

# ICES COMPILATION OF MICROTAGS, FINCLIP AND EXTERNAL TAG RELEASES 2020 BY THE WORKING GROUP ON NORTH ATLANTIC SALMON (WGNAS 2021 ADDENDUM)

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# ICES Scientific Reports

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# 1 Terms of Reference

The Terms of Reference for the 2021 Working Group on North Atlantic Salmon (ICES CM 2020/2/FRSG18) stated that the group would:

“provide an overview of salmon catches and landings by country, including unreported catches and catch and release, and production of farmed and ranched Atlantic salmon in 2020<sup>1</sup>.”

Data were provided by Working Group members for national tagging programmes, as far as possible including all agencies and organisations. The compilations for 2020 are presented by country together with a summary of the tags and marks by all countries in Table 1. A list of national tag clearing houses is given in Annex 1.

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<sup>1</sup> With regard to question 1.1, for the estimates of unreported catch the information provided should, where possible, indicate the location of the unreported catch in the following categories: in-river; estuarine; and coastal. Numbers of salmon caught and released in recreational fisheries should be provided.

## 2 Summary table

**Table 2.7.1. Summary of Atlantic salmon tagged and marked in 2020 “Hatchery” and “Wild” juvenile refer to smolts and parr.**

Country	Origin	Primary Tag or Mark				Total
		Microtag	External mark <sup>2</sup>	Adipose clip	Other Internal <sup>1</sup>	
Canada	Hatchery Adult	0	1,414	10	513	1,937
	Hatchery Juvenile	0	964	0	0	964
	Wild Adult	0	934	11	758	1,703
	Wild Juvenile	0	11,666	7,630	824	20,120
	<b>Total</b>	<b>0</b>	<b>14,978</b>	<b>7,651</b>	<b>2,095</b>	<b>24,724</b>
Denmark	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	306,000	0	306,000
	Wild Adult	0	0	0	870	870
	Wild Juvenile	0	0	0	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>306,000</b>	<b>870</b>	<b>306,870</b>
France	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	3,960	0	3,960
	Wild Adult	0	0	0	575	575
	Wild Juvenile	0	0	0	2,912	2,912
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>3,960</b>	<b>3,487</b>	<b>7,447</b>
Iceland	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	60,126	0	0	0	60,126
	Wild Adult	0	165	0	0	165
	Wild Juvenile	2,687	0	0	382	3,069
	<b>Total</b>	<b>62,813</b>	<b>165</b>	<b>0</b>	<b>382</b>	<b>63,360</b>
Ireland	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	126,713	0	0	0	126,713
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	2,441	2,441
	<b>Total</b>	<b>126,713</b>	<b>0</b>	<b>0</b>	<b>2,441</b>	<b>129,154</b>
Norway	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	3,609	0	52,965	56,574
	Wild Adult	0	436	0	23,229	23,665
	Wild Juvenile	0	501	0	80	581
	<b>Total</b>	<b>0</b>	<b>4,546</b>	<b>0</b>	<b>76,274</b>	<b>80,820</b>
Russia	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	836,774	0	836,774
	Wild Adult	0	238	0	0	238
	Wild Juvenile	0	0	0	0	0
	<b>Total</b>	<b>0</b>	<b>238</b>	<b>836,774</b>	<b>0</b>	<b>837,012</b>
Spain	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	91,518	0	91,518
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>91,518</b>	<b>0</b>	<b>91,518</b>

<sup>1</sup> Includes other internal tags (PIT, ultrasonic, radio, DST, etc.)

<sup>2</sup> Includes Carlin, spaghetti, streamers, VIE etc.

Table 2.7.1. Continued.

Country	Origin	Primary Tag or Mark				Total
		Microtag	External mark <sup>2</sup>	Adipose clip	Other Internal <sup>1</sup>	
Sweden	Hatchery Adult	0	0	158,418	0	158,418
	Hatchery Juvenile	0	0	0	0	0
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	<b>0</b>	<b>0</b>	<b>158,418</b>	<b>0</b>	<b>158,418</b>
UK (England & Wales)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	9,600	0	9,600
	Wild Adult	0	564	0	0	564
	Wild Juvenile	607	0	8,263	100	8,970
	Total	<b>607</b>	<b>564</b>	<b>17,863</b>	<b>100</b>	<b>19,134</b>
UK (N. Ireland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	5,549	0	63,440	0	68,989
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	<b>5,549</b>	<b>0</b>	<b>63,440</b>	<b>0</b>	<b>68,989</b>
UK (Scotland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	21,500	0	21,500
	Wild Adult	0	585	0	1	586
	Wild Juvenile	0	385	0	1,995	2,380
	Total	<b>0</b>	<b>970</b>	<b>21,500</b>	<b>1,996</b>	<b>24,466</b>
Germany	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	77,000	1,286	78,286
	Wild Adult	0	15	0	0	15
	Wild Juvenile	0	0	10	0	10
	Total	<b>0</b>	<b>15</b>	<b>77,010</b>	<b>1,286</b>	<b>78,311</b>
Greenland	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	0	0	0
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	129	66	195
	Total	<b>0</b>	<b>0</b>	<b>129</b>	<b>66</b>	<b>195</b>
USA	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	68,030	0	68,030
	Wild Adult	0	88	170	2,393	2,651
	Wild Juvenile	0	0	0	0	0
	Total	<b>0</b>	<b>88</b>	<b>68,200</b>	<b>2,393</b>	<b>70,681</b>
All Countries	Hatchery Adult	0	1,414	158,428	513	160,355
	Hatchery Juvenile	192,388	4,573	1,477,822	54,251	1,729,034
	Wild Adult	0	3,025	181	27,826	31,032
	Wild Juvenile	3,294	12,552	16,032	8,800	40,678
	Total	<b>195,682</b>	<b>21,564</b>	<b>1,652,463</b>	<b>91,390</b>	<b>1,961,099</b>

<sup>1</sup> Includes other internal tags (PIT, ultrasonic, radio, DST, etc.)<sup>2</sup> Includes Carlin, spaghetti, streamers, VIE etc.

