Estimated global numbers of farmed finfishes killed for food (2019)

Section 1 Summary

Estimate part		production	numbers	Estimated numbers (millions) upper	Estimated numbers (millions) midpoint
Single-species categories with an EMW:	45,384,315	81%	62,656	125,605	94,130
Multi-species categories with an EMW:	6,129,852	11%	9,565	33,490	21,528
	51,514,166	91%	72,221	159,095	115,658
Species without an EMW	4,812,913	9%	5,845	11,651	8,748
Total	56,327,079	100%	78,066	170,747	124,406
	•	•	•		

Section 2 Single-species categories with an EMW

Section 2 Single-species categories with an EMW								
Species	Production (t)	Lower global EMW	Upper global EMW	Numbers lower (millions)	Numbers upper (millions)	Numbers midpoint (millions)		
Pond loach (Misgurnus anguillicaudatus)	357,806	10	26	13,605	35,781	24,693		
Nile tilapia (Oreochromis niloticus)	4,590,292	338	530	8,657	13,568	11,113		
Common carp (Cyprinus carpio)	4,411,900	483	951	4,639	9,141	6,890		
Silver carp (Hypophthalmichthys molitrix)	4,827,720	700	1,500	3,218	6,900	5,059		
Milkfish (Chanos chanos)	1,536,970	250	425	3,620	6,148	4,884		
Yellow catfish (Pelteobagrus fulvidraco)	536,964	75	250	2,148	7,160	4,654		
Grass carp(=White amur) (Ctenopharyngodon idellus)	5,728,383	1,000		1,263	5,728	3,496		
Silver barb (Barbonymus gonionotus)	420,342	100	200	2,102		3,153		
Bighead carp (Hypophthalmichthys nobilis)	3,145,900	750	2,000	1,573	4,195	2,884		
Catla (Catla catla)	3,286,274	1,000		1,643	3,286	2,465		
Striped catfish (Pangasianodon hypophthalmus)	2,682,246	933	1,385	1,937	2,874	2,406		
Asian swamp eel (Monopterus albus)	313,872	100	200	1,569	3,139	2,354		
Roho labeo (Labeo rohita)	1,992,876	863	2,000	996	2,309	1,653		
Wuchang bream (Megalobrama amblycephala)	762,858	450	500	1,526	1,695	1,610		
Japanese eel (Anguilla japonica)	265,759	146	249	1,067	1,823	1,445		
Amur catfish (Silurus asotus)	360,050	250	250	1,440	•	1,440		
Rainbow trout (Oncorhynchus mykiss)	916,540	507	896	1,022		1,416		
Giant gourami (Osphronemus goramy)	206,059	200	300	687	1,030	858		
Mrigal carp (Cirrhinus mrigala)	523,888	600	700	748	873	811		
Gilthead seabream (Sparus aurata)	258,754	300	400	647	863	755		
European seabass (Dicentrarchus labrax)	263,215	301	422	623	875	749		
Largemouth black bass (Micropterus salmoides)	480,136	680	680	706	706	706		
Blue-Nile tilapia, hybrid (Oreochromis aureus x O. niloticus)	410,553	603	603	681	681	681		
Mandarin fish (Siniperca chuatsi)	337,082	500	500	674	674	674		
Snakehead (Channa argus)	462,184	700	700	660	660	660		
Large yellow croaker (Larimichthys croceus)	225,549	350	350	644	644	644		
Climbing perch (Anabas testudineus)	59,496	90	100	595	661	628		
Channel catfish (Ictalurus punctatus)	453,511	695	769	590	652	621		
Africa-bighead catfish, hybrid (Clarias gariepinus x C. macrocephalus)	102,357	150	350	292		487		
Atlantic salmon (Salmo salar)	2,615,962	4,719	6,364	411	554	483		
North African catfish (Clarias gariepinus)	235,580	423	854	276	556	416		
Japanese seabass (Lateolabrax japonicus)	184,020	368	600	307	500	403		
Pompano (Trachinotus ovatus)	168,000	400	600	280	420	350		
Snakeskin gourami (Trichogaster pectoralis)	30,098	80	120	251	376	314		
Pirapatinga (Piaractus brachypomus)	206,981	500	1,000	207	414	310		
Black carp (Mylopharyngodon piceus)	680,451	2,000	3,000	227	340	284		
Mozambique tilapia (Oreochromis mossambicus)	74,435	300	303	245	248	247		
Barramundi(=Giant seaperch) (Lates calcarifer)	107,868	322	2,096	51	335	193		
Silver seabream (Pagrus auratus)	62,000	400	400	155	155	155		
Striped snakehead (Channa striata)	69,531	300	1,000	70	232	151		
Cachama (Colossoma macropomum)	104,140	500	1,985	52		130		
Philippine catfish (Clarias batrachus)	16,288	125	125	130	130	130		
Coho(=Silver) salmon (Oncorhynchus kisutch)	221,327	1,814		41	122	81		
Japanese amberjack (Seriola quinqueradiata)	135,600	1,000	8,000	17	136	76		
Bastard halibut (Paralichthys olivaceus)	45,320	400	1,500	30	113	72		
Turbot (Scophthalmus maximus)	77,710	700		18	111	64		
Indonesian snakehead (Channa micropeltes)	29,639	500	700	42	59	51		
Red drum (Sciaenops ocellatus)	77,009	1,373	1,789	43	56	50		
Korean rockfish (Sebastes schlegeli)	20,348	500	500	41	41	41		
Crucian carp (Carassius carassius)	6,481	150	400	16	43	30		
European eel (Anguilla anguilla)	5,496	150	600	9	37	23		
Tambacu, hybrid (P. mesopotamicus x C. macropomum)	32,098	1,500		21	21	21		
Tiger pufferfish (Takifugu rubripes)	21,588	832	1,500	14	26	20		
Obscure pufferfish (Takifugu obscurus)	9,911	450	550	18	22	20		
Meagre (Argyrosomus regius)	37,526	2,000		13	19	16		
1 U 1 U) U/	1	500	500	15	15	15		

