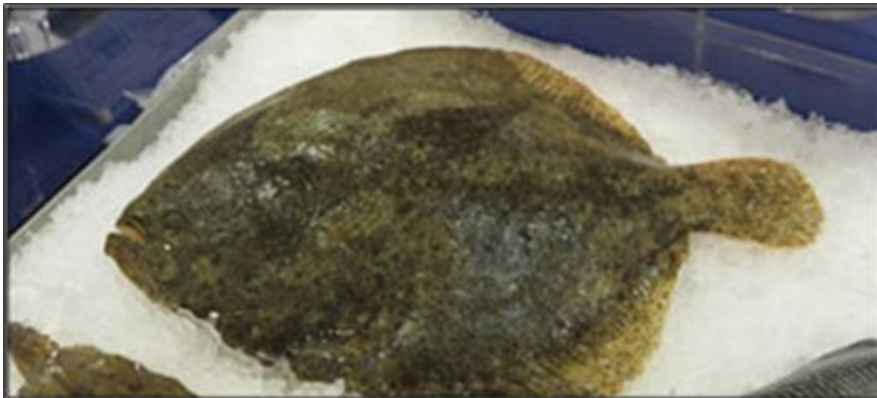


## Annex – tables



## First sales

### 1.1. MONTHLY FIRST SALES IN 12 EU REPORTING MEMBER STATES, NORWAY AND THE UK (volume in tonnes and value in million euro)

BELGIUM						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Bivalves and other molluscs and aquatic invertebrates</b>	221	0,59	161	0,22	218	0,32
<b>Cephalopods</b>	611	2,85	474	1,86	619	1,94
<b>Crustaceans</b>	24	0,17	86	0,37	33	0,18
<b>Flatfish</b>	1.981	10,62	1.616	9,67	1.353	11,36
<b>Groundfish</b>	384	0,44	296	0,32	267	0,31
<b>Other marine fish</b>	1.013	2,65	903	1,99	837	2,08
<b>Small pelagics</b>	30	0,03	6	0,01	14	0,01

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

DENMARK						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Bivalves and other molluscs and aquatic invertebrates</b>	9.505	2,75	13.878	4,49	6.990	2,01
<b>Cephalopods</b>	29	0,12	39	0,14	26	0,09
<b>Crustaceans</b>	2.762	14,63	1.723	10,12	1.810	8,84
<b>Flatfish</b>	5.905	14,38	5.340	11,42	5.136	9,96
<b>Freshwater fish</b>	17	0,09	31	0,05	23	0,05
<b>Groundfish</b>	9.983	21,89	8.352	19,52	5.429	14,51
<b>Other marine fish</b>	1.168	5,98	999	5,79	752	4,97
<b>Salmonids</b>	18	0,12	13	0,08	9	0,05
<b>Small pelagics</b>	25.557	14,27	28.269	18,82	18.389	15,47

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

ESTONIA						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Flatfish</b>	1	<0,01	<0,5	<0,01	6	<0,01
<b>Freshwater fish</b>	108	0,36	148	0,43	524	1,30
<b>Groundfish</b>	2	<0,01	<0,5	<0,01	11	<0,01
<b>Other marine fish</b>	5	<0,01	12	<0,01	187	0,14
<b>Salmonids</b>	<0,5	<0,01	<0,5	<0,01	<0,5	<0,01
<b>Small pelagics</b>	16.029	2,79	18.044	2,94	14.339	2,56

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

FRANCE						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Bivalves and other molluscs and aquatic invertebrates</b>	9.300	22,62	10.555	22,36	9.321	21,01
<b>Cephalopods</b>	3.193	19,48	2.964	18,87	2.283	11,48
<b>Crustaceans</b>	961	7,65	1.024	8,04	729	6,01
<b>Flatfish</b>	3.615	28,94	3.244	27,30	2.724	26,23
<b>Freshwater fish</b>	2	0,01	2	0,01	3	0,02
<b>Groundfish</b>	15.002	34,81	13.400	31,72	9.369	25,89
<b>Other marine fish</b>	10.619	44,27	9.725	40,60	8.690	35,01
<b>Small pelagics</b>	3.189	3,95	5.278	5,23	5.578	5,32
<b>Tuna and tuna-like species</b>	1	0,01	5	0,06	1	0,01

