



Key figures from Norwegian Aquaculture Industry 2019

Livet i havet - vårt felles ansvar

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Key figures from Norwegian Aquaculture Industry 2019

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Summary:

This report presents key figures from the Norwegian Aquaculture Industry. The report contains information about all species farmed in Norway. The information is in four groups. One group contains information about Atlantic salmon and Rainbow trout. Another group contains information about other fish species, a third group contains information about molluscs, crustaceans and echinoderms and finally the fourth group contains information about algae.

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1. Licences

Source: The Directorate of Fisheries

Figure 1. The number of licences 2009-2019

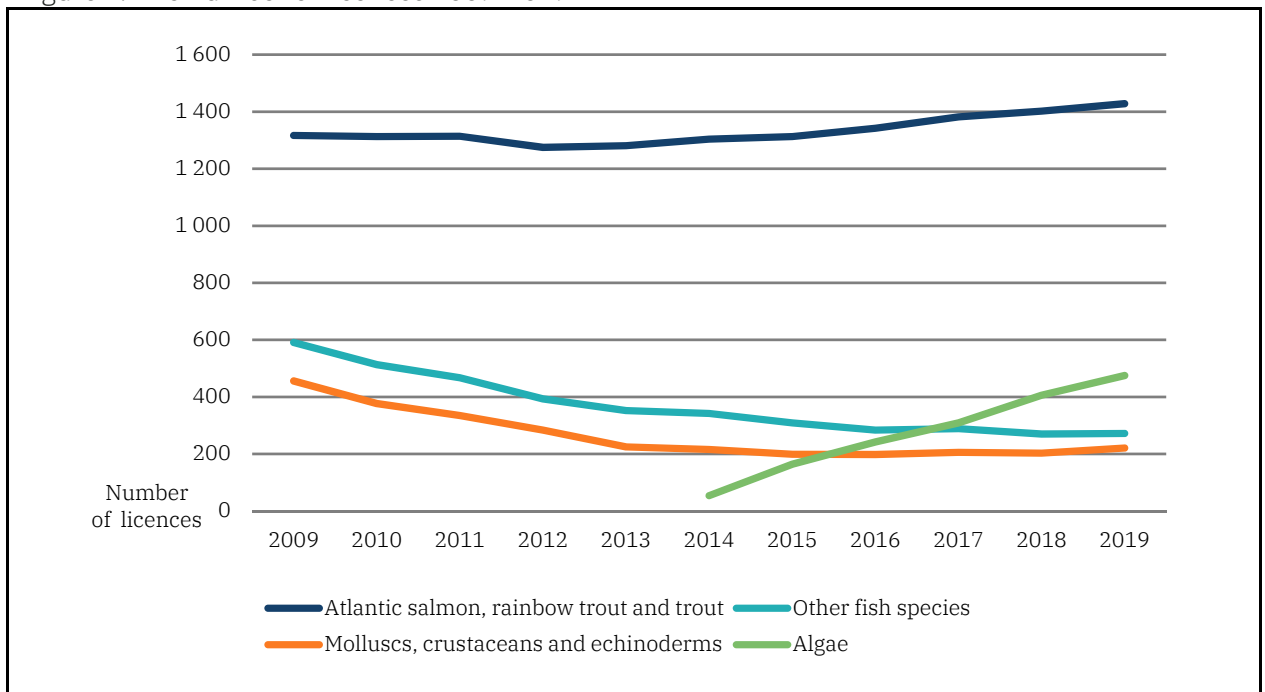
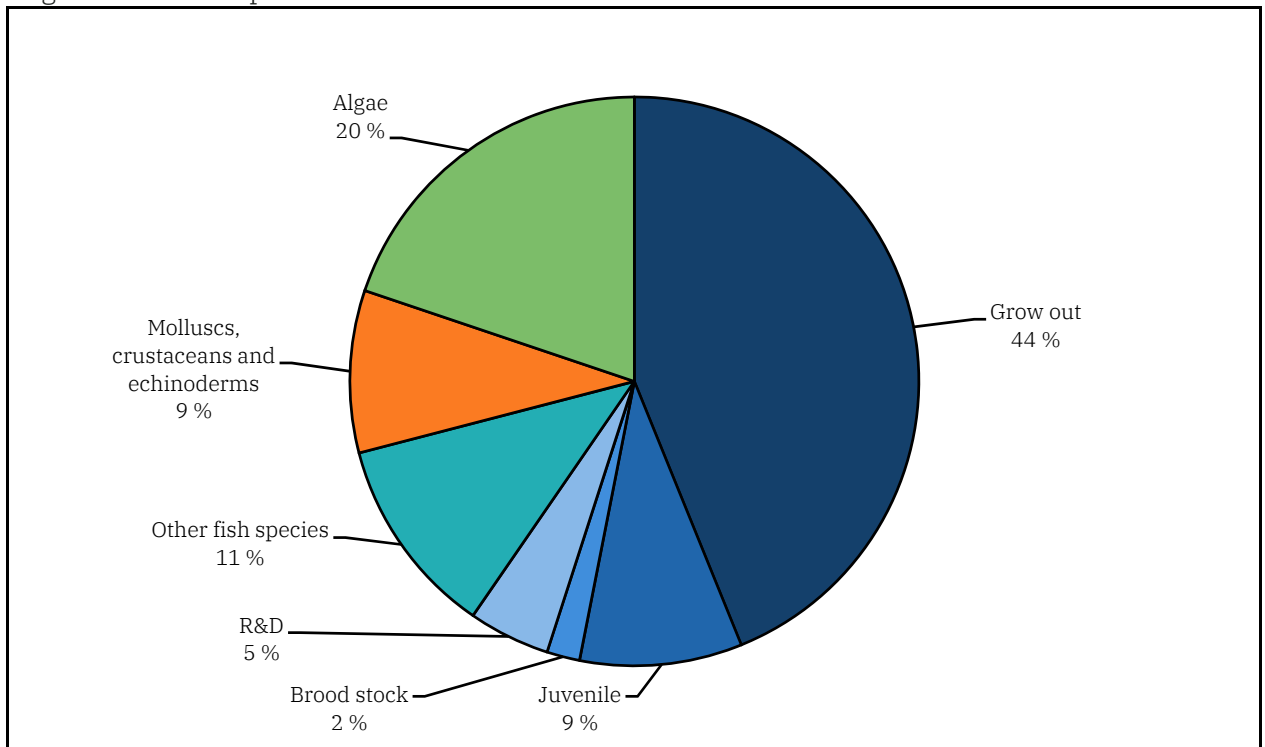


Figure 2. Licences per 31 December 2019



Be aware that grow out production, juvenile, brood stock and research (R&D) are licenses for production of Atlantic salmon, rainbow trout and trout.

Table 1. The number of licenses per 31 December 2019, Atlantic salmon, rainbow trout and trout

	Juvenile	Grow out	Brood stock	R & D ¹⁾	Total
County	Number of licenses	Number of licenses	Number of licenses	Number of licenses	Number of licenses
Finnmark	7	102	0	5	114
Troms	12	109	2	12	135
Nordland	33	187	10	24	254
Trøndelag	34	170	9	22	235
Møre og Romsdal	34	117	6	6	163
Sogn og Fjordane	20	92	4	7	123
Hordaland	56	166	6	16	244
Rogaland	17	59	5	17	98
Vest-Agder	2	19	0	0	21
Aust-Agder	1	3	1	0	5
Øvrige Fylker	5	27	2	2	36
Total	221	1051	45	111	1428

¹⁾ Research (R&D)

Table 2. The number of licenses per 31 December 2019, other fish species, molluscs, crustaceans, echinoderms, sea ranching and algae

	Fish	Molluscs, crustaceans and echinoderms	Sea Ranching	Algae
County	Number of licenses	Number of licenses	Number of licenses	Number of licenses
Finnmark	12	5	0	4
Troms	16	7	0	2
Nordland	41	40	0	152
Trøndelag	40	43	1	23
Møre og Romsdal	28	7	1	9
Sogn og Fjordane	18	10	0	98
Hordaland	62	62	0	175
Rogaland	24	18	4	2
Vest-Agder	8	6	2	9
Aust-Agder	3	14	0	0
Øvrige Fylker	20	9	0	1
Total	272	221	8	475

Table 3. The number of licenses per 31 December 2019 for other fish species, molluscs, crustaceans, echinoderms and algae distributed by species

Other fish species		Molluscs, crustaceans and echinoderms		Algae	
Species	No.	Species	No.	Species	No.
Atlantic halibut	69	Blue mussel	130	Sea belts	92
Turbot	31	European lobster	24	Tangle	82
Wrasse	167	Great Atlantic scallop	40	Dabber locks	88
Lumpfish	79	Sea urchin	38	Dulse	70
Arctic char	55	Flat and cupped oyster	50	Other species	246
Atlantic cod	78	Other species	262		
Other species	461				

The licenses for fish species, molluscs, crustaceans and echinoderms are comprised of several species. In “Table 3” licenses are counted several times. The total number of licenses in “Table 3” is therefore higher than the total number of licenses presented in “Table 2”.

