600	11,500	0	6,704,500
1997	8,526,000	8,800	0	1,400	0	8,536,200
1998	9,119,000	3,000	7,700	1,700	0	9,131,400
1999	6,428,000	1,000	0	22,600	0	6,451,600
2000	9,325,000	600	0	700	48,200	9,374,500
2001	9,591,000	1,600	0	700	0	9,593,300
2002	7,283,000	700	0	500	0	7,284,200
2003	7,038,000	0	0	0	90,100	7,128,100
2004	7,683,000	3,100	2,500	0	96,400	7,785,000
2005	7,805,000	0	0	0	85,100	7,890,100
<b>Totals:Connecticut</b>	<b>108,207,000</b>	<b>2,830,600</b>	<b>1,812,800</b>	<b>3,769,700</b>	<b>1,283,000</b>	<b>117,903,100</b>
<b>Dennys</b>						

<i>Number of fish stocked by life stage</i>						
	<b>Fry</b>	<b>0 Parr</b>	<b>1 Parr</b>	<b>1 Smolt</b>	<b>2 Smolt</b>	<b>Total</b>
1975-1995	268,000	8,300	3,400	143,100	28,300	451,100
1996	142,000	0	0	0	900	142,900
1997	213,000	0	0	0	0	213,000
1998	233,000	10,400	0	9,600	0	253,000
1999	172,000	3,000	0	0	0	175,000
2000	96,000	30,500	0	0	0	126,500
2001	59,000	16,500	1,400	49,800	0	126,700
2002	84,000	33,000	1,900	49,000	0	167,900
2003	133,000	30,400	600	55,200	0	219,200
2004	219,000	44,000	0	56,300	0	319,300
2005	215,000	21,700	0	56,700	0	293,400
<b>Totals:Dennys</b>	<b>1,834,000</b>	<b>197,800</b>	<b>7,300</b>	<b>419,700</b>	<b>29,200</b>	<b>2,488,000</b>
<b>Ducktrap</b>						
1986-1995	68,000	0	0	0	0	68,000
1996	0	0	0	0	0	0
1997	0	0	0	0	0	0
1998	0	0	0	0	0	0
1999	0	0	0	0	0	0
2000	0	0	0	0	0	0
2001	0	0	0	0	0	0
2002	0	0	0	0	0	0
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
<b>Totals:Ducktrap</b>	<b>68,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68,000</b>
<b>East Machias</b>						
1973-1995	140,000	6,500	42,600	97,600	30,400	317,100
1996	115,000	0	0	0	0	115,000
1997	113,000	0	0	0	0	113,000
1998	190,000	0	0	10,800	0	200,800
1999	210,000	1,000	0	0	0	211,000
2000	197,000	0	0	0	0	197,000
2001	242,000	0	0	0	0	242,000
2002	236,000	0	0	0	0	236,000
2003	314,000	0	0	0	0	314,000
2004	319,000	0	0	0	0	319,000
2005	216,000	0	0	0	0	216,000
<b>Totals:East Machias</b>	<b>2,292,000</b>	<b>7,500</b>	<b>42,600</b>	<b>108,400</b>	<b>30,400</b>	<b>2,480,900</b>
<b>Kennebec</b>						
2001	3,000	0	0	0	0	3,000
2002	7,000	0	0	0	0	7,000
2003	42,000	0	0	0	0	42,000
2004	52,000	0	0	0	0	52,000
2005	30,000	0	0	0	0	30,000
<b>Totals:Kennebec</b>	<b>134,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>134,000</b>
<b>Lamprey</b>						
1978-1995	690,000	337,800	49,100	138,100	32,800	1,247,800
1996	115,000	37,000	9,400	0	0	161,400

<i>Number of fish stocked by life stage</i>						
	<b>Fry</b>	<b>0 Parr</b>	<b>1 Parr</b>	<b>1 Smolt</b>	<b>2 Smolt</b>	<b>Total</b>
1997	141,000	52,900	0	0	0	193,900
1998	95,000	0	0	3,300	0	98,300
1999	127,000	0	0	0	0	127,000
2000	104,000	0	0	0	0	104,000
2001	111,000	0	300	0	0	111,300
2002	103,000	0	0	60,000	0	163,000
2003	106,000	0	0	0	0	106,000
<b>Totals:Lamprey</b>	<b>1,592,000</b>	<b>427,700</b>	<b>58,800</b>	<b>201,400</b>	<b>32,800</b>	<b>2,312,700</b>
<b>Machias</b>						
1970-1995	389,000	86,900	117,800	180,500	42,200	816,400
1996	233,000	0	0	0	1,900	234,900
1997	236,000	0	0	0	0	236,000
1998	300,000	5,900	0	10,800	0	316,700
1999	169,000	1,000	0	0	0	170,000
2000	209,000	0	0	0	0	209,000
2001	267,000	0	0	0	0	267,000
2002	327,000	0	0	0	0	327,000
2003	341,000	0	300	0	0	341,300
2004	379,000	3,100	0	0	0	382,100
2005	476,000	0	200	0	0	476,200
<b>Totals:Machias</b>	<b>3,326,000</b>	<b>96,900</b>	<b>118,300</b>	<b>191,300</b>	<b>44,100</b>	<b>3,776,600</b>
<b>Merrimack</b>						
1975-1995	15,939,000	222,500	568,800	1,006,600	630,500	18,367,400
1996	1,795,000	0	4,900	50,000	0	1,849,900
1997	2,000,000	5,000	10,000	52,500	5,400	2,072,900
1998	2,589,000	0	6,800	51,900	0	2,647,700
1999	1,756,000	0	4,400	56,400	0	1,816,800
2000	2,217,000	0	0	52,500	0	2,269,500
2001	1,708,000	0	0	49,500	0	1,757,500
2002	1,414,000	0	1,900	50,000	1,200	1,467,100
2003	1,335,000	0	900	49,600	1,000	1,386,500
2004	1,556,000	3,700	0	50,000	0	1,609,700
2005	962,000	1,400	400	50,000	0	1,013,800
<b>Totals:Merrimack</b>	<b>33,271,000</b>	<b>232,600</b>	<b>598,100</b>	<b>1,519,000</b>	<b>638,100</b>	<b>36,258,800</b>
<b>Narraguagus</b>						
1970-1995	179,000	30,300	12,600	106,100	84,000	412,000
1996	196,000	0	0	0	0	196,000
1997	209,000	0	2,000	700	0	211,700
1998	274,000	14,400	0	0	0	288,400
1999	155,000	18,200	0	1,000	0	174,200
2000	252,000	0	0	0	0	252,000
2001	353,000	0	0	0	0	353,000
2002	261,000	0	0	0	0	261,000
2003	491,000	0	0	0	0	491,000
2004	468,000	0	0	0	0	468,000
2005	352,000	0	0	0	0	352,000
<b>Totals:Narraguagus</b>	<b>3,190,000</b>	<b>62,900</b>	<b>14,600</b>	<b>107,800</b>	<b>84,000</b>	<b>3,459,300</b>
<b>Pawcatuck</b>						