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

ITALY						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Bivalves and other molluscs and aquatic invertebrates</b>	2.780	8,21	2.556	6,17	2.716	6,45
<b>Cephalopods</b>	1.195	9,27	1.617	11,37	1.196	9,19
<b>Crustaceans</b>	2.357	18,37	2.171	18,90	2.223	17,10
<b>Flatfish</b>	380	3,94	486	4,10	390	3,60
<b>Freshwater fish</b>	22	0,07	15	0,05	8	0,02
<b>Groundfish</b>	1.236	6,49	1.449	6,91	1.391	6,52
<b>Other marine fish</b>	1.964	8,78	2.022	9,00	1.844	7,80
<b>Small pelagics</b>	5.710	8,53	5.582	11,57	5.188	9,37
<b>Tuna and tuna-like species</b>	39	0,17	104	0,75	167	1,03

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

LATVIA						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Flatfish</b>	68	0,02	28	0,01	112	0,02
<b>Freshwater fish</b>	1	<0,01	1	<0,01	1	<0,01
<b>Groundfish</b>	114	0,08	42	0,03	27	0,03
<b>Other marine fish</b>	355	0,05	942	0,11	636	0,09
<b>Small pelagics</b>	14.381	2,57	15.037	2,57	12.602	2,45

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

LITHUANIA						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Flatfish</b>	38	0,01	21	0,01	<0,5	<0,01
<b>Groundfish</b>	132	0,16	19	0,02	2	<0,01
<b>Other marine fish</b>	129	0,30	108	0,25	89	0,18
<b>Small pelagics</b>	353	0,12	192	0,06	556	0,16

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

THE NETHERLANDS						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Bivalves and other molluscs and aquatic invertebrates</b>	31	0,04	76	0,10	49	0,06
<b>Cephalopods</b>	86	0,53	104	0,67	145	0,77
<b>Crustaceans</b>	651	4,79	2.758	7,71	1.399	6,05
<b>Flatfish</b>	7.370	39,50	6.266	35,12	5.494	28,34
<b>Freshwater fish</b>	44	0,25	34	0,16	64	0,28
<b>Groundfish</b>	37.829	37,90	11.992	11,98	13.433	12,88
<b>Other marine fish</b>	407	0,65	511	0,84	458	0,65
<b>Small pelagics</b>	37.976	37,98	28.763	28,76	33.203	32,80

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

NORWAY						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Crustaceans</b>	72.030	29,21	86.340	25,75	90.373	25,35
<b>Flatfish</b>	710	2,53	523	2,16	435	1,40
<b>Groundfish</b>	573.832	607,00	490.159	533,74	460.550	511,18
<b>Miscellaneous aquatic products</b>	42.663	1,19	29.372	0,83	21.867	0,59
<b>Other marine fish</b>	1.708	8,64	1.561	7,31	1.549	6,15
<b>Small pelagics</b>	391.614	170,78	189.491	87,85	196.963	116,47

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

POLAND						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Flatfish</b>	5.690	2,58	6.123	2,58	6.006	1,86
<b>Freshwater fish</b>	18	0,04	26	0,05	8	0,02
<b>Groundfish</b>	824	1,15	813	1,15	246	0,20
<b>Salmonids</b>	143	1,14	19	0,16	22	0,15
<b>Small pelagics</b>	35.789	7,27	32.126	5,87	33.085	7,02