2. Sites

Source: The Directorate of Fisheries

Table 4. The number of sites in seawater per 31 December 2019

	Atlantic salmon and rainbow trout	Other fish species	Molluscs, crustaceans and echinoderms	Algae
County	Number	Number	Number	Number
Finnmark	64	0	0	4
Troms	88	5	3	2
Nordland	188	16	38	17
Trøndelag	178	11	41	13
Møre og Romsdal	120	7	2	8
Sogn og Fjordane	91	5	10	20
Hordaland	169	12	46	29
Rogaland	62	5	9	2
Vest-Agder	4	1	2	1
Aust-Agder	2	0	13	1
Øvrige fylker	0	2	1	0
Total	966	64	165	97

Table 5. The number of sites at land per 31. December 2019, production for Atlantic salmon and rainbow trout.

County	Licenses for grow out		Licenses for juveniles	
	Freshwater	Salt water	Freshwater	Salt water
County	Number	Number	Number	Number
Finnmark	0	0	6	0
Troms	0	0	9	0
Nordland	1	3	30	0
Trøndelag	2	0	28	0
Møre og Romsdal	2	4	23	3
Sogn og Fjordane	2	5	18	1
Hordaland	4	2	36	2
Rogaland	2	1	11	2
Vest-Agder	0	0	2	0
Aust-Agder	1	0	0	0
Øvrige fylker	13	1	5	0
Total	27	16	168	8

3. Companies with production (preliminary figures for 2019)

Source: The Directorate of Fisheries

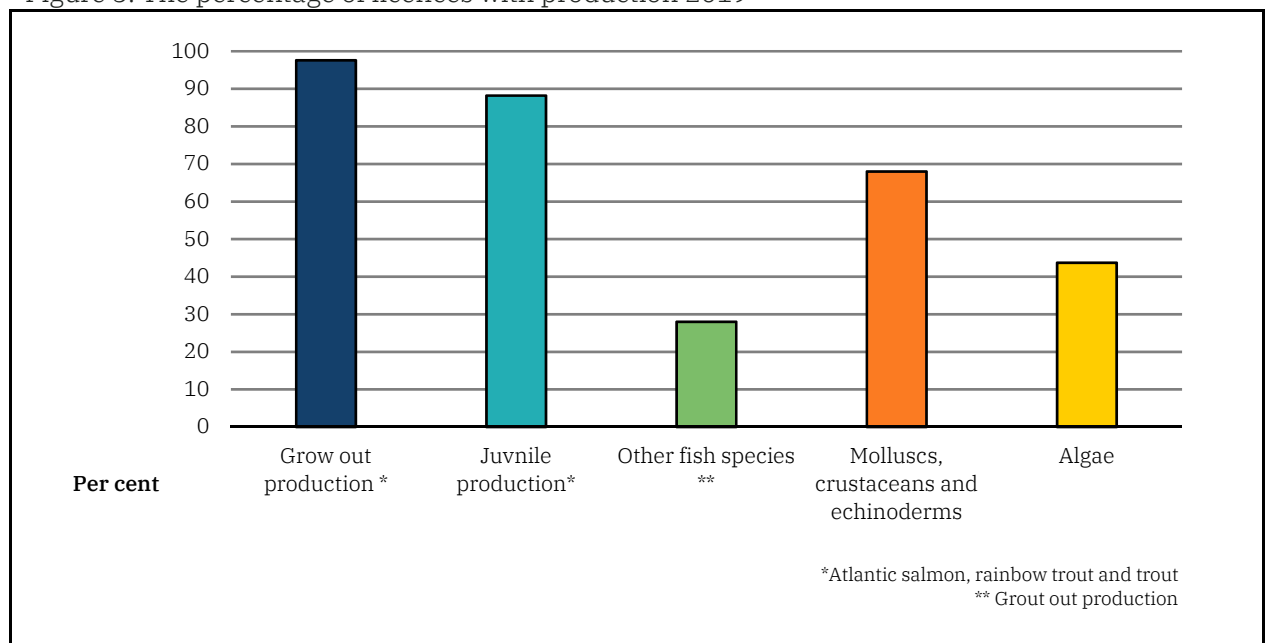
Table 6. The number of companies with production of fish in 2019

County	Atlantic salmon, rainbow trout and trout		Other fish species	
	Grow out	Juvenile	Grow out	Juvenile
Finnmark	6	4	2	1
Troms	19	9	1	4
Nordland	35	16	12	9
Trøndelag	18	15	3	4
Møre og Romsdal	12	17	3	7
Sogn og Fjordane	17	10	5	3
Hordaland	32	26	6	7
Rogaland	15	11	3	4
Øvrige fylker	16	3	6	4
Totalt	170	111	41	43

Table 7. The number of companies with production of molluscs, crustaceans, echinoderms and algae in 2019

County	Molluscs, crustaceans and echinoderms	Algae
Finnmark	0	0
Troms	2	0
Nordland	4	4
Trøndelag	9	2
Møre og Romsdal	4	2
Sogn og Fjordane	5	2
Hordaland	13	5
Rogaland	3	0
Øvrige fylker	3	1
Total	43	16

Figure 3. The percentage of licences with production 2019



4. Employment (preliminary figures for 2019)

Source: The Directorate of Fisheries

Figure 3. Number of employees working with production of fish, molluscs, crustaceans and echinoderms 2009-2019

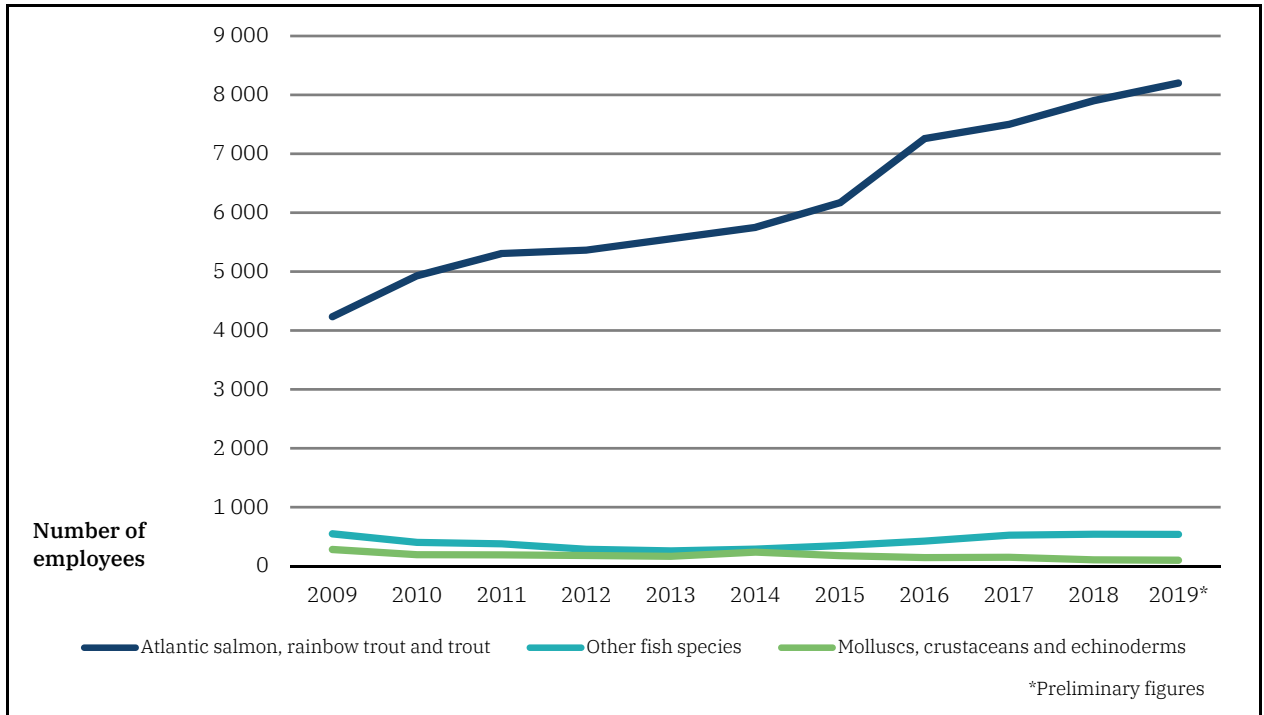
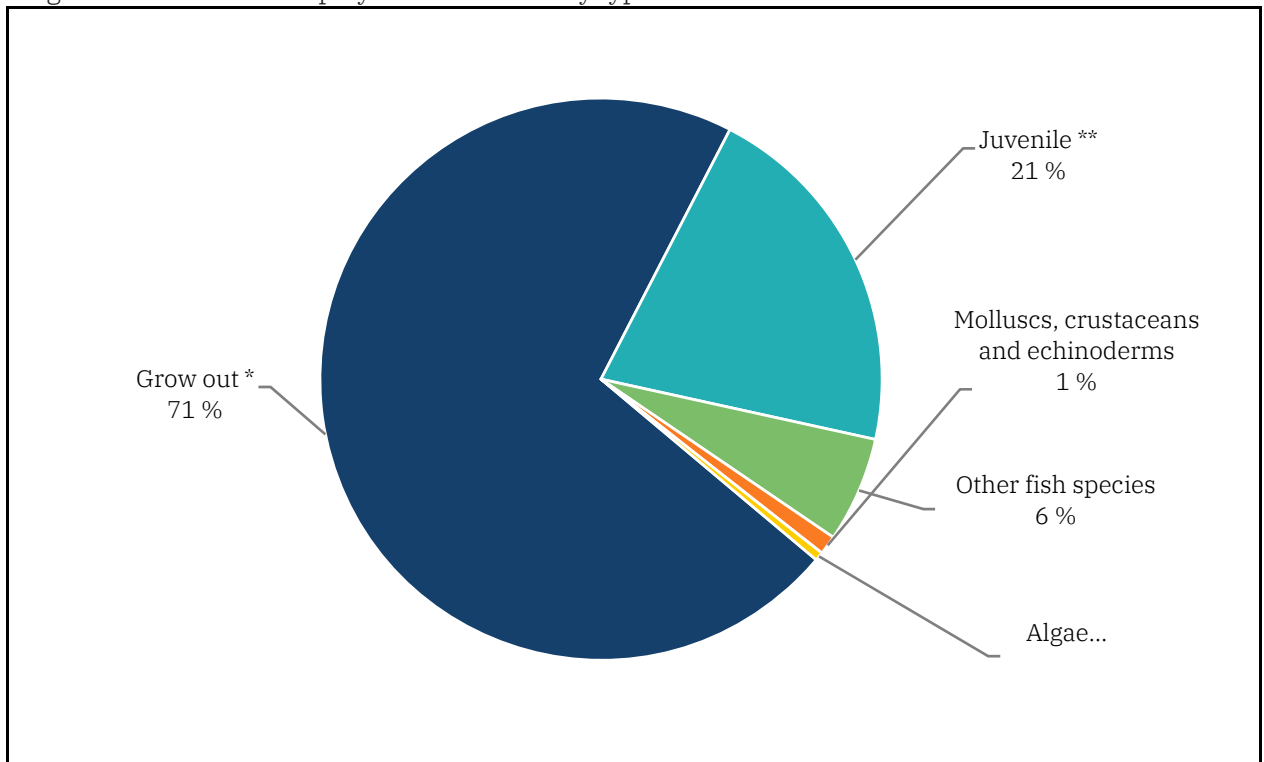