<i>Number of fish stocked by life stage</i>						
	<b>Fry</b>	<b>0 Parr</b>	<b>1 Parr</b>	<b>1 Smolt</b>	<b>2 Smolt</b>	<b>Total</b>
1979-1995	1,470,000	1,073,100	234,500	30,500	500	2,808,600
1996	289,000	136,100	0	5,000	0	430,100
1997	100,000	0	14,000	11,500	0	125,500
1998	910,000	0	14,700	5,700	0	930,400
1999	591,000	0	0	3,900	0	594,900
2000	326,000	0	0	0	0	326,000
2001	423,000	0	0	8,500	0	431,500
2002	403,000	0	0	0	0	403,000
2003	313,000	0	0	5,200	0	318,200
2004	557,000	0	0	6,100	0	563,100
2005	5,000	0	0	16,600	0	21,600
<b>Totals:Pawcatuck</b>	<b>5,387,000</b>	<b>1,209,200</b>	<b>263,200</b>	<b>93,000</b>	<b>500</b>	<b>6,952,900</b>
<b>Penobscot</b>						
1970-1995	6,429,000	1,557,700	1,351,100	7,667,500	2,508,200	19,513,500
1996	1,242,000	226,000	17,500	552,200	0	2,037,700
1997	1,472,000	310,900	4,200	580,200	0	2,367,300
1998	930,000	337,400	13,400	571,800	0	1,852,600
1999	1,498,000	229,600	1,500	567,300	0	2,296,400
2000	513,000	288,800	700	563,200	0	1,365,700
2001	364,000	235,800	2,100	454,000	0	1,055,900
2002	746,000	396,700	1,800	547,000	0	1,691,500
2003	741,000	320,700	2,100	547,300	0	1,611,100
2004	1,812,000	369,200	0	566,000	0	2,747,200
2005	1,899,000	295,400	0	530,600	0	2,725,000
<b>Totals:Penobscot</b>	<b>17,646,000</b>	<b>4,568,200</b>	<b>1,394,400</b>	<b>13,147,100</b>	<b>2,508,200</b>	<b>39,263,900</b>
<b>Pleasant</b>						
1975-1995	187,000	2,500	1,800	54,700	18,100	264,100
1996	0	0	0	0	0	0
1997	0	0	0	0	0	0
1998	0	0	0	0	0	0
1999	0	0	0	0	0	0
2000	0	0	0	0	0	0
2001	0	0	0	0	0	0
2002	0	13,500	0	0	0	13,500
2003	82,000	0	0	2,800	0	84,800
2004	47,000	0	0	0	8,800	55,800
2005	76,000	0	0	5,900	0	81,900
<b>Totals:Pleasant</b>	<b>392,000</b>	<b>16,000</b>	<b>1,800</b>	<b>63,400</b>	<b>26,900</b>	<b>500,100</b>
<b>Saco</b>						
1975-1995	1,045,000	165,200	201,200	223,200	9,500	1,644,100
1996	0	45,000	0	20,000	0	65,000
1997	97,000	63,300	0	20,200	0	180,500
1998	429,000	50,000	0	21,300	0	500,300
1999	688,000	47,000	0	20,100	0	755,100
2000	599,000	48,200	0	22,600	0	669,800
2001	479,000	0	0	400	0	479,400
2002	597,000	0	0	4,100	0	601,100
2003	501,000	20,000	0	3,200	0	524,200

<i>Number of fish stocked by life stage</i>						
	<b>Fry</b>	<b>0 Parr</b>	<b>1 Parr</b>	<b>1 Smolt</b>	<b>2 Smolt</b>	<b>Total</b>
2004	375,000	0	0	5,400	0	380,400
2005	340,000	0	18,000	1,700	0	359,700
<b>Totals:Saco</b>	<b>5,150,000</b>	<b>438,700</b>	<b>219,200</b>	<b>342,200</b>	<b>9,500</b>	<b>6,159,600</b>
<b>Sheepscot</b>						
1971-1995	159,000	70,800	20,600	92,200	7,100	349,700
1996	102,000	0	0	0	0	102,000
1997	64,000	0	0	0	0	64,000
1998	256,000	9,300	0	0	0	265,300
1999	302,000	4,700	0	0	0	306,700
2000	211,000	0	0	0	0	211,000
2001	171,000	0	0	0	0	171,000
2002	172,000	0	0	0	0	172,000
2003	323,000	0	0	0	0	323,000
2004	298,000	15,600	0	0	0	313,600
2005	201,000	15,900	0	0	0	216,900
<b>Totals:Sheepscot</b>	<b>2,259,000</b>	<b>116,300</b>	<b>20,600</b>	<b>92,200</b>	<b>7,100</b>	<b>2,495,200</b>
<b>St Croix</b>						
1981-1995	1,260,000	303,400	158,100	731,600	20,100	2,473,200
1996	0	52,100	0	15,600	0	67,700
1997	1,000	400	0	0	0	1,400
1998	2,000	31,700	200	0	0	33,900
1999	1,000	22,500	0	21,300	0	44,800
2000	1,000	19,000	0	20,000	0	40,000
2001	1,000	6,300	0	8,100	0	15,400
2002	1,000	15,400	0	4,100	0	20,500
2003	1,000	16,800	0	3,200	0	21,000
2004	0	2,800	0	4,100	0	6,900
2005	0	0	0	0	0	0
<b>Totals:St Croix</b>	<b>1,268,000</b>	<b>470,400</b>	<b>158,300</b>	<b>808,000</b>	<b>20,100</b>	<b>2,724,800</b>
<b>Union</b>						
1971-1995	81,000	166,500	0	379,700	251,000	878,200
1996	0	53,500	0	0	0	53,500
1997	12,000	69,300	0	0	0	81,300
1998	165,000	0	0	0	0	165,000
1999	165,000	82,100	0	0	0	247,100
2000	0	0	0	0	0	0
2001	2,000	0	0	0	0	2,000
2002	5,000	0	0	0	0	5,000
2003	3,000	0	0	0	0	3,000
2004	3,000	0	0	0	0	3,000
2005	2,000	0	0	0	0	2,000
<b>Totals:Union</b>	<b>438,000</b>	<b>371,400</b>	<b>0</b>	<b>379,700</b>	<b>251,000</b>	<b>1,440,100</b>
<b>Upper StJohn</b>						
1979-1995	2,165,000	1,456,700	14,700	5,100	27,700	3,669,200
1996	0	0	0	0	0	0
1997	0	0	0	0	0	0
1998	0	0	0	0	0	0
1999	0	0	0	0	0	0

