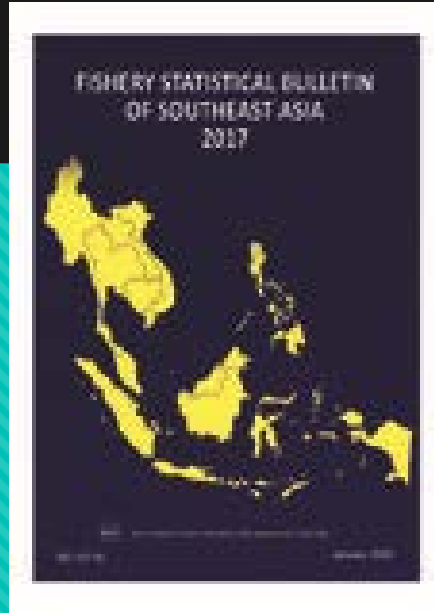


How to use

Fishery Statistics of Southeast Asia database



'the Bulletin'




Fishery Statistics in the Southeast Asian countries, namely Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, the Philippines, Singapore, Thailand and Vietnam

The Bulletin was established based on the Framework for Fishery Statistics of Southeast Asia, which was developed by SEAFDEC through the consultative process with ASEAN and the ASEAN-SEAFDEC Member Countries

The data to be reported in this questionnaire are usually based on the official National Fishery Statistics of the respective countries e.g. Statistical Bulletin or Yearbook.

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SEAFDEC Database

Fishery Statistics of Southeast Asia

Since 2008

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TOTAL FISHERY PRODUCTION OF SOUTHEAST ASIA

The fishery production of Southeast Asia comes from three sub-sector, namely: Marine capture fisheries, inland capture fisheries and aquaculture.
By sub-sector, the total fishery production of the region in the lastest year as shown in this table.

Total Production	Marine Fishery Production	Inland Fishery Production	Aquaculture Production
2016	2016	2016	2016
Quantity(MT)	Quantity(MT)	Quantity(MT)	Quantity(MT)
45,336,312	17,027,382	3,126,166	24,002,513
Values(US\$1000)	Values(US\$1000)	Values(US\$1000)	Values(US\$1000)
40,973,100	19,939,678	3,514,981	17,518,396