Figure 4. Number of employees distributed by type of license in 2019



* Grow out production of Atlantic salmon, rainbow trout and trout

** Juvenile production of Atlantic salmon, rainbow trout and trout

Employment - Atlantic salmon and rainbow trout (preliminary figures for 2019)

Table 8. Employment in the production of Atlantic salmon, rainbow trout and trout in 2019

County	Grow out fish, brood stock and R&D			Juvenile fish		
	Men	Women	Total	Men	Women	Total
Finnmark	458	73	531	51	23	74
Troms	648	102	750	105	28	133
Nordland	1 012	173	1 185	303	137	440
Trøndelag	1 107	159	1 266	227	103	330
Møre og Romsdal	462	46	508	156	71	227
Sogn og Fjordane	378	75	453	76	34	110
Hordaland	1 011	171	1 182	257	132	389
Rogaland	320	49	369	85	51	136
Øvrige fylker	99	6	105	10	3	13
Total	5 495	854	6 349	1 270	582	1 852

Table 9. Man-Hours¹⁾ in the production of Atlantic salmon, rainbow trout and trout in 2019

County	Grow out fish, brood stock and R&D			Juvenile fish		
	Men	Women	Total	Men	Women	Total
Finnmark	732 307	98 357	830 664	78 356	31 468	109 824
Troms	936 990	126 585	1 063 575	159 864	34 423	194 287
Nordland	1 444 791	185 530	1 630 321	378 775	131 349	510 124
Trøndelag	1 521 351	171 086	1 692 437	309 135	111 106	420 241
Møre og Romsdal	672 378	56 142	728 520	222 004	79 451	301 455
Sogn og Fjordane	507 724	84 759	592 483	92 184	34 336	126 520
Hordaland	1 384 503	185 984	1 570 487	350 769	124 772	475 541
Rogaland	488 372	60 972	549 344	128 896	55 654	184 550
Øvrige fylker	112 492	5 964	118 456	13 138	3 800	16 938
Total	7 800 908	975 379	8 776 287	1 733 121	606 359	2 339 480

¹⁾ The Directorate of Fisheries define the number of man-hour per year as 1845 hours

Employment- Other fish species (preliminary figures for 2019)

Table 10. Employment in the production of other fish species in 2019

County	Grow out production			Juvenile		
	Men	Women	Total	Men	Women	Total
Finnmark and Troms	3	0	3	23	20	43
Nordland	16	6	22	51	23	74
Trøndelag	13	3	16	34	25	59
Møre og Romsdal	7	0	7	52	21	73
Sogn og Fjordane	18	3	21	19	7	26
Hordaland	12	6	18	50	26	76
Rogaland and øvrige fylker	37	11	48	33	20	53
Total	106	29	135	262	142	404

Table 11. Man-Hours¹⁾ in the production of other marine fish species in 2020

County	Grow out production			Juvenile		
	Men	Women	Total	Men	Women	Total
Finnmark and Troms	4 615	0	4615	35208	23718	58 926
Nordland	21 335	8 280	29615	70 773	29 008	99 781
Trøndelag	11 625	2 650	14275	44 096	28 198	72 294
Møre og Romsdal	1 750	0	1750	76 815	32 613	109 428
Sogn og Fjordane	12 450	2 025	14475	31 916	7 424	39 340
Hordaland	14 650	7 275	21925	77 855	34 180	112 035
Rogaland and øvrige fylker	62 027	15 569	77596	54 593	29 247	83 840
Total	128 452	35 799	164251	391 256	184 388	575 644

¹⁾ The Directorate of Fisheries defines the number of man-hour per year as 1845 hours

Employment - Molluscs, crustaceans and echinoderms (preliminary figures for 2019)

Table 12. Employment in the production of molluscs, crustaceans and echinoderms in 2019

County	Employees			Man-Hours ¹⁾		
	Men	Women	Total	Men	Women	Total
Finnmark and Troms	:	:	0	:	:	0
Nordland	14	2	16	15 237	500	15 737
Trøndelag	24	10	34	22 426	11 679	34 105
Møre og Romsdal	5	1	6	980	120	1 100
Sogn og Fjordane	5	1	6	415	150	565
Hordaland	20	4	24	3 009	750	3 759
Rogaland and øvrige fylker	:	:	0	:	:	0
Total	78	20	98	45 174	13 339	58 513

¹⁾ The Directorate of Fisheries defines the number of man-hour per year as 1845 hours

Employment – Algae (preliminary figures for 2019)

Tabell 13. Employment in the production of algae in 2019

County	Employees			Man-Hours ¹⁾		
	Men	Women	Total	Men	Women	Total
Total	37	7	44	22 458	5 967	28 425

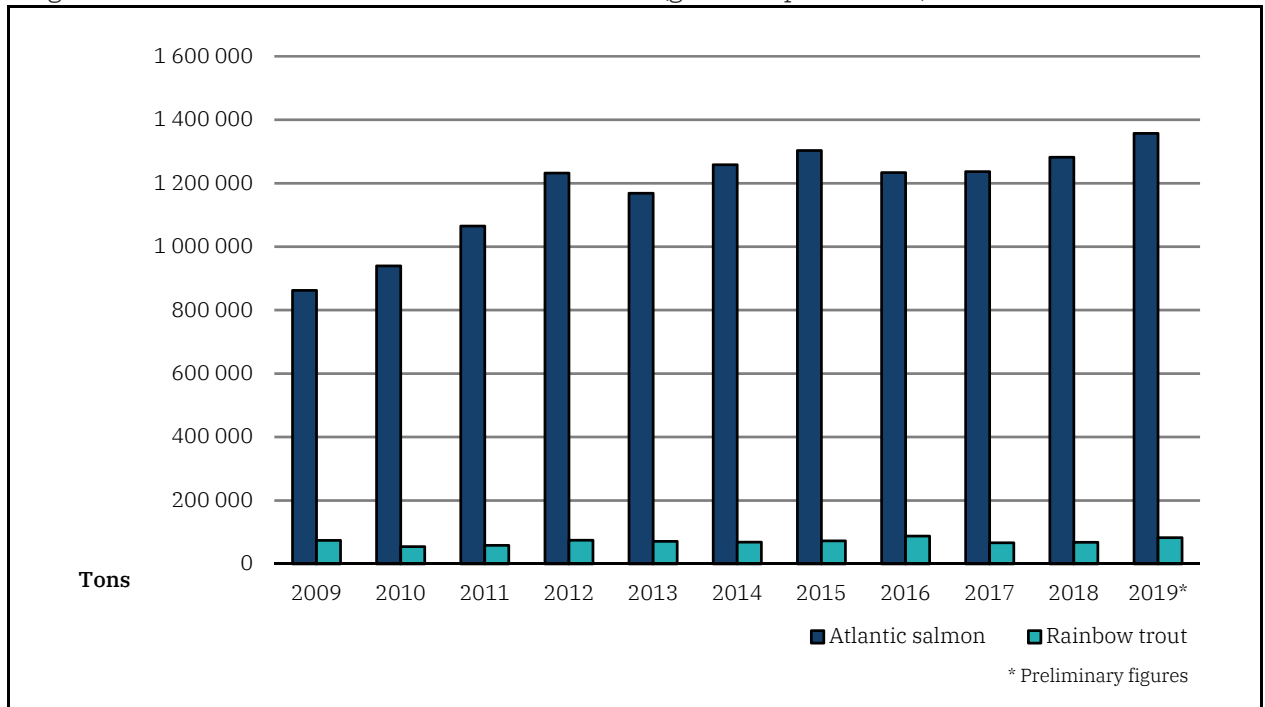
¹⁾ The Directorate of Fisheries defines the number of man-hour per year as 1845 hours