<i>Number of fish stocked by life stage</i>						
	<b>Fry</b>	<b>0 Parr</b>	<b>1 Parr</b>	<b>1 Smolt</b>	<b>2 Smolt</b>	<b>Total</b>
2000	0	0	0	0	0	0
2001	0	0	0	0	0	0
2002	0	0	0	0	0	0
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
<b>Totals:Upper StJohn</b>	<b>2,165,000</b>	<b>1,456,700</b>	<b>14,700</b>	<b>5,100</b>	<b>27,700</b>	<b>3,669,200</b>

**Table 15. Overall summary of Atlantic salmon stocking for New England, by river.**

*Totals reflect the entirety of the historical time series for each river.*

	<b>Fry</b>	<b>0 Parr</b>	<b>1 Parr</b>	<b>1 Smolt</b>	<b>2 Smolt</b>	<b>Total</b>
<b>Androscoggin</b>	6,000	0	0	0	0	<b>5,700</b>
<b>Aroostook</b>	2,255,000	317,400	38,600	32,600	29,800	<b>2,673,800</b>
<b>Cochecho</b>	1,958,000	50,000	10,500	5,300	0	<b>2,024,200</b>
<b>Connecticut</b>	108,206,000	2,830,600	1,812,800	3,769,700	1,283,100	<b>117,901,900</b>
<b>Dennys</b>	1,834,000	197,800	7,300	419,800	29,200	<b>2,488,200</b>
<b>Ducktrap</b>	68,000	0	0	0	0	<b>68,000</b>
<b>East Machias</b>	2,292,000	7,500	42,600	108,400	30,400	<b>2,480,800</b>
<b>Kennebec</b>	134,000	0	0	0	0	<b>134,300</b>
<b>Lamprey</b>	1,593,000	427,700	58,800	201,400	32,800	<b>2,313,700</b>
<b>Machias</b>	3,326,000	96,900	118,200	191,300	44,100	<b>3,776,300</b>
<b>Merrimack</b>	33,271,000	232,500	598,100	1,519,000	638,100	<b>36,258,800</b>
<b>Narraguagus</b>	3,190,000	62,900	14,600	107,800	84,000	<b>3,459,700</b>
<b>Pawcatuck</b>	5,387,000	1,209,200	263,200	93,000	500	<b>6,952,800</b>
<b>Penobscot</b>	17,645,000	4,568,200	1,394,400	13,147,100	2,508,200	<b>39,263,000</b>
<b>Pleasant</b>	393,000	16,000	1,800	63,400	26,900	<b>500,700</b>
<b>Saco</b>	5,150,000	438,700	219,200	342,200	9,500	<b>6,159,300</b>
<b>Sheepscot</b>	2,259,000	116,300	20,600	92,200	7,100	<b>2,495,400</b>
<b>St Croix</b>	1,268,000	470,400	158,300	808,000	20,100	<b>2,725,100</b>
<b>Union</b>	437,000	371,400	0	379,700	251,000	<b>1,439,000</b>
<b>Upper StJohn</b>	2,165,000	1,456,700	14,700	5,100	27,700	<b>3,669,200</b>
<b>TOTALS</b>	<b>192,837,000</b>	<b>12,870,200</b>	<b>4,773,800</b>	<b>21,286,000</b>	<b>5,022,500</b>	<b>236,789,900</b>

Summaries for each river vary by length of time series.

**Table 16. Documented Atlantic salmon returns to New England rivers.**

	HATCHERY ORIGIN				WILD ORIGIN				Total
	1SW	2SW	3SW	REPEAT	1SW	2SW	3SW	REPEAT	
Documented returns include rod and trap caught fish. Returns are unknown where blanks occur.									
Returns from juveniles of hatchery origin include age 0 and 1 parr, and age 1 and 2 smolt releases.									
Returns of wild origin include adults produced from natural reproduction and adults produced from fry releases.									
<b>Androscoggin</b>									
1983-1995	24	480	5	2	4	63	0	1	<b>579</b>
1996	2	19	1	0	1	16	0	0	<b>39</b>
1997	0	0	0	0	0	1	0	0	<b>1</b>
1998	0	4	0	0	0	0	0	0	<b>4</b>
1999	0	1	0	0	1	3	0	0	<b>5</b>
2000	0	3	0	0	0	0	0	0	<b>3</b>
2001	1	4	0	0	0	0	0	0	<b>5</b>
2002	0	2	0	0	0	0	0	0	<b>2</b>
2003	0	3	0	0	0	0	0	0	<b>3</b>
2004	3	7	0	0	0	1	0	0	<b>11</b>
2005	2	8	0	0	0	0	0	0	<b>10</b>
<b>Total for Androscoggin</b>	<b>32</b>	<b>531</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>84</b>	<b>0</b>	<b>1</b>	<b>662</b>
<b>Cocheco</b>									
1990-1995	0	0	1	1	1	4	0	0	<b>7</b>
1996	0	0	0	0	2	0	0	0	<b>2</b>
1997	0	0	0	0	0	0	0	0	<b>0</b>
1998	0	0	0	0	0	0	0	0	<b>0</b>
1999	0	0	0	0	2	1	0	0	<b>3</b>
2000	0	0	0	0	0	2	0	0	<b>2</b>
2001	0	0	0	0	0	0	0	0	<b>0</b>
2002	0	0	0	0	0	0	0	0	<b>0</b>
2003	0	0	0	0	1	3	0	0	<b>4</b>
<b>Total for Cocheco</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>18</b>
<b>Connecticut</b>									
1969-1995	35	3,357	28	1	8	485	8	0	<b>3,922</b>
1996	0	143	0	0	5	111	0	1	<b>260</b>
1997	0	0	0	1	6	191	1	0	<b>199</b>
1998	0	0	0	0	10	288	0	2	<b>300</b>
1999	0	0	0	0	11	142	0	1	<b>154</b>
2000	0	0	0	0	1	76	0	0	<b>77</b>
2001	1	0	0	0	4	34	1	0	<b>40</b>
2002	0	3	0	0	2	38	1	0	<b>44</b>
2003	0	0	0	0	0	42	1	0	<b>43</b>