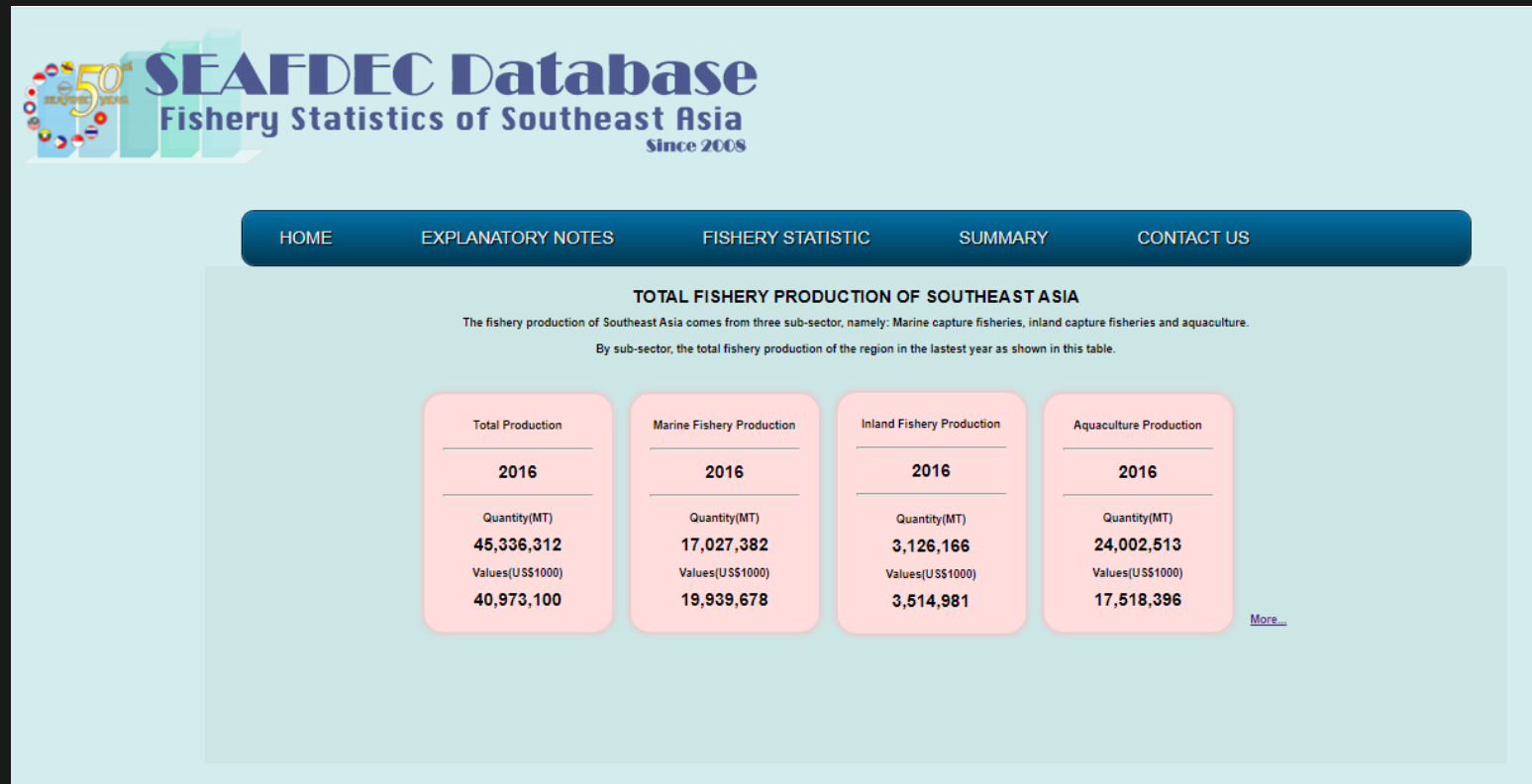
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SEAFDEC Database on Fishery Statistics Bulletin of Southeast Asia

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Fishery production by sub-sector

- “Fishery Production by Sub-Sector” aims at compiling data to provide the overall picture on fishery production of the country, both in terms of quantity and value.
- Fishery production comprises two major parts: 1) capture and 2) aquaculture.
- Capture production is further categorized into production from marine and from inland capture fisheries; while aquaculture production is categorized into freshwater culture, brackishwater culture, and mariculture.



Fishery production by sub-sector



○ Click More.. For more information

○ Click blue bullet to get previous year

Explanatory Note

provide necessary information to enable the fishery statistician in charge of submission of fishery statistics in the Southeast Asian countries and a minimum requirement for countries in collection of fishery statistics

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- General note
- Note on Statistics
- Classification of Fishing Areas
- Classification of Small-Scale and Commercial Fisheries
- List of Aquatic Animals and Plants
- Classification of Fishing Gears
- Classification of Fishing Boats
- Classification of Fishers and Farmers

Fishery Statistics Menu

No. of Fishing
Boats

No. of Fishing
Units

Fishery
Production By
Species and By
Fishing Area

Fishery Production
By Type Of Fishing
Gear and By
Species

Inland Capture
Fishery Production
by Species and By
Fishing Area

Inland Capture
Fishery Production
by Type of
Waterbodies

Aquaculture
production by
Species and By
Fishing Area

Aquaculture
production by
Species of
ornamental fishes

Seed production
from
aquaculture

Price of Fresh
Fish

No. of Fishers

Fishery Statistics – Criteria, Option

Select Country

Country **None selected ▼**

Year

- ☐ **Select all**
- ☐ Brunei Darussalam
- ☐ Cambodia
- ☐ Indonesia
- ☐ Malaysia
- ☐ Myanmar
- ☐ Philippines
- ☐ Thailand
- ☐ Vietnam
- ☐ Singapore
- ☐ Lao PDR

Select Year

Year **None selected ▼**

- ☐ **Select all**
- ☐ 2008
- ☐ 2009
- ☐ 2010
- ☐ 2011
- ☐ 2012
- ☐ 2013
- ☐ 2014
- ☐ 2015
- ☐ 2016

