



FISKERIDIREKTORATET

Nøkkeltall fra norsk havbruksnæring

Key figures from aquaculture
industry

2015



Livet i havet – vårt felles ansvar



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Foreword:

In this publication, the Norwegian Directorate of Fisheries presents key figures from the Norwegian Aquaculture industry in 2015. The Directorate of Fisheries provide main part of the statistical material in this report, but some statistics is by external sources.

The report contains information about all species farmed in the Norwegian Aquaculture industry. Information is in four groups. One group contains information about Atlantic salmon and Rainbow trout. Another group contains information about other marine 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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Licences

Source: The Directorate of Fisheries

Figure 1. The number of licences 2005-2015

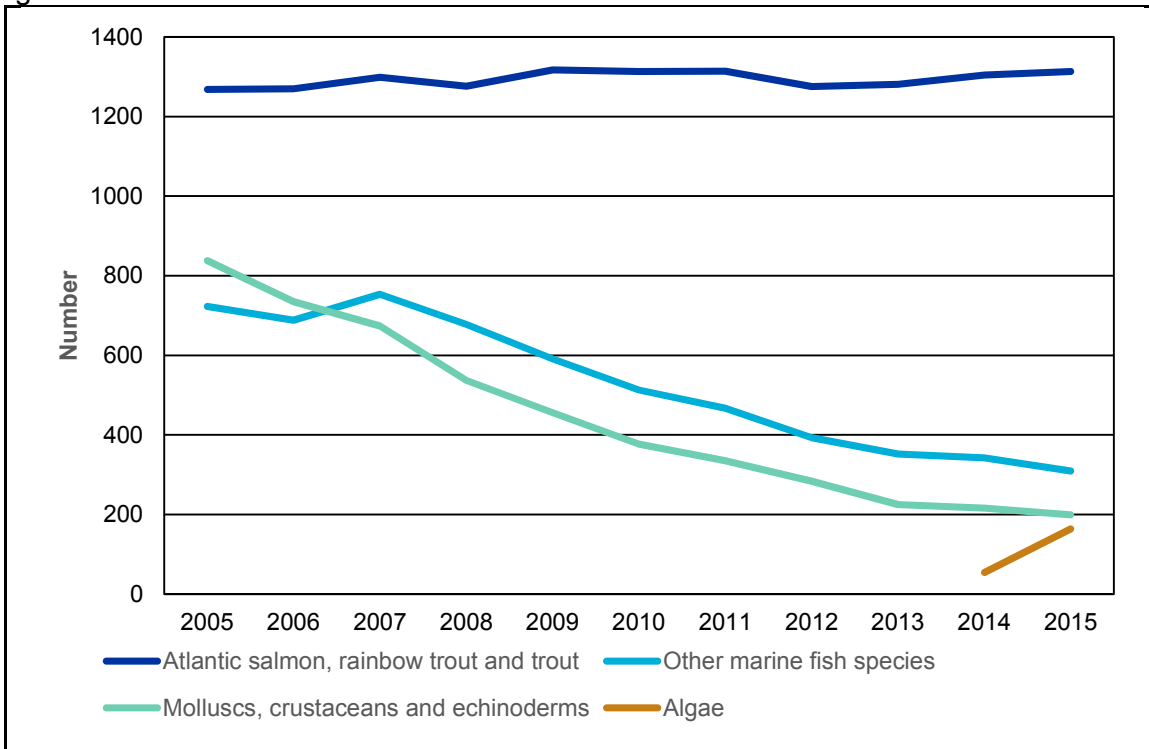
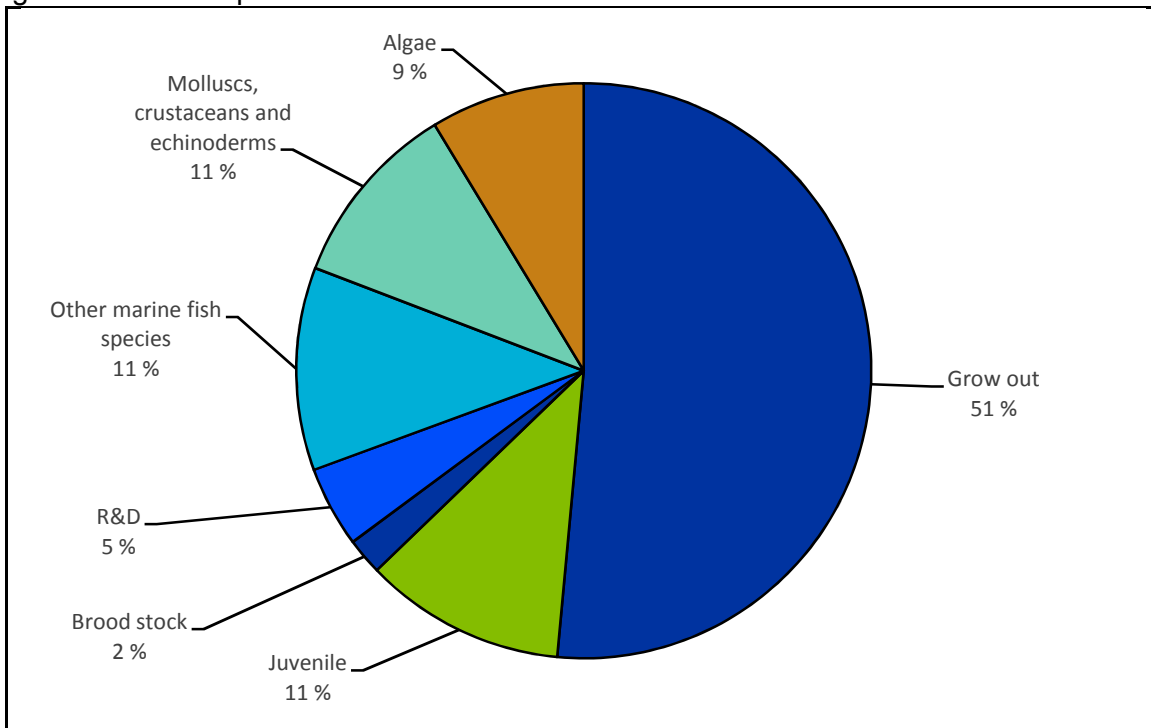


Figure 2. Licences per 31 December 2015



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 2015, Atlantic salmon, rainbow trout and trout

County	Juvenile Number of licenses	Grow out Number of licenses	Brood stock Number of licenses	R & D ¹⁾ Number of licenses
Finnmark	6	91	0	2
Troms	11	96	1	8
Nordland	31	168	7	18
Nord-Trøndelag	16	71	2	11
Sør-Trøndelag	19	96	7	5
Møre og Romsdal	31	114	6	9
Sogn og Fjordane	18	87	3	1
Hordaland	55	157	6	15
Rogaland	17	58	4	12
Vest-Agder	3	16	0	0
Aust-Agder	1	4	1	0
Øvrige Fylker	6	16	2	5
Total	214	974	39	86

1) Research (R&D)

Table 2. The number of licenses per 31 December 2015, other marine fish species, molluscs, crustaceans, echinoderms, sea ranching and algae

County	Fish Number of licenses	Molluscs, crustaceans and echinoderms Number of licenses	Sea Ranching Number of licenses	Algae Number of licenses
Finnmark	22	5	0	0
Troms	18	9	0	0
Nordland	58	34	2	61
Nord-Trøndelag	24	22	0	11
Sør-Trøndelag	19	22	3	6
Møre og Romsdal	32	12	1	1
Sogn og Fjordane	26	10	0	15
Hordaland	56	33	1	69
Rogaland	37	18	4	1
Vest-Agder	5	4	2	0
Aust-Agder	3	22	0	0
Øvrige Fylker	9	8	0	0
Total	309	199	13	164

Table 3. The number of licenses per 31 December 2015 for other marine fish species, molluscs, crustaceans and echinoderms and algae distributed by species

Other marine fish species		Molluscs, crustaceans and echinoderms		Algae	
Species	No.	Species	No.	Species	No.
Atlantic haddock	19	Blue mussel	134	Sea belts	30
Atlantic halibut	75	European lobster	24	Tangle	27
Turbot	27	Great Atlantic scallop	42	Dabber locks	28
Wrasse	111	Sea urchin	25	Dulse	17
Lumpfish	58	Flat and cupped oyster	53	Other species	88
Arctic char	40	Other species	155		
Wolf fish	55				
Atlantic cod	135				
Other species	360				