	HATCHERY ORIGIN				WILD ORIGIN				Total
	1SW	2SW	3SW	REPEAT	1SW	2SW	3SW	REPEAT	
2004	0	0	0	0	5	64	0	0	<b>69</b>
2005	0	4	0	0	23	159	0	0	<b>186</b>
<b>Total for Connecticut</b>	36	3,507	28	2	75	1630	12	4	<b>5,294</b>
<b>Dennys</b>									
1967-1995	18	304	0	1	21	726	3	10	<b>1,083</b>
1996	0	0	0	0	1	7	0	0	<b>8</b>
1997	0	0	0	0	0	0	0	0	<b>0</b>
1998	1	0	0	0	0	0	0	0	<b>1</b>
1999	0	0	0	0	0	0	0	0	<b>0</b>
2000	0	1	0	0	0	1	0	0	<b>2</b>
2001	9	2	0	0	1	9	0	0	<b>21</b>
2002	2	0	0	0	0	0	0	0	<b>2</b>
2003	4	5	0	0	0	1	0	0	<b>10</b>
2004	0	1	0	0	0	0	0	0	<b>1</b>
2005									
<b>Total for Dennys</b>	34	313	0	1	23	744	3	10	<b>1,128</b>
<b>Ducktrap</b>									
1985-1995	0	0	0	0	3	30	0	0	<b>33</b>
1996									
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
<b>Total for Ducktrap</b>	0	0	0	0	3	30	0	0	<b>33</b>
<b>East Machias</b>									
1967-1995	21	250	1	2	12	329	1	10	<b>626</b>
1996									
1997									
1998									
1999									
2000									
2001									
2002									
2003									

	HATCHERY ORIGIN				WILD ORIGIN				Total
	1SW	2SW	3SW	REPEAT	1SW	2SW	3SW	REPEAT	
2004									
2005									
<b>Total for East Machias</b>	21	250	1	2	12	329	1	10	<b>626</b>
<b>Kennebec</b>									
1975-1995	12	189	5	1	0	9	0	0	<b>216</b>
1996									
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
<b>Total for Kennebec</b>	12	189	5	1	0	9	0	0	<b>216</b>
<b>Lamprey</b>									
1979-1995	10	17	1	0	1	13	0	0	<b>42</b>
1996	0	0	0	0	0	1	0	0	<b>1</b>
1997	0	0	0	0	0	0	0	0	<b>0</b>
1998	0	0	0	0	0	0	0	0	<b>0</b>
1999	0	0	0	0	6	0	0	0	<b>6</b>
2000	0	0	0	0	2	2	0	0	<b>4</b>
2001	0	0	0	0	0	0	0	0	<b>0</b>
2002	0	0	0	0	0	0	0	0	<b>0</b>
2003	0	0	0	0	2	0	0	0	<b>2</b>
<b>Total for Lamprey</b>	10	17	1	0	11	16	0	0	<b>55</b>
<b>Machias</b>									
1967-1995	32	329	9	2	33	1,592	41	131	<b>2,169</b>
1996									
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									

	HATCHERY ORIGIN				WILD ORIGIN				Total
	1SW	2SW	3SW	REPEAT	1SW	2SW	3SW	REPEAT	
<b>Total for Machias</b>	32	329	9	2	33	1592	41	131	<b>2,169</b>
<b>Merrimack</b>									
1978-1995	139	671	17	1	77	823	23	0	<b>1,751</b>
1996	11	44	0	3	3	13	0	2	<b>76</b>
1997	9	43	0	4	9	5	0	1	<b>71</b>
1998	11	45	1	0	19	47	0	0	<b>123</b>
1999	46	65	1	0	9	64	0	0	<b>185</b>
2000	26	32	0	0	1	23	0	0	<b>82</b>
2001	5	73	0	0	2	3	0	0	<b>83</b>
2002	31	17	0	0	1	6	0	0	<b>55</b>
2003	12	129	0	0	0	4	0	0	<b>145</b>
2004	17	92	2	0	2	15	0	0	<b>128</b>
2005	8	25	0	0	0	1	0	0	<b>34</b>
<b>Total for Merrimack</b>	315	1,236	21	8	123	1004	23	3	<b>2,733</b>
<b>Narraguagus</b>									
1967-1995	91	637	19	52	49	2,220	68	140	<b>3,276</b>
1996	1	6	0	0	9	43	0	5	<b>64</b>
1997	0	2	0	0	1	30	0	4	<b>37</b>
1998	0	0	0	1	1	18	0	2	<b>22</b>
1999	0	2	0	0	6	23	0	1	<b>32</b>
2000	0	1	0	0	13	8	0	1	<b>23</b>
2001	0	2	0	0	5	22	2	1	<b>32</b>
2002	0	0	0	1	4	3	0	0	<b>8</b>
2003	0	0	0	0	0	21	0	0	<b>21</b>
2004	0	0	0	0	1	10	0	1	<b>12</b>
2005	0	0	0	0	1	12	0	0	<b>13</b>
<b>Total for Narraguagus</b>	92	650	19	54	90	2410	70	155	<b>3,540</b>
<b>Pawcatuck</b>									
1981-1995	1	139	1	0	0	1	0	0	<b>142</b>
1996	0	2	0	0	0	0	0	0	<b>2</b>
1997	0	0	0	0	0	3	0	0	<b>3</b>
1998	0	0	0	0	1	2	0	0	<b>3</b>
1999	1	6	0	0	0	4	0	0	<b>11</b>
2000	0	1	0	0	0	0	0	0	<b>1</b>
2001	0	0	0	0	0	0	0	0	<b>0</b>
2002	0	0	0	0	0	0	0	0	<b>0</b>
2003	0	0	0	0	0	1	1	0	<b>2</b>
2004	0	0	0	0	0	1	0	0	<b>1</b>
2005	0	0	0	0	0	2	0	0	<b>2</b>



	HATCHERY ORIGIN				WILD ORIGIN				Total
	1SW	2SW	3SW	REPEAT	1SW	2SW	3SW	REPEAT	
<b>Total for Pawcatuck</b>	2	148	1	0	1	14	1	0	<b>167</b>
<b>Penobscot</b>									
1967-1995	8,078	36,120	266	591	513	2,679	23	74	<b>48,344</b>
1996	484	1,218	6	18	11	303	3	1	<b>2,044</b>
1997	243	934	4	14	4	153	2	1	<b>1,355</b>
1998	238	793	0	10	31	133	1	4	<b>1,210</b>
1999	223	568	0	11	49	108	0	9	<b>968</b>
2000	167	265	0	15	16	69	0	2	<b>534</b>
2001	195	466	0	3	21	98	2	0	<b>785</b>
2002	363	344	0	15	14	41	1	2	<b>780</b>
2003	196	847	1	4	6	56	0	2	<b>1,112</b>
2004	276	952	10	16	5	59	3	2	<b>1,323</b>
2005	269	678	0	8	6	22	0	2	<b>985</b>
<b>Total for Penobscot</b>	10,732	43,185	287	705	676	3721	35	99	<b>59,440</b>
<b>Pleasant</b>									
1967-1995	5	12	0	0	11	214	2	2	<b>246</b>
1996									
1997	0	0	0	0	0	1	0	0	<b>1</b>
1998									
1999									
2000	0	0	0	0	1	2	0	0	<b>3</b>
2001	0	0	0	0	1	9	1	0	<b>11</b>
2002	0	0	0	0	0	0	0	0	<b>0</b>
2003	0	0	0	0	1	1	0	0	<b>2</b>
2004	0	0	0	0	0	1	0	0	<b>1</b>
2005									
<b>Total for Pleasant</b>	5	12	0	0	14	228	3	2	<b>264</b>
<b>Saco</b>									
1977-1995	23	358	2	2	0	2	0	0	<b>387</b>
1996	11	39	1	3	0	0	0	0	<b>54</b>
1997	5	23	0	0	0	0	0	0	<b>28</b>
1998	9	7	0	0	4	7	1	0	<b>28</b>
1999	10	11	0	0	12	31	2	0	<b>66</b>
2000	31	14	0	0	0	4	0	0	<b>49</b>
2001	15	49	0	0	0	5	0	0	<b>69</b>
2002	3	37	0	2	3	2	0	0	<b>47</b>
2003	2	23	0	0	2	12	0	0	<b>39</b>
2004	3	10	0	0	2	4	0	0	<b>19</b>
2005	5	12	0	0	1	7	0	0	<b>25</b>