Atlantic bluefin tuna (Thunnus thynnus)	12,130	30,000	50,000	<1	<1	<1
Atlantic bluefin tuna (Thunnus thynnus)	12,130	30,000	50,000	<1	<1	<1
			-		_1	_1
Silver perch (Bidyanus bidyanus)	297	350	1,200	<1	1	1
			-		1	4
Atlantic halibut (Hippoglossus hippoglossus)	1,609	2,000	5,000	<1	1	1
1				<1	1	1
1				· ~1	1	1
1				1	1	1
Siberian sturgeon (Acipenser baerii)	513	700	700	1	1	1
			-	1	1	ا
Orange-spotted grouper (Epinephelus coioides)	638	600	1,200	1	1	1
Orange-spotted grouper (Epinephelus coioides)	638	600	1,200	1	1	1
1				1	1	1
1				1	1	1
Marble goby (Oxyeleotris marmorata) Orange-spotted grouper (Epinephelus coioides)	421 638	400 600	400 1.200	1	1	1
1				1	1	1
1	638	600	1.200	1	1	1
Orange-spotted grouper (Epinephelus coioides)	638	600	1,200	1	1	1
			-	1	1	1
			-	1	1	1
			-	1	1	
			-	1	1	
			-	1	1	1
	513	700	700	1	1	1
Siberian sturgeon (Acipenser baerii)	513	700	700	1	1	1
1				1	1	٦
1				_1		
1				< 1	1	
1				<1	1	
Atlantic halibut (Hippoglossus hippoglossus)	1,609	2,000	5,000	<1	1	•
			-	<1	1	•
			-	<1	1	4
			-		-4	-4
Atlantic bluefin tuna (Thunnus thynnus)	12,130	30,000	50,000	<1	<1	<1
Atlantic cod (Gadus morhua)	900	2,000	5,000	<1	<1	<1
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Striped bass (Morone saxatilis)	203	450	1,400	<1	<1	<1
Southern bluefin tuna (Thunnus maccoyii)	8,252	32,000	32,000	<1	<1	<1
1	· I					
Atipa (Hoplosternum littorale)	15	100	100	<1	<1	<1
Yellowtail amberjack (Seriola lalandi)	407	3,000	4,000	<1	<1	<1
1						
American yellow perch (Perca flavescens)	24	238	321	<1	<1	<1
Brown-marbled grouper (Epinephelus fuscoguttatus)	43	600	1,200	<1	<1	<1
			-			
Common sole (Solea solea)	11	293	350	<1	<1	<1
Orbicular batfish (Platax orbicularis)	25	500	1,500	<1	<1	<1
1						
Greater amberjack (Seriola dumerili)	109	3,000	5,000	<1	<1	<1
White-spotted spinefoot (Siganus canaliculatus)	0	100	150	<1	<1	<1
European whitefish (Coregonus lavaretus)	3	950	950	<1	<1	<1
, , ,					-	
Giant grouper (Epinephelus lanceolatus)	6	1,000	20,000	<1	<1	<1
Total for single-species EMWs (91)	45,384,315			62,656	125,605	94,130