### 3 Number of tags and marks applied to Atlantic salmon by country for 2020



## 3.1 Canada

ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES											
Marking Season:		2020						Country:	Canada		
Primary Tag or Mark											
Origin	Microtag <sup>1</sup>	External tag <sup>2</sup>	Adipose clip <sup>3</sup>	Other internal <sup>4</sup>		Total					
Hatchery Adult		1,414	10	513		1,937					
Hatchery Juvenile		964				964					
Wild Adult		934	11	758		1,703					
Wild Juvenile		11,666	7,630	824		20,120					
Total fish marked	0	14,978	7,651	2,095		24,724					
Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
<b>Gulf Region</b>											
Atlantic Salmon Federation	2+, 3+	Smolt	W	Northwest Miramichi R.	Acoustic	80	1313648-1313667, 1313803-1313828, 1344463		May	Northwest Miramichi R.	
Atlantic Salmon Federation	2+, 3+	Smolt	W	Southwest Miramichi R.	Acoustic	80	1339672-1339730, 1339907-1339927		May	Southwest Miramichi R.	
DFO Gulf Region	1SW	Adult	W	Northwest Miramichi R.	Carlin- light blue	86	Y44430 - Y44547		September - October	Northwest Miramichi R.	Estuarial trapnet
DFO Gulf Region	MSW	Adult	W	Northwest Miramichi R.	Carlin- light blue	119	Y448171 - Y448289		September - October	Northwest Miramichi R.	Estuarial trapnet
DFO Gulf Region	1SW	Adult	W	Southwest Miramichi R.	Carlin- light blue	73	Y443265 - Y443337		September - October	Southwest Miramichi R.	Estuarial trapnet
DFO Gulf Region	MSW	Adult	W	Southwest Miramichi R.	Carlin- light blue	76	Y449057 - Y449132		September - October	Southwest Miramichi R.	Estuarial trapnet
Esgenoôpetit First Nation	1SW / MSW	Adult	W	Tabusintac R.	Carlin- light blue	52	471-522		September - October	Tabusintac R.	Estuarial trapnet
Friends of the Kouchibouguacis	1SW / MSW	Adult	W	Kouchibouguacis R.	T-bar anchor - yellow	102	702-712, 743, 2608-2650, 3114-3135, 3290-3399		September - October	Kouchibouguacis R.	Estuarial trapnet
Kopit Lodge	1SW / MSW	Adult	W	Richibucto R.	T-bar anchor - long yellow	16	1403, 1420, 4517, 4578 - 4580, 4608, 4613, 4618, 4676 - 4678, 4684, 4697		September - October	Richibucto R.	
Miramichi Salmon Association	2+, 3+	Smolt	W	Northwest Miramichi R.	Streamer - clear	951	1142-1951, 3001-3400		May - June	Northwest Miramichi R.	
Miramichi Salmon Association	2+, 3+	Smolt	W	Little Southwest Miramichi R.	Streamer - clear	1,209	1952-2000, 2076-3000, 4001-4010		May - June	Little Southwest Miramichi R.	
Miramichi Salmon Association / IP Rocky Brook	2+, 3+	Smolt	W	Southwest Miramichi R.	Streamer - clear	108	283-300, 1190-1965, 2887-2900		May	Southwest Miramichi R.	
Miramichi Salmon Association / IP Rocky Brook	2+, 3+	Smolt	W	Southwest Miramichi R.	Streamer - clear	404	1535-1600, 1701-1800, 5753-5900		October - November	Southwest Miramichi R.	
Parks Canada Kouchibouguac NP	1SW / MSW	Adult	W	Kouchibouguac R.	T-bar anchor - short yellow, long yellow	143	2380-5135	Adipose clip	September - November	Kouchibouguac R.	Estuarial box nets
Province of NS, Margaree Fish Hatchery	1SW / MSW	Adult	W	Margaree R.	Carlin- light blue	50	58195, 58196, 58301-58366		November	Margaree R.	
Province of NS, Margaree Fish Hatchery	MSW	Adult	W	Middle R.	Carlin- light blue	8	58199, 58200, 58369-58374		November	Middle R.	
Province of NS, Margaree Fish Hatchery	1SW / MSW	Adult	W	Baddeck R.	Carlin- light blue	8	58197, 58198, 58375-58380		November	Baddeck R.	
Province of NS, Fraser's Mills Fish Hatchery	1SW / MSW	Adult	W	Waughts R.	T-bar anchor - light blue	9	54578-54588		November	Waughts R.	
Province of NS, Fraser's Mills Fish Hatchery	MSW	Adult	W	West R., Antigonish	T-bar anchor - light blue	8	54590-54597		November	West R., Antigonish	
University of New Brunswick, Canadian Rivers Institute	3+	Smolt	W	Little Southwest Miramichi R.	Acoustic predation	25	A69-9006-8420 to A96-9006-8444		May	Little Southwest Miramichi R.	Battery life ended summer 2020
University of New Brunswick, Canadian Rivers Institute	2+, 3+	Pre-smolt	W	Little Southwest Miramichi R.	Acoustic predation	71	A69-9007-252 to A69-9007-322		October	Little Southwest Miramichi R.	Battery life until Summer 2021
University of New Brunswick, Canadian Rivers Institute	2SW / 3SW	Adult	H	Miramichi watershed	T-bar anchor	80	533-550, 726-749, 5401-5444		October	Northwest Millstream	Experimental Stream Project
University of New Brunswick, Canadian Rivers Institute	0+, 1+, 2+	Parr	W	Northwest Millstream	PIT	568	226000326311 - 226001571866; 226001659001 - 226001659248; 228000615100 - 228000615130; 379091200511018 - 379091200571491		June - August	Northwest Millstream	Experimental Stream Project

## Canada continued.

Maritimes Region												
DFO Maritimes - NB - Assessment	1SW	Adult	W	Big Salmon R.	Adipose punch	5			September	Big Salmon R.		Tissue sample
DFO Maritimes - NB - Assessment	1SW	Adult	W	Big Salmon R.	Adipose punch	1			September	Big Salmon R.		Tissue sample; recaptured PIT tag 384.3515E4D01D
DFO Maritimes - NB - Assessment	1-3 yrs	Pre-smolt	W	Tobique R.	Dermal punch	342			October - November	Tobique R.		Dermal punch caudal (3 mm)
DFO Maritimes - NB - Mactaquac Biodiversity Facility	4+	Adult	H	Tobique R.	V-Notch Adipose	69			July	Saint John R. - Tobique		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	4+	Adult	H	Beechwood	Adipose clip	10			July	Saint John R. - Beaumaster Flats		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	3+	Adult	H	Tobique R.	V-Notch Adipose	275			October	Saint John R. - Tobique		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	2+	Adult	H	Tobique R.	V-Notch Adipose	190			October	Saint John R. - Tobique		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	3+	Adult	H	Tobique R.	V-Notch Adipose	134			November	Saint John R. - McKinley Ferry		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	3+	Adult	H	Big Salmon R.	PIT	303			October - November	Petitcodiac - Little R.		
DFO Maritimes - NS - Assessment	1SW	Adult	W	North R. Cape Breton	Dorsal disk tag - yellow with X	1			October	North R. Cape Breton		
DFO Maritimes - NS - Assessment	1SW	Adult	W	North R. Cape Breton	Dorsal disk tag - yellow	5			October	North R. Cape Breton		
DFO Maritimes - NS - Assessment	1SW	Adult	W	North R. Cape Breton	Caudal punch - upper	1			October	North R. Cape Breton		
DFO Maritimes - NS - Assessment	MSW	Adult	W	North R. Cape Breton	Dorsal disk tag - yellow with X	1			October	North R. Cape Breton		
DFO Maritimes - NS - Assessment	MSW	Adult	W	North R. Cape Breton	Dorsal disk tag - yellow	23			October	North R. Cape Breton		
DFO Maritimes - NS - Assessment	MSW	Adult	W	North R. Cape Breton	Caudal punch - upper	9			October	North R. Cape Breton		
DFO Maritimes - NS - Assessment	1SW	Adult	W	LaHave R.	Caudal punch - upper	15			October	LaHave R.		
DFO Maritimes - NS - Assessment	MSW	Adult	W	LaHave R.	Caudal punch - upper	5			October	LaHave R.		
DFO Maritimes - NS - Assessment	0-2 yrs	Fry and Parr	W	LaHave R.	Caudal clip	5			September - October	LaHave R.		
DFO Maritimes - NS - Coldbrook Biodiversity Facility	4-6 yrs	Adult	H	GAK	PIT	49	982000xxxxxxx and 982126xxxxxxx series		November	Gaspereau R., St. Croix R.		Individual tags on file
DFO Maritimes - NS - Coldbrook Biodiversity Facility	4-6 yrs	Adult	H	GAK	PIT	161	982000xxxxxxx and 982126xxxxxxx series		October	St. Croix R.		Individual tags on file
DFO Maritimes - NS - Coldbrook Biodiversity Facility	4-6 yrs	Adult	W	GAK	PIT	26	982000xxxxxxx and 982126xxxxxxx series		October	Gaspereau R.		Individual tags on file
DFO Maritimes - NS - Coldbrook Biodiversity Facility	4-8 yrs	Adult	W	GAK	PIT	136	982000xxxxxxx and 982126xxxxxxx series		October - November	Gaspereau R., St. Croix R.		Individual tags on file
DFO Maritimes - NS - Coldbrook Biodiversity Facility	4-6 yrs	Adult	W	GAK	PIT	26	982000xxxxxxx and 982126xxxxxxx series		October	St. Croix R.		Individual tags on file
DFO Maritimes - NS - Coldbrook Biodiversity Facility	5-7 yrs	Adult	W	LAH	PIT	34	982000xxxxxxx series		July - October	LaHave R.		Individual tags on file
DFO Maritimes - NS - Coldbrook Biodiversity Facility	7-8+ yrs	Adult	W	SMA	PIT	18	982000xxxxxxx series		December	St. Mary's R.		Individual tags on file
DFO Maritimes - NS - Coldbrook Biodiversity Facility	4-5 yrs	Adult	W	STW	PIT	12	982000xxxxxxx and 982126xxxxxxx series		October	Salmon R. Colchester		Individual tags on file
DFO Maritimes - NS - Coldbrook Biodiversity Facility	4-6 yrs	Adult	W	STW	PIT	444	982000xxxxxxx and 982126xxxxxxx series		October - November	Stewiacke R.		Individual tags on file
Parks Canada, Cape Breton Highlands	0+	Fry	W	Clyburn Brook	Caudal clip	16			September	Clyburn Brook		
Parks Canada, Cape Breton Highlands	1-2 yrs	Parr	W	Clyburn Brook	Caudal clip	39			September	Clyburn Brook		
Parks Canada, Cape Breton Highlands	1-2 yrs	Parr	W	Ingonish River	Caudal clip	52			September	Ingonish R.		
Parks Canada, Cape Breton Highlands	0+	Fry	W	Effie's Brook	Caudal clip	2			September	Effie's Brook		
Parks Canada, Cape Breton Highlands	0+	Fry	W	Dundas Brook	Caudal clip	4			September	Dundas Brook		
Parks Canada, Cape Breton Highlands	1-2 yrs	Parr	W	North Aspy R.	Caudal clip	32			September	North Aspy R.		
Parks Canada, Cape Breton Highlands	0+	Fry	W	North Aspy R.	Caudal clip	2			September	North Aspy R.		
Parks Canada, Fundy NP	MSW	Adult	H	Point Wolfe R.	T-bar anchor - long neon orange, long red	160	FNP	PIT HDX	September - October	Upper Salmon R.		23mm tissue sample
Parks Canada, Fundy NP	MSW	Adult	H	Point Wolfe R.	T-bar anchor - long neon orange, long red	177	FNP	PIT HDX	September - October	Point Wolfe R.		23mm tissue sample
Parks Canada, Fundy NP	MSW	Adult	H	Point Wolfe R.	T-bar anchor - short red, short pink	65	FNP	PIT HDX	September - October	Upper Salmon R.		23mm tissue sample
Parks Canada, Fundy NP	MSW	Adult	H	Point Wolfe R.	T-bar anchor - short red, short pink	45	FNP	PIT HDX	September - October	Point Wolfe R.		23mm tissue sample
Parks Canada, Fundy NP	1SW	Adult	H	Point Wolfe R.	T-bar anchor - long neon green	58	FNP	PIT HDX	September - October	Upper Salmon R.		23mm tissue sample
Parks Canada, Fundy NP	1SW	Adult	H	Point Wolfe R.	T-bar anchor - long neon green	39	FNP	PIT HDX	September - October	Point Wolfe R.		23mm tissue sample
Parks Canada, Fundy NP	MSW	Adult	H	Point Wolfe R.	T-bar anchor - long yellow	44	FNP	PIT HDX	September - October	Upper Salmon R.		23mm tissue sample
Parks Canada, Fundy NP	MSW	Adult	H	Point Wolfe R.	T-bar anchor - long yellow	45	FNP	PIT HDX	October	Point Wolfe R.		23mm tissue sample
Parks Canada, Fundy NP	MSW	Kelt	H	Point Wolfe R.	T-bar anchor - long blue	33	FNP	PIT HDX	December	Upper Salmon R.		23mm tissue sample