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

PORTUGAL						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Bivalves and other molluscs and aquatic invertebrates</b>	1.124	2,27	1.364	3,16	1.072	2,66
<b>Cephalopods</b>	982	7,76	1.969	11,75	1.610	9,64
<b>Crustaceans</b>	158	1,90	246	2,52	231	2,21
<b>Flatfish</b>	397	3,07	556	3,87	560	4,03
<b>Freshwater fish</b>	2	0,19	2	0,10	2	0,16
<b>Groundfish</b>	794	1,75	925	1,91	1.179	2,29
<b>Other marine fish</b>	1.987	8,93	2.106	9,82	2.350	10,50
<b>Small pelagics</b>	8.183	10,03	11.466	12,72	4.796	6,29
<b>Tuna and tuna-like species</b>	288	1,95	435	2,07	303	1,72

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

SPAIN						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Bivalves and other molluscs and aquatic invertebrates</b>	2.371	18,68	2.941	19,23	2.591	16,18
<b>Cephalopods</b>	4.004	21,87	5.302	30,64	4.278	23,80
<b>Crustaceans</b>	940	12,17	2.692	27,54	2.687	28,46
<b>Flatfish</b>	2.957	15,32	2.981	15,87	3.485	18,17
<b>Freshwater fish</b>	21	0,96	24	0,75	10	0,93
<b>Groundfish</b>	26.646	81,26	27.331	75,92	22.711	70,53
<b>Miscellaneous aquatic products</b>	92	0,08	132	0,10	58	0,05
<b>Other marine fish</b>	14.084	50,85	13.057	52,73	15.811	52,21
<b>Small pelagics</b>	29.754	34,70	33.043	45,95	40.555	46,78
<b>Tuna and tuna-like species</b>	10.863	36,49	14.999	39,98	18.284	42,68

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

SWEDEN						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Cephalopods</b>	2	0,01	1	0,01	1	0,01
<b>Crustaceans</b>	884	7,86	617	7,03	713	7,02
<b>Flatfish</b>	156	0,46	146	0,37	91	0,30
<b>Freshwater fish</b>	7	0,01	6	0,01	8	0,01
<b>Groundfish</b>	1.046	2,25	765	1,83	364	0,99
<b>Other marine fish</b>	378	0,36	554	0,46	542	0,25
<b>Salmonids</b>	3	0,01	<0,5	<0,01	<0,5	<0,01
<b>Small pelagics</b>	87.032	19,69	76.298	17,39	39.998	9,51

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

UNITED KINGDOM						
Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Bivalves and other molluscs and aquatic invertebrates</b>	5.162	12,16	7.454	16,81	6.141	12,83
<b>Cephalopods</b>	597	2,82	1.007	5,12	774	3,22
<b>Crustaceans</b>	3.692	16,14	7.564	32,80	5.805	22,01
<b>Flatfish</b>	1.216	4,31	1.810	7,80	1.194	4,78
<b>Freshwater fish</b>	5	0,01	2	<0,5	4	<0,01
<b>Groundfish</b>	21.525	25,46	18.717	32,23	26.875	33,53
<b>Other marine fish</b>	3.224	9,78	3.869	10,66	3.567	10,56
<b>Small pelagics</b>	34.169	34,23	32.514	43,28	42.580	52,80

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).



## 1.2. JANUARY–MARCH FIRST-SALES OVERVIEW OF COMMODITY GROUPS IN 12 EU REPORTING MEMBER STATES, NORWAY AND THE UK

(volume in tonnes and value in million EUR)

