



Profil Perikanan Indonesia & Dunia

Suadi, Ph.D.

**Lab. Sosial Ekonomi Perikanan
Jurusan Perikanan UGM**

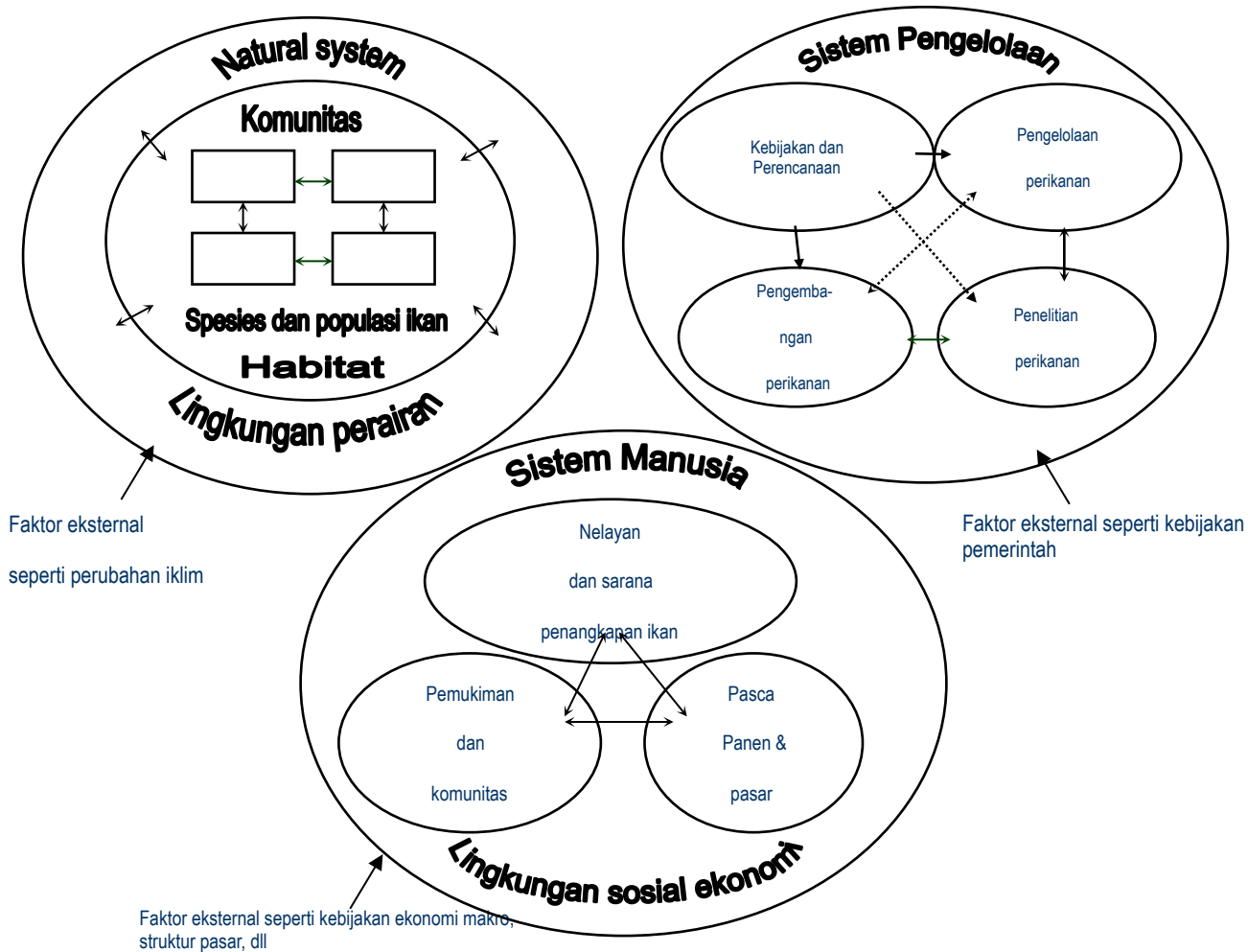
E-mail: suadi@ugm.ac.id

<http://suadi.staff.ugm.ac.id>

Definisi

- ❖ **Perikanan adalah semua kegiatan yang berhubungan dengan pengelolaan dan pemanfaatan sumber daya ikan dan lingkungannya mulai dari praproduksi, produksi, pengolahan sampai dengan pemasaran, yang dilaksanakan dalam suatu sistem bisnis perikanan. (UU Perikanan 45/2009)**
- ❖ ***a fishery refers to the interaction of human harvest activities, environmental conditions, and the population dynamics associated with one or more species of fish (Hackett 2006).***

Sistem Perikanan



Sumber: Widodo dan Suadi 2006, modifikasi dari Charles 2001

Table 1
World fisheries and aquaculture production and utilization

	2007	2008	2009	2010	2011	2012
<i>(Million tonnes)</i>						
PRODUCTION						
Capture						
Inland	10.1	10.3	10.5	11.3	11.1	11.6
Marine	80.7	79.9	79.6	77.8	82.6	79.7
Total capture	90.8	90.1	90.1	89.1	93.7	91.3
Aquaculture						
Inland	29.9	32.4	34.3	36.8	38.7	41.9
Marine	20.0	20.5	21.4	22.3	23.3	24.7
Total aquaculture	49.9	52.9	55.7	59.0	62.0	66.6
TOTAL WORLD FISHERIES	140.7	143.1	145.8	148.1	155.7	158.0
UTILIZATION¹						
Human consumption	117.3	120.9	123.7	128.2	131.2	136.2
Non-food uses	23.4	22.2	22.1	19.9	24.5	21.7
Population (<i>billions</i>)	6.7	6.8	6.8	6.9	7.0	7.1
Per capita food fish supply (<i>kg</i>)	17.6	17.9	18.1	18.5	18.7	19.2

Note: Excluding aquatic plants. Totals may not match due to rounding.

¹ Data in this section for 2012 are provisional estimates.

Marine and inland ca

Table 2
Marine capture fisheries: major producer countries

2012 Ranking	Country	Continent	2003	2011	2012	Variation	
						2003–2012	2011–2012
			<i>(Tonnes)</i>		<i>(Percentage)</i>		
1	China	Asia	12 212 188	13 536 409	13 869 604	13.6	2.4
2	Indonesia	Asia	4 275 115	5 332 862	5 420 247	27.0	1.7
3	United States of America	Americas	4 912 627	5 131 087	5 107 559	4.0	-0.5
4	Peru	Americas	6 053 120	8 211 716	4 807 923	-20.6	-41.5
5	Russian Federation	Asia/ Europe	3 090 798	4 005 737	4 068 850	31.6	1.6
6	Japan	Asia	4 626 904	3 741 222	3 611 384	-21.9	-3.5
7	India	Asia	2 954 796	3 250 099	3 402 405	15.1	4.7
8	Chile	Americas	3 612 048	3 063 467	2 572 881	-28.8	-16.0
9	Viet Nam	Asia	1 647 133	2 308 200	2 418 700	46.8	4.8
10	Myanmar	Asia	1 053 720	2 169 820	2 332 790	121.4	7.5
11	Norway	Europe	2 548 353	2 281 856	2 149 802	-15.6	-5.8
12	Philippines	Asia	2 033 325	2 171 327	2 127 046	4.6	-2.0
13	Republic of Korea	Asia	1 649 061	1 737 870	1 660 165	0.7	-4.5
14	Thailand	Asia	2 651 223	1 610 418	1 612 073	-39.2	0.1
15	Malaysia	Asia	1 283 256	1 373 105	1 472 239	14.7	7.2
16	Mexico	Americas	1 257 699	1 452 970	1 467 790	16.7	1.0
17	Iceland	Europe	1 986 314	1 138 274	1 449 452	-27.0	27.3
18	Morocco	Africa	916 988	949 881	1 158 474	26.3	22.0
Total 18 major countries			58 764 668	63 466 320	60 709 384	3.3	-4.3
World total			79 674 875	82 609 926	79 705 910	0.0	-3.5
Share 18 major countries (percentage)			73.8	76.8	76.2		