Select Area

Fishing Area

None selected ▼

- ☐ **Select all**
- ☐ 57-Indian Ocean, Eastern
- ☐ 71-Pacific, Western Central
- ☐ 61-Pacific, Northwest

Fishing Gear

Fishing Gear **None selected ▼**

- ☐ **Select all**
- ☐ Purse seine
- ☐ Seine Net
- ☐ Trawl
- ☐ Lift net
- ☐ Falling net
- ☐ Gill net
- ☐ Trap
- ☐ Hook and lines
- ☐ Push/Scoop net
- ☐ Shellfish and seaweed collecting gear
- ☐ Other

Species

Species

- Diadromous fishes ▼**
- Marine Fishes ▼**
- Crustaceans ▼**
- Molluscs ▼**
- Miscellaneous aquatic animals ▼**
- Miscellaneous aquatic animal products ▼**
- Aquatic plants ▼**

No. of Fishing Boats by Type and Tonnage

- Result when we select Indonesia and year 2015
- focuses only on marine fisheries
- Country provide the figure on number of fishing boats in each detailed category of fishing boats

Number of Fishing Boats by Type and Tonnage														
Country, Sub-area	Year	Total	Non-Powered Boat	Power Boat										
				Sub-total	Out-board powered boat	In-board power boat								
						Sub-total	<5	5-9.9	10-19.9	20-49.9	50-99.9	100-199.9	200-499.9	>500
Indonesia	2015	625,708*	165,050	460,658	238,010	222,648	153,510	41,420	14,320	10,607	1,766	849	162	14
West Sumatra	2015	34,647	9,010	25,637	16,120	9,517	5,840	2,330	640	603	99	5		
South Java	2015	27,060	1,210	25,850	19,330	6,520	3,410	1,340	1,300	404	53	13		
Malacca Strait	2015	40,354	6,200	34,154	4,820	29,334	22,410	4,720	1,070	891	175	68	5	
East Sumatra	2015	62,061	14,140	47,921	11,290	36,631	30,280	4,330	1,120	780	82	33	6	
North Java	2015	87,015	3,380	83,635	38,040	45,595	22,600	11,020	5,760	4,483	1,044	560	115	13
Bali-Nusa Tenggara	2015	62,804	19,060	43,744	31,490	12,254	8,030	2,730	610	565	176	139	3	1
South-west Kalimantan	2015	29,469	5,990	23,479	6,250	17,229	13,180	3,080	600	312	49	8		
East Kalimantan	2015	33,594	2,710	30,884	6,820	24,064	20,560	2,830	650	23		1		
South Sulawesi	2015	78,733	15,570	63,163	41,290	21,873	16,490	4,000	540	839	4			
North Sulawesi	2015	78,793	28,690	50,103	39,160	10,943	6,570	2,720	720	832	54	22	25	
Maluku-Papua	2015	91,173	59,090	32,083	23,400	8,683	4,140	2,320	1,310	875	30			



No. of Fishing Units by Size of Boat

- Result when we select Malaysia and year 2014 and all fishing gear
- focuses only on marine fisheries
- Fishing unit means the smallest unit in a fishing operation, which comprises generally a fishing boat, fishers and fishing gears

Number of Fishing Unites by Size of Boat														
Country	Year	Type of Fishing gear	Total	Non-Power Boat	Power Boat									
					Out-board power boat	In-board power boat								
						Sub-total	<5	5-9.9	10-19.9	20-49.9 tons	50-99.9	100-199.9	200-499.9	>500
Malaysia	2014	All purse seines	1,205			1,205	50	55	49	44	95	134	325	453
Malaysia	2014	Anchovy Purse seine	142			142	18	4	4	9	21	10	8	68
Malaysia	2014	Fish Purse seine	1,063			1,063	32	51	45	35	74	124	317	385
Malaysia	2014	All seine nets	678	4	75	599	6	584	4	1		4		
Malaysia	2014	All trawls	6,065			6,065	70	296	525	920	768	1,502	1,441	543
Malaysia	2014	Lift nets	444	49	357	38	5	20	7	5		1		
Malaysia	2014	Gill net	37,975	1,375	30,906	5,694	1,561	2,802	787	239	150	93	62	
Malaysia	2014	All traps	1,277		644	372	42	75	79	56	30	49	38	3
Malaysia	2014	Stationary trap	180	44	109	27	21	6						
Malaysia	2014	Portable trap	1,097	217	353	345	21	69	79	56	30	49	38	3
Malaysia	2014	Hook and lines	6,924	642	4,461	1,821	427	491	289	281	92	74	62	60
Malaysia	2014	Push/Scoop net	17		1	16			10	5		1		
Malaysia	2014	Shell fish and seaweed collecting gear	250	105	72	73	45	28						
Malaysia	2014	Others	3,092	596	1,287	1,209	176	418	113	122	116	263		1