Section 3 Single-species EMW numbers by species group

Note - this section calculates GEMWs to estimate numbers for species categories without an EMW, see Section 7 below.

		Numbers	Numbers		
		lower	upper		Upper
Species group	Production (t)	(millions)	(millions)	Lower GEMW	GEMW
Carps (Cyprinidae)	25,787,073	17,952	38,714	666	1,436
Pond loach	357,806	13,605	35,781	10	26
Tilapias (Cichlidae)	5,078,380	9,587	14,503	350	530
Catfishes (Siluriformes)	4,404,661	6,825	13,513	326	645
Perciformes	2,413,487	4,209	5,444	443	573
Milkfish (Chanidae)	1,536,970	3,620	6,148	250	425
Swamp & freshwater eels (Anguillidae & Synbranchidae)	585,126	2,645	4,998	117	221
Snakeheads & gouramies (Channidae, Osphronemidae, Anabantidae etc)	857,007	2,305	3,019	284	372
Salmon & trout (Salmonidae)	3,772,996	1,482	2,499	1,510	2,545
Others	590,809	426	986	599	1,388
	AE 20A 21E	62.656	125 605		

45,384,315 62,656 125,605 Overall GEMW 361 724

Section 4 Multi-species categories with an EMW

Note - EMWs for multi-species categories are calculated in Section 5

Species	Production (t)	Lower global EMW	Upper global EMW	Numbers lower (millions)	Numbers upper (millions)	Numbers midpoint (millions)
Carassius spp (Carassius spp)	2,755,687	150	500	5,511	18,371	11,941
Torpedo-shaped catfishes nei (Clarias spp)	1,260,107	125	854	1,475	10,081	5,778
Tilapias nei (Oreochromis (=Tilapia) spp)	1,099,860	300	530	2,074	3,666	2,870
Pangas catfishes nei (Pangasius spp)	531,000	933	1,500	354	569	461
Groupers nei (Epinephelus spp)	229,379	400	3,200	72	573	323
Silver, bighead carps nei (Hypophthalmichthys spp)	68,239	700	2,000	34	98	66
Sturgeons nei (Acipenseridae)	119,827	2,870	5,920	20	42	31
Snakeheads(=Murrels) nei (Channa spp)	10,350	300	1,000	10	35	22
Amberjacks nei (Seriola spp)	32,445	1,000	8,000	4	32	18
Trouts nei (Salmo spp)	18,559	2,121	6,364	3	9	6
Chars nei (Salvelinus spp)	1,829	219	560	3	8	6
Catfishes nei (Ictalurus spp)	1,299	695	769	2	2	2
River eels nei (Anguilla spp)	404	146	600	1	3	2
Snappers nei (Lutjanus spp)	674	500	500	1	1	1
Mugil spp (Mugil spp)	160	750	1,750	<1	<1	<1
Gouramis nei (Trichogaster spp)	10	80	120	<1	<1	<1
Pufferfishes nei (Takifugu spp)	21	450	1,500	<1	<1	<1
Total for multi-species EMWs (17)	6,129,852			9,565	33,490	21,528

Section 5 Multi-species EMWs

Note - multi-species EMWs are usually calculated from the range of the smallest & largest species farmed with size information available