Inland waters capture: major producer countries

2012 Ranking	Country	Continent	2003	2011	2012	Variation	
			<i>(Tonnes)</i>			<i>Percentage</i>	
1	China	Asia	2 135 086	2 232 221	2 297 839	7.6	2.9
2	India	Asia	757 353	1 061 033	1 460 456	92.8	37.6
3	Myanmar	Asia	290 140	1 163 159	1 246 460	329.6	7.2
4	Bangladesh	Asia	709 333	1 054 585	957 095	34.9	-9.2
5	Cambodia	Asia	308 750	445 000	449 000	45.4	0.9
6	Uganda	Africa	241 810	437 415	407 638	68.6	-6.8
7	Indonesia	Asia	308 656	368 578	393 553	27.5	6.8
8	United Republic of Tanzania	Africa	301 855	290 963	314 945	4.3	8.2
9	Nigeria	Africa	174 968	301 281	312 009	78.3	3.6
10	Brazil	Americas	227 551	248 805	266 042	16.9	6.9
11	Russian Federation	Europe/Asia	190 712	249 140	262 548	37.7	5.4
12	Egypt	Africa	313 742	253 051	240 039	-23.5	-5.1
13	Thailand	Asia	198 447	224 708	222 500	12.1	-1.0
14	Democratic Republic of the Congo	Africa	230 365	217 000	214 000	-7.1	-1.4
15	Viet Nam	Asia	208 872	206 100	203 500	-2.6	-1.3
Total 15 major countries			6 597 640	8 753 039	9 247 624	40.2	5.7
World total			8 611 840	11 124 401	11 630 320	35.1	4.5
Share 15 major countries (percentage)			76.6	78.7	79.5		

Farmed food fish production by top 15 producers and main groups of farmed species in 2012

Top 15 ac



China

India

Viet Nam

Indonesia

Thailand

Banglade

Norway

Chile

Philippine

Japan

Egypt

Myanmar

United St

Republic o

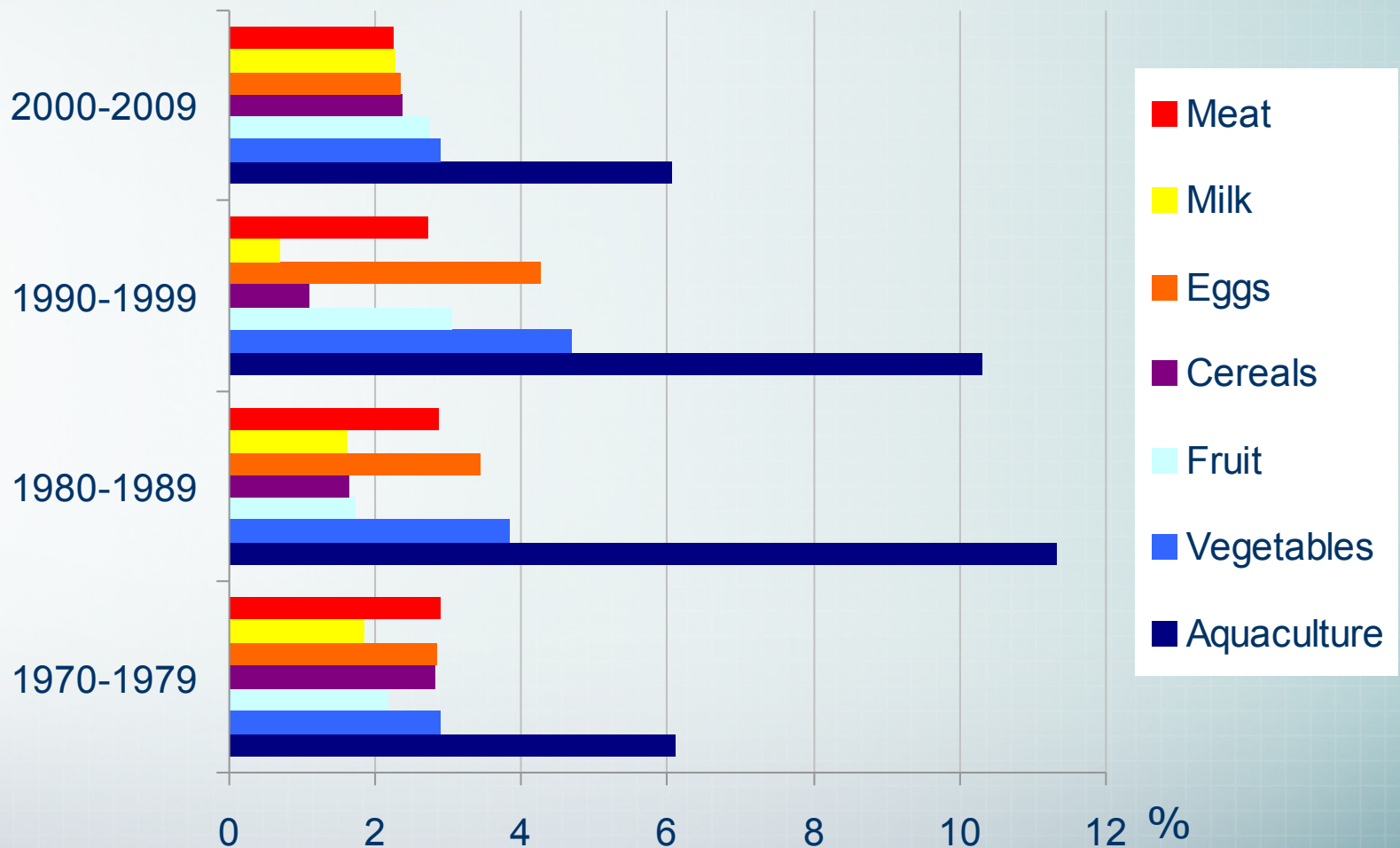
Taiwan Pr

Note: Data e

Producer	Finfish		Crustaceans	Molluscs	Other species	National total	Share in world total
	Inland aquaculture	Mariculture					
	(Tonnes)						
China	23 341 134	1 028 399	3 592 588	12 343 169	803 016	41 108 306	61.7
India	3 812 420	84 164	299 926	12 905	...	4 209 415	6.3
Viet Nam	2 091 200	51 000	513 100	400 000	30 200	3 085 500	4.6
Indonesia	2 097 407	582 077	387 698	...	477	3 067 660	4.6
Bangladesh	1 525 672	63 220	137 174	1 726 066	2.6
Norway	85	1 319 033	...	2 001	...	1 321 119	2.0
Thailand	380 986	19 994	623 660	205 192	4 045	1 233 877	1.9
Chile	59 527	758 587	...	253 307	...	1 071 421	1.6
Egypt	1 016 629	...	1 109	1 017 738	1.5
Myanmar	822 589	1 868	58 981	...	1 731	885 169	1.3
Philippines	310 042	361 722	72 822	46 308	...	790 894	1.2
Brazil	611 343	...	74 415	20 699	1 005	707 461	1.1
Japan	33 957	250 472	1 596	345 914	1 108	633 047	1.0
Republic of Korea	14 099	76 307	2 838	373 488	17 672	484 404	0.7
United States of America	185 598	21 169	44 928	168 329	...	420 024	0.6
Top 15 subtotal	36 302 688	4 618 012	5 810 835	14 171 312	859 254	61 762 101	92.7
Rest of world	2 296 562	933 893	635 983	999 426	5 288	4 871 152	7.3
World	38 599 250	5 551 905	6 446 818	15 170 738	864 542	66 633 253	100

Note: The symbol "... " means the production data are not available or the production volume is regarded as negligibly low.

Annual growth rate Aquaculture vs agriculture



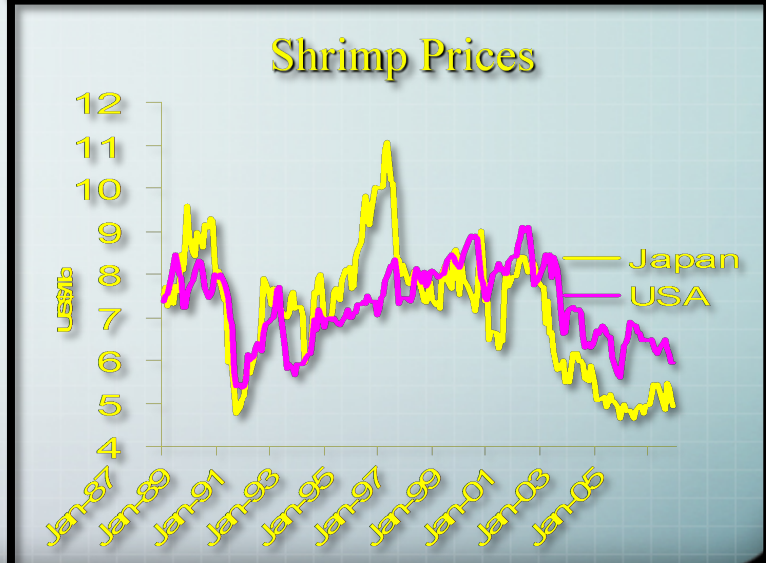
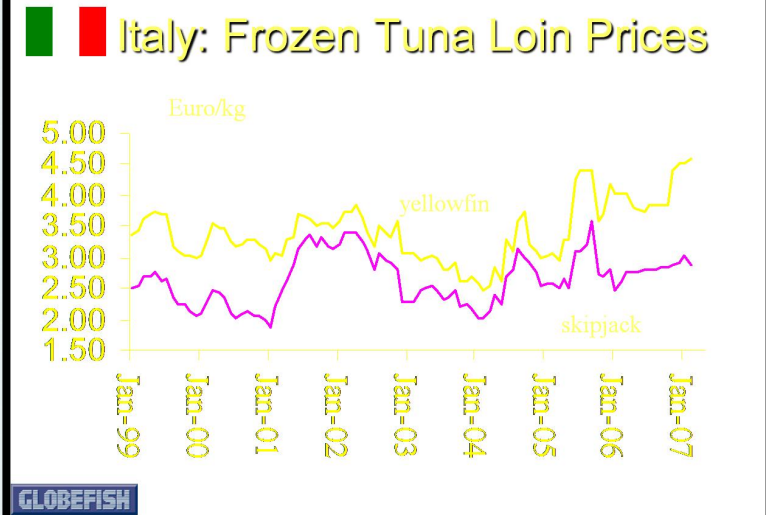
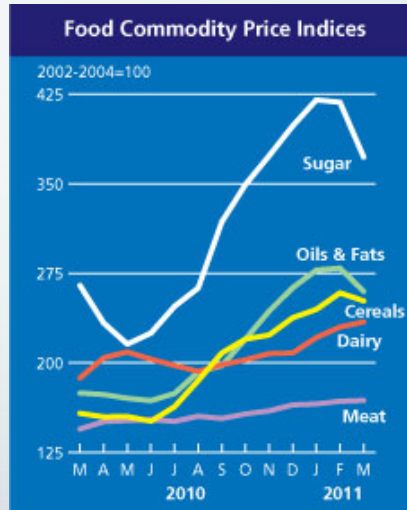
Harga pangan terus melambung