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

2. Sites

Source: The Directorate of Fisheries

Table 4. The number of sites in seawater per 31 December 2015

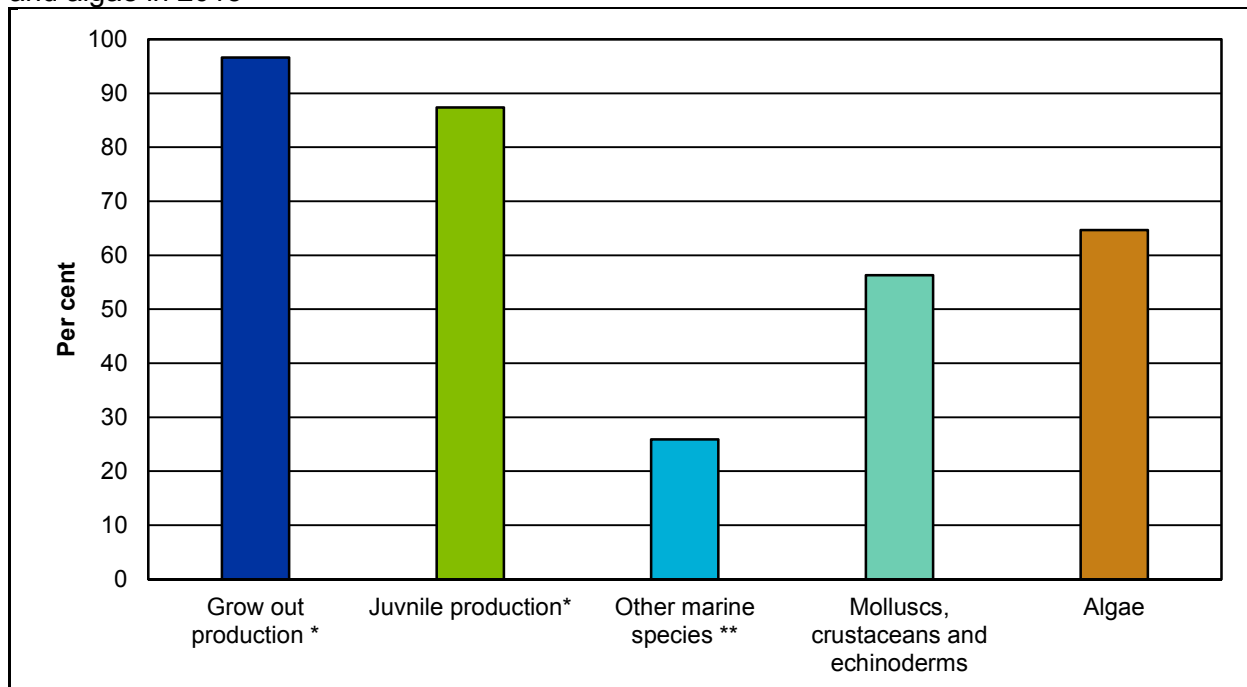
	Atlantic salmon and rainbow trout	Other marine fish species	Molluscs, crustaceans and echinoderms
County	Number	Number	Number
Finnmark	72	6	0
Troms	106	7	3
Nordland	214	19	32
Nord-Trøndelag	60	5	21
Sør-Trøndelag	96	3	20
Møre og Romsdal	86	9	3
Sogn og Fjordane	88	8	10
Hordaland	186	9	30
Rogaland	70	10	7
Vest-Agder	10	1	3
Aust-Agder	2	0	21
Øvrige fylker	0	2	1
Total	990	79	151

3. Licenses and companies with production

Source: The Directorate of Fisheries

Preliminary figures for 2015 (per June 2016)

Figure 3. The percentage of licenses with production of fish, molluscs, crustaceans, echinoderms and algae in 2015



* Atlantic salmon, rainbow trout and trout

** Grow out production

Table 5. The number of companies with production of fish in 2015

County	Atlantic salmon, rainbow trout and trout		Other marine fish species	
	Grow out	Juvenile	Grow out	Juvenile
Finnmark	5	3	0	0
Troms	16	7	0	1
Nordland	31	16	13	7
Nord-Trøndelag	11	10	4	3
Sør-Trøndelag	9	9	3	4
Møre og Romsdal	14	19	7	7
Sogn og Fjordane	15	13	3	1
Hordaland	32	25	5	6
Rogaland	16	12	5	2
Øvrige fylker	11	5	4	3
Total	160	119	44	34

Table 6. The number of companies with production of molluscs, crustaceans, echinoderms and algae in 2015

County	Molluscs, crustaceans and echinoderms	Algae
Finnmark	0	0
Troms	2	0
Nordland	4	2
Nord-Trøndelag	8	2
Sør-Trøndelag	5	1
Møre og Romsdal	5	0
Sogn og Fjordane	4	1
Hordaland	18	4
Rogaland	6	0
Øvrige fylker	6	0
Total	58	10

4. Employment

Source: The Directorate of Fisheries

Preliminary figures for 2015 (per June 2016)

Figure 4. Number of employees working with production of fish, molluscs, crustaceans and echinoderms 2005-2015

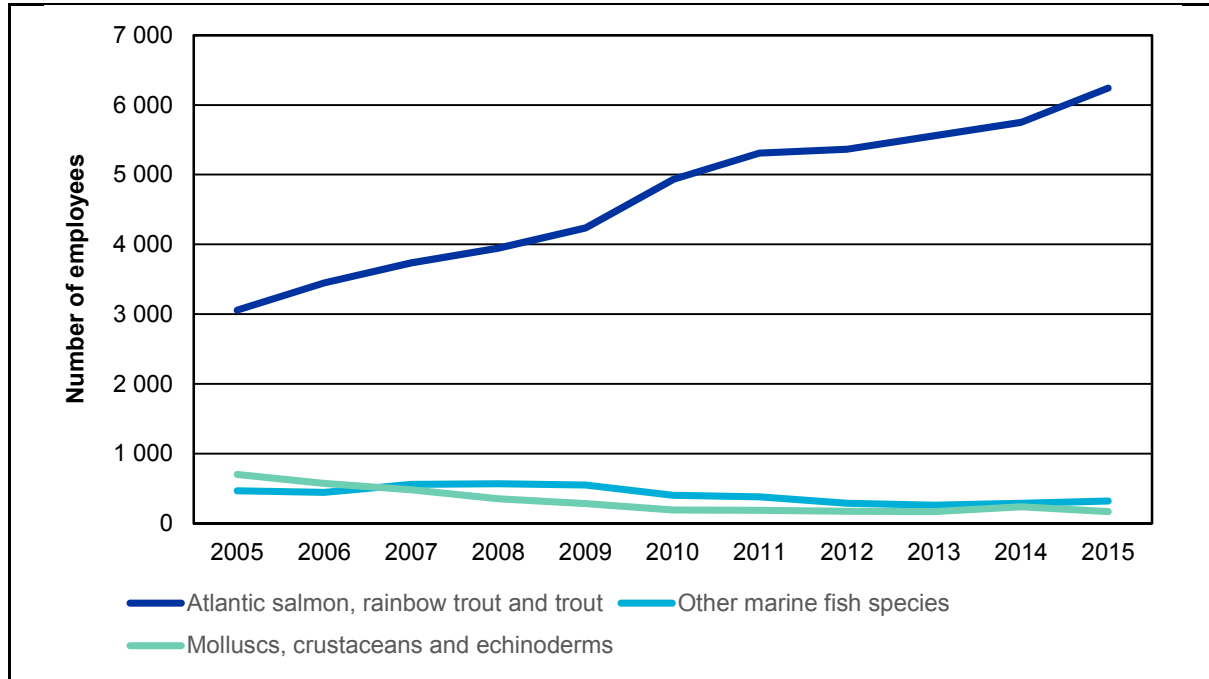
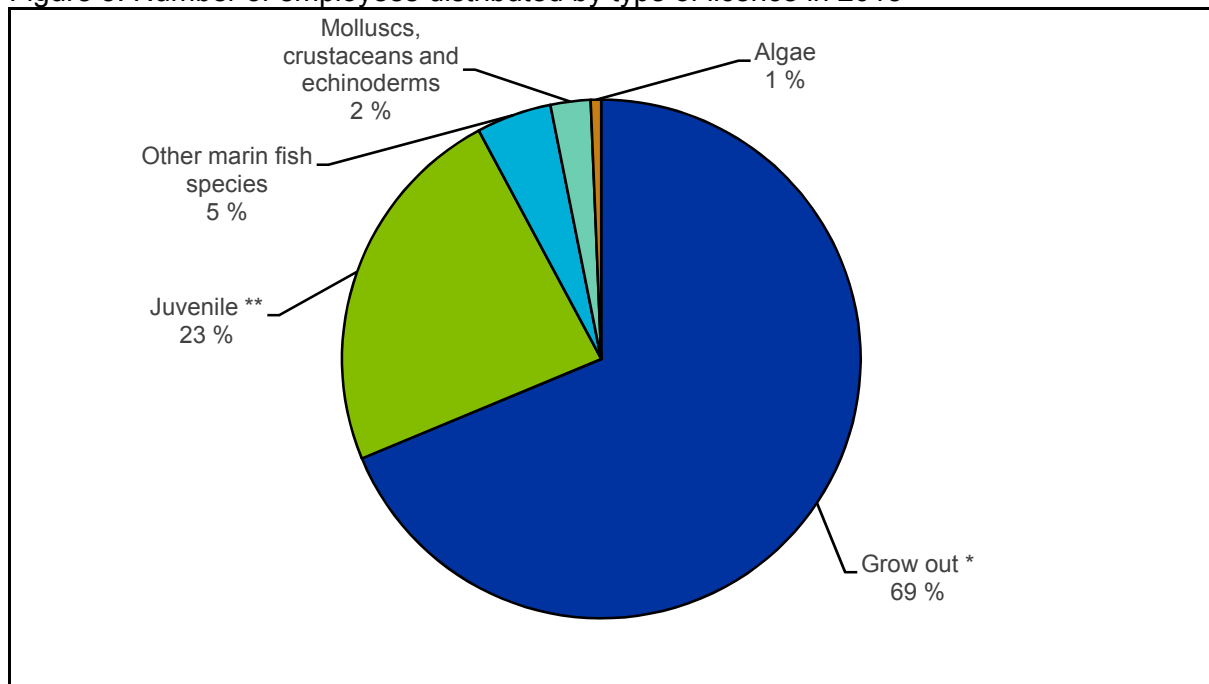