Though a multi-species Emines are usually calculated from the range of the			l	
		Lower	Upper	
and the	·	global	global	
Species	on	EMW	EMW	
Carassius spp (Carassius spp)		150	500	
Smallest species	Crucian carp	150	400	
Largest species	Prussian carp	250	500	
Tilapias nei (Oreochromis (=Tilapia) spp)		300	530	
Smallest species	Mozambique tilapia	300	303	
Largest species	Nile tilapia	338	530	
Torpedo-shaped catfishes nei (Clarias spp)		125	854	
Smallest species	Philippine catfish	125	125	
Largest species	North African catfish	423	854	
Pangas catfishes nei (Pangasius spp)		933	1,500	
Smallest species	Striped catfish	933	1,385	
Largest species	Pangas catfish	1,000	1,500	
Groupers nei (Epinephelus spp)	Groupers generally	400	3,200	
Silver, bighead carps nei (Hypophthalmichthys spp)		700	2,000	
Smallest species	Silver carp	700	1,500	
Largest species	Bighead carp	750	2,000	
	Sturgeons			
Sturgeons nei (Acipenseridae)	generally	2,870	5,920	
Amberjacks nei (Seriola spp)		1,000	8,000	
Smallest species	Japanese amberjack	1,000	8,000	
Largest species	Greater amberjack	3,000	5,000	
Snakeheads(=Murrels) nei (Channa spp)		300	1,000	
Smallest species	Striped snakehead	300	1,000	
Largest species	Striped snakeheac	300	1,000	
Trouts nei (Salmo spp)		2,121	6,364	
Smallest species	Sea trout	2,121	3,000	
Largest species	Atlantic salmon	4,719	6,364	
Catfishes nei (Ictalurus spp)		695	769	
Smallest species	Channel catfish	695	769	
Largest species	Channel catfish	695	769	
River eels nei (Anguilla spp)		146	600	

Smallest species	Japanese eel	146	249		
Largest species	European eel	150	600		
Snappers nei (Lutjanus spp)		500	500	-	-
Smallest species	Mangrove red sna _l	500	500		
Largest species	Mangrove red sna _l	500	500		
Chars nei (Salvelinus spp)		219	560	-	-
Smallest species	Brook trout	219	560		
Largest species	Brook trout	219	560		
Mugil spp (Mugil spp)		750	1,750	-	-
Smallest species	Flathead grey mull	750	1,750		
Largest species	Flathead grey mull	750	1,750		
Gouramis nei (Trichogaster spp)		80	120	-	-
Smallest species	Snakeskin gouram	80	120		
Largest species	Snakeskin gouram	80	120		
Pufferfishes nei (Takifugu spp)		450	1,500	-	-
Smallest species	Obscure pufferfish	450	550		
Largest species	Tiger pufferfish	832	1,500		

Section 6 Species categories without an EMW

Species	Production (t)
Freshwater fishes nei (Osteichthyes)	2,515,482
Marine fishes nei (Osteichthyes)	751,907
Cyprinids nei (Cyprinidae)	679,488
Mullets nei (Mugilidae)	259,764
Porgies, seabreams nei (Sparidae)	101,823
Lefteye flounders nei (Bothidae)	49,809
Orangefin labeo (Labeo calbasu)	47,341
Nilem carp (Osteochilus hasselti)	43,800
Chinese longsnout catfish (Leiocassis longirostris)	22,063
Righteye flounders nei (Pleuronectidae)	16,006
Nile perch (Lates niloticus)	15,582
Stinging catfish (Heteropneustes fossilis)	15,528
Salmonids nei (Salmonidae)	14,192
Hoven's carp (Leptobarbus hoeveni)	13,901
Clearhead icefish (Protosalanx hyalocranius)	13,541
Fourfinger threadfin (Eleutheronema tetradactylum)	11,922
Tambatinga, hybrid (C. macropomum x P. brachypomus)	11,650
Sorubims nei (Pseudoplatystoma spp)	11,005
Pond smelt (Hypomesus olidus)	10,730
Arctic char (Salvelinus alpinus)	8,479
John's snapper (Lutjanus johnii)	7,243
Kissing gourami (Helostoma temminckii)	7,200
Asian redtail catfish (Hemibagrus nemurus)	7,119
Aba (Gymnarchus niloticus)	6,789
Asian barbs nei (Puntius spp)	6,517
Reticulate knifefish (Papyrocranus afer)	6,465
African bonytongue (Heterotis niloticus)	6,297
Ayu sweetfish (Plecoglossus altivelis)	6,025
Small scale mud carp (Cirrhinus microlepis)	6,000
Olive barb (Systomus sarana)	5,752
Manipur osteobrama (Osteobrama belangeri)	5,200
Brycon amazonicus (Brycon amazonicus)	4,911
Brycon spp (Brycon spp)	4,884
Three spotted tilapia (Oreochromis andersonii)	4,793
Whitefishes nei (Coregonus spp)	4,762
Characins nei (Characidae)	4,759
Tilapia shiranus (Oreochromis shiranus)	4,711
Upsidedown catfishes (Synodontis spp)	4,569
White trevally (Pseudocaranx dentex)	4,400
Grass-eaters nei (Distichodus spp)	4,348
Isok barb (Probarbus jullieni)	4,320
Tiger-dragon grouper, hybrid (E. fuscoguttatus x E. lanceolatus)	4,300
Streaked prochilod (Prochilodus lineatus)	4,226
Citharinus nei (Citharinus spp)	4,175
Dorada (Brycon moorei)	4,038
Mud carp (Cirrhinus molitorella)	4,013
Salmonoids nei (Salmonoidei)	3,784
Hetero-Clarias catfish, hybrid (H. longifilis x C. gariepinus)	3,610