INSIDE THIS WEEK: TECHNOLOGY QUARTERLY

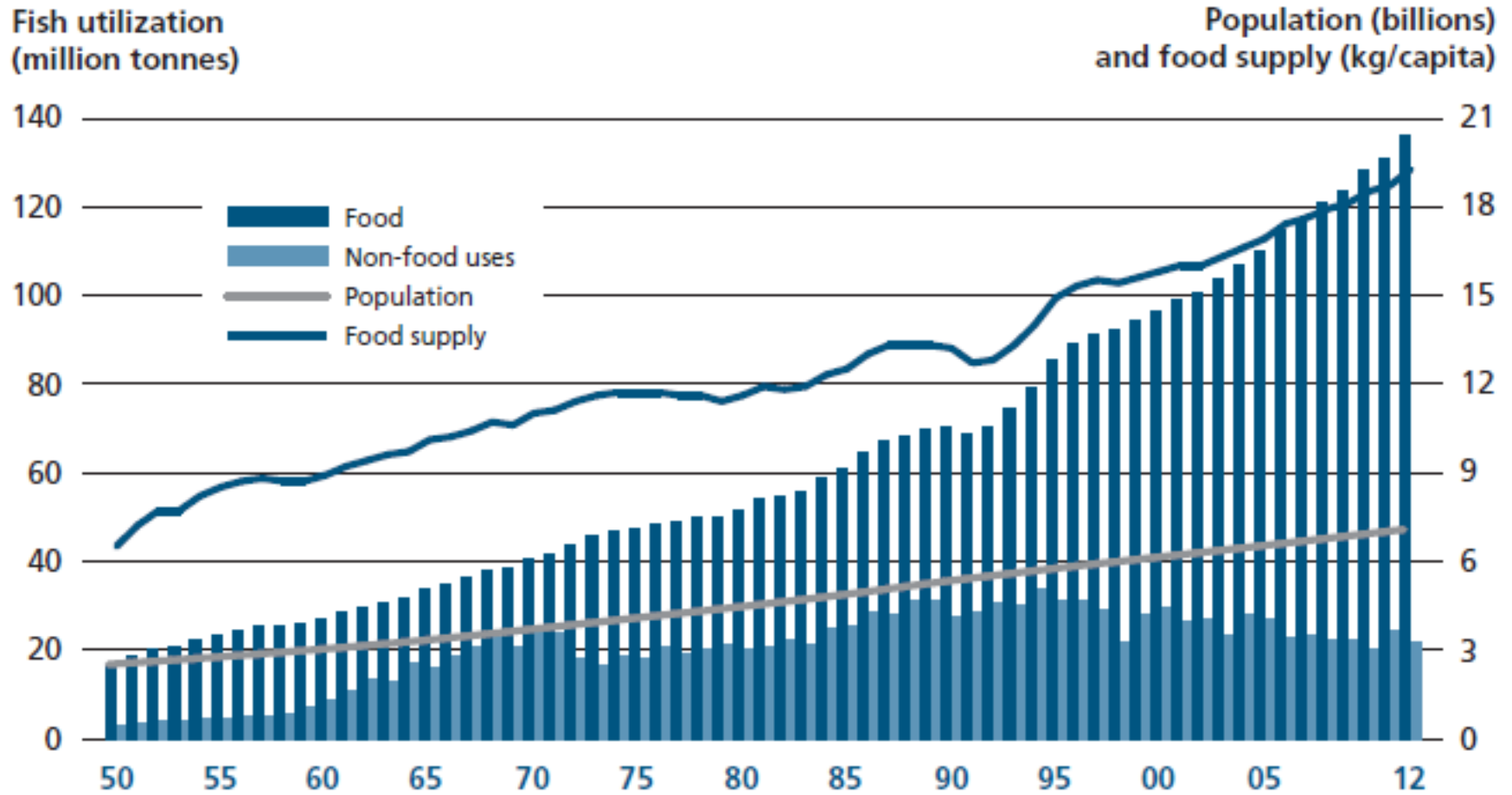
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World fish utilization and supply



Produksi Perikanan Indonesia

Tabel
Table

1.

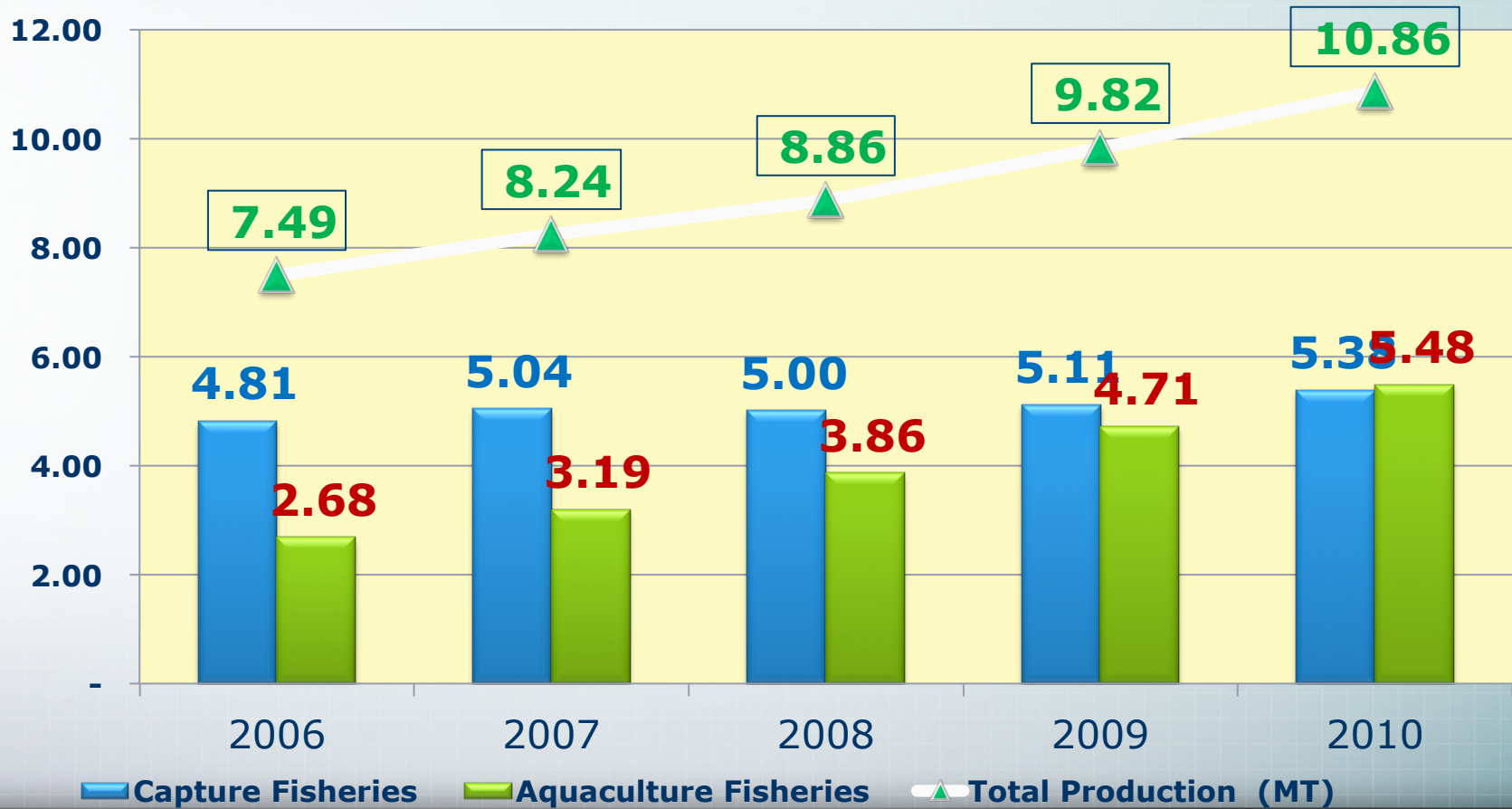
Volume Produksi Perikanan, 2005 - 2009
Production Volume of Fisheries, 2005 - 2009