Newfoundland and Labrador												
DFO NL Region	1SW	Adult	W	NL	T-bar anchor	23		AR2251 - AR2274			July	GrandFalls
DFO NL Region	1SW	Adult	W	NL	T-bar anchor	10		AR3051 - AR3060			September	GrandFalls
DFO NL Region	1SW	Adult	W	NL	T-bar anchor	23		AR3151 - AR3175			August	GrandFalls
DFO NL Region	1SW	Adult	W	NL	T-bar anchor	22		AS002725 - AS002749			August	GrandFalls
DFO NL Region	1SW	Adult	W	NL	T-bar anchor	10		AS005653 - AS005663			August	GrandFalls
DFO NL Region	1SW	Adult	W	NL	T-bar anchor	24		S1603 - S1636			July	GrandFalls
DFO NL Region	1SW	Adult	W	NL	Radio	5		27 - 45		Radio/Nano 78 - 95	August	Hunt R.
DFO NL Region	1SW	Adult	W	NL	Radio	3		73 - 91			August - September	Hunt R.
DFO NL Region	1SW	Adult	W	NL	Radio	1		44		Radio/Nano 79; T-Bar 20505	August	Hunt R.
DFO NL Region	MSW	Adult	W	NL	Radio	1		84			September	Hunt R.
DFO NL Region	1SW	Adult	W	NL	Radio	8		11 - 18			July - August	Rattling Brook
DFO NL Region	1SW	Adult	W	NL	Radio	1		19		T-bar anchor AR2275	July	Rattling Brook
DFO NL Region	1SW	Adult	W	NL	Radio	11		20 - 35			July - August	Rattling Brook
DFO NL Region	1SW	Adult	W	NL	T-bar anchor	6		AR3061 - AR3067			September	Rattling Brook
Quebec												
Ministère des Forêts, de la faune et des Parcs	2+ to 5+	Smolt	W	Trinité	Adipose clip	2,831					May - June	Trinité
Ministère des Forêts, de la faune et des Parcs	2+ to 5+	Smolt	W	Saint-Jean (Gaspé)	Adipose clip	4,054					May - June	Saint-Jean (Gaspé)
Corporation du bassin de la Jacques-Cartier	1+ to 3+	Smolt	W	Jacques-Cartier	Visible Implant Elastomer	5,463					June	Jacques-Cartier
Corporation du bassin de la Jacques-Cartier	1+ to 3+	Smolt	H	Jacques-Cartier	Visible Implant Elastomer	964					June	Jacques-Cartier
WSP	2+ to 5+	Smolt	W	La romaine	Adipose clip	745					June - July	Puyjalon
WSP	2+ to 5+	Smolt	W	Puyjalon	Caudal clip (upper and lower lobe)	3,037					June - July	Puyjalon
WSP (APRSJ)	1SW / MSW	Adult	W	Rivière St-Jean (côte-Nord)	PIT	32		142072-142247, 201343-201350			July - August	Rivière St-Jean (côte-Nord)
WSP(Mingan)	1SW / MSW	Adult	W	Mingan	Adipose clip	11					June	Mingan

## 3.2 Denmark

### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2019-2020

Country: Denmark

Totals	Primary Tag or Mark					Total
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]	
	F1 Hatchery juvenile			306,000		306,000
	Wild juvenile					0
	Adult				870	870
<b>Total fish marked</b>		<b>0</b>	<b>0</b>	<b>306,000</b>	<b>870</b>	<b>306,870</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
Danmarks Center for Vildlak	0+	Half yearling	H	Skjern Å / River Skjern Å	Adipose	111,000			Autumn 2020	River Skjern Å
Danmarks Center for Vildlak	1+	one year old	H	Skjern Å / River Skjern Å	Adipose	68,000			Spring 2020	River Skjern Å
Danmarks Center for Vildlak	0+	Half yearling	H	Varde Å / River Varde Å	Adipose	52,000			Autumn 2020	River Varde Å
Danmarks Center for Vildlak	1+	one year old	H	Varde Å / River Varde Å	Adipose	15,000			Spring 2020	River Varde Å
Danmarks Center for Vildlak	0+	Half yearling	H	Ribe Å / River Ribe Å	Adipose	30,000			Autumn 2020	River Ribe Å
Danmarks Center for Vildlak	0+	Half yearling	H	Konge Å	Adipose	30,000			Autumn 2020	Konge Å
DTU Aqua	Adults	Spawning ru	Mix	Sneum Å	23 mm PIT	720			November 2020	Sneum Å
DTU Aqua	Adults	Spawning ru	Mix	Vidå	23 mm PIT	150			November 2020	Vidå

Notes: [a] Includes PIT and radio/acoustic tags.

### 3.3 France

ICES Compilation of microtag, fin clip and external tag releases										
								<b>France</b>		
Marking season: 2020–2021										
				Primary Tag or Mark						
<b>Totals</b>	Origin		Microtag	External Mark	Adipose Clip	Other internal [a]		Total		
	Hatchery juvenile				3,960			3,960		
	Wild juvenile					2,912		2,912		
	Adult					575		575		
	<b>Total fish marked</b>							<b>7,447</b>		
Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked		Code or Serial	Secondary Tag or Mark	Release date
OFB	0+	Parr	Wild	Bresle	PIT	98				
OFB	1+ & 2+	Smolt	Wild	Bresle	PIT	13				Bresle
OFB	na	Adult	Wild	Bresle	PIT	154				Bresle
INRAE	na	Adult	Wild	Oir	PIT	109				Oir
INRAE	0+	Parr	Wild	Oir	PIT	665				Oir
INRAE	1+ & 2+	Smolt	Wild	Oir	PIT	868				Oir
INRAE	na	Adult	Wild	Scorff	PIT	247				Scorff
INRAE	0+	Parr	Wild	Scorff	PIT	1,268				Scorff
INRAE	1+ & 2+	Smolt	Wild	Scorff	PIT	0				Scorff
INRAE	na	Adult	Wild	Nivelle	PIT	65				Nivelle
MIGRADOIR	0+	Parr	Hatchery	Gave de Pau	Adipose Clip	0			Summer	Gave de Pau
AAPPMA29	1+	Smolt	Hatchery	Elorn	Adipose Clip	3,960				Elorn

Notes: [a] Includes PIT and radio/acoustic tags.