Figure 5. Number of employees distributed by type of licence in 2015



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

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

Atlantic salmon and rainbow trout

Preliminary figures for 2015 (per June 2016)

Table 7. Employment in the production of Atlantic salmon, rainbow trout and trout in 2015

County	Grow out fish, brood stock, R&D		Juvenile fish	
	Men	Women	Men	Women
Finnmark	313	44	37	19
Troms	463	69	55	12
Nordland	654	77	183	69
Nord-Trøndelag	253	33	96	20
Sør-Trøndelag	434	41	96	62
Møre og Romsdal	411	29	181	67
Sogn og Fjordane	310	60	83	45
Hordaland	938	151	254	152
Rogaland	276	34	90	52
Øvrige fylker	60	6	12	1
Total	4 111	544	1 087	499

Table 8. Man-Hours¹⁾ in the production of Atlantic salmon, rainbow trout and trout in 2015

County	Grow out fish, brood stock R&D		Juvenile fish	
	Men	Women	Men	Women
Finnmark	515 939	53 793	53676	20525
Troms	682 427	71 426	95 362	11 271
Nordland	947 889	94 628	264 013	80 978
Nord-Trøndelag	420 418	33 761	155 092	28 721
Sør-Trøndelag	740 604	64 954	155 963	91 198
Møre og Romsdal	648 554	36 840	248 975	62 566
Sogn og Fjordane	436 764	63 397	90 469	31 876
Hordaland	1 196 638	136 357	317 521	111 203
Rogaland	367 985	42 053	109 759	34 514
Øvrige fylker	73 416	1 330	15 291	1 800
Total	6 030 634	598 539	1 506 121	474 652

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

Other marine fish species

Preliminary figures for 2015 (per June 2016)

Table 9. Employment in the production of other marine fish species in 2015

County	Grow out production		Juvenile	
	Men	Women	Men	Women
Finnmark og Troms	0	0	:	:
Nordland	23	4	23	6
Trøndelag	5	0	23	8
Møre og Romsdal	7	3	35	16
Sogn og Fjordane	2	1	:	:
Hordaland	11	7	40	13
Rogaland og øvrige fylker	28	6	17	17
Total	76	21	150	71

Table 10. Man-Hours¹⁾ in the production of other marine fish species in 2015

County	Grow out production		Juvenile	
	Men	Women	Men	Women
Finnmark og Troms	0	0	:	:
Nordland	22 425	3 472	28 550	4 425
Trøndelag	5 276	0	38 773	12 326
Møre og Romsdal	9 345	2 770	39 710	10 375
Sogn og Fjordane	3 000	500	:	:
Hordaland	8 517	8 500	63 646	18 510
Rogaland og øvrige fylker	38 750	5 565	20 862	23 680
Total	87 313	20 807	207 191	82 696

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

Molluscs, crustaceans and echinoderms

Preliminary figures for 2015 (per June 2016)

Table 11. Employment in the production of molluscs, crustaceans and echinoderms in 2015

County	Employees		Hours ¹⁾	
	Men	Women	Men	Women
Finnmark og Troms	:	:	:	:
Nordland	4	1	2 106	60
Trøndelag	70	17	11 388	20 579
Møre og Romsdal	7	4	720	625
Sogn og Fjordane	:	:	:	:
Hordaland	28	4	7 285	1 130
Rogaland og øvrige fylker	18	5	7 195	1 350
Total	136	34	36 221	24 254

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

Algae

Preliminary figures for 2015 (per June 2016)

Table 12. Employment in the production of algae in 2015

	Employees		Hours ¹⁾	
	Men	Women	Men	Women
Total	32	12	6 746	3 551

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

5. Sale

Source: The Directorate of Fisheries

Atlantic salmon and rainbow trout

Preliminary figures for 2015 (per June 2016)

Figure 6. Sale of Atlantic salmon and rainbow trout (grow out production) 2005-2015

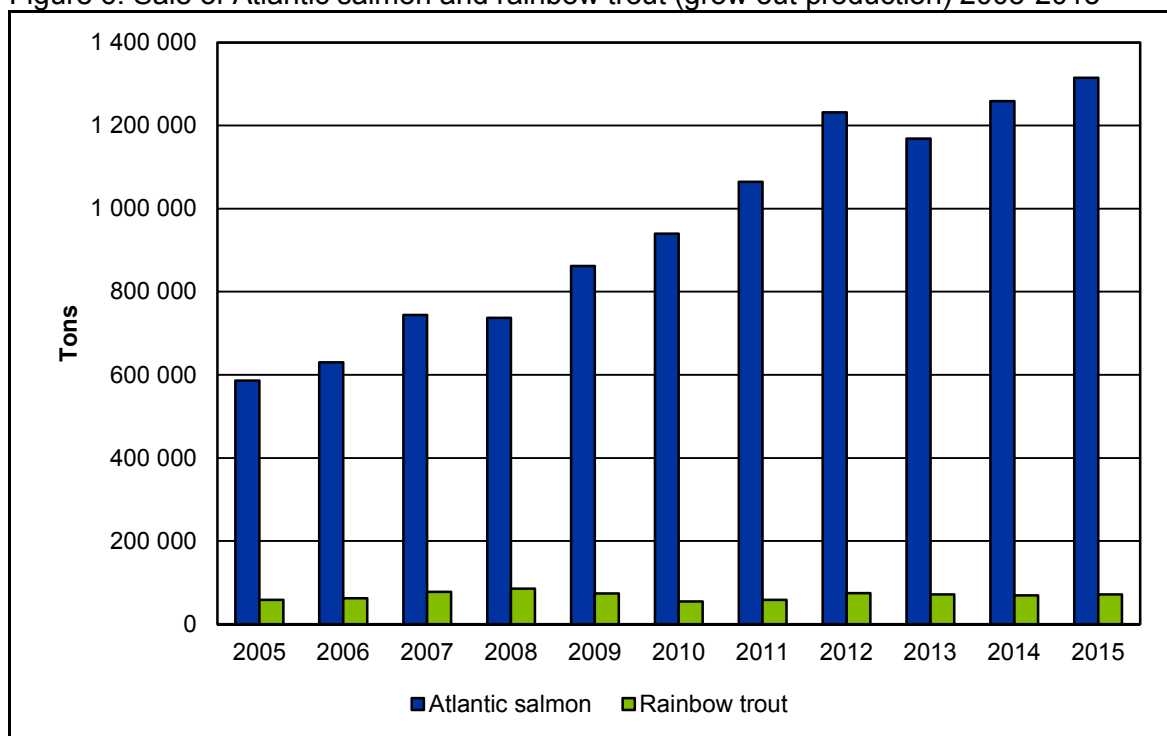


Table 13. Sale of Atlantic salmon and Rainbow trout in 2015, weight in metric tons round weight and value in 1000 NOK

County	Grow out production					
	Atlantic salmon			Rainbow trout		
	Weight	Value	Price per kg	Weight	Value	Price per kg
Finnmark	91 224	3 068 014	33,63	0	0	-
Troms	175 965	5 966 918	33,91	4 276	133 209	31,15
Nordland	263 670	9 308 502	35,30	4 769	147 680	30,97
Nord-Trøndelag	105 781	3 499 225	33,08	0	0	-
Sør-Trøndelag	142 527	4 617 923	32,40	553	14 369	26,00
Møre og Romsdal	171 091	5 660 827	33,09	8 070	279 348	34,62
Sogn og Fjordane	102 249	3 441 494	33,66	18 642	468 019	25,11
Hordaland	163 437	5 378 152	32,91	35 448	1 135 606	32,04
Rogaland	82 309	2 827 306	34,35	48	1 300	27,09
Øvrige fylker	16 332	554 664	33,96	100	4 928	49,38
Total	1 314 584	44 323 026	33,72	71 905	2 184 460	30,38