Satuan : Ton - Unit : MT

RINCIAN - ITEM		TAHUN - YEAR					Kenaikan rata-rata (%) Increasing average (%)			
		2005	2006	2007	2008	2009	2005-2009	2008-2009		
Industri Hulu Primary Industries	VOLUME (Ton) / VOLUME (MT)	6 869 543	7 488 708	8 238 302	8 858 315	9 816 534	9.34	10.82		
	Peri- kapan Tangkap Capture Fisheries	Sub Jumlah / Sub Total	4 705 869	4 806 112	5 044 737	5 003 115	5 107 971	2.09	2.10	
		Perikanan laut - <i>Marine fisheries</i>	4 408 499	4 512 191	4 734 280	4 701 933	4 812 235	2.23	2.35	
		Perairan umum - <i>Inland openwater</i>	297 370	293 921	310 457	301 182	295 736	-0.08	-1.81	
	Perika- nan Bu- didaya Aqua- culture Fisheries	Sub Jumlah / Sub Total	2 163 674	2 682 596	3 193 565	3 855 200	4 708 563	21.47	22.14	
			Budidaya Laut - <i>Marine Culture</i>	890 074	1 365 918	1 509 528	1 966 002	2 820 083	34.41	43.44
			Tambak - <i>Brackishwater pond</i>	643 975	629 610	933 832	959 509	907 123	10.84	-5.46
			Kolam - <i>Freshwater pond</i>	331 962	381 946	410 373	479 167	554 067	13.72	15.63
			Karamba - <i>Cage</i>	67 889	56 200	63 929	75 769	101 771	12.34	34.32
			Jaring Apung - <i>Floating Net</i>	109 421	143 251	190 893	263 169	238 606	23.18	-9.33
	Sawah - <i>Paddy Field</i>	120 353	105 671	85 009	111 584	86 913	-5.65	-22.11		

Sumber / Source : Ditjen Perikanan Tangkap & Ditjen Perikanan Budidaya, KKP

PRODUKSI HASIL PERIKANAN 2006 - 2010

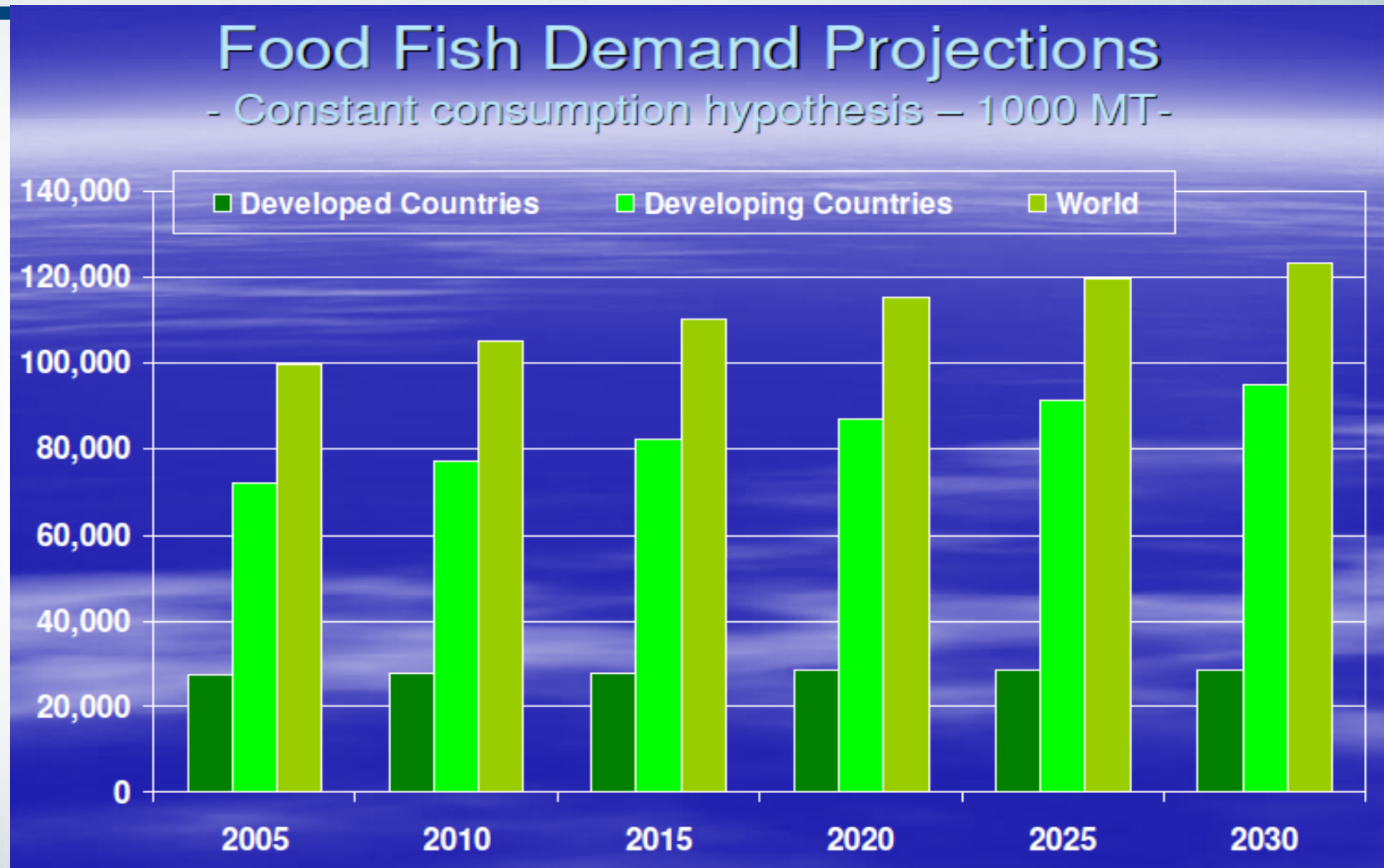


PDB Perikanan

Tabel 4. Produk Domestik Bruto Perikanan Atas Dasar Harga Berlaku dan Harga Konstan Tahun, 2005 - 2009
Table 4. Gross Domestic Product of Fisheries at Current Prices and Constant Prices, 2005 - 2009

LAPANGAN USAHA INDUSTRIAL ORIGIN	TAHUN - YEAR					Kenaikan rata-rata (%) Increasing average (%)	
	2005	2006	2007	2008*)	2009**)	2005 - 2009	
Berdasar harga berlaku At current prices	Kelompok Pertanian / Agriculture Group	364 169.3	433 223.4	541 931.5	716 656.2	857 241.4	24.01
	a. Tanaman Bahan Makanan / Food Crops	181,331.6	214,346.3	265,090.9	349,795.0	419,194.8	23.40
	b. Tanaman Perkebunan / Estate Crops	56,433.7	63,401.4	81,664.0	105,960.5	111,423.1	19.27
	c. Peternakan dan Hasil-hasilnya / Livestock & Its product	44,202.9	51,074.7	61,325.2	83,276.1	104,883.9	24.07
	d. Kehutanan / Forestry	22,561.8	30,065.7	36,154.1	40,375.1	45,119.6	19.13
	e. Perikanan / Fisheries	59,639.3	74,335.3	97,697.3	137,249.5	176,620.0	31.52
	PRODUK DOMESTIK BRUTO (PDB) / Gross Domestic Product (GDP)	2,774,281.1	3,339,216.8	3,950,893.2	4,427,633.5	5,138,955.2	19.34
	PDB TANPA MIGAS / GDP Without Oil & Gas	2,458,234.3	2,967,040.3	3,534,406.5	4,427,193.3	5,146,512.1	20.33
	Persentase PDB Perikanan / Fisheries GDP Sharring						
	Persentase terhadap kelompok pertanian / To Agriculture group	16.38	17.16	18.03	19.17	20.71	6.06
	Persentase terhadap PDB / To GDP	2.15	2.23	2.47	2.77	3.15	10.25
	Persentase terhadap PDB tanpa Migas / To GDP Without Oil & Gas	2.43	2.51	2.76	3.10	3.44	9.29
	Berdasar harga konstan thn 2000 At 2000 Constant Prices	Kelompok Pertanian / Agriculture Group	253 881.7	262 402.8	271 586.9	284 619.7	295 933.7
a. Tanaman Bahan Makanan / Food Crops		125 801.8	129 548.6	133 888.5	142 000.4	149 057.8	4.27
b. Tanaman Perkebunan / Estate Crops		39 810.9	41 318.0	43 199.2	44 783.9	45 608.3	3.62
c. Peternakan dan Hasil-hasilnya / Livestock & Its product		32 346.5	33 430.2	34 220.7	35 425.3	36 648.9	3.24
d. Kehutanan / Forestry		17 176.9	16 686.9	16 548.1	16 543.3	16 843.6	-0.55
e. Perikanan / Fisheries		38 745.6	41 419.1	43 652.8	45 866.2	47 775.1	5.64
PRODUK DOMESTIK BRUTO (PDB) / Gross Domestic Product (GDP)		1 750 815.2	1 847 126.7	1 964 327.3	2 082 456.1	2 177 741.7	5.60
PDB TANPA MIGAS / GDP Without Oil & Gas		1 605 261.8	1 703 422.4	1 821 757.7	1 939 625.9	2 035 894.4	6.11