## 3.4 Germany

### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2020–2021

Country:

Country:	Germany (Brandenburg [b], [c], [d] / Sachsen-Anhalt [e] / North Rhine-Westphalia [f]) / Rhineland-Palatinate [g]									
Totals	Primary Tag or Mark					Total				
	Origin	Microtag	External Mark	Adipose Clip [b], [e]	Other internal [a]					
	Hatchery juvenile			77,000	1,286					
	Wild juvenile			10						
	Adult		15	11						
Total fish marked		15	77,021	1,286	78,311					
1286										
Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
Institute of Inland Fisheries Potsdam (Brandenburg)	1/2-year	parr	H	Skjern Å / Gudenå (DCV)	Adipose Clip	50,000			04/11/2020	Stepenitz (Elbe)
Institute of Inland Fisheries Potsdam (Brandenburg)	1	smolt	H	Skjern Å / Gudenå (DCV)	Adipose Clip	7,000			31/03/2020	Stepenitz (Elbe)
Institute of Inland Fisheries Potsdam (Brandenburg)	1/2-year	parr	W	River Stepenitz	Ventrale Clip (left) [c]	10			10/10/2020	Stepenitz (Elbe) [c]
Institute of Inland Fisheries Potsdam (Brandenburg)	3	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	185-2020	floytag - pink	30/10/2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	4-5	adult	W	River Stepenitz	floytag - pink	1	046-2020		20.11.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	4	adult	W	River Stepenitz	floytag - pink	1	030-2020		20.11.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	4	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	236-2020	floytag - pink	27.11.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	4	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	237-2020	floytag - pink	27.11.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	4	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	239-2020	floytag - pink	27.11.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	3	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	241-2020	floytag - pink	27.11.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	5-6	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	243-2020	floytag - pink	27.11.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	3	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	201-2020	floytag - pink	11.12.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	3	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	213-2020	floytag - pink	11.12.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	4	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	233-2020	floytag - pink	18.12.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	3	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	126-2020	floytag - pink	18.12.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	5-6	adult	H	Skjern Å / Gudenå (DCV)	Adipose Clip	1	127-2020	floytag - pink	18.12.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Brandenburg)	5-6	adult	W	River Stepenitz	floytag - pink	1	128-2020		18.12.2020	Stepenitz (Elbe) [d]
Institute of Inland Fisheries Potsdam (Sachsen-Anhalt)	1/2-year	parr	H	Skjern Å / Gudenå (DCV)	Ventrale Clip (right)	20,000			28/10/2020	Nuthe (Elbe)
Institute of Inland Fisheries Potsdam (Sachsen-Anhalt)	4-5	adult	W	River Nuthe	floytag - pink	1	216-2020		16/12/2020	Nuthe (Elbe)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21100	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21101	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21102	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21103	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21104	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21105	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21106	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21107	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21108	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21109	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21110	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21111	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21112	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21113	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21114	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21115	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21116	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21117	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21119	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21120	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21121	no	19/03/2021	Sieg (Rhine)
Rijkswaterstaat NL / LANUV (North Rhine-Westphalia)	2 year	smolt	H	River Sieg (Genebank AI)	RFID (NEDAP)	1	21122	no	19/03/2021	Sieg (Rhine)

**Germany continued.**

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[illegible]

[a] Includes PIT and radio/acoustic tags, [b] includes 20.000 ventrale clip (right), [c]date of catch! (release after artificial reproduction; mortality unknown), [d] from artificial reproduction, [e] includes 10 ventrale clip (left), [f] genebank Albaum (LANUV NRW) holds offspring of returners of river Sieg (Germany), stemming from reintroduction program with strain Ätran/Gudenå (Denmark Center for Vildlaks - DCV),[g] S.C.E.A. Pisciculture Saumon du Rhine: egg/smolt production from returners of river Rhine (Germany/France), stemming from reintroduction program with strain Loire/Allier.

### 3.5 Greenland

#### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2020–2021

Country:

Greenland

Totals	Secondary Tag or Mark		Primary Tag or Mark			Total
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]	
	Hatchery juvenile					0
	Wild juvenile			129	66	195
	Adult					0
	<b>Total fish marked</b>	<b>0</b>	<b>0</b>	<b>129</b>	<b>66</b>	<b>195</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
Greenland Institute of Nature	2 to 6	Par	W	Kapisillit	PIT	66	1380341588 to 1380341687	Fin Clip	Sep-02-2020	Kapisillit river st1
Greenland Institute of Nature	2 to 6	Par	W	Kapisillit	Adipose clip	129			Aug-26-2020	Kapisillit river st1

Notes: [a] Includes PIT and radio/acoustic tags.

## 3.6 Iceland

### ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES

Marking Season: 2020

Country: Iceland

Origin	Primary Tag or Mark				
	Microtag	External mark	Adipose clip	Other internal	Total
Hatchery Adult					0
Hatchery Juvenile	60,126				60,126
Wild Adult		165			165
Wild Juvenile	2,687			382	3,069
<b>Total fish marked</b>	<b>62,813</b>	<b>165</b>	<b>0</b>	<b>382</b>	<b>63,360</b>

Marking Agency*	Age	Life Stage	H/W***	Stock Origin	Primary Tag or Mark**	Number Marked	Code or Serial	Secondary Tag or Mark**	Release Date	Release Location	Comment
MFRI	2+	Smolt	H	River Andakilsá	DCWT	5003	056863	ADC	June/July	River Andakilsá	
MFRI	2+	Smolt	H	River Andakilsá	DCWT	4550	056863	ADC	June/July	River Andakilsá	
MFRI	2+	Smolt	H	River Andakilsá	DCWT	451	048563	ADC	June/July	River Andakilsá	
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	2	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	2	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	64	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	10	3D9.257C#####	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	120	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	13	3D9.257C#####	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	15	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	14	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	3	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	14	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	11	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	5	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	2	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	1	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	3	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	6	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	21	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Vesturdalsá	PIT tag	2	3DD.003D7CA###	DCWT/ADC	June/July	River Vesturdalsá	DCWT: 048563
MFRI	?	Smolt	W	River Kálfa	DCWT	11	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	18	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	11	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	224	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	170	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	117	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	71	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	33	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	73	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	91	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	89	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	10	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	74	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	56	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	48	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	39	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	17	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	16	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	16	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	3	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	86	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	18	056763	ADC	June/July	River Kálfa	
MFRI	?	Smolt	W	River Kálfa	DCWT	29	056763	ADC	June/July	River Kálfa	

## Iceland continued.

## ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES

Marking Season: 2020

Country: Iceland (continued)