	HATCHERY ORIGIN				WILD ORIGIN				Total
	1SW	2SW	3SW	REPEAT	1SW	2SW	3SW	REPEAT	
<b>Total for Saco</b>	117	583	3	7	24	74	3	0	<b>811</b>
<b>Sheepscot</b>									
1967-1995	6	38	0	0	30	350	10	0	<b>434</b>
1996	0	0	0	0	0	8	0	0	<b>8</b>
1997	0	0	0	0	0	0	0	0	<b>0</b>
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
<b>Total for Sheepscot</b>	6	38	0	0	30	358	10	0	<b>442</b>
<b>St Croix</b>									
1981-1995	612	1,002	38	12	411	629	39	17	<b>2,760</b>
1996	13	77	0	0	10	32	0	0	<b>132</b>
1997	26	2	0	0	0	0	0	0	<b>28</b>
1998	20	3	0	0	12	6	0	0	<b>41</b>
1999	1	2	0	0	7	3	0	0	<b>13</b>
2000	10	10	0	0	0	0	0	0	<b>20</b>
2001	13	7	0	0	0	0	0	0	<b>20</b>
2002	14	6	0	0	0	0	0	0	<b>20</b>
2003	6	9	0	0	0	0	0	0	<b>15</b>
2005	3	4	0	0	0	0	0	0	<b>7</b>
<b>Total for St Croix</b>	718	1,122	38	12	440	670	39	17	<b>3,056</b>
<b>Union</b>									
1973-1995	290	1,734	9	24	1	11	0	0	<b>2,069</b>
1996	6	62	0	0	0	1	0	0	<b>69</b>
1997	0	8	0	0	0	0	0	0	<b>8</b>
1998	2	7	0	4	0	0	0	0	<b>13</b>
1999	3	3	0	0	0	3	0	0	<b>9</b>
2000	1	1	0	0	0	0	0	0	<b>2</b>
2001	0	0	0	0	0	0	0	0	<b>0</b>
2002	0	5	0	0	0	0	0	0	<b>5</b>
2003	1	0	0	0	0	0	0	0	<b>1</b>
2004	0	1	0	0	0	1	0	0	<b>2</b>
<b>Total for Union</b>	303	1,821	9	28	1	16	0	0	<b>2,178</b>

**Table 17. Summary of documented Atlantic salmon returns to New England rivers.**

Totals reflect the entirety of the available historical time series for each river. Earliest year of data for Penobscot, Narraguagus, Machias, East Machias, Dennys, and Sheepscot rivers is 1967.

	Grand Total by River								Total
	HATCHERY ORIGIN				WILD ORIGIN				
	1SW	2SW	3SW	REPEAT	1SW	2SW	3SW	REPEAT	
<b>Androscoggin</b>	32	531	6	2	6	84	0	1	<b>662</b>
<b>Coheco</b>	0	0	1	1	6	10	0	0	<b>18</b>
<b>Connecticut</b>	36	3,507	28	2	75	1,630	12	4	<b>5,294</b>
<b>Dennys</b>	34	313	0	1	23	744	3	10	<b>1,128</b>
<b>Ducktrap</b>	0	0	0	0	3	30	0	0	<b>33</b>
<b>East Machias</b>	21	250	1	2	12	329	1	10	<b>626</b>
<b>Kennebec</b>	12	189	5	1	0	9	0	0	<b>216</b>
<b>Lamprey</b>	10	17	1	0	11	16	0	0	<b>55</b>
<b>Machias</b>	32	329	9	2	33	1,592	41	131	<b>2,169</b>
<b>Merrimack</b>	315	1,236	21	8	123	1,004	23	3	<b>2,733</b>
<b>Narraguagus</b>	92	650	19	54	90	2,410	70	155	<b>3,540</b>
<b>Pawcatuck</b>	2	148	1	0	1	14	1	0	<b>167</b>
<b>Penobscot</b>	10,732	43,185	287	705	676	3,721	35	99	<b>59,440</b>
<b>Pleasant</b>	5	12	0	0	14	228	3	2	<b>264</b>
<b>Saco</b>	117	583	3	7	24	74	3	0	<b>811</b>
<b>Sheepscot</b>	6	38	0	0	30	358	10	0	<b>442</b>
<b>St Croix</b>	718	1,122	38	12	440	670	39	17	<b>3,056</b>
<b>Union</b>	303	1,821	9	28	1	16	0	0	<b>2,178</b>

**Table 18.1: Return rates for Atlantic salmon that were stocked as fry in the Connecticut (above Holyoke) River .**

Year	Total Fry (1000s)	Total Returns (per 10,000)	Age class (smolt age.sea age) distribution (%)										Age (years) dist'n (%)					
			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	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	32	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	27	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	50	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	50	7	1.400	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0
1979	24	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	89	18	2.022	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0
1981	151	19	1.261	0	0	0	11	89	0	0	0	0	0	0	0	0	11	89
1982	128	31	2.429	0	0	0	0	90	10	0	0	0	0	0	0	0	90	10
1983	70	1	0.143	0	100	0	0	0	0	0	0	0	0	0	0	0	100	0
1984	455	1	0.022	0	0	0	0	0	100	0	0	0	0	0	0	0	0	100
1985	286	35	1.224	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100
1986	97	27	2.791	0	0	0	4	96	0	0	0	0	0	0	0	0	4	96
1987	981	44	0.449	0	16	0	0	68	2	0	14	0	0	0	0	0	16	68
1988	928	92	0.992	0	0	0	0	97	1	0	2	0	0	0	0	0	0	97
1989	747	47	0.629	0	6	0	6	85	0	0	2	0	0	0	0	0	13	85
1990	765	53	0.693	0	13	0	0	87	0	0	0	0	0	0	0	0	13	87
1991	982	25	0.255	0	20	0	0	64	0	0	16	0	0	0	0	0	20	64
1992	929	84	0.904	0	1	0	0	85	1	0	13	0	0	0	0	0	1	85
1993	2,607	94	0.361	0	0	0	2	87	0	0	11	0	0	0	0	0	2	87
1994	3,925	197	0.502	0	0	0	1	93	0	0	6	0	0	0	0	0	1	93