5. Sale (preliminary figures for 2019)

Source: The Directorate of Fisheries

Sale of Atlantic salmon and rainbow trout (preliminary figures for 2019)

Figure 5. Sale of Atlantic salmon and rainbow trout (grow out production) 2009-2019



Tabell 14. Sale of Atlantic salmon and rainbow trout in 2019. Weight in metric tons round weight and value in 1000 NOK

County	Grow out production					
	Atlantic salmon			Rainbow trout		
	Weight	Value	Price per kg	Weight	Value	Price per kg
Finnmark	120 945	6 226 706	51,48	0	0	-
Troms	176 935	8 721 981	49,29	0	0	-
Nordland	302 178	15 230 140	50,40	4 395	218 894	49,81
Trøndelag	201 575	10 021 968	49,72	2 592	116 661	45,01
Møre og Romsdal	186 653	9 538 893	51,11	12 992	579 532	44,61
Sogn og Fjordane	87 990	4 346 794	49,40	19 619	904 266	46,09
Hordaland	167 495	8 372 632	49,99	42 346	1 758 922	41,54
Rogaland	90 724	4 502 212	49,63	763	34 052	44,64
Øvrige fylker	22 811	1 153 977	50,59	149	6 930	46,52
Total	1 357 304	68 115 302	50,18	82 855	3 619 258	43,68

Table 15. Percentage of sale (Atlantic salmon and rainbow trout) for the 10 largest companies in Norway. Weight in tons.

Year	Total sale	10 largest	Percentage
2015	1 376 267	948 319	68,9
2016	1 321 471	897 262	67,9
2017	1 303 352	874 016	67,1
2018	1 349 887	909 165	67,4
2019	1 440 358	955 579	66,3

Figure 6. Sale of juvenile fish of Atlantic salmon and rainbow trout 2009-2019

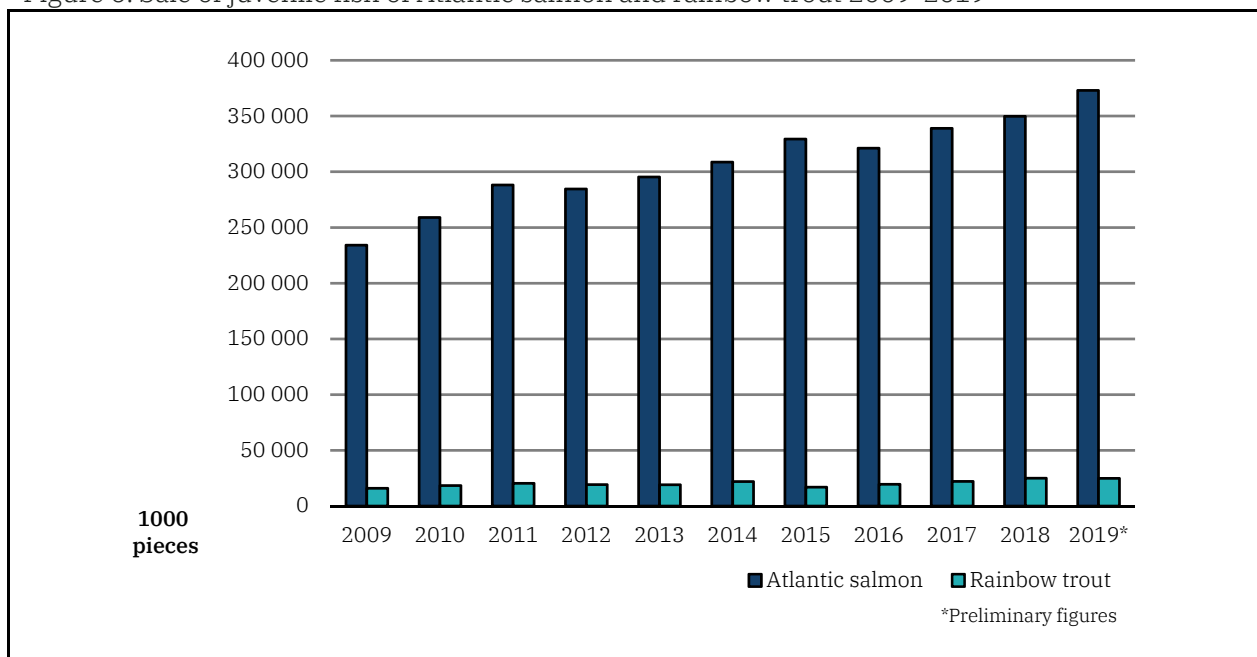


Table 16. Sale of juvenile fish of Atlantic salmon and rainbow trout in 2019. Quantity in 1000 pieces and value in 1000 NOK

County	Juvenile fish					
	Atlantic salmon			Rainbow trout		
	Number	Value	Price per fish	Number	Value	Price per fish
Finnmark and Troms	49 456	782 373	15,82	0	0	-
Nordland	100 433	1 355 615	13,50	1 631	25 186	15,44
Trøndelag	78 626	966 575	12,29	2 453	32 400	13,21
Møre og Romsdal	45 305	603 442	13,32	927	14 382	15,51
Sogn og Fjordane	11 939	178 113	14,92	7 552	99 516	13,18
Hordaland	64 849	1 172 074	18,07	10 342	158 883	15,36
Rogaland	19 488	384 523	19,73	1 840	30 018	16,31
Øvrige fylker	2 943	39 297	13,35	157	1 558	9,92
Total	373 039	5 482 012	14,70	24 902	361 943	14,53

Sale of other fish species (preliminary figures for 2019)

Figure 8. Sale of other fish species 2009-2019

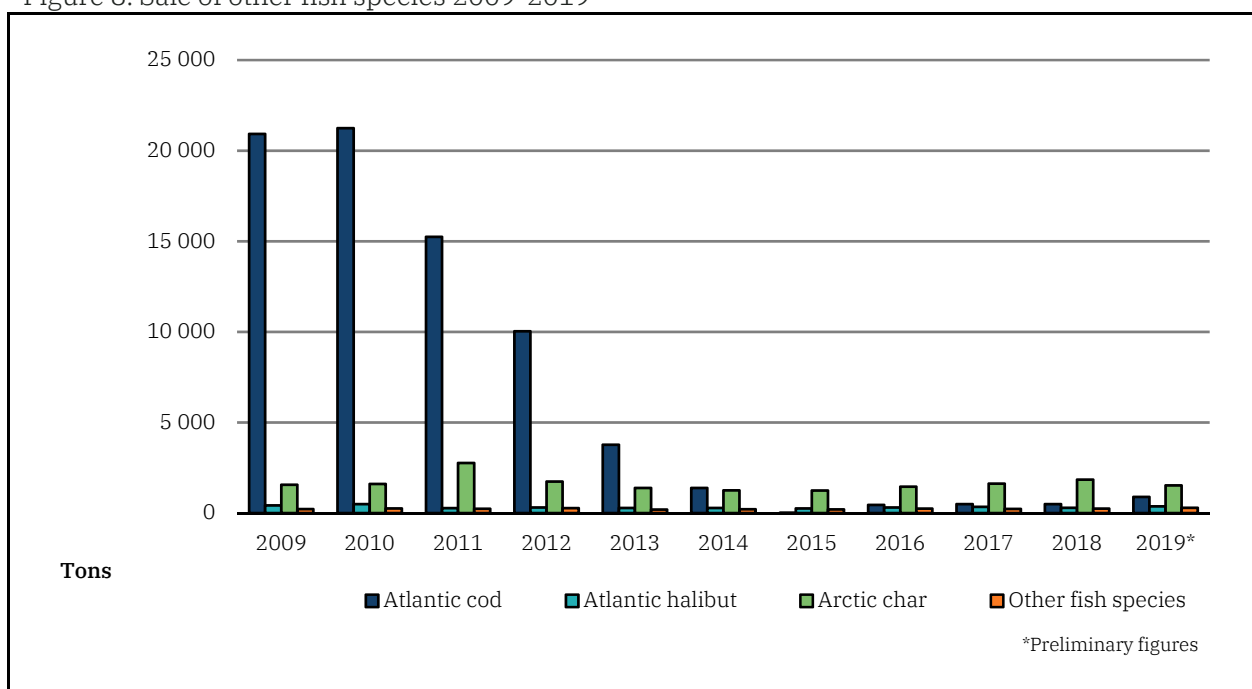


Table 17. Sale of other fish species in 2019. Weight in metric tons round weight and value in 1000 NOK