Figure 7. Sale of juvenile fish of Atlantic salmon and rainbow trout 2005-2015

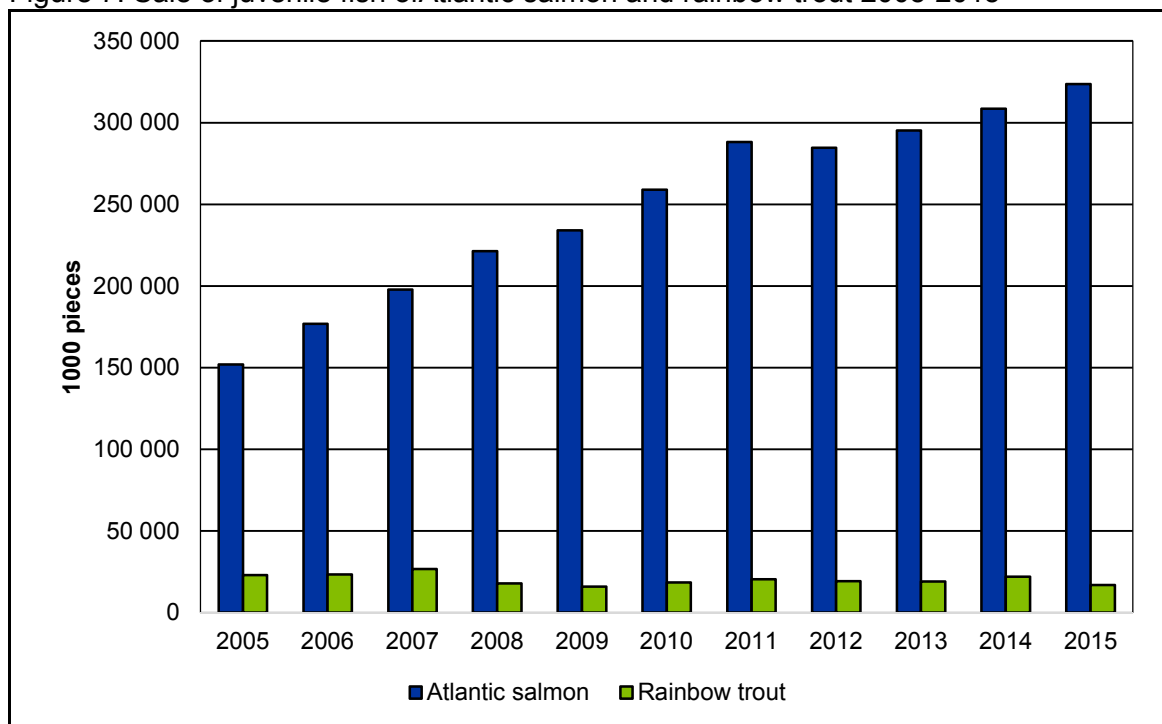


Table 14. Sale of juvenile fish of Atlantic salmon and rainbow trout in 2015. Quantity in 1000 pieces and value in 1000 NOK

County	Juvenile fish					
	Atlantic salmon			Rainbow trout		
	No.	Value	Price per no.	No.	Value	Price per no.
Finnmark og Troms	23 784	242 552	10,20	0	0	-
Nordland	81 714	787 244	9,63	1 316	13 911	10,57
Nord-Trøndelag	39 127	378 630	9,68	388	4 350	11,21
Sør-Trøndelag	33 758	321 270	9,52	490	5 771	11,78
Møre og Romsdal	55 326	493 718	8,92	501	5 010	10,00
Sogn og Fjordane	15 816	170 112	10,76	3 842	35 913	9,35
Hordaland	55 240	628 841	11,38	7 072	72 797	10,29
Rogaland	14 657	136 366	9,30	3 205	35 323	11,02
Øvrige fylker	4 267	43 047	10,09	158	1 325	8,39
Total	323 689	3 201 780	9,89	16 972	174 400	10,28

Figure 8. Percentage of sale (Atlantic salmon and rainbow trout) for the 10 largest companies 2005-2015

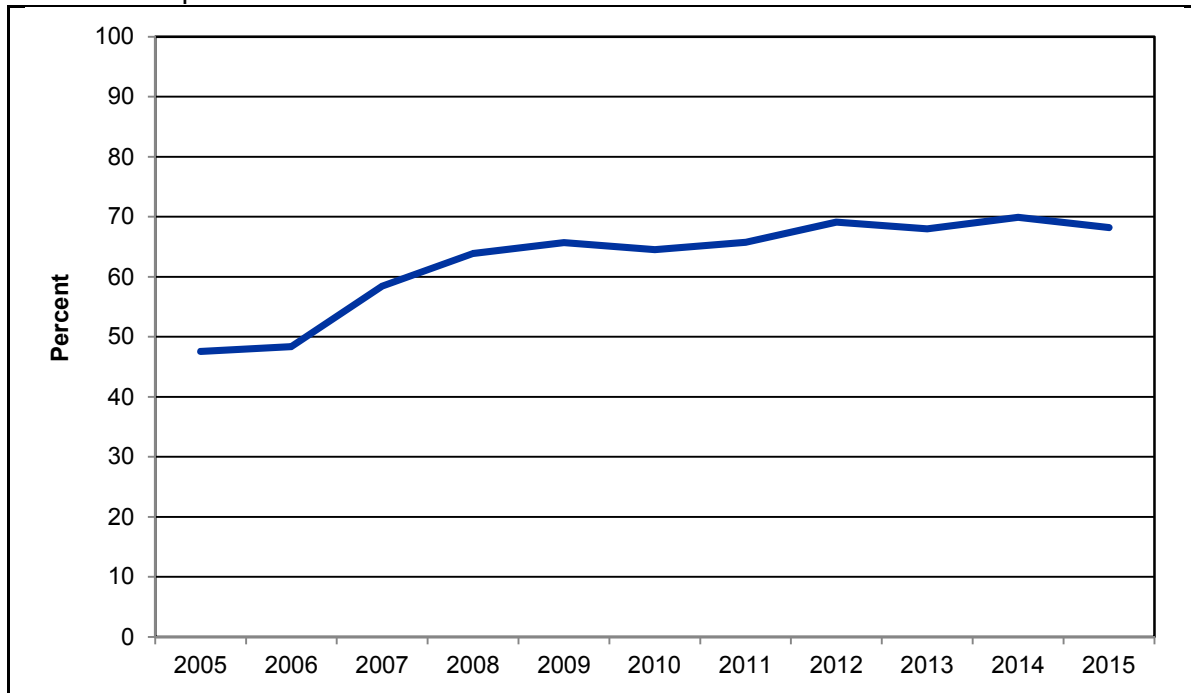


Table 15. Percentage of sale (Atlantic salmon and rainbow trout) for the 10 largest companies in Norway. Weight in tons

Year	Total sale	10 largest	Percentage
2005	645 387	307 065	47,6
2006	692 591	335 161	48,4
2007	821 687	480 257	58,4
2008	822 960	525 830	63,9
2009	936 980	615 803	65,7
2010	994 113	641 551	64,5
2011	1 123 340	739 357	65,8
2012	1 306 678	871 660	69,1
2013	1 239 762	843 165	68,0
2014	1 327 266	927 983	69,9
2015	1 386 489	945 399	68,2

Other marine fish species

Preliminary figures for 2015 (per June 2016)

Figure 9. Sale of other marine fish species 2005-2015

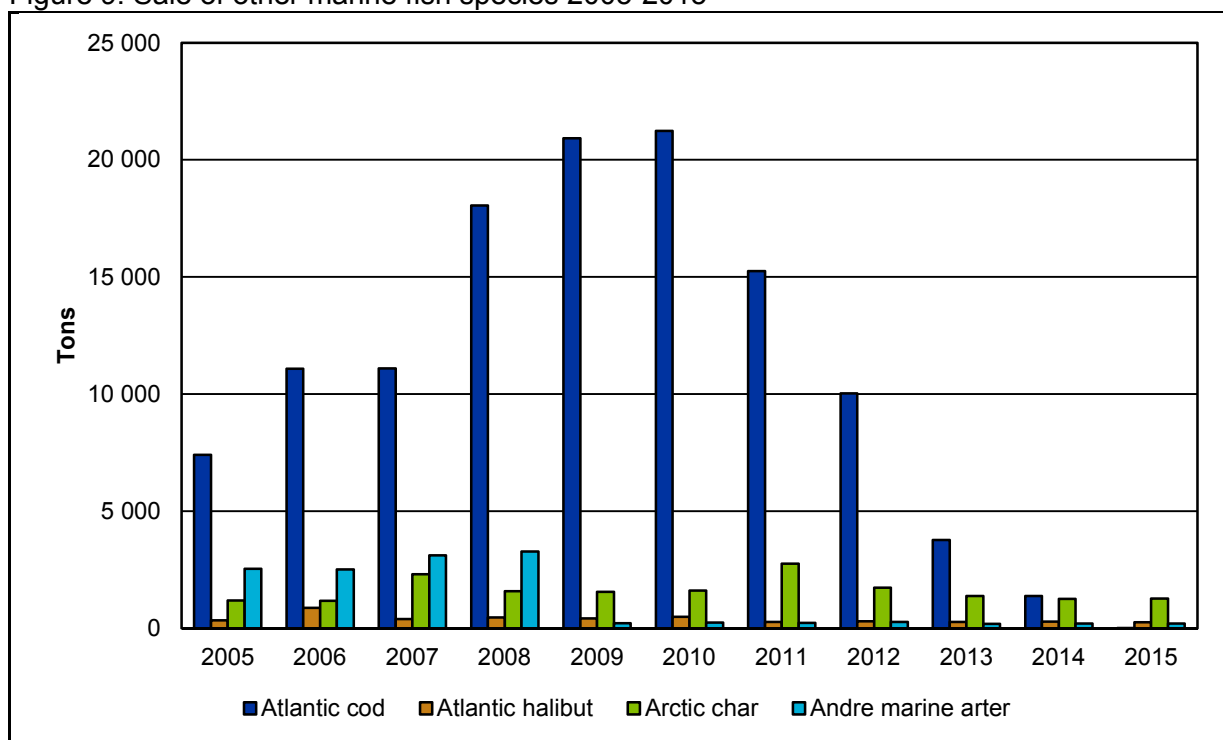


Table 16. Sale of other marine fish species in 2015. Weight in metric tons round weight and value in 1000 NOK