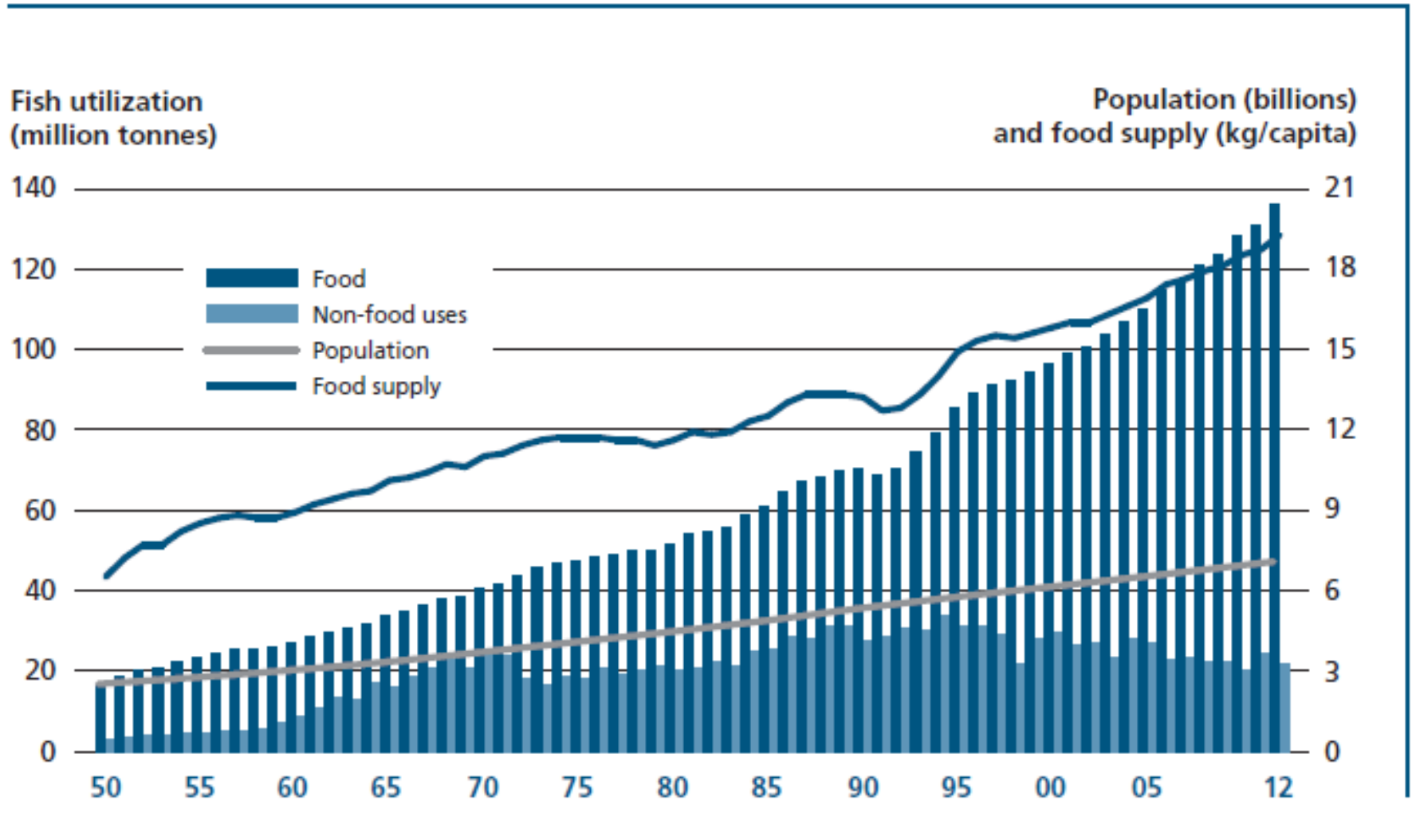
Permintaan ikan dunia



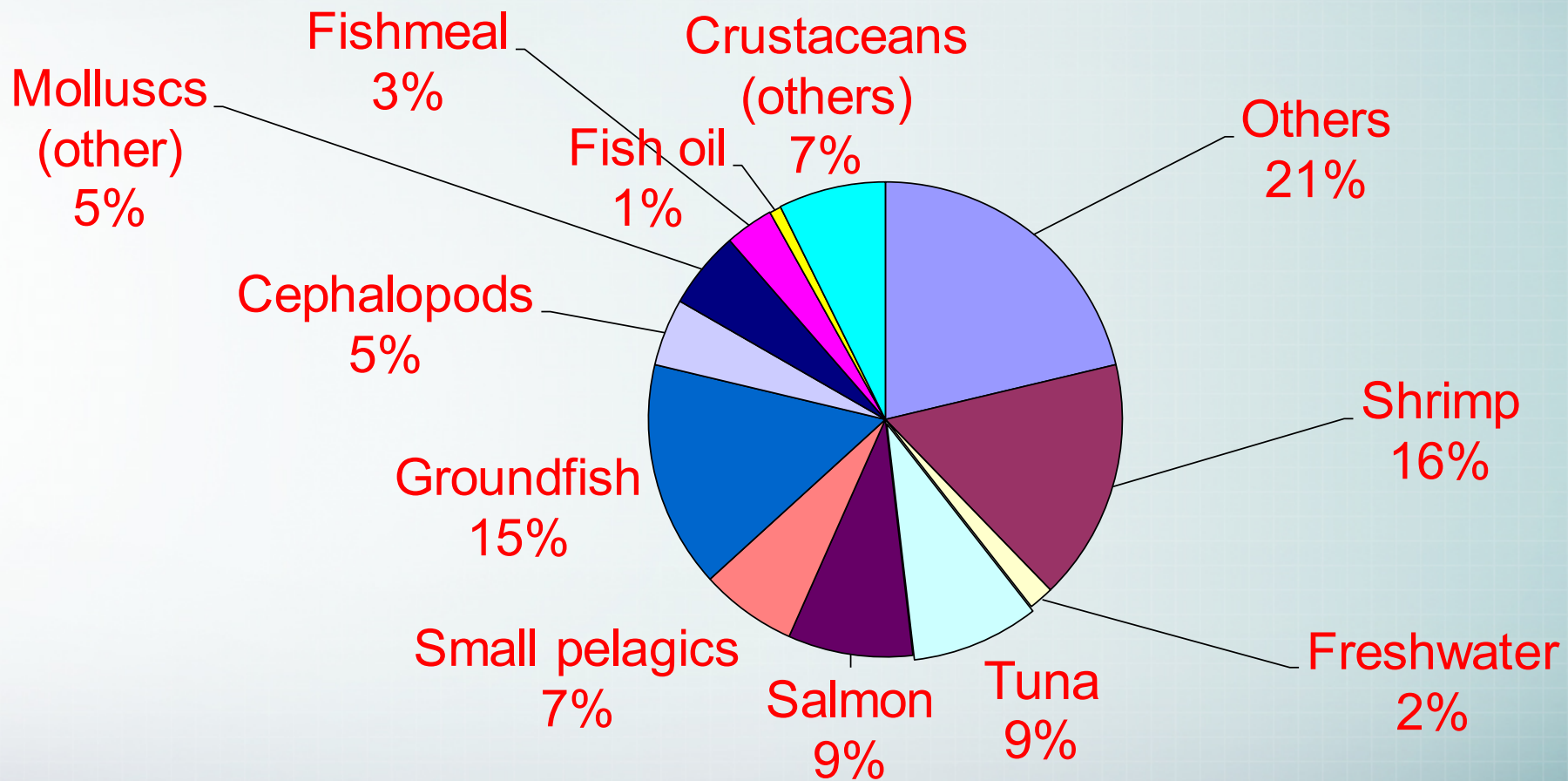
Sumber: Josupeit and Franz 2003

Utilization of fish production and per capita fish supply

World fish utilization and supply



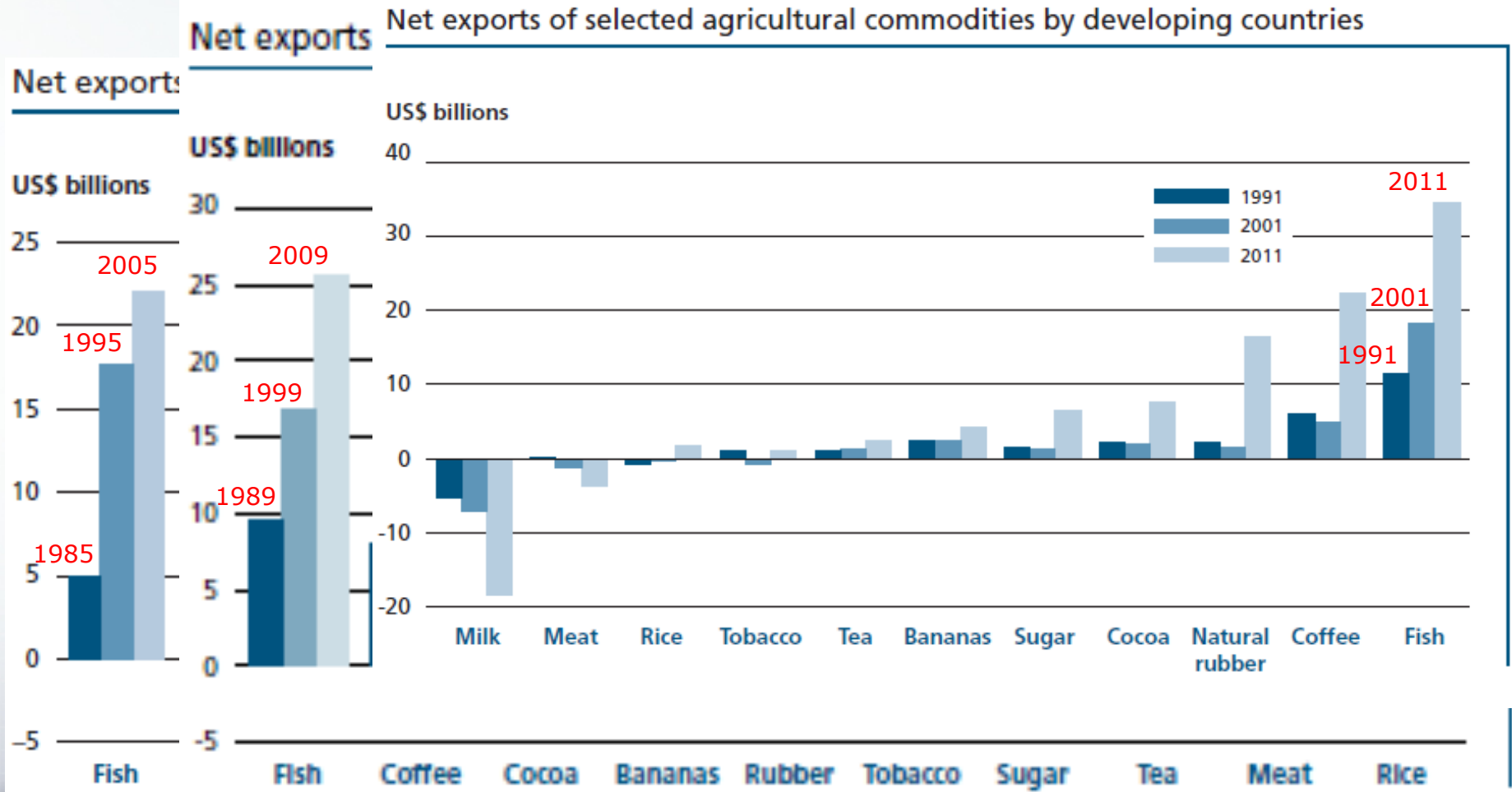
Fish Exports in Value (2004)