Marking Agency*	Age	Life Stage	H/W***	Stock Origin	Primary Tag or Mark**	Number Marked	Code or Serial	Secondary Tag or Mark**	Release Date	Release Location	Comment
MFRI	?	Smolt	W	River Kálfá	DCWT	21	056763	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	24	056763	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	9	056763	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	85	056763	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	1	056763	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	3	056763	ADC	June/July	River Kálfá	
STR	?	Smolt	W	River Elliðaár	DCWT	74	057363	ADC	15/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	76	057363	ADC	16/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	115	057363	ADC	17/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	65	057363	ADC	18/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	37	057363	ADC	19/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	33	057363	ADC	20/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	183	057363	ADC	21/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	165	057363	ADC	22/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	125	057363	ADC	23/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	110	049063	ADC	24/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	121	049063	ADC	25/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	45	049063	ADC	26/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	21	049063	ADC	27/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	25	049063	ADC	30/5 2020	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	29	049063	ADC	2/6 2020	River Elliðaár	
STR	1+	Smolt	H	River Lagarfljót	DCWT	11011	057463	ADC	juni 2020	River Uppsalaá/River Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót	DCWT	11485	057563	ADC	juni 2020	River Uppsalaá/River Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót	DCWT	3096	057663	ADC	juni 2020	River Uppsalaá/River Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót	DCWT	8404	057663	ADC	juni 2020	River Uppsalaá/River Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót	DCWT	6078	057763	ADC	juni 2020	River Uppsalaá/River Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót	DCWT	5004	046663	ADC	1/9 2020	River Kelduá/River Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót	DCWT	5044	046663	ADC	4/9 2020	River Grímsá/River Lagarfljót	
STR	?	Kelts	W	River Fífustadadalsá	T_bar_Green	3	IS 110275-110278		July 2020	River Fífustadadalsá	
STR	?	Kelts	W	River Fífustadadalsá	T_bar_Blue	20	Laxfiskar 726-749		Oct. 2020	River Fífustadadalsá	
STR	?	Kelts	W	River Selardalsá	T_bar_Blue	21	Laxfiskar 679-700		Oct. 2020	River Selardalsá	
STR	?	Kelts	W	River Lagarfljót	T_bar_Orange	66	Laxfiskar 326-441		Aug.-Oct 2020	River Lagarfljót	
RAC	?	Salmon	W	River Húseyjarkvísl	T_bar_Green	1	IS105132		17/4 2019	River Húseyjarkvísl	Catch and release
RAC	?	Salmon	W	River Húseyjarkvísl	T_bar_Green	1	IS105148		27/4 2020	River Húseyjarkvísl	Catch and release
RAC	?	Salmon	W	River Húseyjarkvísl	T_bar_Green	1	IS112466	CWT	31/8 2020	River Húseyjarkvísl	Catch and release
MFRI	?	Parr	W	River Vesturdalsá	PIT tag	40	3DD.003D7CA###		20/08/2020	River Vesturdalsá	Autumn tagging with Internal tag
MFRI	?	Parr	W	River Vesturdalsá	PIT tag	34	3DD.003D7CA###		21/08/2020	River Vesturdalsá	Autumn tagging with Internal tag
MFRI	?	Salmon	W	River Selá in Vopnafjörður	Radiotags	1	150.441+ -02 code=2		27/10/2020	River Selá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Selá in Vopnafjörður	Radiotags	1	150.452+ -02 code=2		27/10/2020	River Selá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Selá in Vopnafjörður	Radiotags	1	150.441+ -03 code=3		27/10/2020	River Selá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Selá in Vopnafjörður	Radiotags	1	150.402+ -05 code=5		27/10/2020	River Selá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Selá in Vopnafjörður	Radiotags	1	150.411+ -04 code=4		27/10/2020	River Selá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Selá in Vopnafjörður	Radiotags	1	150.452+ -04 code=4		27/10/2020	River Selá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Selá in Vopnafjörður	Radiotags	1	150.441+ -04 code=4		27/10/2020	River Selá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Selá in Vopnafjörður	Radiotags	1	150.433+ -04 code=4		27/10/2020	River Selá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Selá in Vopnafjörður	Radiotags	1	150.433+ -05 code=5		27/10/2020	River Selá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.422+ -05 code=5		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.441+ -05 code=5		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.422+ -04 code=4		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.422+ -03 code=3		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.433+ -03 code=3		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.452+ -05 code=5		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.411+ -02 code=2		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.402+ -03 code=3		27/10/2020	River Hrutá in Vopnafjörður	External mount

Iceland continued.

## ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES

Marking Season: 2020

Country: Iceland (continued)

Marking Agency*	Age	Life Stage	H/W***	Stock Origin	Primary Tag or Mark**	Number Marked	Code or Serial	Secondary Tag or Mark**	Release Date	Release Location	Comment
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.433+ -02 code=2		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.411+ -05 code=5		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Hrutá in Vopnafjörður	Radiotags	1	150.402+ -02 code=2		27/10/2020	River Hrutá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Vesturdalsá in Vopnafjörður	Radiotags	1	150.452+ -03 code=3		28/10/2020	River Vesturdalsá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Vesturdalsá in Vopnafjörður	Radiotags	1	150.402+ -04 code=4		28/10/2020	River Vesturdalsá in Vopnafjörður	External mount
MFRI	?	Salmon	W	River Vesturdalsá in Vopnafjörður	Radiotags	1	150.411+ -03 code=3		28/10/2020	River Vesturdalsá in Vopnafjörður	External mount
RAC	?	Salmon	W	River Fnjóská	T_bar_Green	1	IS102653		11/07/2020	River Fnjóská	Catch and release
RAC	?	Salmon	W	River Fnjóská	T_bar_Green	2	IS102951-IS102952		05/07/2020	River Fnjóská	Catch and release
RAC	?	Salmon	W	River Fnjóská	T_bar_Green	1	IS102953		28/07/2020	River Fnjóská	Catch and release
RAC	?	Salmon	W	River Fnjóská	T_bar_Green	1	IS106250		11/07/2020	River Fnjóská	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	2	IS102613-IS102614		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	2	IS106143-IS106144		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	3	IS106238-IS106240		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	1	IS106251		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	2	IS109025-IS109026		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	1	IS109251		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	1	IS109271		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	1	IS109273		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	2	IS109350-IS109350		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	6	IS109354-IS109359		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	2	IS109398-IS109399		20/07/2020	River Skjálfandafjót	Catch and release
RAC	?	Salmon	W	River Skjálfandafjót	T_bar_Green	1	IS109953		20/07/2020	River Skjálfandafjót	Catch and release

\*MFRI: Marine and Freshwater Research Institute

\* RAC: Local River Association and fishermen

\*STR: Salmon and Trout Research (Laxfiskar ehf)

\*\* DCWT =Decimal coded wire tag, ADC=adipose fin clip, DST=Active Data Storage Tag, PSAT (Pop-up Satellite Archival Tags), PIT=Passive Integrated Transponder Tags

\*\*\* H: Hatchery, W: Wild

1SW=1 Sea winter

2SW=2 Sea winter



## 3.7 Ireland

### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2019-2020

Country: Ireland

Totals	Origin	Primary Tag or Mark				Total
		Microtag	External Mark	Adipose Clip	Other internal [a]	
	Hatchery juvenile	126,713				126,713
	Wild juvenile				2,441	2,441
	Adult					0
	<b>Total fish marked</b>	<b>126,713</b>	<b>0</b>	<b>0</b>	<b>2,441</b>	<b>129,154</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
Inland Fisheries Ireland	2 1/2	smolt	W	ERRIFF WILD	PIT	410	989001032959388 to 989001032963894	none	May-20	ERRIFF RIVER
Inland Fisheries Ireland	2 1/2	smolt	W	CORRIB WILD	PIT	2,000	989001032958987 to 989001032963394	Fin Clip	April-May 2020	CORRIB RIVER
Inland Fisheries Ireland	2 1/2	smolt	W	CURRANE WILD	Acoustic	1	A69-1303-8806	none	May-20	CURRANE CATHMENT
Inland Fisheries Ireland	2	smolt	W	BOYNE WILD	Acoustic	30	37960 to 37989	none	May-20	BOYNE RIVER
Marine Institute	1+	smolt	H	CARRIGADROHID	CWT	12271		84730 Fin Clip	31/03/2020	LEE RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	11746		84739 Fin Clip	02/05/2020	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	11460		84740 Fin Clip	02/05/2020	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	9687		84741 Fin Clip	02/05/2020	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	3134		64704 Fin Clip	07/05/2020	LOUGH FURNACE
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	3721		64705 Fin Clip	25/04/2020	LOUGH FURNACE
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	3271		64706 Fin Clip	25/04/2020	LOUGH FURNACE
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	6354		84737 Fin Clip	25/04/2020	LOUGH FURNACE
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	6423		84738 Fin Clip	25/04/2020	LOUGH FURNACE
Marine Institute	1+	smolt	H	CONG	CWT	9890		84742 Fin Clip	09/03/2020	CONG RIVER
Marine Institute	1+	smolt	H	CONG	CWT	9874		84743 Fin Clip	07/03/2020	CORRIB RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	7793		84733 Fin Clip	14/04/2020	SHANNON RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	9679		84734 Fin Clip	14/04/2020	SHANNON RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	9716		84735 Fin Clip	14/04/2020	SHANNON RIVER
Marine Institute	1+	smolt	H	BALLYSHANNON	CWT	11694		84736 Fin Clip	09/04/2020	ERNE RIVER

Tag Code	Location	No Tagged
470833	Parteen	7,793
470834	Parteen	9,679
470835	Parteen	9,716
470836	Ballyshannon	11,694
470831	Carrigadrohid	12,271
470837	Newport	6,354
470838	Newport	6,422
470604	Newport	3,134
470605	Newport	3,721
470606	Newport	3,271
470839	Delphi	11,746
470840	Delphi	11,460
470841	Delphi	9,687
470842	Cong	9,890
470843	Cong	9,874
	Total	126,712