County	Weight	Value	Species	Weight	Value
Finnmark og Troms	0	0	Atlantic cod	5	174
Nordland	456	29 707	Arctic char	257	15 762
Trøndelag	14	1 235	Atlantic halibut	1 277	145 293
Møre og Romsdal	525	68 727	Other species	206	16 344
Sogn og Fjordane	66	6 028	Total	1 745	177 573
Hordaland	0	0			
Rogaland og øvrige fylker	684	71 877			
Total	1 745	177 573			

Table 17. Sale of juveniles of other marine fish species in 2015. Quantity in 1000 pieces and value in 1000 NOK

Species	Number	Value
Atlantic cod	260	1 300
Arctic char	543	333
Atlantic halibut	240	36 992
Other species	30	600
Total	1 073	39 226

Molluscs, crustaceans and echinoderms

Preliminary figures for 2015 (per June 2016)

Figure 10. Gross sale of molluscs, crustaceans and echinoderms 2005-2015

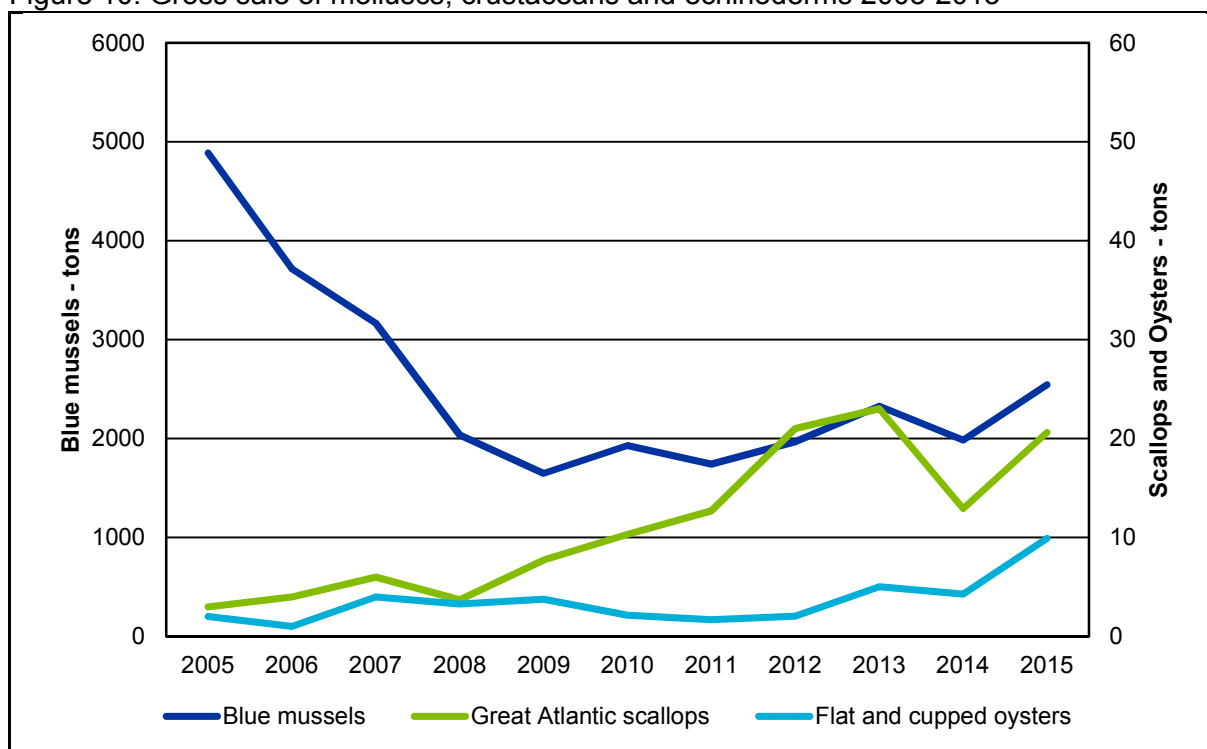


Table 18. Gross sale of molluscs, crustaceans and echinoderms in 2015. Weight in metric tons and value in 1000 NOK

County	Weight	Value	Species	Weight	Value
Finnmark og Troms	:	:	Blue mussels	2 545	24 246
Nordland	1	4	Great Atlantic scallops	21	501
Nord-Trøndelag	1 286	11 289	Oysters	10	576
Sør-Trøndelag	1 131	12 417	Other species	11	3 124
Møre og Romsdal	9	2 502	Total	2 587	28 446
Sogn og Fjordane	:	:			
Hordaland	29	1 211			
Rogaland	7	271			
Øvrige fylker	2	141			
Total	2 587	28 446			

6. Losses in the production

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 and other causes.
- Counting mistakes: Number fish adjusted according to original outset numbers.

Atlantic salmon and rainbow trout

Preliminary figures for 2015 (per June 2016)

Table 19. Losses in production of Atlantic salmon in 2015. Quantity in 1000 pieces

County	Dead	Rejected	Escapees	Others	Adjust input	Total
Finnmark	5 435	349	0	181	381	6 345
Troms	4 963	243	2	105	306	5 619
Nordland	7 555	134	19	836	325	8 870
Nord-Trøndelag	2 095	121	15	37	25	2 291
Sør-Trøndelag	5 199	97	1	119	-202	5 215
Møre og Romsdal	4 620	210	2	106	323	5 261
Sogn og Fjordane	3 543	204	37	156	-191	3 749
Hordaland	7 587	1 107	67	200	200	9 160
Rogaland	3 044	1 032	0	60	52	4 188
Øvrige fylker	1 005	138	0	21	-66	1 098
Total	45 046	3 634	143	1 820	1 152	51 795

Table 20. Losses in the production of rainbow trout in 2015. Quantity in 1000 pieces

County	Dead	Rejected	Escapees	Others	Adjust input	Total
Finnmark	0	0	0	0	0	0
Troms	55	0	0	0	28	83
Nordland	312	8	0	5	52	377
Nord-Trøndelag	0	0	0	0	0	0
Sør-Trøndelag	0	0	0	0	0	0
Møre og Romsdal	348	4	0	0	1	353
Sogn og Fjordane	586	35	0	167	-26	762
Hordaland	1 466	170	69	350	-385	1 671
Rogaland	5	0	0	4	0	9
Øvrige fylker	4	1	0	0	0	5
Total	2 776	218	69	527	-330	3 259

Other marine fish species

Preliminary figures for 2015 (per June 2016)

Table 21. Losses in the production of other marine fish species in 2015. Quantity in 1000 pieces.

County	Dead	Rejected	Escapees	Others	Adjust input	Total
Finnmark og Troms	0	0	0	0	0	0
Nordland	41	2	0	0	34	76
Trøndelag	8	169	0	0	0	176
Møre og Romsdal	40	17	0	0	-4	53
Sogn og Fjordane	6	0	0	0	0	6
Hordaland	30	1	0	0	0	31
Rogaland og øvrige fylker	87	13	0	0	1	101
Total	211	201	0	0	31	444

7. Clean fish

Source: The Directorate of Fisheries

Preliminary figures for 2015 (per June 2016)

Figure 11. Number of cleaning fish in the cages with Atlantic salmon and rainbow trout 2005-2015

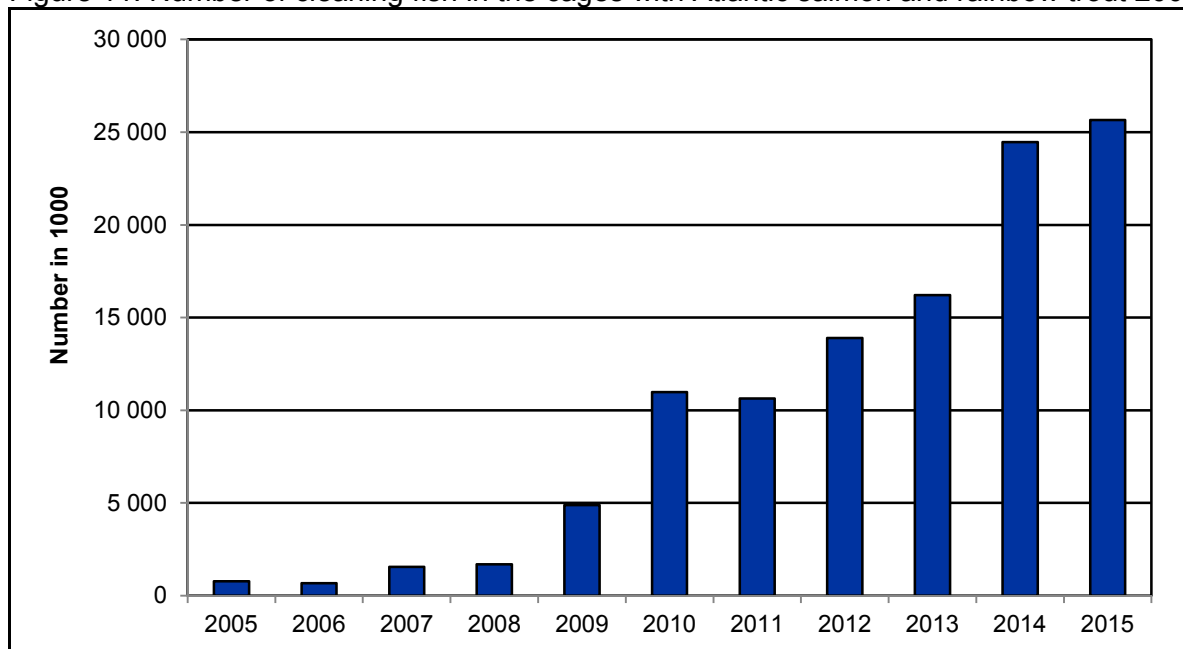


Table 22. Number of cleaning fish in the cages with Atlantic salmon and rainbow trout in 2015. Numbers in 1000 and value in 1000 NOK.