County	Weight	Value	Species	Weight	Value
Finnmark and Troms	25	1 715	Atlantic cod	896	25 381
Nordland	1 145	40 559	Arctic char	368	23 568
Trøndelag	50	3 495	Atlantic halibut	1 524	154 516
Møre og Romsdal	0	0	Other species	291	28 317
Sogn og Fjordane	87	8 016	Total	3 079	231 783
Hordaland	25	2 500			
Rogaland and øvrige fylker	1 748	175 497			
Total	3 079	231 783			

Table 18. Sale of juvenile of other fish species in 2019. Quantity in 1000 pieces and value in 1000 NOK

Species	Number	Value
Atlantic cod	460	5 750
Arctic char	460	4 600
Atlantic halibut	1 306	52 217
Other species	31	0
Total	2 257	62 567

Sale of molluscs, crustaceans and echinoderms (preliminary figures for 2019)

Figure 9. Gross sale of molluscs, crustaceans and echinoderms 2009-2019

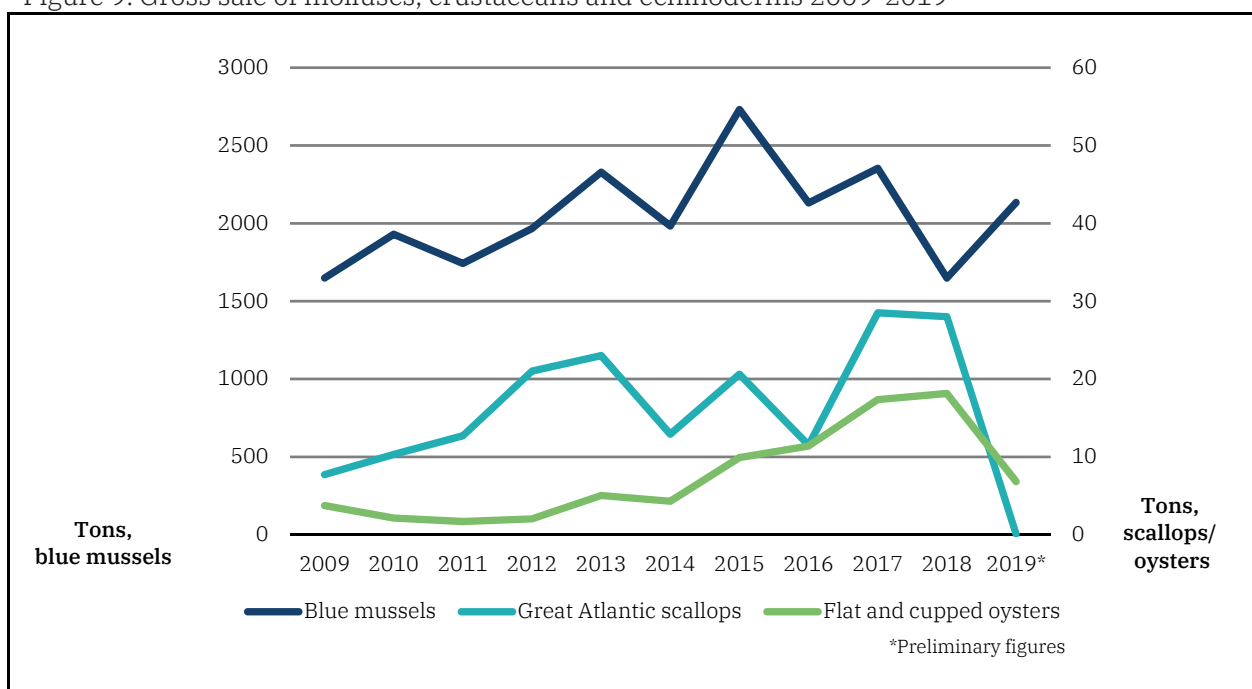


Table 19. Gross sale of molluscs, crustaceans and echinoderms in 2019. Weight in metric tons and value in 1000 NOK

County	Weight	Value	Species	Weight	Value
Finnmark and Troms	:	:	Blue mussels	2 134	24 523
Nordland	839	7 586	Great Atlantic scallops	0,1	3
Trøndelag	1 243	16 606	Oysters	7	648
Møre og Romsdal	8	2 766	Others species	8	2 846
Sogn og Fjordane	50	301	Total	2 149	28 020
Hordaland	4	448			
Rogaland and øvrige fylker	:	:			
Total	2 149	28 020			

6. Losses in the production (preliminary figures for 2019)

Source: The Directorate of Fisheries

Definitions:

- Dead fish: Number fish physically taken out of the bag-net. Cause of this type of death could be illness, wounds etc. without clearly specifying the cause.
- Turn out from slaughterhouse: Number of fish discarded at slaughterhouse due to maturity, defects, blemishes etc.
- Escapes: Number of fish that have escaped in conjunction with an accident.
- Other losses: Number of fish lost due to predation, theft, counting mistakes and other causes.

Table 20. Losses in the production of Atlantic salmon in 2019. Quantity in 1000 pieces

County	Dead	Rejected	Escapes	Others	Total
Finnmark	3 803	18	0	520	4 341
Troms	9 674	123	0	1 368	11 164
Nordland	12 145	73	56	-255	12 019
Trøndelag	5 529	228	34	400	6 191
Møre og Romsdal	4 411	132	2	172	4 717
Sogn og Fjordane	4 406	463	0	239	5 108
Hordaland	11 549	807	1	365	12 723
Rogaland	2 841	826	0	2	3 668
Øvrige fylker	946	22	0	-71	896
Total	55 303	2 691	93	2 740	60 827

Table 21. Losses in the production of rainbow trout in 2019. Quantity in 1000 pieces

County	Dead	Rejected	Escapes	Others	Total
Finnmark	0	0	0	0	0
Troms	15	0	0	0	15
Nordland	83	0	0	0	83
Trøndelag	169	1	0	13	183
Møre og Romsdal	230	12	0	-60	182
Sogn og Fjordane	901	51	0	41	993
Hordaland	1 719	267	0	124	2 110
Rogaland	77	0	0	0	77
Øvrige fylker	32	1	0	0	33
Total	3 227	332	0	119	3 678

Table 22. Losses in the production of other fish species in 2019. Quantity in 1000 pieces

County	Dead	Rejected	Escapes	Others	Total
Finnmark and Troms	1	0	0	0	2
Nordland	49	22	8	0	78
Trøndelag	10	0	0	0	10
Møre og Romsdal	0	0	0	0	0
Sogn og Fjordane	35	9	0	0	44
Hordaland	28	0	0	0	28
Rogaland og øvrige fylker	139	6	0	16	162
Total	263	37	8	17	324

7. Cleaner fish (preliminary figures for 2019)

Source: The Directorate of Fisheries

Use of cleaner fish

Figure 10. Number of cleaner fish in the cages with Atlantic salmon and rainbow trout 2009-2019