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 18.1: Return rates for Atlantic salmon that were stocked as fry in the Connecticut (above Holyoke) River .**

<b>1995</b>	4,507	83	0.184	0	2	0	6	89	0	0	2	0	0	0	8	89	2	0
<b>1996</b>	4,780	55	0.115	0	4	0	5	89	2	0	0	0	0	0	9	89	2	0
<b>1997</b>	5,885	24	0.041	0	0	0	4	88	4	0	4	0	0	0	4	88	8	0
<b>1998</b>	6,614	33	0.050	0	0	0	6	88	0	0	3	0	3	0	6	88	3	3
<b>1999</b>	4,565	33	0.072	0	0	3	6	79	0	0	12	0	0	0	6	82	12	0
<b>2000</b>	6,928	43	0.062	0	0	0	0	86	0	0	14			0	0	86	14	
<b>2001</b>	6,989	107	0.153	0	2	0	1	95		2				0	3	97		
<b>2002</b>	4,903	19	0.039	0	47		53							0	100			
<b>2003</b>	4,823	0	0.000	0										0				
<b>Total</b>	<b>63,333</b>	<b>1,172</b>																
<b>Mean</b>			<b>0.560</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>4</b>	<b>66</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>66</b>	<b>8</b>	<b>0</b>

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

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NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 18.2: Return rates for Atlantic salmon that were stocked as fry in the Connecticut (basin) River .**

Year	Total Fry (1000s)	Total Returns (per 10,000)	Age class (smolt age.sea age) distribution (%)										Age (years) dist'n (%)					
			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	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	32	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	27	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	50	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	50	7	1.400	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0
1979	54	3	0.561	0	100	0	0	0	0	0	0	0	0	0	0	100	0	100
1980	286	18	0.630	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0
1981	168	19	1.129	0	0	0	11	89	0	0	0	0	0	0	0	11	89	0
1982	294	46	1.565	0	0	0	0	89	11	0	0	0	0	0	0	89	11	0
1983	226	2	0.088	0	100	0	0	0	0	0	0	0	0	0	0	100	0	100
1984	584	3	0.051	0	0	0	0	33	33	0	33	0	0	0	0	0	33	67
1985	422	47	1.113	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0
1986	176	28	1.592	0	0	0	4	96	0	0	0	0	0	0	0	4	96	0
1987	1,169	51	0.436	0	18	0	0	67	2	0	14	0	0	0	0	18	67	16
1988	1,310	108	0.825	0	0	0	0	97	1	0	2	0	0	0	0	0	97	3
1989	1,243	67	0.539	0	22	0	7	69	0	0	1	0	0	0	0	30	69	1
1990	1,346	68	0.505	0	19	0	0	79	0	0	1	0	0	0	0	19	79	1
1991	2,208	35	0.159	0	17	0	0	63	0	0	20	0	0	0	0	17	63	20
1992	2,009	118	0.587	0	5	0	0	82	1	0	12	0	0	0	0	5	82	13
1993	4,147	185	0.446	0	4	0	3	87	0	0	6	0	0	0	0	6	87	6
1994	5,938	294	0.495	0	5	0	2	88	0	0	5	0	0	0	0	7	88	5

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 18.2: Return rates for Atlantic salmon that were stocked as fry in the Connecticut (basin) River .**

<b>1995</b>	6,780	143	0.211	1	13	0	7	78	0	0	2	0	0	1	20	78	2	20
<b>1996</b>	6,645	101	0.152	0	16	0	11	71	1	0	1	0	0	0	27	71	2	27
<b>1997</b>	8,498	37	0.044	0	3	0	3	89	3	0	3	0	0	0	5	89	5	5
<b>1998</b>	9,085	44	0.048	0	0	0	9	84	0	0	5	0	2	0	9	84	5	9
<b>1999</b>	6,395	45	0.070	0	0	0	4	80	0	0	13	0	0	0	4	82	13	4
<b>2000</b>	9,292	66	0.071	0	6	0	0	80	0	0	14			0	6	80	14	
<b>2001</b>	9,557	143	0.150	0	3	0	3	93		1				0	6	94		
<b>2002</b>	7,249	38	0.052	3	45		53							3	97			
<b>2003</b>	7,004	1	0.001	100										100				
<b>Total</b>	<b>92,260</b>	<b>1,717</b>																
<b>Mean</b>			<b>0.431</b>	<b>3</b>	<b>13</b>	<b>0</b>	<b>4</b>	<b>65</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>17</b>	<b>65</b>	<b>7</b>	<b>15</b>

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 18.3: Return rates for Atlantic salmon that were stocked as fry in the Farmington River .**

Year	Total Fry (1000s)	Total Returns (per 10,000)	Age class (smolt age.sea age) distribution (%)										Age (years) dist'n (%)						
			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	3	1.034	0	100	0	0	0	0	0	0	0	0	0	0	100	0	0	0
1980	197	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	18	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	166	15	0.902	0	0	0	0	87	13	0	0	0	0	0	0	0	87	13	0
1983	157	1	0.064	0	100	0	0	0	0	0	0	0	0	0	0	100	0	0	0
1984	128	2	0.156	0	0	0	0	50	0	0	50	0	0	0	0	0	50	50	0
1985	136	12	0.881	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1986	79	1	0.126	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1987	68	5	0.740	0	0	0	0	80	0	0	20	0	0	0	0	0	80	20	0
1988	333	13	0.391	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1989	279	19	0.680	0	63	0	11	26	0	0	0	0	0	0	0	74	26	0	0
1990	270	11	0.407	0	45	0	0	45	0	0	9	0	0	0	0	45	45	9	0
1991	371	2	0.054	0	50	0	0	0	0	0	50	0	0	0	0	50	0	50	0
1992	553	15	0.271	0	20	0	0	67	0	0	13	0	0	0	0	20	67	13	0
1993	772	52	0.673	0	13	0	6	77	0	0	4	0	0	0	0	19	77	4	0
1994	1,097	49	0.447	0	31	0	4	63	0	0	2	0	0	0	0	35	63	2	0
1995	1,146	42	0.367	2	38	0	5	52	0	0	2	0	0	0	2	43	52	2	0
1996	912	19	0.208	0	58	0	11	26	0	0	5	0	0	0	0	68	26	5	0
1997	1,480	4	0.027	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1998	1,191	2	0.017	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1999	986	2	0.020	0	0	0	0	50	0	0	50	0	0	0	0	0	50	50	0

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.