Marine Capture Fishery Production by Species and by Fishing Area

- Result when we select Malaysia all year and shark and ray species
- collecting statistics of capture production of all aquatic organisms


Marine Capture Fishery Production by Species and by Fishing Area						
Country	Year	Fishing Area	Species	English Name	Quantity (MT)	Values (US\$1000)
Malaysia	2009	57		Rays, stingrays, mantas nei	4,663	7,172
Malaysia	2009	57		Sharks, rays, skates, etc. nei	1,432	1,686
Malaysia	2010	57		Rays, stingrays, mantas nei	4,173	7,180
Malaysia	2010	57		Sharks, rays, skates, etc. nei	1,181	1,442
Malaysia	2011	57		Hammerhead sharks nei	3,342	
Malaysia	2011	57		Rays, stingrays, mantas nei	3,911	10,701
Malaysia	2011	57		Sharks, rays, skates, etc. nei	1,128	2,047
Malaysia	2012	57		Rays, stingrays, mantas nei	5,290	14,044
Malaysia	2012	57		Sharks, rays, skates, etc. nei	1,303	2,502
Malaysia	2013	57		Rays, stingrays, mantas nei	4,578	12,075
Malaysia	2013	57		Sharks, rays, skates, etc. nei	1,334	2,968
Malaysia	2014	57		Rays, stingrays, mantas nei	4,621	15,112
Malaysia	2014	57		Sharks, rays, skates, etc. nei	1,297	4,241
Malaysia	2015	57		Rays, stingrays, mantas nei	3,212	6,076
Malaysia	2015	57		Sharks, rays, skates, etc. nei	2,362	4,967
Malaysia	2016	57		Rays, stingrays, mantas nei	3,752	
Malaysia	2016	57		Sharks, rays, skates, etc. nei	1,151	



Capture Production by Type of Fishing Gear and by Species

- Result when we select Myanmar year 2008-2009 from trawl and purse seine and coastal fish group
- collecting statistics of marine capture production

Capture Production by Type of Fishing Gear and by Species					
Country	Year	Fishing Gear	Species	English Name	Quantity (MT)
Myanmar	2008	All trawls	Abalister stellaris	Starry Triggerfish	354
Myanmar	2008	All trawls	Drepane punctata	Spotted sicklefish	206
Myanmar	2008	All trawls	Lutjanus argentimaculatus	Mangrove red snapper	88
Myanmar	2008	All trawls	Otolithes ruber	Tigertooth croaker	174
Myanmar	2009	All purse seines	Arius spp.	Sea catfishes, Marine catfishe	8,854
Myanmar	2009	All purse seines	Johnius spp.	Croakers	545
Myanmar	2009	All purse seines	Lutjanus argentimaculatus	Mangrove red snapper	184
Myanmar	2009	All purse seines	Plectropomus leopardus	Leopard coralgrouper	2,810
Myanmar	2009	All purse seines	Polynemus spp.	Threadfins	16,530
Myanmar	2009	All trawls	Arius spp.	Sea catfishes, Marine catfishe	30,543
Myanmar	2009	All trawls	Johnius spp.	Croakers	656
Myanmar	2009	All trawls	Lutjanus argentimaculatus	Mangrove red snapper	715
Myanmar	2009	All trawls	Nemipterus spp.	Threadfin breams nei	75,525
Myanmar	2009	All trawls	Pomadasys spp.	Grunts	2,527
Myanmar	2009	All trawls	Saurida tumbil	greater lizardfish	56,163
Myanmar	2009	All trawls	Upeneus spp.	Goatfishes	70,652