County	No.	Value
Finnmark	40	770
Troms	492	8 676
Nordland	2 270	35 881
Nord-Trøndelag	1 763	30 467
Sør-Trøndelag	4 722	76 080
Møre og Romsdal	2 637	44 446
Sogn og Fjordane	1 772	27 997
Hordaland	9 157	104 718
Rogaland	2 554	27 784
Øvrige fylker	252	3 401
Total	25 657	360 220

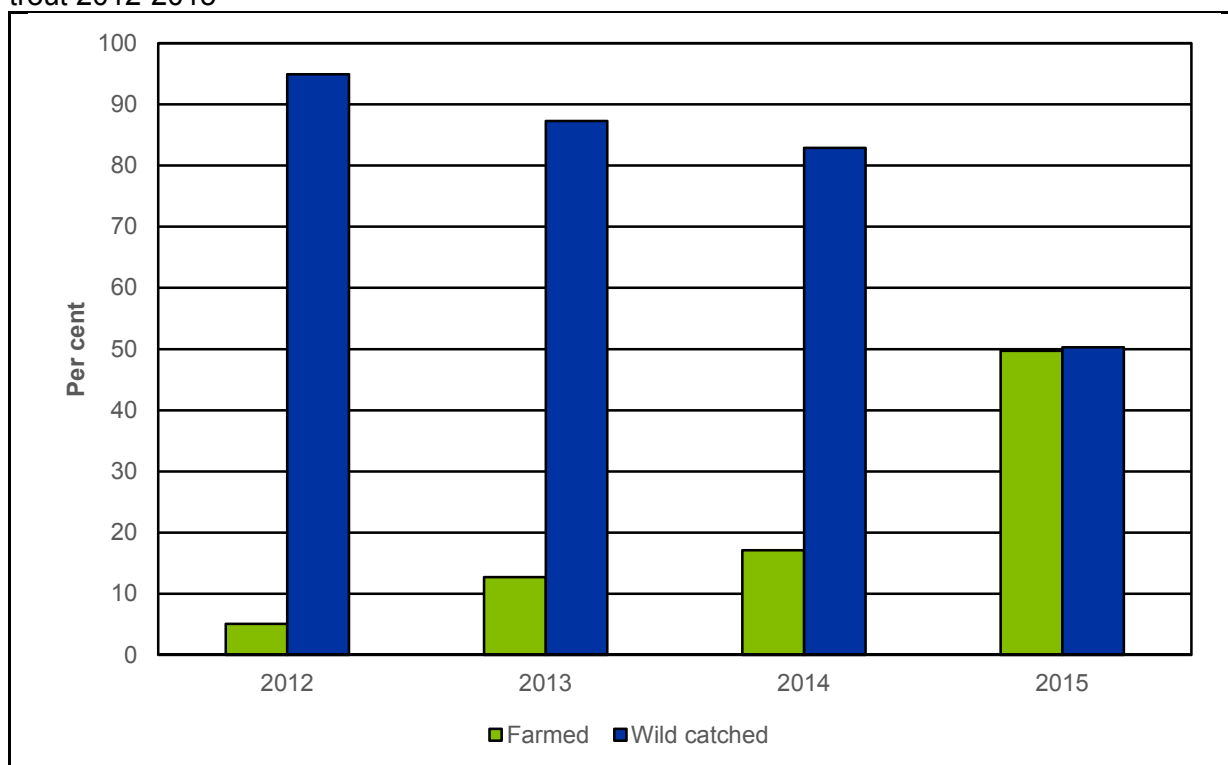
Table 23. Total number of cleaning fish in the cages with Atlantic salmon and rainbow trout by species in 2015. Number in 1000 and value in 1000 NOK.

Species	No.	Value
Lumpfish	10 075	172 855
Ballan wrasse	837	18 421
Goldsinny wrasse	2 059	20 998
Corkwing wrasse	2 685	31 169
Non specified	10 001	116 777
Total	25 657	360 220

Table 24. Sale of farmed clean fish to producers of Atlantic salmon and rainbow trout.
Numbers in 1000 and value in 1000 NOK.

Species	2015		2014		2013	
	No.	Value	No.	Value	No.	Value
Ballan wrasse	948	21 804	379	6 740	98	1 769
Lumpfish	11 812	210 648	3 457	52 858	1 954	27 717
Other species	0	0	0	0	0	0
Total	12 760	232 451	3 836	59 598	2 052	29 486

Figure 12. Percentage of farmed and wild clean fish in cages with Atlantic salmon and rainbow trout 2012-2015