**Table 18.3: Return rates for Atlantic salmon that were stocked as fry in the Farmington River .**

<b>2000</b>	1,247	9	0.072	0	0	0	0	89	0	0	11	0	0	89	11			
<b>2001</b>	1,252	12	0.096	0	8	0	17	75		0		0	25	75				
<b>2002</b>	1,192	5	0.042	20	20		60					20	80					
<b>2003</b>	1,123	0	0.000	0								0						
<b>Total</b>	<b>15,182</b>	<b>295</b>																
<b>Mean</b>			<b>0.307</b>	<b>1</b>	<b>23</b>	<b>0</b>	<b>5</b>	<b>56</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>27</b>	<b>56</b>	<b>10</b>	<b>0</b>

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

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NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 18.4: Return rates for Atlantic salmon that were stocked as fry in the Merrimack River .**

Year	Total Fry (1000s)	Total Returns	Returns (per 10,000)	Age class (smolt age.sea age) distribution (%)										Age (years) dist'n (%)					
				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	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	63	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	72	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	106	18	1.698	0	0	0	0	11	33	22	28	6	0	0	0	33	61	6	0
1979	77	43	5.584	0	0	0	0	84	5	2	9	0	0	0	0	86	14	0	0
1980	126	43	3.413	0	0	0	0	19	5	21	51	5	0	0	0	40	56	5	0
1981	57	81	14.211	0	0	0	10	78	0	5	7	0	0	0	0	10	83	7	0
1982	50	48	9.600	0	0	2	2	77	8	0	10	0	0	0	0	2	79	19	0
1983	8	23	27.479	0	4	4	17	65	4	0	4	0	0	0	0	22	70	9	0
1984	526	47	0.894	0	13	0	4	77	2	0	4	0	0	0	0	17	77	6	0
1985	148	59	3.986	0	2	0	7	69	2	0	20	0	0	0	0	8	69	22	0
1986	525	110	2.095	0	11	0	0	78	1	0	8	0	2	0	0	11	78	9	2
1987	1,078	278	2.579	0	2	0	8	86	0	0	4	0	0	0	0	10	86	4	0
1988	1,718	95	0.553	1	5	0	0	91	0	0	3	0	0	0	1	5	91	3	0
1989	1,034	43	0.416	0	7	0	30	63	0	0	0	0	0	0	0	37	63	0	0
1990	975	21	0.215	5	0	0	10	81	0	0	5	0	0	0	5	10	81	5	0
1991	1,458	17	0.117	0	6	0	6	76	12	0	0	0	0	0	0	12	76	12	0
1992	1,118	14	0.125	0	0	0	0	93	7	0	0	0	0	0	0	0	93	7	0
1993	1,157	11	0.095	0	0	0	27	45	0	9	18	0	0	0	0	27	55	18	0
1994	2,816	54	0.192	0	0	0	15	83	0	0	2	0	0	0	0	15	83	2	0
1995	2,827	87	0.308	0	0	0	22	72	0	6	0	0	0	0	0	22	78	0	0

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 18.4: Return rates for Atlantic salmon that were stocked as fry in the Merrimack River .**

<b>1996</b>	1,795	27	0.150	0	0	0	15	85	0	0	0	0	0	0	15	85	0	0
<b>1997</b>	2,000	4	0.020	0	0	0	25	75	0	0	0	0	0	0	25	75	0	0
<b>1998</b>	2,589	8	0.031	0	0	0	25	75	0	0	0	0	0	0	25	75	0	0
<b>1999</b>	1,756	8	0.046	0	0	0	13	50	0	0	38	0	0	0	13	50	38	0
<b>2000</b>	2,217	12	0.054	0	0	0	0	100	0	0	0			0	0	100	0	
<b>2001</b>	1,708	3	0.018	0	0	0	67	33		0				0	67	33		
<b>2002</b>	1,414	0	0.000	0	0		0							0	0			
<b>2003</b>	1,335	0	0.000	0										0				
<b>Total</b>	<b>30,789</b>	<b>1,154</b>																
<b>Mean</b>			<b>2.548</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>11</b>	<b>62</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>64</b>	<b>11</b>	<b>0</b>

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

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NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 18.5: Return rates for Atlantic salmon that were stocked as fry in the Pawcatuck River .**

Year	Total Fry (1000s)	Total Returns (per 10,000)	Age class (smolt age.sea age) distribution (%)											Age (years) dist'n (%)					
			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		
1993	383	3	0.078	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1994	557	2	0.036	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1995	367	5	0.136	0	0	0	20	80	0	0	0	0	0	0	0	20	80	0	0
1996	289	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	100	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	910	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	591	2	0.034	0	0	50	0	50	0	0	0	0	0	0	0	0	100	0	0
2000	326	2	0.061	0	50	0	0	50	0	0	0				0	50	50	0	
2001	423	2	0.047	0	0	0	0	100		0					0	0	100		
2002	403	0	0.000	0	0		0								0	0			
2003	313	0	0.000	0											0				
<b>Total</b>	<b>4,662</b>	<b>16</b>																	
<b>Mean</b>		<b>0.036</b>		<b>0</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>53</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>59</b>	<b>0</b>	<b>0</b>

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 18.6: Return rates for Atlantic salmon that were stocked as fry in the Salmon River .**

Year	Total Fry (1000s)	Total Returns (per 10,000)	Age class (smolt age.sea age) distribution (%)											Age (years) dist'n (%)							
			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				
1987	121	2	0.165	0	100	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	
1988	43	3	0.693	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	
1989	111	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1990	38	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1991	49	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1992	124	4	0.322	0	50	0	0	50	0	0	0	0	0	0	0	0	50	50	0	0	
1993	105	2	0.190	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	
1994	241	4	0.166	0	25	0	0	75	0	0	0	0	0	0	0	0	25	75	0	0	
1995	242	1	0.041	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	
1996	247	15	0.607	0	20	0	33	47	0	0	0	0	0	0	0	0	53	47	0	0	
1997	223	3	0.134	0	33	0	0	67	0	0	0	0	0	0	0	0	33	67	0	0	
1998	257	1	0.039	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	
1999	132	6	0.454	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	
2000	278	3	0.108	0	100	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	
2001	250	4	0.160	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	
2002	263	7	0.266	0	29	0	71	0	0	0	0	0	0	0	0	0	29	71	0	0	
2003	247	1	0.040	100	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	
<b>Total</b>	<b>2,971</b>	<b>56</b>																			
<b>Mean</b>		<b>0.199</b>		<b>6</b>	<b>22</b>	<b>0</b>	<b>7</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>29</b>	<b>56</b>	<b>0</b>	<b>0</b>