Inland Capture Fishery Production by Species and by Fishing Area


- Result when we select Indonesia year 2013 and freshwater fish group
- collecting statistics focuses only on inland fisheries

Inland Capture Fishery Production by Species and by Fishing Area						
Country	Year	Fishing Area	Species	English Name	Quantity (MT)	Values (US\$1000)
Indonesia	2013	04	Barbichthys laevis	Sucker barb	17.00	24.00
Indonesia	2013	04	Barbodes balleroides		307.00	286.00
Indonesia	2013	04	Barbonymus gonionotus	Silver barb	17,891.00	17,169.00
Indonesia	2013	04	Barbonymus schwanenfeldii	Tinfoil barb	1,104.00	1,983.00
Indonesia	2013	04	Cyclocheilichthys apogon	Beardless barb	798.00	630.00
Indonesia	2013	04	Cyclocheilichthys armatus		8.00	63.00
Indonesia	2013	04	Cyprinus carpio	Common carp	12,462.00	23,452.00
Indonesia	2013	04	Hampala macrolepidota	Hampala barb	1,116.00	2,035.00
Indonesia	2013	04	Labiobarbus festivus	Singal carp	1,227.00	1,683.00
Indonesia	2013	04	Leptobarbus hoeveni	Hoven's carp	3,837.00	10,502.00
Indonesia	2013	04	Macrochirichthys macrochirus		33.00	35.00
Indonesia	2013	04	Mystacoleucus marginatus		507.00	1,516.00
Indonesia	2013	04	Mystacoleucus padangensis		11,364.00	3,928.00
Indonesia	2013	04	Osteochilus haselti	Nilem carp	6,079.00	7,032.00

Inland Fishery Production by type of water bodies

○ Result
when we
select
Indonesia
year
2008-2012


Inland Fishery Production by type of water bodies													
Country	Year	Total		Lakes		Rivers		Flood plain/ Rice fields		Reservoirs		Other	
		Quantity (MT)	Value (US\$1000)	Quantity (MT)	Value (US\$1000)	Quantity (MT)	Value (US\$1000)	Quantity (MT)	Value (US\$1000)	Quantity (MT)	Value (US\$1000)	Quantity (MT)	Value (US\$1000)
Indonesia	2008	494395	533312	226097	145462	203828	313955	50379	60545	13917	13162	174	189
Indonesia	2009	495610	579313	226650	158008	204330	341035	50500	65768	13950	14297	180	205
Indonesia	2010	344972	546963	46776	56390	221904	384054	51768	77082	20597	24109	3927	5327
Indonesia	2011	368542	635754	56007	73217	239813	453705	50101	78944	18531	24000	4090	5888
Indonesia	2012	393561	793237	51143	81653	283594	615717	38652	69035	18077	23489	2095	3343



Aquaculture Fishery Production by Species and by Fishing Area

- Result when we select Brunei Darussalam year 2008-2016 and freshwater fish
- Statistics on Aquaculture of Fish, Crustacean, Molluscs, and Aquatic Plants (NS9) by Species, Production, Environment and Fishing Area"

Aquaculture Fishery Production by Species and by Fishing Area						
Country	Year	Fishing Area	Species	English Name	Quantity (MT)	Values (US\$1000)
Brunei Darussalam	2008	04	Oreochromis niloticus	Nile tilapia	2.74	22.00
Brunei Darussalam	2011	04	Cyprinus carpio	Common carp	0.03	0.12
Brunei Darussalam	2011	04	Oreochromis niloticus	Nile tilapia	2.28	13.28
Brunei Darussalam	2013	04	Oreochromis niloticus	Nile tilapia	2.80	13.16
Brunei Darussalam	2013	04	Clarias spp.	Torpedo-shaped catfishes nei	10.00	32.00
Brunei Darussalam	2013	04	Pangasius pangasius	Pangas catfish	1.10	
Brunei Darussalam	2014	04	Oreochromis niloticus	Nile tilapia		22.00
Brunei Darussalam	2014	04	Clarias spp.	Torpedo-shaped catfishes nei		19.00
Brunei Darussalam	2014	04	Pangasius spp.	Pangas catfishes nei		3.00