Twobar seabream (Acanthopagrus bifasciatus)	3,560
Kafue pike (Hepsetus odoe)	3,550
Leporinus spp (Leporinus spp)	3,048
Redbreast tilapia (Tilapia rendalli)	2,999
Red porgy (Pagrus pagrus)	2,933
Parachanna snakeheads nei (Parachanna spp)	2,663
Magdalena River prochilodus (Prochilodus magdalenae)	2,452
Arapaima (Arapaima gigas)	2,154
Wels(=Som) catfish (Silurus glanis)	2,091
Longfin tilapia (Oreochromis macrochir)	1,800
Oreochromis tanganicae (Oreochromis tanganicae) Brycon melanopterus (Brycon melanopterus)	1,700 1,548
Northern pike (Esox lucius)	1,540
Roaches nei (Rutilus spp)	1,399
Oplegnathus fasciatus (Oplegnathus fasciatus)	1,262
Freshwater bream (Abramis brama)	1,117
Spotted snakehead (Channa punctata)	1,100
Wallago (Wallago attu)	1,093
Blackhead seabream (Acanthopagrus schlegeli)	1,049
Bronze featherback (Notopterus notopterus)	898
Great snakehead (Channa marulius)	880
Trahira (Hoplias malabaricus)	808
Japanese jack mackerel (Trachurus japonicus)	800
Tench (Tinca tinca)	792
Filefishes, leatherjackets nei (Monacanthidae)	719
Banded astyanax (Astyanax fasciatus)	661
Spotted rose snapper (Lutjanus guttatus)	600
Jacks, crevalles nei (Caranx spp)	506
Black prochilodus (Prochilodus nigricans)	468
Longfin yellowtail (Seriola rivoliana)	400
Dotted gizzard shad (Konosirus punctatus)	390
Goldfish (Carassius auratus)	384
Murray cod (Maccullochella peelii)	360
Danube sturgeon(=Osetr) (Acipenser gueldenstaedtii)	311
Sabaki tilapia (Oreochromis spilurus)	300
Finfishes nei (Osteichthyes)	291
Spinefeet(=Rabbitfishes) nei (Siganus spp)	287
Pacific fat sleeper (Dormitator latifrons)	261
Pacific chub mackerel (Scomber japonicus)	230
Clown knifefish (Chitala chitala)	227
Peled (Coregonus peled)	221
Scorpionfishes, redfishes nei (Scorpaenidae)	207
Kelee shad (Hilsa kelee)	200
Masu(=Cherry) salmon (Oncorhynchus masou)	193
Barbel (Barbus barbus)	178
Snappers, jobfishes nei (Lutjanidae)	173
Malabar grouper (Epinephelus malabaricus)	150
Brycon cephalus (Brycon cephalus)	148
Convict grouper (Epinephelus septemfasciatus)	145
Mississippi paddlefish (Polyodon spathula)	144
Groupers, seabasses nei (Serranidae)	137
Blackspot(=red) seabream (Pagellus bogaraveo)	133
Shi drum (Umbrina cirrosa)	133
Long-finned charr (Salvethymus svetovidovi)	103
Roach (Rutilus rutilus)	100
Crimson snapper (Lutjanus erythropterus)	98
Labeo dussumieri (Labeo dussumieri)	96
Blackchin tilapia (Sarotherodon melanotheron)	95
Cichla spp (Cichla spp)	92
Black bullhead (Ameiurus melas) Algerian barb (Barbus callensis)	90 87
,	84
Barcoo grunter (Scortum barcoo) Bluespotted seabream (Pagrus caeruleostictus)	74
Dorado (Salminus brasiliensis)	72
Pink dentex (Dentex gibbosus)	66
Sterlet sturgeon (Acipenser ruthenus)	56
Brycon orbignyanus (Brycon orbignyanus)	55
Bagrid catfish (Chrysichthys nigrodigitatus)	50
Diadromous fishes nei (Osteichthyes)	49
Mi-iuy (brown) croaker (Miichthys miiuy)	47
Knifefishes (Notopterus spp)	45
Adriatic sturgeon (Acipenser naccarii)	44
Hypsibarbus spp (Hypsibarbus spp)	35
Streamer fish (Agrostichthys parkeri)	35
	- •