Commodity group	January–March 2018		January–March 2019		January–March 2020	
	Volume	Value	Volume	Value	Volume	Value
<b>Bivalves and other molluscs and aquatic invertebrates</b>	30.494	67,32	38.984	72,54	29.099	61,51
<b>Cephalopods</b>	10.700	64,72	13.477	80,43	10.932	60,15
<b>Crustaceans</b>	84.460	112,88	105.221	140,78	106.003	123,24
<b>Flatfish</b>	30.484	125,69	29.139	120,26	26.990	110,10
<b>Freshwater fish</b>	245	2,00	292	1,61	656	2,79
<b>Groundfish</b>	689.348	820,63	574.261	717,28	541.890	678,98
<b>Miscellaneous aquatic products</b>	42.755	1,26	29.504	0,93	21.925	0,64
<b>Other marine fish</b>	37.041	141,24	36.368	139,57	37.312	130,58
<b>Salmonids</b>	164	1,29	37	0,28	34	0,21
<b>Small pelagics</b>	689.766	346,93	476.107	283,02	447.853	307,02
<b>Tuna and tuna-like species</b>	11.192	38,63	15.543	42,87	18.755	45,45

Source: EUMOFA: Market trends; First sales – Jan–Mar aggregates, three-year comparison (updated 16.05.2020).

**1.3. FIRST SALES RANKING OF FLATFISH IN 12 EU REPORTING MEMBER STATES**

(volume in tonnes and value in million EUR)

FLATFISH					
Main Commercial Species	Apr 2017–Mar 2020		Main Commercial Species	Apr 2017–Mar 2020	
	Volume			Value	
<b>Plaice, European</b>	123.623		<b>Sole, common</b>	574,87	
<b>Flounder, European</b>	47.415		<b>Plaice, European</b>	280,19	
<b>Sole, common</b>	46.788		<b>Megrim</b>	133,55	
<b>Megrim</b>	33.345		<b>Turbot</b>	109,67	
<b>Sole, other</b>	14.275		<b>Sole, other</b>	73,35	
<b>Flounder, other</b>	11.528		<b>Brill</b>	48,83	
<b>Turbot</b>	9.377		<b>Flounder, other</b>	36,19	
<b>Dab</b>	9.071		<b>Halibut, Greenland</b>	30,71	
<b>Halibut, Greenland</b>	6.833		<b>Flounder, European</b>	20,18	
<b>Brill</b>	5.198		<b>Dab</b>	10,05	
<b>Halibut, Atlantic</b>	1.232		<b>Halibut, Atlantic</b>	7,52	
<b>Plaice, other</b>	217		<b>Plaice, other</b>	0,64	
<b>Other flatfish</b>	170		<b>Other flatfish</b>	0,58	

Source: EUMOFA: Market trends; First sales – three-year aggregate (updated 16.05.2020).

**1.4. GREENLAND HALIBUT (ERS): MONTHLY FIRST SALES IN DENMARK**

(volume in tonnes and value in 1000 EUR; price in EUR/kg)

Year	Month	Volume	Value	Price
2020	3	n/a	n/a	n/a
	2	n/a	n/a	n/a
	1	66	304,98	4,61
2019	12	692	2.484,44	3,59
	11	n/a	n/a	n/a
	10	<0,5	1,76	4,08
	9	n/a	n/a	n/a
	8	3	13,77	4,08
	7	1	2,50	4,03
	6	n/a	n/a	n/a
	5	n/a	n/a	n/a
	4	<0,5	0,90	3,71
	3	1	2,83	3,74
	2	n/a	n/a	n/a
	1	n/a	n/a	n/a
2018	12	310	1.363,80	4,40
	11	n/a	n/a	n/a
	10	n/a	n/a	n/a
	9	13	60,21	4,53
	8	9	39,27	4,29
	7	n/a	n/a	n/a
	6	n/a	n/a	n/a
	5	n/a	n/a	n/a
	4	<0,5	0,14	11,74
	3	1	5,17	4,69
	2	<0,5	<0,01	2,02
	1	n/a	n/a	n/a
2017	12	628	1.243,72	1,98
	11	90	204,91	2,29
	10	n/a	n/a	n/a
	9	14	48,74	3,57
	8	35	123,55	3,51
	7	1	3,22	4,12
	6	2	7,13	4,00
	5	<0,5	1,63	4,32
	4	<0,5	0,61	3,75

Source: EUMOFA: Market trends; First sales – Monthly aggregates, three-year comparison (updated 16.05.2020).