Aquaculture Production by Species of Ornamental Fishes

○ Result when we select Singapore year 2008-2016

Aquaculture Production by Species of Ornamental Fishes					
Country	Year	Scientific Name	English Name	In Quantity (pcs.)	In Value (US\$1000)
Singapore	2008	Osteichthyes		133,869,972.00	33,167.55
Singapore	2009		Freshwater fishes nei	120,459.00	31,282.00
Singapore	2010	Cobitids			38,872.72
Singapore	2011	Osteichthyes		107,775.00	34,650.00
Singapore	2015		Others	77,108.00	27,696.00



Seed Production From Aquaculture

○ Result when we select Myanmar year 2014


Seed Production From Aquaculture							
Country	Year	Scientific Name	English Name	Total	Wide Stock (million pcs.)	Aquaculture Practice (million pcs.)	Number of Operation Units or facilities
Myanmar	2014	Cyprinus carpio	Common carp		8.85	33.06	26.00
Myanmar	2014	Labeo rohita	Roho labeo		37.60	347.26	26.00
Myanmar	2014	Cirrhinus mrigala	Mrigal carp			2.85	26.00
Myanmar	2014	Ctenopharyngodon idellus	Grass carp(=White amur)		0.03	5.57	26.00
Myanmar	2014	Hypophthalmichthys molitrix	Silver carp		0.10	4.73	26.00
Myanmar	2014	Hypophthalmichthys nobilis	Bighead carp			2.79	26.00
Myanmar	2014	Leptobarbus hoeveni	Hoven's carp			0.06	15.00
Myanmar	2014	Barbonymus gonionotus	Silver barb		15.70	57.78	26.00
Myanmar	2014	Catla catla	Catla		0.04	7.01	26.00
Myanmar	2014	Oreochromis (=Tilapia) spp.	Tilapias nei		2.45	11.12	26.00
Myanmar	2014	Macrobrachium rosenbergii	Giant river prawn			0.40	15.00
Myanmar	2014	Panulirus spp.	Tropical spiny lobsters nei			7.11	20.00
Myanmar	2014	Penaeus monodon	Giant tiger prawn			3.50	30.00



Price of Fresh Fish


○ Result
when we
select
Malaysia
year 2008

Price of Fresh Fish				
Country	Year	Species	English Name	Price (US\$/kg.)
Malaysia	2008	Cirrhinus mrigala	Mrigal carp	1.93
Malaysia	2008	Cyprinus carpio	Common carp	1.33
Malaysia	2008	Hypophthalmichthys nobilis	Bighead carp	1.44
Malaysia	2008	Leptobarbus hoeveni	Hoven's carp	4.50
Malaysia	2008	Oreochromis niloticus	Nile tilapia	1.41
Malaysia	2008	Clarias spp.	Torpedo-shaped catfishes nei	1.11
Malaysia	2008	Oxyeleotris marmorata	Marble goby	10.49
Malaysia	2008	Pangasius pangasius	Pangas catfish	1.61