Sharpsnout seabream (Diplodus puntazzo)	34
Prochilodus mariae (Prochilodus mariae)	32
Spotted coralgrouper (Plectropomus maculatus)	30
Prochilods nei (Prochilodus spp)	30
Goldlined seabream (Rhabdosargus sarba)	29
Common dentex (Dentex dentex)	27
Soles nei (Soleidae)	20
Mango tilapia (Sarotherodon galilaeus)	19
Pimelodus spp (Pimelodus spp)	16
Flatfishes nei (Pleuronectiformes)	15
Beluga (Huso huso)	13
Rudd (Scardinius erythrophthalmus)	12
Tinfoil barb (Barbonymus schwanenfeldii)	12
Sobaity seabream (Sparidentex hasta)	11
Japanese meagre (Argyrosomus japonicus)	10
South American catfish (Rhamdia quelen)	10
White seabream (Diplodus sargus)	10
Leporinus obtusidens (Leporinus obtusidens)	10
Huchen (Hucho hucho)	9
Sampa (Heterobranchus longifilis)	8
Chum(=Keta=Dog) salmon (Oncorhynchus keta)	7
Emperor red snapper (Lutjanus sebae)	7
Redbelly tilapia (Tilapia zillii)	6
Golden-lined spinefoot (Siganus lineatus)	5
Bayad (Bagrus bajad)	5
Thai mahseer (Tor tambroides)	5
Bleak (Alburnus alburnus)	5
Jaguar guapote (Cichlasoma managuense)	4
Golden trevally (Gnathanodon speciosus)	3
Russell's snapper (Lutjanus russelli)	3
Burbot (Lota lota)	2
Mottled spinefoot (Siganus fuscescens)	2
Pink(=Humpback) salmon (Oncorhynchus gorbuscha)	2
Spotted seabass (Dicentrarchus punctatus)	1
Southern red snapper (Lutjanus purpureus)	1
Grayling (Thymallus thymallus)	1
Amazon sailfin catfish (Pterygoplichthys pardalis)	1
Golden perch (Macquaria ambigua)	1
Velvety cichlids (Astronotus spp)	1
Common nase (Chondrostoma nasus)	1
Giant trevally (Caranx ignobilis)	1
Barred sorubim (Pseudoplatystoma fasciatum)	0.4
Banded jewelfish (Hemichromis fasciatus)	0.3
Green humphead parrotfish (Bolbometopon muricatum)	0.2
	4,812,913

Section 7 Subtotals for species without an EMW by species group

Section : Galactaic for opening training and an Emily appeared g				Numbers	Numbers	Numbers
		Lower	Upper	lower	upper	midpoint
Species group	Production (t)	GEMW	GEMW	(millions)	(millions)	(millions)
No species info	3,267,729	361	724	4,511	9,044	6,777
Carps (Cyprinidae)	820,554	666	1,436	571	1,232	902
Perciformes	158,704	443	573	277	358	317
Catfishes (Siluriformes)	67,258	326	645	104	206	155
Tilapias (Cichlidae)	16,520	350	530	31	47	39
Snakeheads & gouramies (Channidae & Helostomatidae)	11,843	284	372	32	42	37
Salmon & trout etc (Salmoniformes)	62,049	1,510	2,545	24	41	33
Freshwater eels (Anguillidae)	-	117	221	-	-	-
Others	408,255	599	1,388	294	681	488
Species categories without an EMW (166)	4,812,913			5,845	11,651	8,748

Source of production tonnage: FAO (2021). Source of EMWs: present study.