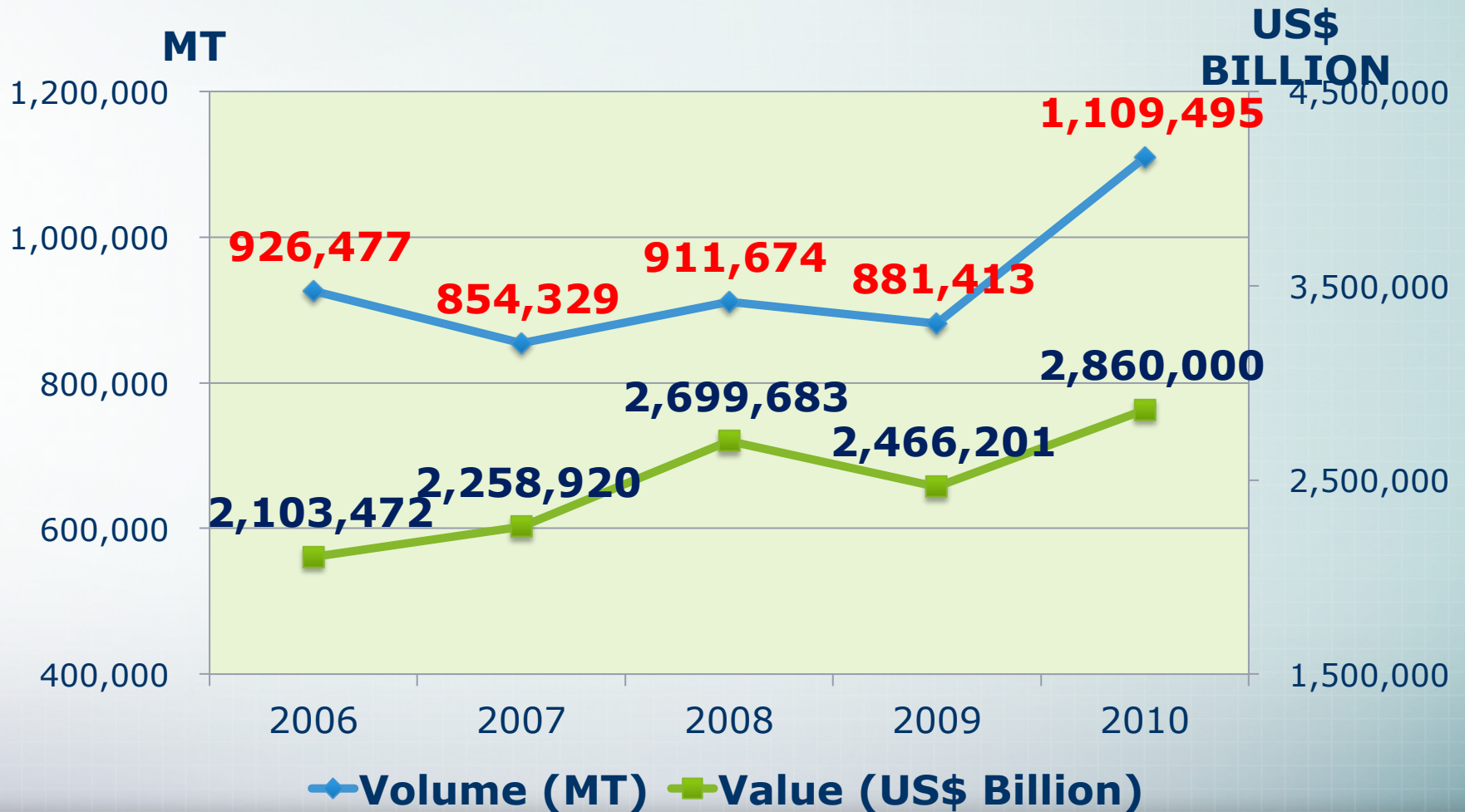
Sumber: Josupeit 2006

Perikanan mendominasi ekspor produk pangan

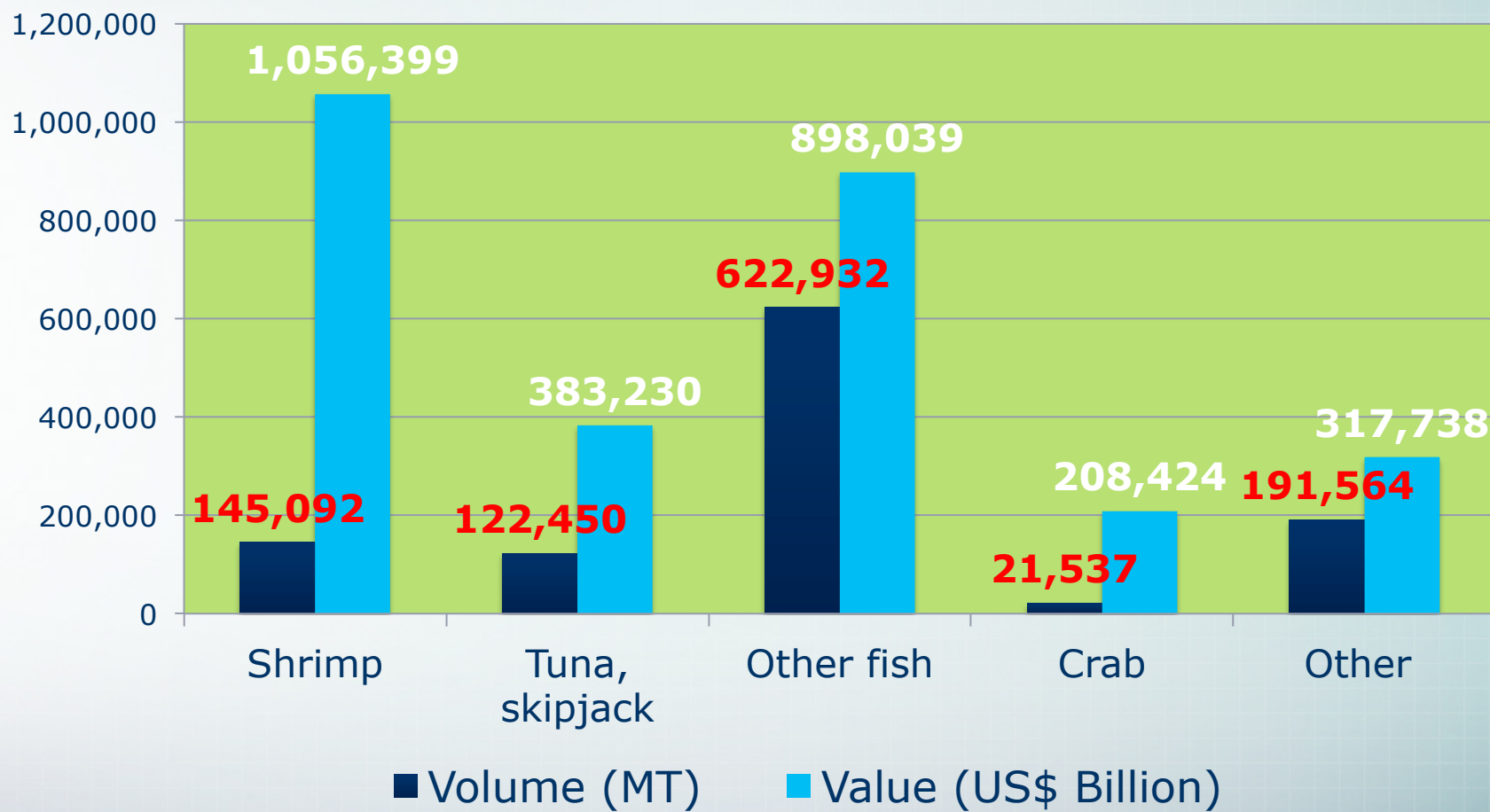
Perikanan = komoditas ekspor



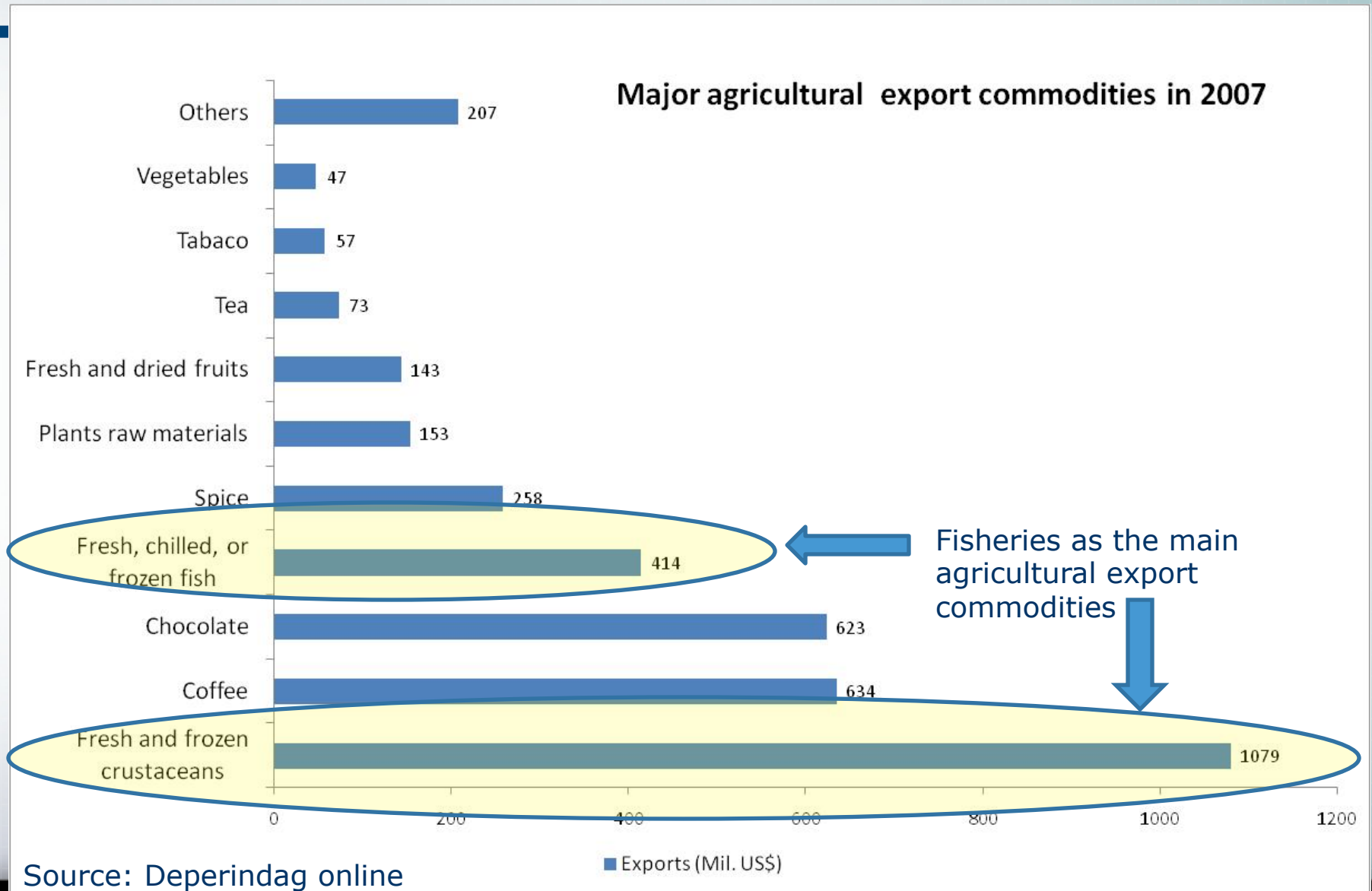