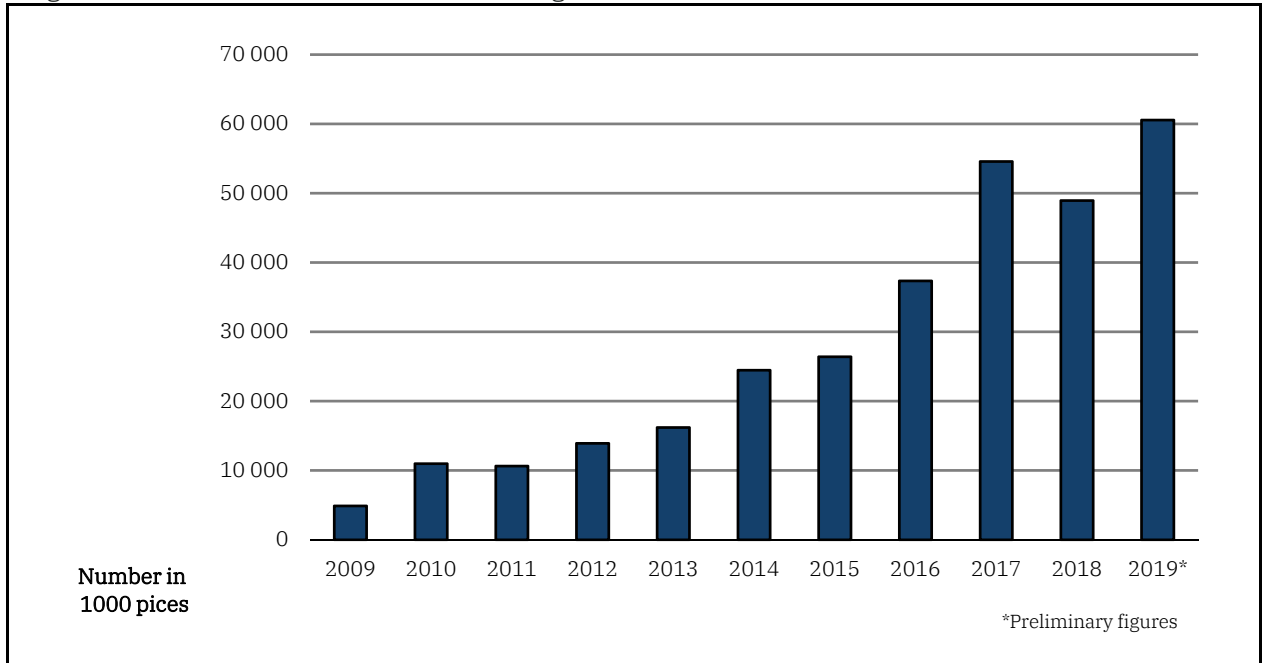


Figure 11. Percentage of farmed and wild catch cleaner fish with Atlantic salmon and rainbow trout 2012-2019

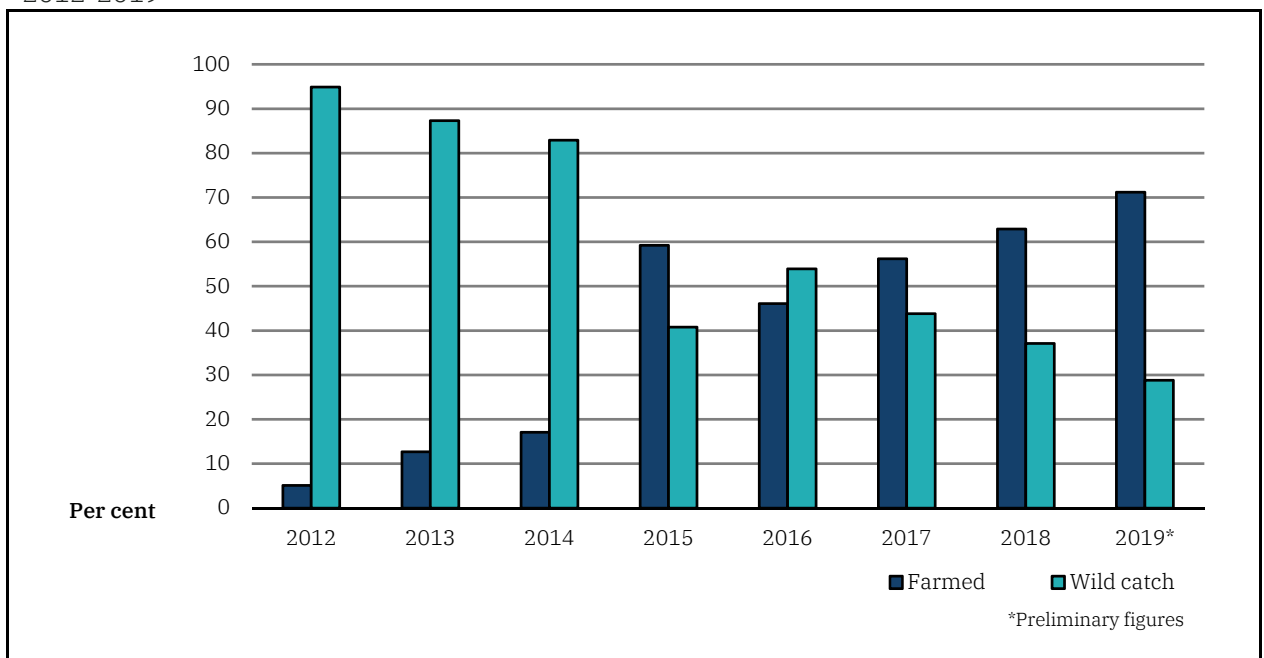


Table 23. Number of cleaner fish (farmed and wild catch) in the cages with Atlantic salmon and rainbow trout in 2019. Numbers in 1000 pieces and value in 1000 NOK

County	Number	Value
Finnmark and Troms	4 485	99 033
Nordland	4 383	87 047
Trøndelag	12 136	264 735
Møre og Romsdal	7 492	172 056
Sogn og Fjordane	3 695	83 744
Hordaland	19 736	398 826
Rogaland	7 533	172 135
Øvrige fylker	1 106	27 377
Total	60 565	1 304 954

Table 24. Total number of cleaner fish (farmed and wild catch) in the cages with Atlantic salmon and rainbow trout by species in 2019. Number in 1000 pieces and value in 1000 NOK

Species	Number	Value
Lumpfish	42 668	935 020
Ballan wrasse	2 170	89 860
Gold-Sinny wrasse	7 895	149 684
Corkwing wrasse	7 278	122 346
Rock cook	554	8 044
Non specified	0	0
Total	60 565	1 304 954

Farmed cleaner fish

Table 25. Sale of farmed cleaner fish to producers of Atlantic salmon and rainbow trout. Numbers in 1000 pieces and value in 1000 NOK

County	Number	Value
Ballan wrasse	681	47 122
Lumpfish	38 336	803 978
Other species	0	0
Total	39 017	851 100

8. Export

Source: Norwegian Seafood Council

Figure 12. Main markets for Atlantic salmon in 2019

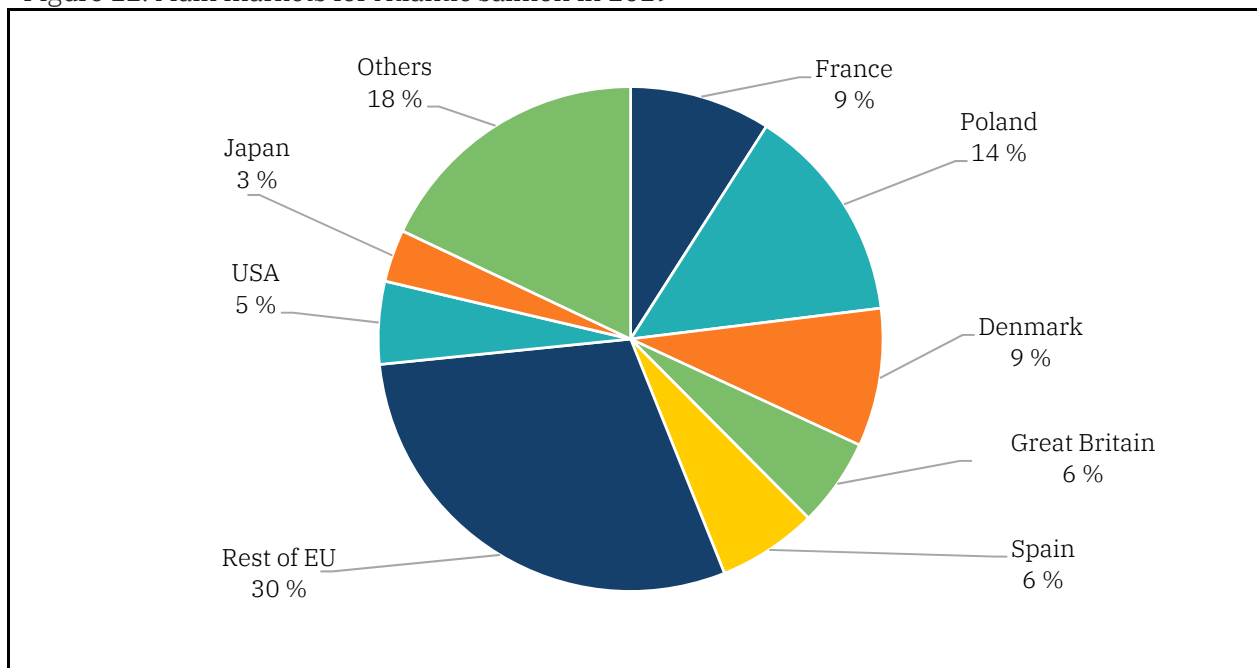


Table 26. Export of Atlantic salmon specified by country. Weight in metric tons (round weight) and value in mill. NOK