**1.5. GREENLAND HALIBUT (ERS): MONTHLY FIRST SALES IN FRANCE**

(volume in tonnes and value in 1.000 EUR; price in EUR/kg)

Year	Month	Volume	Value	Price
2020	3	<0,5	0,03	2,40
	2	1	6,29	5,65
	1	n/a	n/a	n/a
2019	12	2	9,09	5,88
	11	6	32,05	5,62
	10	3	13,95	5,35
	9	5	26,46	4,86
	8	14	65,36	4,81
	7	103	385,10	3,74
	6	29	119,48	4,16
	5	7	38,08	5,46
	4	4	18,02	5,09
	3	1	3,66	5,50
	2	1	3,60	5,09
	1	<0,5	0,04	5,14
2018	12	n/a	n/a	n/a
	11	2	8,71	4,99
	10	1	3,10	5,01
	9	34	149,35	4,35
	8	41	150,72	3,69
	7	38	152,72	4,07
	6	12	55,14	4,53
	5	6	26,72	4,72
	4	17	81,93	4,95
	3	5	24,74	5,43
	2	n/a	n/a	n/a
	1	n/a	n/a	n/a
2017	12	n/a	n/a	n/a
	11	1	2,51	4,86
	10	2	10,05	4,82
	9	52	211,54	4,07
	8	67	227,06	3,37
	7	5	21,74	3,99
	6	11	46,95	4,22
	5	11	46,69	4,40
4	2	9,55	5,05	

Source: EUMOFA: Market trends; First sales – Monthly aggregates, three-year comparison (updated 16.05.2020).

**1.6. GREENLAND HALIBUT (ERS): MONTHLY FIRST SALES IN SPAIN**

(volume in tonnes and value in 1.000 EUR; price in EUR/kg)

Year	Month	Volume	Value	Price
2020	3	312	1.374,69	4,41
	2	220	1.162,57	5,27
	1	154	716,71	4,66
2019	12	85	462,93	5,46
	11	69	345,33	5,04
	10	251	1.231,62	4,90
	9	50	273,58	5,47
	8	315	1.465,34	4,65
	7	130	743,92	5,72
	6	204	1.118,29	5,48
	5	260	1.276,74	4,91
	4	332	1.766,61	5,31
	3	118	588,78	5,00
	2	53	285,51	5,41
	1	104	517,31	4,98
2018	12	63	339,26	5,40
	11	n/a	n/a	n/a
	10	6	30,92	5,40
	9	283	1.378,58	4,87
	8	166	880,03	5,31
	7	10	54,96	5,50
	6	294	1.514,89	5,15
	5	443	2.335,74	5,27
	4	196	1.056,06	5,39
	3	158	852,67	5,38
	2	150	809,96	5,40
	1	60	257,47	4,27
2017	12	n/a	n/a	n/a
	11	n/a	n/a	n/a
	10	n/a	n/a	n/a
	9	n/a	n/a	n/a
	8	n/a	n/a	n/a
	7	n/a	n/a	n/a
	6	n/a	n/a	n/a
	5	n/a	n/a	n/a
4	n/a	n/a	n/a	

Source: EUMOFA: Market trends; First sales – Monthly aggregates, three-year comparison (updated 16.05.2020).