EKSPOR HASIL PERIKANAN 2006 - 2010



EKSPOR KOMODITAS UTAMA, 2010

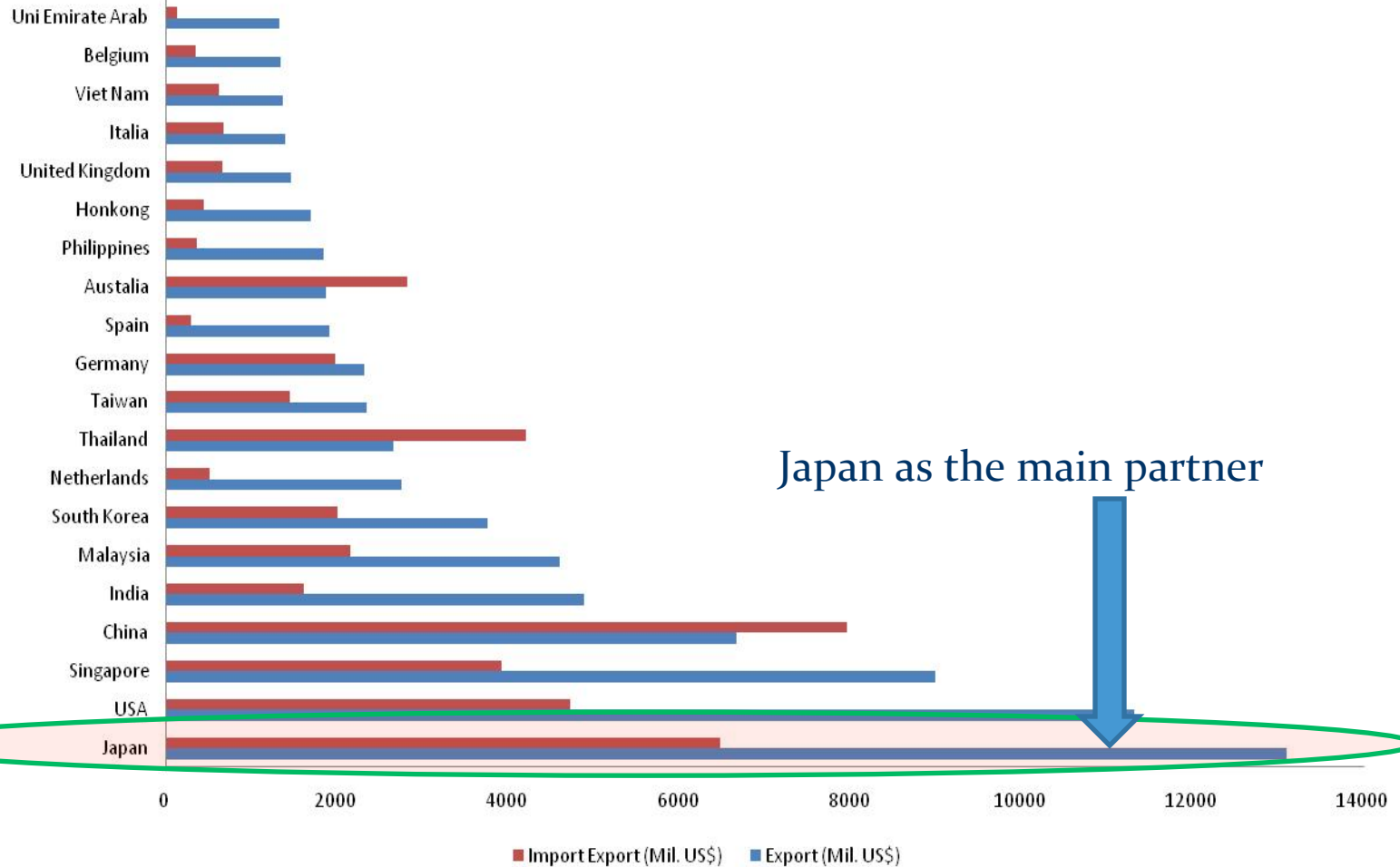


Ekspor komoditas pangan Indonesia



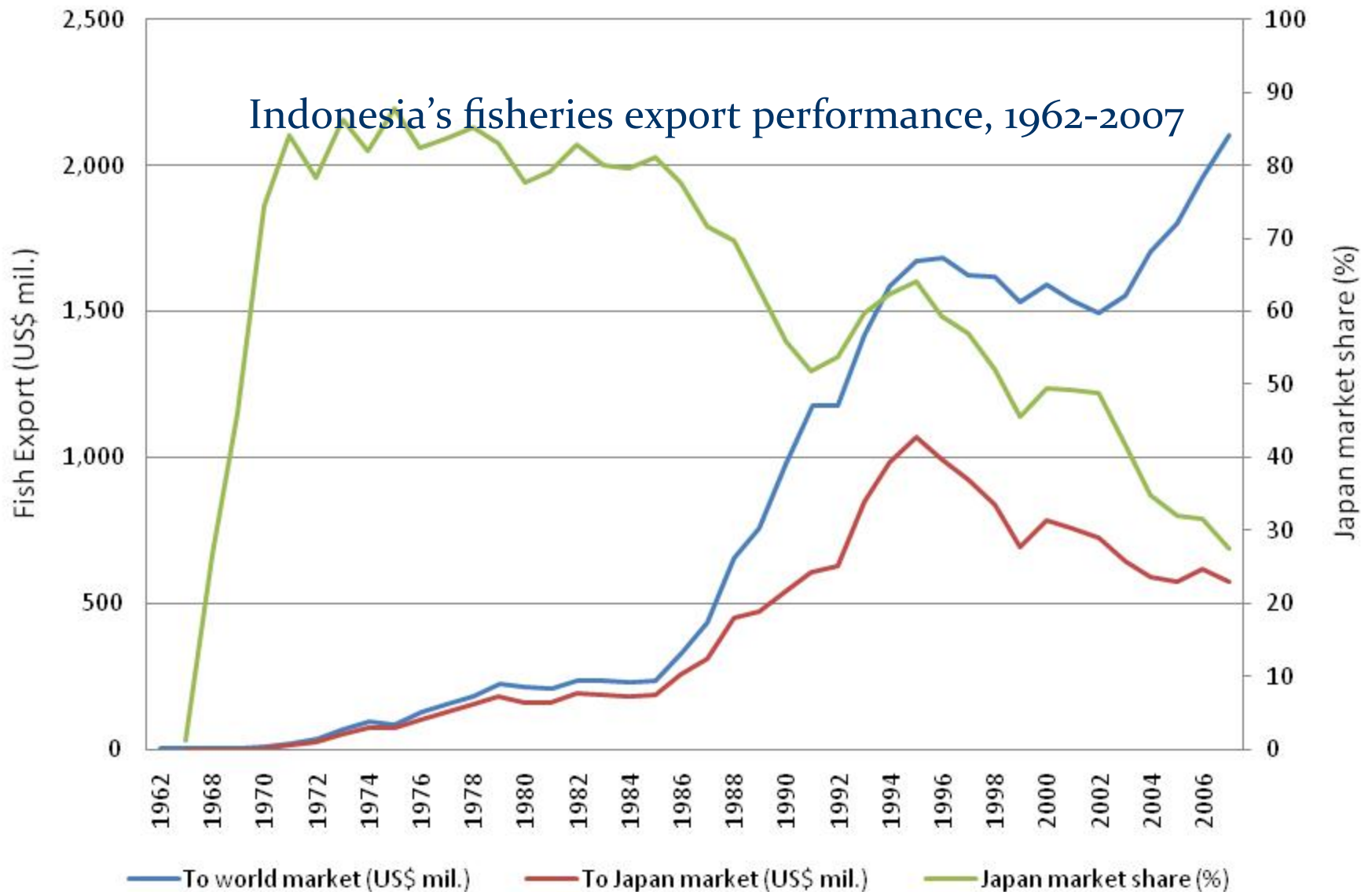
Negara tujuan ekspor produk perikanan Indonesia