## 3.8 Norway

### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2020–2021

Country: Norway

Totals	Primary Tag or Mark				Total
	Origin	Microtag	External Mark	Adipose Clip Other internal [a]	
	Hatchery juvenile		3,609	52,965	56,574
	Wild juvenile		501	23,229	23,730
	Adult		436	80	516
	<b>Total fish marked</b>	<b>0</b>	<b>4,546</b>	<b>0</b>	<b>76,274</b>
					<b>80,820</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
NORCE LFI	2-3	Smolt	W	Storelva Arna	PIT	653		None	21/04/2020	Storelva Arna
NORCE LFI	Multiple	Adult	W	Osterfjord	PIT	271		None	June-Aug 2020	Sea release
NORCE LFI	Multiple	Adult	W	Byglandsfjorden	PIT	358		None	October-November 2020	Byglandsfjorden
NORCE LFI		1 Smolt	W	Daleelva Vaksdal	PIT	5252		None	April-June 2020	Daleelva/Vaksdal
NORCE LFI		1 Smolt	H	Eidfjordvassdraget	PIT	8014		Adipose clip	25/04/2020 00:00	Eidfjordvassdraget
NORCE LFI	2-3	Smolt	W	Ekso	PIT	829		None	19/04/2020 00:00	Ekso
NORCE LFI	2-3	Smolt	W	Masfjorden	PIT	92		None	May-June 2020	Masfjorden
NORCE LFI	Multiple	Adult	W	Masfjorden	PIT	280		None	May-June 2020	Masfjorden
NORCE LFI	2-3	Smolt	W	Vossovassdraget	PIT	3495		None	April-June 2020	Vossovassdraget
NORCE LFI		1 Smolt	H	Vossovassdraget	PIT	21000		Adipose clip	May 2020	Sea release
Rådgivende Biologer	2-3	Smolt	W	Oselva	PIT	1,496		Adipose clip	april 2020	Oselva
Rådgivende Biologer	2-3	Smolt	W	Uskedalselva	PIT	1,367		Adipose clip	29.-31. march 2020	Uskedalselva
Rådgivende Biologer	2-3	Smolt	W	Granvinselfva	PIT	860		Adipose clip	march and april 2020	Granvinselfva
Rådgivende Biologer	2-3	Smolt	W	Mundheimselfva	PIT	130		Adipose clip	23.03.2020	Mundheimselfva
Institute of Marine Research	2-3	Smolt	W	Etneelva	PIT	2,748		None	April-May 2020	Etneelva
Institute of Marine Research	2-3	Smolt	W	Figgjo	PIT	1,558		None	April 2020	Figgjo
Institute of Marine Research		1 Smolt	H	Daleelva Vaksdal	PIT	12,000		Adipose clip	May 2020	Stanghelle
Institute of Marine Research	Multiple	Adult	W	Etneelva	DST & PIT	50		None	April 2020	Etneelva
Institute of Marine Research		1 Smolt	H	Etneelva	PIT	9,000		Adipose clip	May 2020	Etneelva
NINA		Smolt	W	Imsa	Carlin	501	NM- 10499-10999			Imsa, below trap, wild
NINA	1	Smolt	H	Imsa, varm	Carlin	1,500	NO 51500-52999		23/04/2020	Imsa, below trap
NINA	1	Smolt	H	Imsa, kald	Carlin	100	NO 61000-61099		20/04/2020	Imsa, below trap
NINA	1	Smolt	H	Imsa, kald	Carlin	1,500	NO 50000-51499		20/04/2020	Imsa, below trap
NINA	1	Smolt	H	Imsa, kald	Carlin	509	NO 53000-53508		27/04/2020	Imsa, below trap
NINA	Multiple	Adult	W	Multiple	Carlin	99	NX- 1-99			Molnbukt. Caught in bagnet, tagged and realeased
NINA	Multiple	Adult	W	Multiple	Carlin	337	NX- 327-664			Molnbukt. Caught in bagnet, tagged and realeased
NINA	2-3	Smolt	W	Sylteelva	PIT	1,043		None	April-May 2020	Sylteelva
NINA	2-3	Smolt	W	Heggaelva	PIT	266		None	April-May 2020	Heggaelva
NINA		1 Smolt	H	Ims	PIT	2,951		Adipose clip	April-May 2020	Imsa, below trap
NINA	3-4	Smolt	W	Kongsfjordelva	PIT	798		None	May-June 2020	Kongsfjordelva
NINA	2-3	Smolt	W	Vatneelva	PIT	433		None	April-May 2020	Vatneelva
NINA	2-3	Smolt	W	Vigda	PIT	1,300		None	April-May 2020	Vigda
NIVA	3-7	Adult	W	Nidelva i Agder	Acoustic	30		PIT	june-sept 2020	Nidelva

### 3.9 Russia

#### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2020-2021

Country: Russia

Totals	Primary Tag or Mark				Total
	Origin	Microtag	External Mark	Adipose Clip Other internal [a]	
	Hatchery juvenile			836,774	836,774
	Wild juvenile				0
	Adult		238		238
	<b>Total fish marked</b>	<b>0</b>	<b>238</b>	<b>836,774</b>	<b>837,012</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
PINRO	1SW-3SW	kelt	W	Ponoi River	Floy T-Bar	6	51150-51410		May-June	Ponoi River
PINRO	1SW-3SW	adult	W	Ponoi River	Floy T-Bar	211	51150-51999		May-June	Ponoi River
PINRO	1SW-2SW	adult	W	Tipanovka River	Floy T-Bar	21	1-100		July	Tipanovka River
Umbsky hatchery	1.	parr	H	Umba River	AD	187,000			April	Umba River
Knyzhgubsky hatchery	1.	parr	H	Umba River	AD	187,000			April	Umba River
Kandalakhsky hatchery	1.	parr	H	Umba River	AD	187,000			April	Umba River
Wygskiy hatchery	2.	parr	H	Suma River	AD	40,000			April	Suma River
Wygskiy hatchery	2.	parr	H	Keret River	AD	95,000			April	Keret River
Wygskiy hatchery	2.	parr	H	Wyg River	AD	10,000			April	Wyg River
Kemskiy hatchery	2.	parr	H	Keret River	AD	80,000			April	Keret River
Kemskiy hatchery	2.	parr	H	Kem River	AD	50,774			April	Kem River

Notes:

[a] Includes PIT and radio/acoustic tags.

### 3.10 Spain (Asturias)

#### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2020–2021

Country:

Spain

Totals	Primary Tag or Mark				
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]
	Hatchery juvenile	0	0	91,518	0
	Wild juvenile	0	0	0	0
	Adult	0	0	0	0
	<b>Total fish marked</b>	<b>0</b>	<b>0</b>	<b>91,518</b>	<b>0</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
Asturias	0+	PARR	H	Cares	Adipose clip	4,123		No	Jun-20	Cares
Asturias	0+	PARR	H	Cares	Adipose clip	4,072		No	Jul-20	Cares
Asturias	0+	PARR	H	Cares	Adipose clip	4,510		No	Aug-20	Cares
Asturias	0+	PARR	H	Cares	Adipose clip	1,500		No	Sep-20	Cares
Asturias	0+	PARR	H	Esva	Adipose clip	4,975		No	Jun-20	Esva
Asturias	0+	PARR	H	Nalón-Narcea	Adipose clip	10,802		No	Jul-20	Narcea
Asturias	0+	PARR	H	Nalón-Narcea	Adipose clip	28,357		No	sept-20	Narcea
Asturias	0+	PARR	H	Nalón-Narcea	Adipose clip	7,000		No	oct-20	Narcea
Asturias	0+	PARR	H	Nalón-Narcea	Adipose clip	9,000		No	nov-200	Narcea
Asturias	0+	PARR	H	Sella	Adipose clip	1,065		No	May-20	Sella
Asturias	0+	PARR	H	Sella	Adipose clip	8,529		No	Jun-200	Sella
Asturias	0+	PARR	H	Sella	Adipose clip	1,200		No	Jul-20	Sella
Asturias	0+	PARR	H	Sella	Adipose clip	4,465		No	ago-20	Sella
Asturias	0+	PARR	H	Sella	Adipose clip	1,920		No	sept-20	Sella
						91,518				

Notes:

[a] Includes PIT and radio/acoustic tags.