8. Export

Source: Norwegian Seafood Council

Figure 13. Main markets for Atlantic salmon 2015

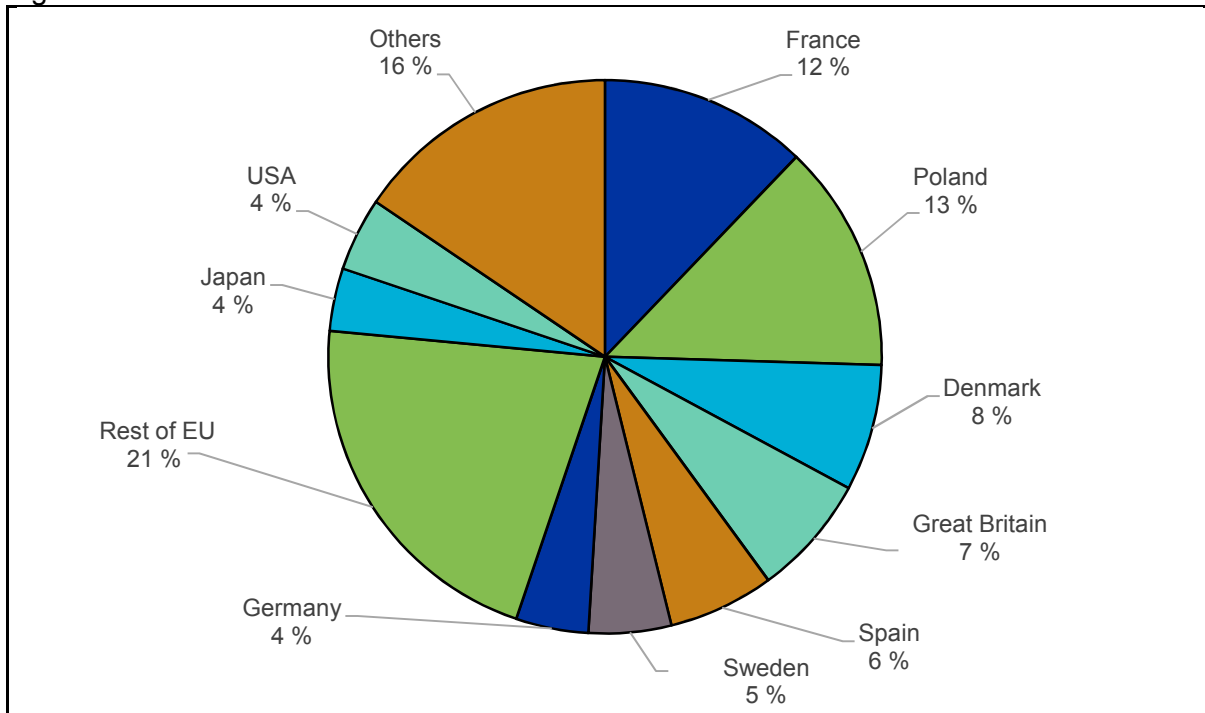


Figure 14. Main markets for rainbow trout 2015

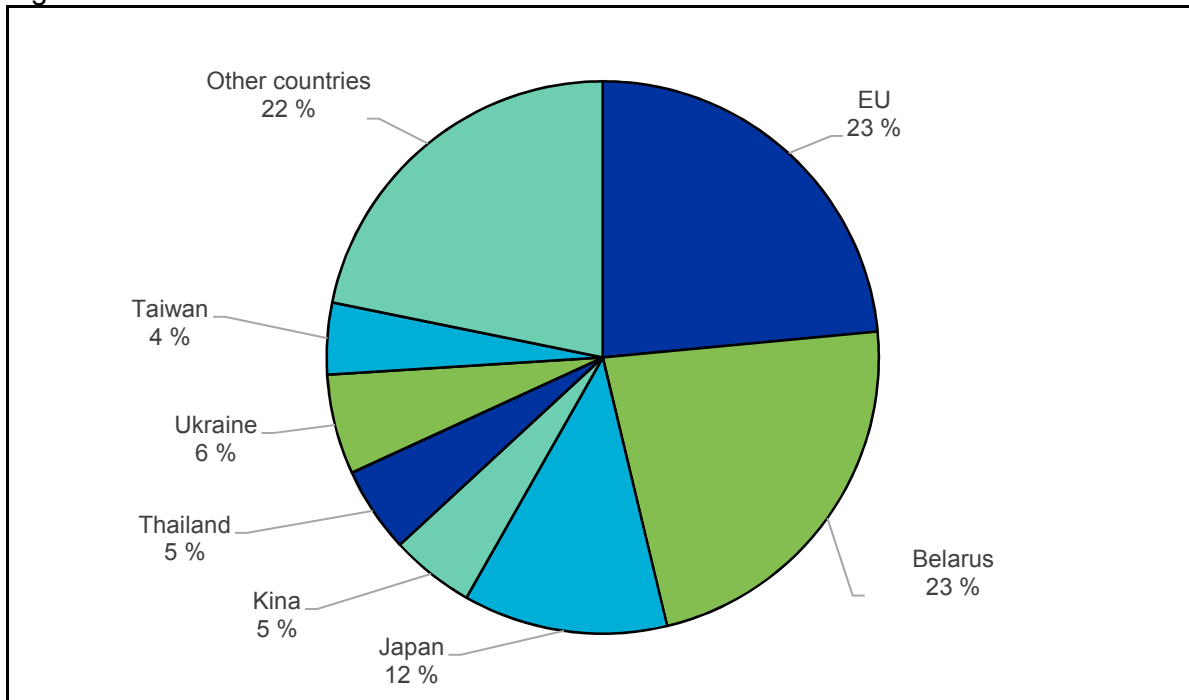


Table 25. Export of Atlantic salmon specified by country. Weight in metric tons (round weight) and value in mill NOK

Salmon, round	2014			2015			% - changes	
	Quantity	Value	NOK/kg	Quantity	Value	NOK/kg	Quantity	Value
France	137 776	5 093	36,97	144 450	5 622	38,92	5 %	10 %
Poland	153 146	5 470	35,71	158 419	5 865	37,02	3 %	7 %
Denmark	81 372	2 879	35,38	88 042	3 264	37,07	8 %	13 %
Great Britain	68 388	2 619	38,29	84 243	3 445	40,89	23 %	32 %
Spain	60 158	2 204	36,63	73 562	2 823	38,37	22 %	28 %
Sweden	52 430	2 197	41,90	57 446	2 495	43,44	10 %	14 %
Germany	48 926	1 869	38,20	50 324	2 000	39,75	3 %	7 %
Rest of EU	226 737	8 249	36,38	253 355	9 697	38,27	12 %	18 %
EU	828 933	30 579	36,89	909 841	35 210	38,70	10 %	15 %
Russia	57 129	2 211	38,71	486	56	116,13	-99 %	-97 %
Japan	40 631	1 660	40,85	43 512	1 952	44,86	7 %	18 %
USA	39 658	1 893	47,73	51 123	2 508	49,06	29 %	32 %
Other countries	181 386	7 401	40,80	184 729	7 902	42,78	2 %	7 %
Total	1 147 737	43 744	38,11	1 189 691	47 629	40,03	4 %	9 %

Table 26. Export of Atlantic salmon specified by product. Weight in metric tons and value in million NOK

Product	2014			2015			% - changes	
	Quantity	Value	NOK/kg	Quantity	Value	NOK/kg	Quantity	Value
Fresh fish	916 810	33 840	36,91	965 755	37 250	38,57	5 %	10 %
Fresh filet	118 514	4 709	39,73	124 828	5 546	44,43	5 %	18 %
Frozen fish	40 902	1 467	35,87	31 462	1 161	36,89	-23 %	-21 %
Frozen filet	64 199	3 206	49,94	60 388	3 117	51,61	-6 %	-3 %
Frozen fish meat	2 484	195	78,62	2 656	221	83,31	7 %	13 %
Smoked	3 652	244	66,89	3 642	254	69,62	0 %	4 %
Other products	1 175	82	85,75	962	80	96,14	-13 %	-2 %
Total	1 147 737	43 744	38,11	1 189 693	47 629	40,03	4 %	9 %

Table 27. Export of rainbow trout specified by country. Weight in metric tons and value in million NOK

Rainbow trout, round	2014			2015			% - changes	
	Quantity	Value	NOK/kg	Quantity	Value	NOK/kg	Quantity	Value
EU	9 987	358	35,80	14 250	459	32,24	43 %	22 %
Belarus	9 284	340	36,65	13 781	470	34,09	48 %	28 %
Japan	8 220	310	37,72	7 254	256	35,34	-12 %	-21 %
Kina	3 242	115	35,57	2 977	95	31,78	-8 %	-22 %
Thailand	2 971	116	39,10	3 040	115	37,85	2 %	-1 %
Ukraine	1 542	56	36,60	3 552	108	30,46	130 %	48 %
Taiwan	917	38	41,14	2 536	94	37,22	177 %	60 %
Other countries	21 874	1 016	46,44	13 216	710	53,71	-40 %	-43 %
Total	58 037	2 349	40,48	60 606	2 308	38,08	4 %	-2 %

Table 28. Export of rainbow trout specified by product. Weight in metric tons and value in million NOK

Product	2014			2015			% - changes	
	Quantity	Value	NOK/kg	Quantity	Value	NOK/kg	Quantity	Value
Fresh fish	37 343	1 423	38,12	37 432	1 289	38,12	0 %	-9 %
Fresh filet	338	13	38,69	1 760	71	38,69	421 %	446 %
Frozen	18 772	666	35,47	19 046	624	35,47	1 %	-6 %
Frozen filet	1 586	72	45,57	2 369	103	45,57	49 %	43 %
Other products	-	175	-	-	219	-	-	-
Total	58 037	2 349	40,48	60 606	2 308	38,08	4 %	-2 %

9. Economic results

Source: The Directorate of Fisheries

Definition:

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

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

Figure 15. Operating margin and production costs per kilo 1994-2014¹⁾

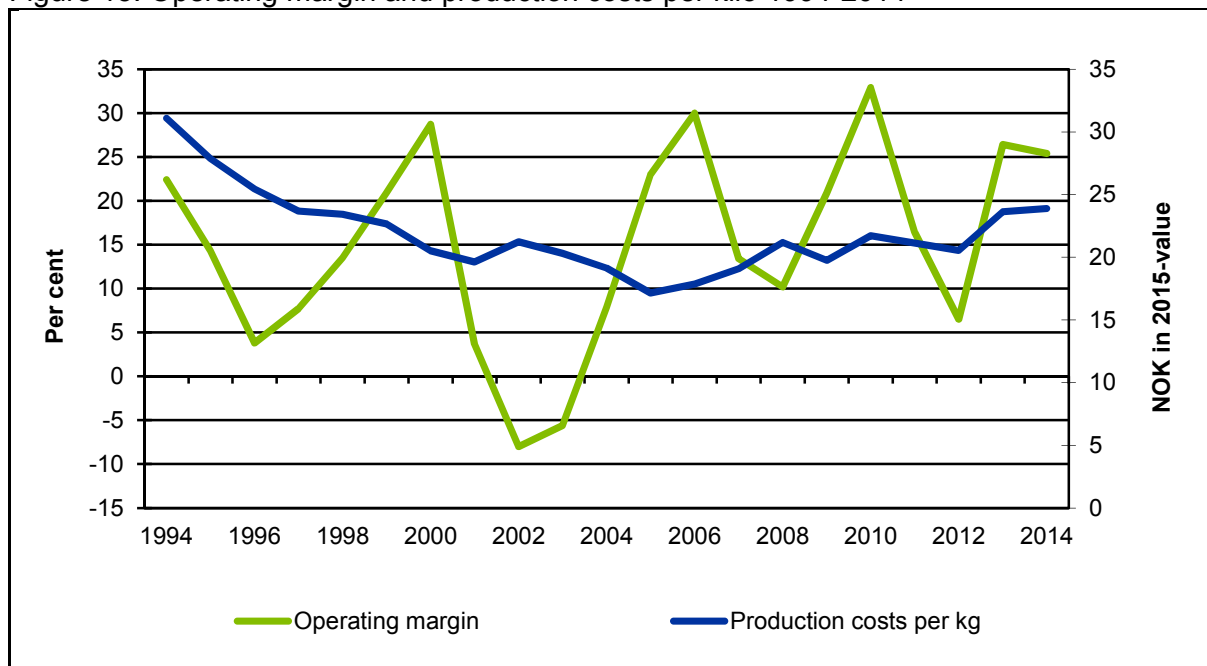
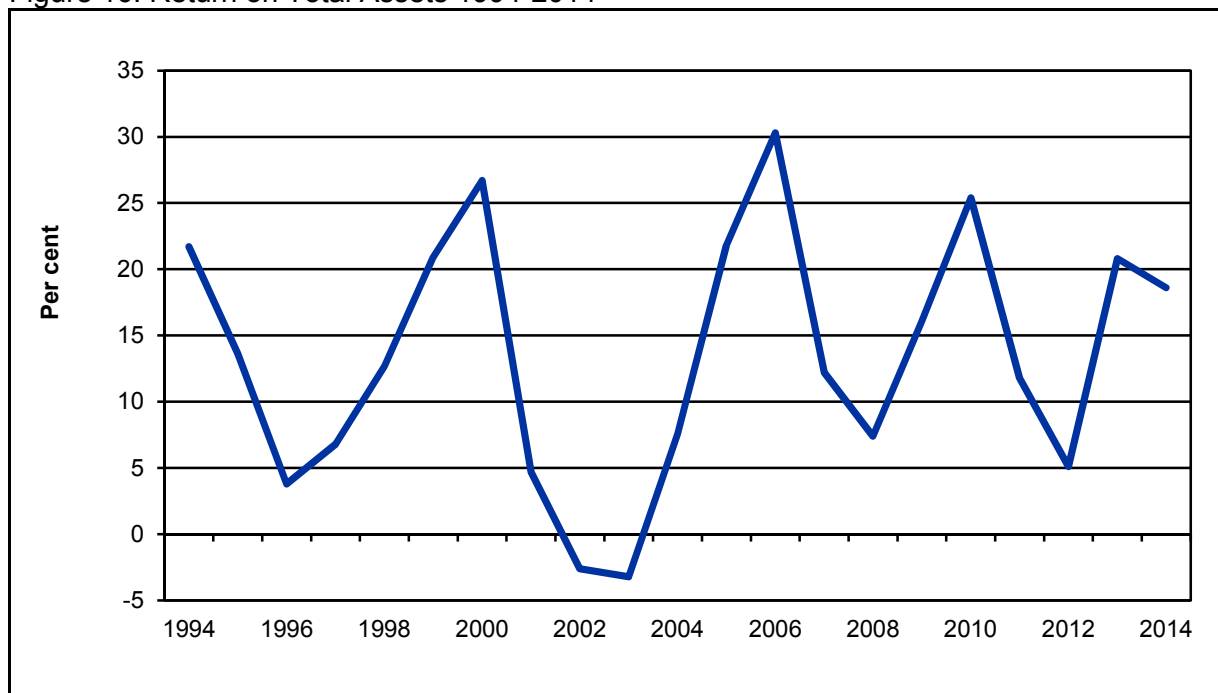