Salmon, round	2018			2019			Changes (%)	
	Weight	Value	NOK/kg	Weight	Value	NOK/kg	Weight	Value
France	129 405	7 114	54,97	116 161	6 436	55,41	-10 %	-10 %
Poland	169 956	8 771	51,61	179 832	9 205	51,18	6 %	5 %
Denmark	99 419	5 208	52,38	113 821	5 789	50,86	14 %	11 %
Great Britain	77 695	4 303	55,38	72 549	3 978	54,83	-7 %	-8 %
Spain	73 446	4 043	55,05	81 903	4 517	55,15	12 %	12 %
Rest of EU	358 046	19 978	55,80	378 371	20 806	54,99	6 %	4 %
EU	907 967	49 417	54,43	942 637	50 730	53,82	4 %	3 %
USA	66 805	4 507	67,47	67 988	5 078	74,68	2 %	13 %
Japan	41 214	2 453	59,51	43 152	2 810	65,11	5 %	15 %
South-Korea	29 738	1 927	64,79	32 321	2 154	66,64	9 %	12 %
Others countries	161 112	9 424	58,49	198 304	11 680	58,90	23 %	24 %
Total	1 206 836	67 728	56,12	1 284 402	72 451	56,41	6 %	7 %

Table 27. Export of Atlantic salmon specified by product. Weight in metric tons (round weight) and value in mill. NOK

Product	2018			2019			Changes (%)	
	Weight	Value	NOK/kg	Weight	Value	NOK/kg	Weight	Value
Fresh fish	990 311	54 128	54,66	1 044 584	56 572	54,16	5 %	5 %
Fresh filet	119 694	7 464	62,36	131 108	8 870	67,65	10 %	19 %
Frozen fish	19 796	1 055	53,30	23 082	1 222	52,95	17 %	16 %
Frozen filet	64 482	4 250	65,91	64 482	4 250	65,91	0 %	0 %
Other products	12 554	830	66,11	21 146	1 536	72,65	68 %	85 %
Total	1 206 836	67 728	56,12	1 284 402	72 451	56,41	6 %	7 %

Figure 13. Main markets for rainbow trout in 2019

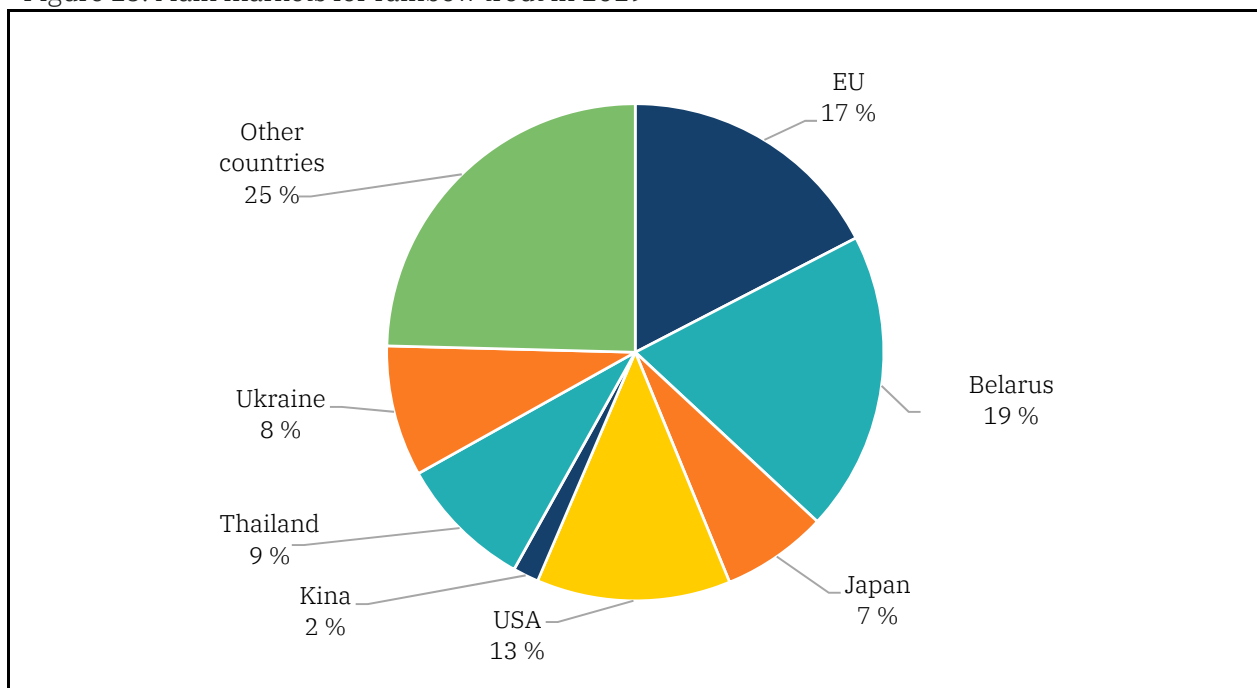


Table 28. Export of rainbow trout specified by country. Weight in metric tons (round weight) and value in mill. NOK

Rainbow trout, round	2018			2019			Changes (%)	
	Weight	Value	NOK/kg	Weight	Value	NOK/kg	Weight	Value
EU	12 832	592	46,13	12 633	577	45,66	-2 %	-3 %
Belarus	9 702	500	51,53	14 188	678	47,81	46 %	36 %
Japan	5 195	267	51,31	5 001	274	54,78	-4 %	3 %
USA	6 903	421	61,00	9 171	534	58,18	33 %	27 %
Kina	1 744	84	48,05	1 218	58	47,24	-30 %	-31 %
Thailand	3 811	200	52,44	6 380	327	51,19	67 %	63 %
Ukraine	3 015	147	48,65	6 192	248	40,10	105 %	69 %
Other countries	13 097	767	58,54	17 862	981	54,94	36 %	28 %
Total	56 298	2 976	52,87	72 644	3 676	50,61	29 %	24 %

Table 29. Export of rainbow trout specified by product. Weight in metric tons (round weight) and value in mill. NOK

Product	2018			2019			Changes (%)	
	Weight	Value	NOK/kg	Weight	Value	NOK/kg	Weight	Value
Fresh fish	34 531	1 775	51,40	45 070	2 210	49,04	31 %	25 %
Fresh filet	5 122	317	61,92	7 281	457	62,76	42 %	44 %
Frozen fish	11 442	533	46,57	13 999	621	44,39	22 %	17 %
Frozen filet	2 501	112	44,76	3 602	139	38,66	44 %	24 %
Other products	2 702	239	88,60	2 692	248	92,27	0 %	4 %
Total	56 298	2 976	52,87	72 644	3 676	50,61	29 %	24 %

9. Economic results

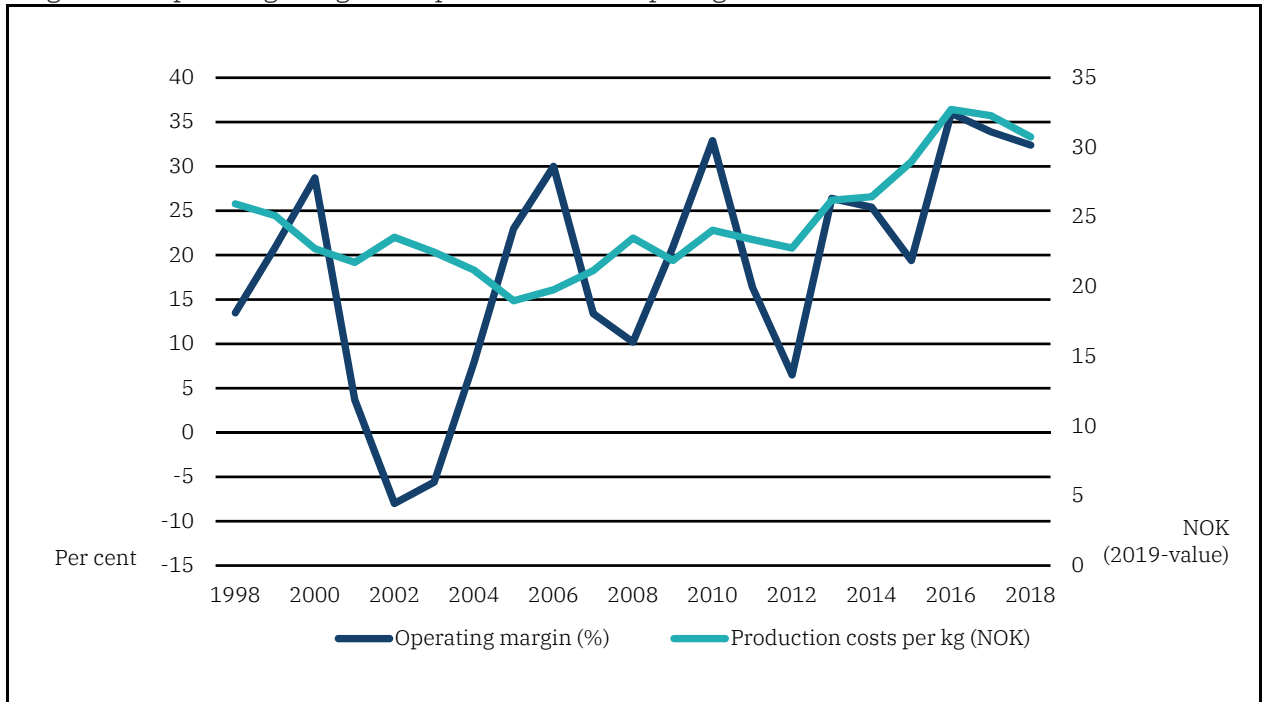
Source: The Directorate of Fisheries

Definitions:

Operating Margin = (Operating Profit / Operating Revenues) * 100

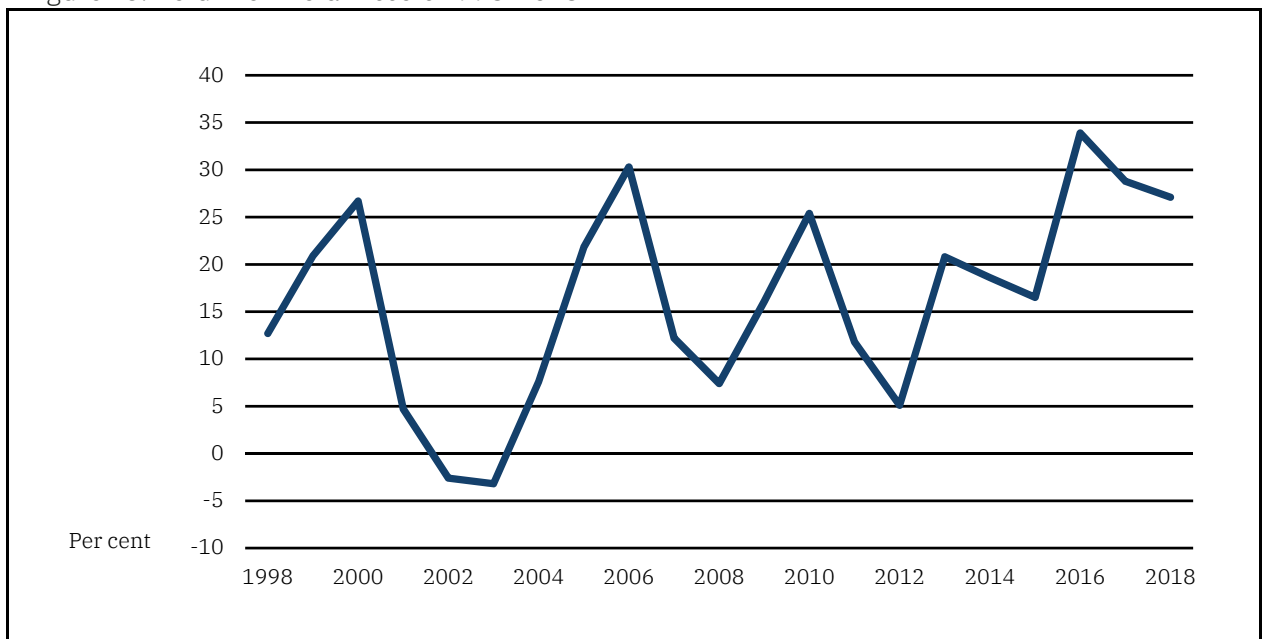
Return on Total Assets = ((Operating Profit + Financial Revenues) / Total Assets) * 100

Figure 14. Operating margin and production costs per kg 1998-2018¹⁾



¹⁾ Average figures for companies with grow out production of Atlantic salmon and rainbow trout

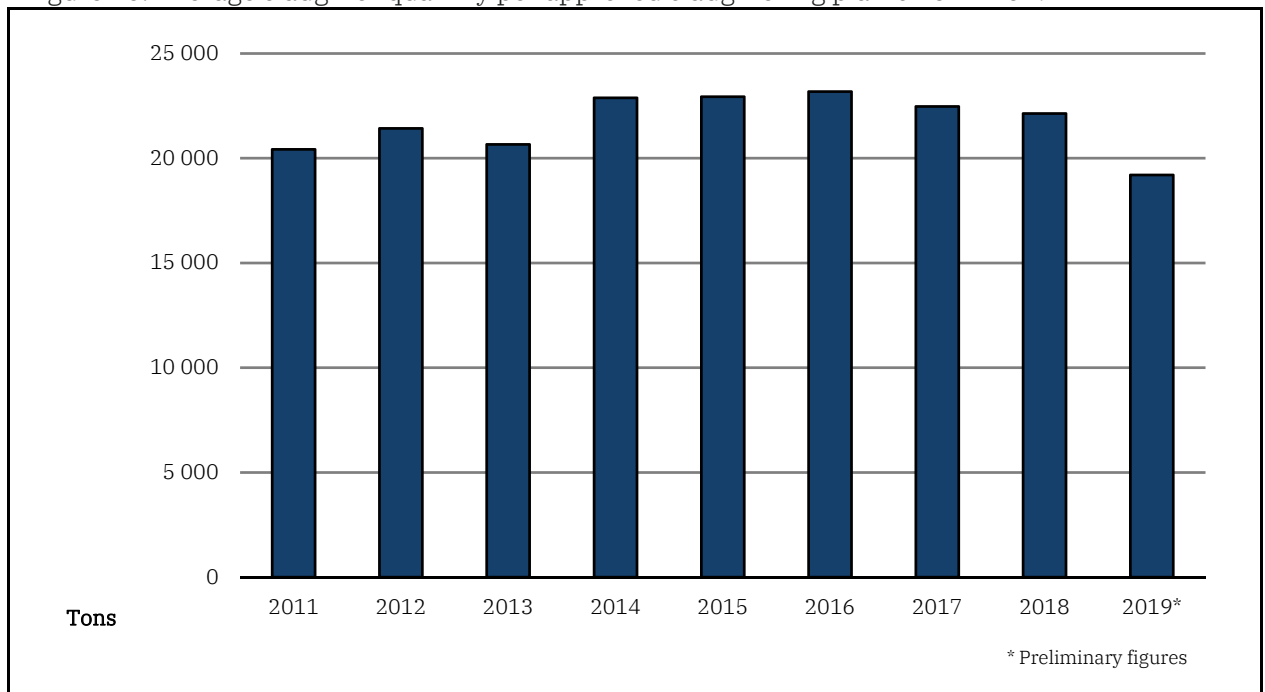
Figure 15. Return on Total Assets 1998-2018



10. Approved slaughtering plants for salmonids

Source: The Norwegian Food Safety Authority

Figure 16. Average slaughter quantity per approved slaughtering plants 2011-2019



Average slaughtered quantity per approved slaughtering plant is defined as total slaughtered quantity divided by the number of slaughtering plants for salmonids. The number of slaughtering plants in operation is unknown.

Table 30. The number of approved slaughtering plants for farmed salmonids

County	2015	2016	2017	2018	2019
Finnmark	4	4	4	4	4
Troms	9	8	8	8	8
Nordland	15	14	14	13	13
Trøndelag	9	9	9	10	11
Møre og Romsdal	5	5	5	5	6
Sogn og Fjordane	3	3	4	4	5
Hordaland	10	9	9	13	23
Rogaland	4	4	4	3	3
Øvrige fylker	1	1	1	1	2
Total	60	57	58	61	75

11. Related activities

Insurance

Source: Finance Norway (FNO)

Table 31. Insurance of farmed fish in Norway. Amount in mill NOK

	2015	2016	2017	2018	2019
Premium	196.9	203.6	220.7	222.2	226,0
Compensation	239.9	144.3	211.0	178.4	271,7
Accident index	122 %	71 %	96 %	80 %	120 %

Use of veterinary drugs

Source: Norwegian Institute of Public Health

Table 32. Use of veterinary drugs¹⁾ in the Norwegian fish farming industry. Quantity in kg

	2015	2016	2017	2018	2019
Antibacterial agents	301	212	626	933	213
Anaesthetic agents	22 082	17 057	15 422	13 670	16 536
Agents against intestinal worms	942	518	380	171	50
Agents against surface infections	1 733	41 472	48 040	42 714	43 049
Agents against lice	12 768	10 625	2 450	779	1 757
Hydrogen peroxide	43 246 000	26 597 000	9 277 000	6 735 000	4 523 000

Use of feed

Source: Norwegian Seafood Federation

Table 33. Use of feed in the Norwegian fish farming industry. Quantity in metric tons

Month	2015	2016	2017	2018	2019
January	115 335	107 609	117 177	111 245	119 328
February	88 250	86 263	89 099	91 459	94 181
March	99 155	87 864	91 738	85 777	96 932
April	96 633	88 279	93 215	84 004	116 947
May	102 581	111 960	111 428	127 722	137 246
June	135 984	137 601	146 339	150 674	155 564
July	180 168	178 012	185 712	186 799	200 457
August	212 812	221 308	235 135	225 058	227 255
September	211 163	210 611	215 768	209 187	224 865
October	195 379	177 491	223 144	221 382	205 478
November	169 670	164 829	175 905	195 630	168 718
December	139 321	137 085	144 577	152 454	147 794
Total	1 746 451	1 708 912	1 829 236	1 841 391	1 894 766



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