**1.7. TURBOT (ERS): MONTHLY FIRST SALES IN BELGIUM**  
(volume in tonnes and value in million EUR; price in EUR/kg)

Year	Month	Volume	Value	Price
2020	3	10	0,10	9,99
	2	11	0,19	16,54
	1	17	0,24	13,87
2019	12	16	0,24	15,20
	11	23	0,26	10,92
	10	25	0,24	9,91
	9	35	0,33	9,60
	8	37	0,38	10,04
	7	25	0,28	11,23
	6	17	0,19	11,02
	5	27	0,30	11,17
	4	15	0,20	13,17
	3	13	0,20	15,29
	2	14	0,20	14,05
	1	19	0,23	12,28
2018	12	20	0,30	14,61
	11	29	0,30	10,43
	10	33	0,31	9,38
	9	33	0,33	9,84
	8	38	0,41	10,73
	7	22	0,23	10,74
	6	31	0,31	10,01
	5	22	0,23	10,51
	4	21	0,24	11,65
	3	18	0,27	15,12
	2	15	0,19	13,22
	1	26	0,30	11,64
2017	12	35	0,46	13,02
	11	45	0,43	9,57
	10	53	0,48	9,02
	9	48	0,46	9,56
	8	47	0,46	9,67
	7	28	0,28	9,91
	6	26	0,23	9,05
	5	31	0,30	9,69
4	26	0,27	10,50	

Source: EUMOFA: Market trends; First sales – Monthly aggregates, three-year comparison (updated 16.05.2020).

**1.8. TURBOT (ERS): MONTHLY FIRST SALES IN FRANCE**  
(volume in tonnes and value in million EUR; price in EUR/kg)

Year	Month	Volume	Value	Price
2020	3	15	0,28	18,21
	2	18	0,38	20,89
	1	23	0,42	18,02
2019	12	19	0,50	26,12
	11	21	0,39	18,58
	10	30	0,54	18,00
	9	24	0,47	19,39
	8	31	0,62	20,30
	7	74	1,17	15,72
	6	85	1,19	14,00
	5	79	1,19	15,03
	4	47	0,85	18,19
	3	19	0,42	21,75
	2	20	0,39	19,50
	1	24	0,41	17,13
2018	12	21	0,54	25,40
	11	26	0,44	17,26
	10	35	0,59	16,76
	9	32	0,57	18,19
	8	37	0,69	18,67
	7	60	0,96	16,08
	6	79	1,14	14,45
	5	71	1,08	15,28
	4	44	0,73	16,72
	3	27	0,52	18,92
	2	18	0,33	18,09
	1	20	0,35	17,65
2017	12	19	0,45	23,19
	11	27	0,44	16,27
	10	37	0,60	16,09
	9	31	0,52	16,65
	8	32	0,64	20,15
	7	57	0,93	16,37
	6	98	1,21	12,41
	5	90	1,19	13,17
4	68	0,96	14,07	

Source: EUMOFA: Market trends; First sales – Monthly aggregates, three-year comparison (updated 16.05.2020).

**1.9. TURBOT (ERS): MONTHLY FIRST SALES IN THE NETHERLANDS**

(volume in tonnes and value in million EUR; price in EUR/kg)

Year	Month	Volume	Value	Price
2020	3	137	1,02	7,47
	2	94	1,04	11,04
	1	110	1,14	10,36
2019	12	110	1,41	12,79
	11	167	1,48	8,83
	10	137	1,18	8,66
	9	172	1,46	8,48
	8	150	1,35	8,96
	7	98	0,95	9,75
	6	104	0,97	9,39
	5	138	1,37	9,92
	4	91	1,06	11,66
	3	93	1,23	13,31
	2	91	1,13	12,42
	1	103	1,17	11,39
2018	12	151	2,01	13,27
	11	195	1,88	9,63
	10	222	2,05	9,26
	9	164	1,66	10,10
	8	178	1,94	10,93
	7	115	1,32	11,46
	6	129	1,33	10,30
	5	92	1,05	11,47
	4	96	1,18	12,31
	3	84	1,25	14,95
	2	100	1,27	12,59
	1	93	1,13	12,12
2017	12	138	1,85	13,41
	11	117	1,22	10,46
	10	122	1,26	10,30
	9	146	1,52	10,45
	8	130	1,42	10,97
	7	127	1,28	10,13
	6	135	1,18	8,77
	5	120	1,15	9,60
4	104	1,11	10,67	

Source: EUMOFA: Market trends; First sales – Monthly aggregates, three-year comparison (updated 16.05.2020).