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 18.7: Return rates for Atlantic salmon that were stocked as fry in the Westfield River .**

Year	Total Fry (1000s)	Total Returns (per 10,000)	Age class (smolt age.sea age) distribution (%)											Age (years) dist'n (%)					
			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	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	106	1	0.095	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1990	274	4	0.146	0	25	0	0	75	0	0	0	0	0	0	0	25	75	0	0
1991	806	8	0.099	0	0	0	0	75	0	0	25	0	0	0	0	0	75	25	0
1992	402	15	0.373	0	0	0	0	93	0	0	7	0	0	0	0	0	93	7	0
1993	662	37	0.559	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1994	674	44	0.652	0	0	0	2	91	0	0	7	0	0	0	0	2	91	7	0
1995	885	17	0.192	0	0	0	18	82	0	0	0	0	0	0	0	18	82	0	0
1996	706	12	0.170	0	0	0	8	92	0	0	0	0	0	0	0	8	92	0	0
1997	909	6	0.066	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
1998	1,022	8	0.078	0	0	0	25	63	0	0	13	0	0	0	0	25	63	13	0
1999	712	4	0.056	0	0	0	0	75	0	0	25	0	0	0	0	0	75	25	0
2000	839	11	0.131	0	9	0	0	73	0	0	18				0	9	73	18	
2001	1,066	20	0.188	0	5	0	5	90		0					0	10	90		
2002	892	7	0.079	0	71		29								0	100			
2003	811	0	0.000	0											0				
<b>Total</b>	<b>10,772</b>	<b>194</b>																	
<b>Mean</b>			<b>0.180</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>6</b>	<b>79</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>79</b>	<b>7</b>	<b>0</b>

Mean return rate computation includes incomplete return rates for 2000 - 2003 year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 19. Summary return rates in southern New England for Atlantic salmon that were stocked as fry.**

Year Stocked	Number of adult returns per 10,000 fry stocked						
	Merrimack	Pawcatuck	CT Basin	Connecticut (above Holyoke)	Salmon	Farmington	Westfield
1974			0.000	0.000			
1975	0.000		0.000	0.000			
1976	0.000		0.000	0.000			
1977	0.000		0.000	0.000			
1978	1.698		1.400	1.400			
1979	5.584		0.561	0.000		1.034	
1980	3.413		0.630	2.022		0.000	
1981	14.211		1.129	1.261		0.000	
1982	9.600		1.565	2.429		0.902	
1983	27.479		0.088	0.143		0.064	
1984	0.894		0.051	0.022		0.156	
1985	3.986		1.113	1.224		0.881	
1986	2.095		1.592	2.791		0.126	
1987	2.579		0.436	0.449	0.165	0.740	
1988	0.553		0.825	0.992	0.693	0.391	0.000
1989	0.416		0.539	0.629	0.000	0.680	0.095
1990	0.215		0.505	0.693	0.000	0.407	0.146
1991	0.117		0.159	0.255	0.000	0.054	0.099
1992	0.125		0.587	0.904	0.322	0.271	0.373
1993	0.095	0.078	0.446	0.361	0.190	0.673	0.559
1994	0.192	0.036	0.495	0.502	0.166	0.447	0.652
1995	0.308	0.136	0.211	0.184	0.041	0.367	0.192
1996	0.150	0.000	0.152	0.115	0.607	0.208	0.170
1997	0.020	0.000	0.044	0.041	0.134	0.027	0.066

Year Stocked	Number of adult returns per 10,000 fry stocked						
	Merrimack	Pawcatuck	CT Basin	Connecticut (above Holyoke)	Salmon	Farmington	Westfield
1998	0.031	0.000	0.048	0.050	0.039	0.017	0.078
1999	0.046	0.034	0.070	0.072	0.454	0.020	0.056
2000	0.054	0.061	0.071	0.062	0.108	0.072	0.131
2001	0.018	0.047	0.150	0.153	0.160	0.096	0.188
2002	0.000	0.000	0.052	0.039	0.266	0.042	0.079
2003	0.000	0.000	0.001	0.000	0.040	0.000	0.000
<b>Mean</b>	<b>2.548</b>	<b>0.036</b>	<b>0.431</b>	<b>0.560</b>	<b>0.199</b>	<b>0.307</b>	<b>0.180</b>
<b>StdDev</b>	<b>5.779</b>	<b>0.044</b>	<b>0.490</b>	<b>0.763</b>	<b>0.210</b>	<b>0.329</b>	<b>0.189</b>

Note: Maine rivers not included in this table until adult returns from natural reproduction and fry stocking can be distinguished.

Note: Summary mean and standard deviation computations includes incomplete return rates from 1998 (5 year olds), 1999 (4 year olds), 2000 (3 year olds), and 2001(2 year olds).



**Table 20. Summary of age distributions of adult Atlantic salmon that were stocked in southern New England as fry.**

	Mean age class (smolt age.sea age) distribution (%)										Mean 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
<b>Connecticut (above Holyoke)</b>	0.0	3.3	0.1	2.9	87.6	0.8	0.0	0.1	0.0	0.1	0.0	6.2	87.9	5.8	0.1
<b>Connecticut (basin)</b>	0.2	8.0	0.1	4.1	82.1	0.6	0.0	0.0	0.0	0.1	0.2	12.1	82.3	5.4	0.1
<b>Farmington</b>	0.7	25.8	0.0	5.4	63.1	0.7	0.0	0.0	0.0	0.0	0.7	31.2	63.1	5.1	0.0
<b>Salmon</b>	1.8	25.0	0.0	17.9	55.4	0.0	0.0	0.0	0.0	0.0	1.8	42.9	55.4	0.0	0.0
<b>Westfield</b>	0.0	4.1	0.0	5.2	85.6	0.0	0.0	0.1	0.0	0.0	0.0	9.3	85.6	5.2	0.0
<b>Merrimack</b>	0.2	3.0	0.2	8.5	76.3	1.8	0.0	0.1	0.3	0.2	0.2	11.5	78.5	9.4	0.4
<b>Overall Mean:</b>	<b>0.5</b>	<b>11.5</b>	<b>0.1</b>	<b>7.3</b>	<b>75.0</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.5</b>	<b>18.9</b>	<b>75.4</b>	<b>5.1</b>	<b>0.1</b>

Program summary age distributions vary in time series length; refer to specific tables for numbers of years utilized.

Note: Maine rivers not reported until adult returns from natural reproduction and fry stocking can be distinguished.