### 3.11 Sweden

#### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2020–2021

Country: Sweden

Totals	Primary Tag or Mark				Total
	Origin	Microtag	External Mark	Adipose Clip Other internal [a]	
	Hatchery juvenile	0	0	158,418 0	158,418
	Wild juvenile	0	0	0 0	0
	Adult	0	0	0 0	0
	<b>Total fish marked</b>	<b>0</b>	<b>0</b>	<b>158,418 0</b>	<b>158,418</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location	Purpose
Laholm fish farm	1	smolt	H	Lagan	Adipose Clip	79,645		0	April	Lagan	Ranching
Laholm fish farm	1	smolt	H	Lagan	Adipose Clip	29,115		0	April	Nissan	Enhancement
Långhults Lax AB fish farm	1	smolt	H	Tributary Sävån	Adipose Clip	11,000		0	April	Göta älv	Enhancement
Laholm fish farm	2	smolt	H	Lagan	Adipose Clip	22,758		0	April	Lagan	Ranching
Långhults Lax AB fish farm	2	smolt	H	Tributary Sävån	Adipose Clip	15,900		0	April	Göta älv	Enhancement

Notes: [a] Includes PIT and radio/acoustic tags.

## 3.12 UK (England and Wales)

ICES Compilation of microtag, fin clip and external tag releases.

Marking season: 2020

Country: UK (England and Wales)

Totals	Primary Tag or Mark				
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]
	Hatchery juvenile			9,600	
	Wild juvenile	607		8,263	100
	Adult		564		
	<b>Total fish marked</b>	<b>607</b>	<b>564</b>	<b>17,863</b>	<b>100</b>
					<b>19,134</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
EA North East	Various	Adult	W	Tyne	Floy tag	9	Green 3126-3134	None	Dec 2020	North Tyne
EA North East	Various	Parr/smolt	H	Tyne	Adipose clip	3,192		None	Jan–May 2020	North Tyne
Natural Resources Wales	Various	Adult	W	Dee	Floy tag	555	Various grey and blue/green	None	May–Sep 2020	Dee – Chester
Natural Resources Wales	Various	Smolt	W	Dee	CWT	607	01/42/38	Adipose clip	May–Jun 2020	Dee – Chester
Natural Resources Wales	1+	Smolt	H	Usk	Adipose clip	2,577		None	30 Apr 2020	Usk – Senni
Natural Resources Wales	1+	Smolt	H	Usk	Adipose clip	1,531		None	14 May 2020	Usk – Senni
Natural Resources Wales	1+	Parr	H	Usk	Adipose clip	2,300		None	14 Oct 2020	Usk – Senni
GWCT	0+	Parr	W	Frome	Adipose clip	8,030	PIT codes starting 3DD.003xxxxx	PIT tag	Aug–Sep 2020	Frome
GWCT	1+	Parr	W	Frome	Adipose clip	233	PIT codes starting 3DD.003xxxxx	PIT tag	Aug–Sep 2020	Frome
University of Glasgow	2+	Smolt	W	Derwent (Cumbria)	Acoustic	100		None	Apr 2020	Derwent – St John's Beck

Notes:

[a] Includes PIT and radio/acoustic tags.

3.13 UK (Northern Ireland)

ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES

Marking Season:	2020					Country:	UK (N. Ireland)
Origin	Primary Tag or Mark						
	Microtag	External tag or mark	Adipose clip	Other internal	Total		
Hatchery Adult						0	
Hatchery Juvenile	5549		63,440		68,989		
Wild Adult						0	
Wild Juvenile						0	
					68,989		

Marking Agency	Age	Life Stage	HW	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location
AFBI	2+	Smolt	H	River Bush	CWT	5549	43/01/30	AD	01-Apr-20	River Bush
AFBI	2+	Smolt	H	River Bush		20701		AD	15-Apr-20	River Bush
AFBI	1+	Smolt	H	River Bush		42739		AD	05-May-20	River Bush



## 3.14 UK (Scotland)

### ICES Compilation of internal and external tag releases

Marking season: 2020

Country: Scotland

Totals	Primary Tag or Mark					Total
	Origin	Microtag	External Tag/Mark	Adipose Clip	Other internal [a]	
	Hatchery juvenile			21,500		21,500
	Wild juvenile		385		1,995	2,380
	Adult		585		1	586
	<b>Total fish marked</b>	<b>0</b>	<b>970</b>	<b>21,500</b>	<b>1,996</b>	<b>24,466</b>

  

Marking	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location
Marine Scotland Science	2.1+	Adult	Wild	Shieldaig river	PIT tag	1	44879F		27/07/2020	Upstream trap
Ayrshire Rivers Trust		Parr	Wild	River Irvine	Caudal clip	30			04/11/2020	232155, 652721
Ayrshire Rivers Trust		Parr	Wild	River Doon	Caudal clip	22			27/10/2020	233080, 614342
Ayrshire Rivers Trust		Parr	Wild	River Doon	Caudal clip	30			16/10/2020	242077, 609452
Ayrshire Rivers Trust		Parr	Wild	River Stinchar	Caudal clip	30			13/10/2020	235951, 595392
Ayrshire Rivers Trust		Parr	Wild	River Stinchar	Caudal clip	30			13/10/2020	229142, 593789
Ayrshire Rivers Trust		Parr	Wild	River Stinchar	Caudal clip	30			13/10/2020	221507, 590665
Ayrshire Rivers Trust		Parr	Wild	River Stinchar	Caudal clip	13			13/10/2020	212555, 585104
Ayrshire Rivers Trust		Parr	Wild	River Ayr	Caudal clip	30			15/10/2020	260935, 626367
Ayrshire Rivers Trust		Parr	Wild	River Ayr	Caudal clip	21			15/10/2020	269463, 625007
Ayrshire Rivers Trust		Parr	Wild	River Ayr	Caudal clip	17			15/10/2020	269184, 631663
Ayrshire Rivers Trust		Parr	Wild	River Ayr	Caudal clip	30			21/10/2020	266347, 617142
Ayrshire Rivers Trust		Parr	Wild	River Irvine	Caudal clip	1			21/10/2020	257030, 638252
Ayrshire Rivers Trust		Parr	Wild	River Irvine	Caudal clip	11			14/10/2020	243874, 647143
Ayrshire Rivers Trust		Parr	Wild	River Doon	Caudal clip	30			16/10/2020	250024, 602960
Ayrshire Rivers Trust		Parr	Wild	Water of Givran	Caudal clip	30			16/10/2020	228148, 600818
Ayrshire Rivers Trust		Parr	Wild	Water of Givran	Caudal clip	30			16/10/2020	236203, 605719
The River Cree Hatchery & Habit Trust		Fed Fry	Hatchery	Wild Broodfish Penkin Burn	Adipose clip	11,000			01/09/2020	Penkin Burn
The River Cree Hatchery & Habit Trust		Fed Fry	Hatchery	Wild Broodfish River Cree	Adipose clip	10,500			August/September 2020	River Cree
River Naver Fisheries		Adult	Wild	River Naver	Floy tag	16	Grey 485 - 500		2020	River Naver
River Naver Fisheries		Adult	Wild	River Naver	Floy tag	22	Grey 578 - 599		2020	River Naver
River Naver Fisheries		Adult	Wild	River Naver	Floy tag	4	Brown 709 - 712		2020	River Naver
River Naver Fisheries		Adult	Wild	River Naver	Floy tag	41	Red 160 - 200		2020	River Naver
River Naver Fisheries		Adult	Wild	River Naver	Floy tag	35	Brown 716 - 750		2020	River Naver
Spey Fishery Board		Adult	Wild	River Spey	Floy tag	42	Yellow 04184 - 04225		November 2020	River Spey mainstem
The Tweed Foundation	1+	Parr	Wild	River Tweed	PIT tag	995	226000486000 - 226000486999		April/May 2020	Gala Water, River Tweed
The Tweed Foundation	1+	Parr	Wild	River Tweed	PIT tag	997	226000488000 - 226000488999		September 2020	Gala Water, River Tweed
The Tweed Foundation	1+	Parr	Wild	River Tweed	PIT tag	3	226000489051, 226000489065, 226000489092		September 2020	Gala Water, River Tweed
The Tweed Foundation		Adult	Wild	River Tweed	Floy tag	397	Tweed Foundation - Yellow / Pink - various from 0001 - 1150		During 2020	Tweed Catchment
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0618	Adipose clip	04/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0620	Adipose clip	04/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0621	Adipose clip	04/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0622	Adipose clip	04/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0623	Adipose clip	04/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0624	Adipose clip	04/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0625	Adipose clip	04/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0628	Adipose clip	20/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0630	Adipose clip	20/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0632	Adipose clip	21/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0633	Adipose clip	22/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0640	Adipose clip	25/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0655	Adipose clip	25/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0656	Adipose clip	26/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0659	Adipose clip	27/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0676	Adipose clip	27/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0681	Adipose clip	28/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0684	Adipose clip	30/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0685	Adipose clip	30/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0686	Adipose clip	31/10/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0690	Adipose clip	01/11/2020	Baddoch Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0095	Adipose clip	02/11/2020	Gimnock Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0096	Adipose clip	02/11/2020	Gimnock Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0071	Adipose clip	05/10/2020	Gimnock Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0072	Adipose clip	05/10/2020	Gimnock Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0106	Adipose clip	12/11/2020	Gimnock Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0108	Adipose clip	12/11/2020	Gimnock Burn
Marine Scotland Science		Adult	Wild	River Dee (Aberdeenshire)	Floy tag	1	B0092	Adipose clip	27/10/2020	Gimnock Burn

Notes: [a] Includes PIT and radio/acoustic tags. .H/W - Hatchery or Wild reared.