Number of Fishers by Working Status

○ Result when we select Indonesia and Myanmar year 2008-2016

Number of Fishers by Working Status																	
Country	Year	Total	Marine Fishery					Inland Fishery					Aquaculture				
			Full time	Part Time	Occasional	Unspecified	Total	Full time	Part Time	Occasional	Unspecified	Total	Full time	Part Time	Occasional	Unspecified	Total
Indonesia	2008																
Indonesia	2009	2752490	1118800	805660	331190		2255650	184980	213570	98290		496840					
Indonesia	2010	5971725	1084304	772595	305543		2162442	167253	193668	96914		457835				3351448	3351448
Indonesia	2011	5180212	1079582	921405	389185		2390172	180405	209990	99645		490040				2300000	2300000
Indonesia	2012	2748908	1321903	638240	318245		2278388	228789	152730	89001		470520					
Indonesia	2013	2640095	1180389	682824	301756		2164969	215479	159657	99990		475126					
Indonesia	2014	2667440	1192350	689740	304810		2186900	217930	161480	101130		480540					
Indonesia	2015	2724690	1196710	692260	305920		2194890	240270	178030	111500		529800					
Indonesia	2016																
Myanmar	2008	3201923	244000	262000	923800		1429800	489000	300000		785000	1574000	154026			44097	198123
Myanmar	2009	3261199	250000	270000	930000		1450000	500395	305000		795000	1600395	122687	88117			210804
Myanmar	2010	3160070	219430	250000	915000		1384430	486125	298000		780000	1564125	122974	88541			211515
Myanmar	2011	3164627	220000	251000	916000		1387000	486300	299500		780000	1565800	123088	88739			211827
Myanmar	2012	3193645	223000	254000	921000		1398000	486700	300500	794000		1581200	124751	89694			214445
Myanmar	2013	3196284	230000	251000	916000		1397000	487000	300000		796000	1583000	125978	90306			216284
Myanmar	2014	3781550	230550	252000	917000		1399550	488000	301000		796500	1585500	126219	90481			216700
Myanmar	2015	3216300	254000	252000	917000		1423000	450000	330000		796500	1576500	126293	90507			216800
Myanmar	2016																
refox 																	



Summary

Total Fishery Production of Southeast Asia by sub-sector

Year	Brunei Darussalam		Cambodia		Indonesia		Lao PDR		Malaysia		Myanmar		Philippines		Singapore		Thailand		Vietnam	
	Quantity (MT)	Values (US\$1000)	Quantity (MT)	Values (US\$1000)	Quantity (MT)	Values (US\$1000)	Quantity (MT)	Values (US\$1000)	Quantity (MT)	Values (US\$1000)	Quantity (MT)	Values (US\$1000)	Quantity (MT)	Values (US\$1000)	Quantity (MT)	Values (US\$1000)	Quantity (MT)	Values (US\$1000)	Quantity (MT)	Values (US\$1000)
2008	2,747	7,303	536,320	317,290	9,054,873	9,700,810	145,687	331,475	1,639,017	2,163,885	3,147,605	3,156,405	4,964,703	4,675,417	5,141	17,822	3,204,200	3,595,535	4,559,720*	4,617,700*
2009	2,418	5,947	515,000	533,528	10,064,140	7,493,133	105,000	204,969	1,729,002	2,599,980	3,491,103	5,283,701	5,084,674	4,266,944	5,687	19,243	3,137,672	3,940,087	4,782,400	4,867,779
2010	2,772	11,626	550,000*		11,662,311	14,085,949	113,000		1,806,577	2,821,786	3,901,979	5,821,638	5,155,647	4,534,628	5,229	25,423	3,113,316	4,501,934	5,127,600*	6,941,179*
2011	2,447	9,839	631,695	126,850	13,626,141	19,954,948	129,600		1,665,842	3,043,037	4,149,799	6,065,596	4,973,588	5,186,788	5,954	24,789	2,870,085	4,305,354	5,432,900*	10,065,666*
2012	5,079	23,153	728,000*		18,763,893	13,292,210	136,000		1,760,840	3,434,589	4,417,676	7,067,139	4,865,678	5,238,384	6,202	24,984	3,068,345	5,111,243	5,816,100*	10,767,180*
2013	3,431	11,930	728,000		19,245,632	20,086,772	164,228		1,749,314	3,434,477	4,715,840	7,767,155	4,695,369	5,389,413	7,210	43,202	2,900,591	5,112,879	6,019,700*	
2014	3,947	17,962	745,310		20,600,772	18,238,185	150,592	421,658	1,988,302	5,985,420	5,040,311	8,387,601	4,681,418	5,142,892	6,695	52,225	2,667,309	4,491,935	6,332,500*	
2015	4,353	15,468	731,889		22,154,423	17,531,161	158,600		1,998,439	3,205,698	5,316,950	87,630,474	4,645,871	5,054,641	8,161	39,859	2,429,856	4,119,031	6,549,700	
2016	14,114	50,353	808,550		23,172,872*	19,429,135*	166,880		1,987,984	3,181,205	5,598,003	9,352,420	4,350,761	4,527,093	7,347	64,402	2,425,901*	4,368,492*	6,803,900*	



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