Figure 16. Return on Total Assets 1994-2014¹⁾

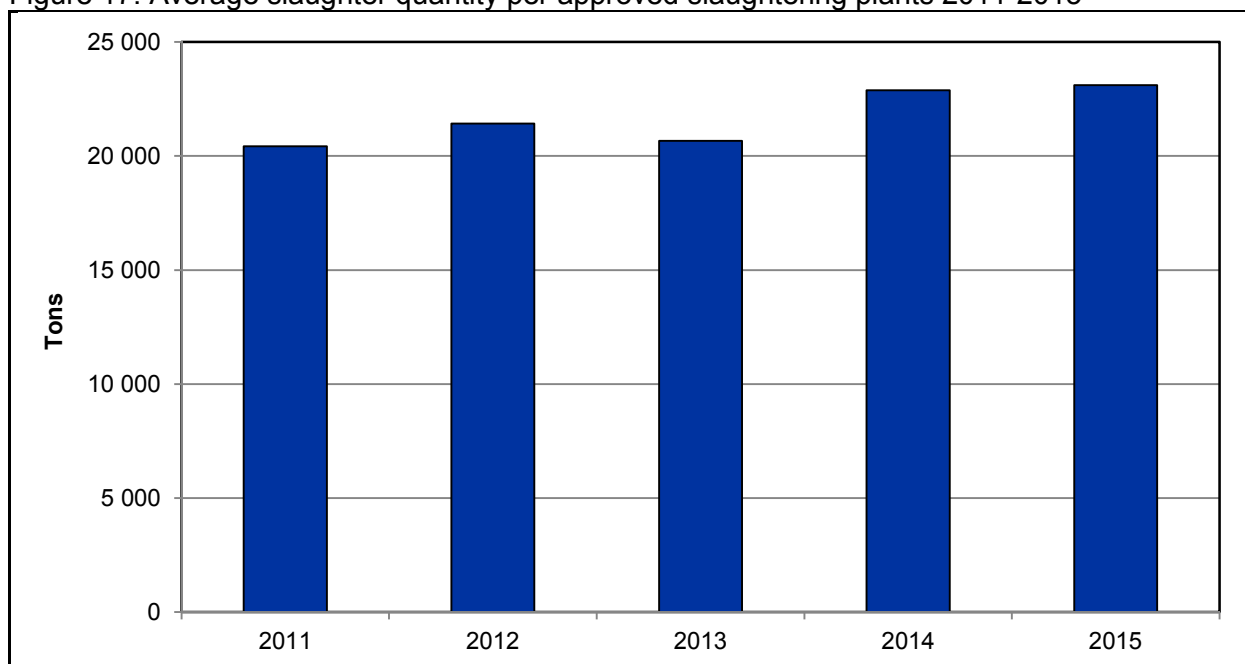


1) Average figures for companies with grow out production of Atlantic salmon and rainbow trout

10. Approved slaughtering plants for salmonids

Source: The Norwegian Food Safety Authority

Figure 17. Average slaughter quantity per approved slaughtering plants 2011-2015



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 29. The number of approved slaughtering plants for farmed salmonids

County	2011	2012	2013	2014	2015
Finnmark	4	5	4	4	4
Troms	8	9	9	9	9
Nordland	14	16	15	15	15
Nord-Trøndelag	3	3	3	3	3
Sør-Trøndelag	5	6	6	5	6
Møre og Romsdal	7	5	5	5	5
Sogn og Fjordane	4	3	3	3	3
Hordaland	7	11	11	10	10
Rogaland	3	3	4	4	4
Øvrige fylker	0	0	0	0	1
Total	55	61	60	58	60

11. Related activities

Insurance

Source: Finance Norway (FNO)

Table 30. Insurance of farmed fish in Norway. Amount in mill NOK

	2011	2012	2013	2014	2015
Premium	211,4	207,4	191,3	202,6	196,9
Compensation	109,5	99,1	134,6	238,1	239,9
Accident index	52 %	48 %	70 %	118 %	122 %

Use of veterinary drugs

Source: Norwegian Institute of Public Health

Table 31. Figures for use of veterinary drugs in the Norwegian fish farming industry. Quantity in kilo

	2011	2012	2013	2014	2015
Antibacterial agents	544	1 591	972	511	301
Anaesthetic agents	4 545	4 415	5 685	10 623	22 110
Endo- og ectoparasite agents	4 514	8 323	10 281	14 757	15 443
Total	9 603	14 329	16 938	25 891	37 854
Hydrogen peroxide	3 144 000	2 538 000	8 262 000	31 577 000	43 246 000

Well boats

Source: Association of cargo freighters

Table 32. The number of well boats in 2011–2015¹⁾

County	2011	2012	2013	2014	2015
Finnmark	2	2	2	2	1
Troms	2	4	3	2	2
Nordland	12	12	12	13	13
Nord-Trøndelag	0	0	0	0	0
Sør-Trøndelag	6	6	6	6	7
Møre og Romsdal	28	27	25	26	25
Sogn og Fjordane	0	0	0	0	0
Hordaland	8	9	8	9	10
Rogaland	0	0	0	0	0
Øvrige fylker	0	0	0	0	0
Total	58	60	56	58	58

1) Based on members in Association of cargo freighters

Use of feed

Source: Norwegian Seafood Federation

Table 33. Figures for use of feed in the Norwegian fish farming industry in 2011-2015.
Quantity in metric tons

	2011	2012	2013	2014	2015
January	71 016	101 609	92 974	109 885	115 335
February	55 813	86 132	60 216	90 542	88 250
March	60 999	88 032	59 661	85 068	99 155
April	62 255	87 422	67 433	89 763	96 633
May	101 677	102 588	95 302	110 168	102 581
June	122 091	130 181	130 308	146 910	135 984
July	167 310	181 941	196 456	193 382	180 168
August	205 439	218 438	218 152	204 455	212 812
September	212 596	203 039	218 150	208 674	211 163
October	178 643	194 323	198 517	195 899	195 379
November	150 963	151 273	155 447	165 074	169 670
December	120 409	118 916	131 794	142 597	139 321
Total	1 509 211	1 663 894	1 624 410	1 742 417	1 746 451

Coastal zone planning

Source: The Directorate of Fisheries

Six of the 275 municipalities was missing coastal zone plan. Among the six missing coastal zone plans are three from municipalities of Møre og Romsdal.

Tabell 34. The number of coastal municipalities and coastal zone plans 2015

County	Coastal municipalities	Coastal zone plan	
		Have plans	Lacking
Finnmark	17	16	1
Troms	23	23	0
Nordland	42	42	0
Nord-Trøndelag	32	32	0
Sør-Trøndelag	35	32	3
Møre og Romsdal	24	22	2
Sogn og Fjordane	32	32	0
Hordaland	23	23	0
Rogaland	23	23	0
Øvrige fylker	47	47	0
Total	275	269	6