## 3.15 USA

### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2020–2021

Country: USA

Totals	Primary Tag or Mark					Total
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]	
	Hatchery juvenile	-	-	68,030	-	68,030
	Wild juvenile	-	-	-	-	0
	Adult	-	88	170	2,393	2,651
	<b>Total fish marked</b>	<b>0</b>	<b>88</b>	<b>68,200</b>	<b>2,393</b>	<b>70,681</b>

  

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
EMARC	0	0_Parr	Hatchery	East Machias	Adipose clip	68,030			Oct 2020	East Machias
MEDMR		Adult	Sea Run	Narraguagus	Adipose punch	19			Jun 2020	Narraguagus
MEDMR		Adult	Sea Run	Narraguagus	Upper caudal punch	88			Jun 2020	Narraguagus
MEDMR		Adult	Sea Run	Penobscot	Adipose punch	52			Jun 2020	Kennebec
MEDMR		Adult	Sea Run	Penobscot	Adipose punch	95			Jun 2020	Penobscot
MEDMR		Adult	Sea Run	Penobscot	Adipose punch	4		Upper caudal punch	Jun 2020	Penobscot
MEDMR		Adult	Sea Run	Penobscot	PIT	62		Adipose punch	Jun 2020	Penobscot
MEDMR		Adult	Sea Run	Penobscot	Radio tag	90		Passive Integrated Transponder (PIT)	Jun 2020	Penobscot
USFWS		Adult	Wild	Penobscot	PIT	22		Adipose punch	Aug 2020	Penobscot
USFWS		Adult	Wild	Penobscot	PIT	203		Adipose punch	Dec 2020	Penobscot
USFWS	3	Adult	Hatchery	Dennys	PIT	34		Double upper caudal punch	Dec 2020	Dennys
USFWS	3	Adult	Hatchery	East Machias	PIT	46		Double upper caudal punch	Dec 2020	East Machias
USFWS	3	Adult	Hatchery	Machias	PIT	47		Double upper caudal punch	Dec 2020	Machias
USFWS	3	Adult	Hatchery	Narraguagus	PIT	69		Double upper caudal punch	Dec 2020	Narraguagus
USFWS	3	Adult	Hatchery	Penobscot	PIT	100		Double adipose punch	Nov 2020	Penobscot
USFWS	3	Adult	Hatchery	Pleasant	PIT	27		Double upper caudal punch	Dec 2020	Pleasant
USFWS	3	Adult	Hatchery	Sheepscot	PIT	43		Double upper caudal punch	Dec 2020	Sheepscot
USFWS	4	Adult	Hatchery	Dennys	PIT	47		Double upper caudal punch	Dec 2020	Dennys
USFWS	4	Adult	Hatchery	East Machias	PIT	93		Double upper caudal punch	Dec 2020	East Machias
USFWS	4	Adult	Hatchery	Machias	PIT	63		Double upper caudal punch	Dec 2020	Machias
USFWS	4	Adult	Hatchery	Narraguagus	PIT	90		Double upper caudal punch	Dec 2020	Narraguagus
USFWS	4	Adult	Hatchery	Penobscot	PIT	650		Double adipose punch	Nov 2020	Penobscot
USFWS	4	Adult	Hatchery	Pleasant	PIT	71		Double upper caudal punch	Dec 2020	Pleasant
USFWS	4	Adult	Hatchery	Sheepscot	PIT	74		Double upper caudal punch	Dec 2020	Sheepscot
USFWS	5	Adult	Hatchery	Dennys	PIT	117		Double upper caudal punch	Dec 2020	Dennys
USFWS	5	Adult	Hatchery	East Machias	PIT	81		Double upper caudal punch	Dec 2020	East Machias
USFWS	5	Adult	Hatchery	Machias	PIT	88		Double upper caudal punch	Dec 2020	Machias
USFWS	5	Adult	Hatchery	Narraguagus	PIT	132		Double upper caudal punch	Dec 2020	Narraguagus
USFWS	5	Adult	Hatchery	Pleasant	PIT	71		Double upper caudal punch	Dec 2020	Pleasant
USFWS	5	Adult	Hatchery	Sheepscot	PIT	73		Double upper caudal punch	Dec 2020	Sheepscot

Notes:

[a] Includes PIT and radio/acoustic tags.

## Annex 1: National tag clearing houses to which Atlantic salmon tags should be returned

Country	Institution	Address
Canada	Fisheries and Oceans Canada Att. Cindy Breau	343 Université Avenue Moncton NB E1C 9B6 Canada Cindy.Breau@dfo-mpo.gc.ca
Denmark	DTU Aqua - National Institute of Aquatic Resources Department of Inland Fisheries Att. Niels Jepsen	Vejlsøvej 39 8600 Silkeborg Denmark nj@aqua.dtu.dk
France	ECOBIO, INRA, University of Pau and Pays Adour Att. Mathieu Buoro	Aquapôle-Quartier Ibarron n°173, RD 918-route de St Jean de Luz 64310 St Pée sure Nivelle France Mathieu.buoro@inra.fr
Germany	Thunen Institute Institute for Fisheries Ecology Att. Marko Freese	Herwigstr. 31 27572 Bremerhaven Germany Marko.Freese@thuenen.de
Greenland	Greenland Institute of Natural Resources Att. Rasmus Nygaard	Kivioq 2 Nuuk 3900 Greenland RaNY@natur.gl
Iceland	Directorate of Fisheries Att. Sumarliði Óskarsson	Dalshrauni 1 220 Hafnarfjörður Iceland summi@fiskistofa.is
Ireland	Marine Institute Fisheries Ecosystem Advisory Services Att. Michael Millane	Farran Laboratory, Furnace Newport, Co Mayo Ireland Mary.dillane@marine.ie niall.omaoidigh@marine.ie

Country	Institution	Address
Norway	Institute of Marine Research Att. Vidar Wennevik	PO Box 1870 Nordnes 5817 Bergen Norway Vidar.Wennevik@hi.no
Russia	Polar Branch of VNIRO (PINRO named after N.M.Knipovich) Att. Sergey Prusov	6 Academician Knipovitch Street 183038 Murmansk Russia prusov@pinro.ru/prusovs@gmail.com
Spain (Asturias)	Sección de Pesca fluvial Att. Jerónimo de la Hoz Regules	C/Coronel Aranda, 3 3 33005 Oviedo, Spain jeronimodela.hozregulas@asturias.org daniel.gonzalez-nuevogalan@austrias.org
Sweden	Swedish Board of Fisheries Institute of Fresh-water Research Att. Ida Ahlbeck-Bergendahl	Institutionen för akvatiska resurser Sötvattenslaboratoriet Stångholmsvägen 2, 178 93 Drottningholm Sweden ida.ahlbeck.bergendahl@slu.se
UK (England & Wales)	Cefas, Lowestoft Laboratory Att. Jonathan Gillson	Pakefield Road, Lowestoft Suffolk NR33 OHT UK jonathan.gillson@cefass.co.uk
UK (Scotland)	Marine Scotland Science, Freshwater Laboratory Field Station Att. Nora Hanson	Inchbraoch House South Quay, Ferryden Montrose DD10 9SL Scotland, UK n.hanson@marlab.ac.uk
UK (N Ireland)	Agri-food and Biosciences Institute Att. Dennis Ensing	18a Newforge Lane BT9 5PX Belfast UK Dennis.ensing@afbini.gov.uk
USA	National Oceanic and Atmospheric Administration Northeast Fisheries Science Center Att. Timothy Sheehan	166 Water Street Woods Hole, MA 02453 USA Tim.sheehan@noaa.gov