Indonesia's major partner in export and import of non-oil commodities in 2007

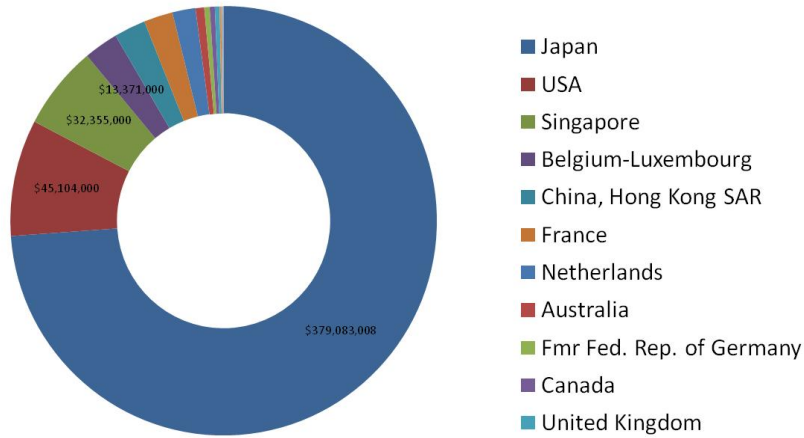


Japan as the main partner

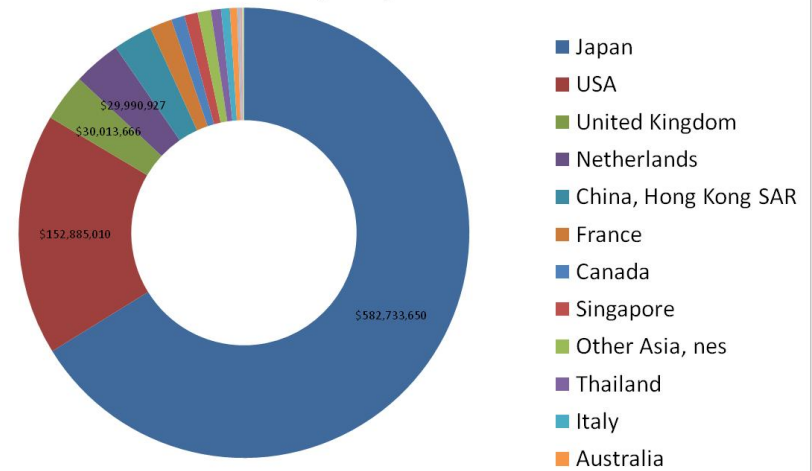
Indonesia's fisheries export performance, 1962-2007



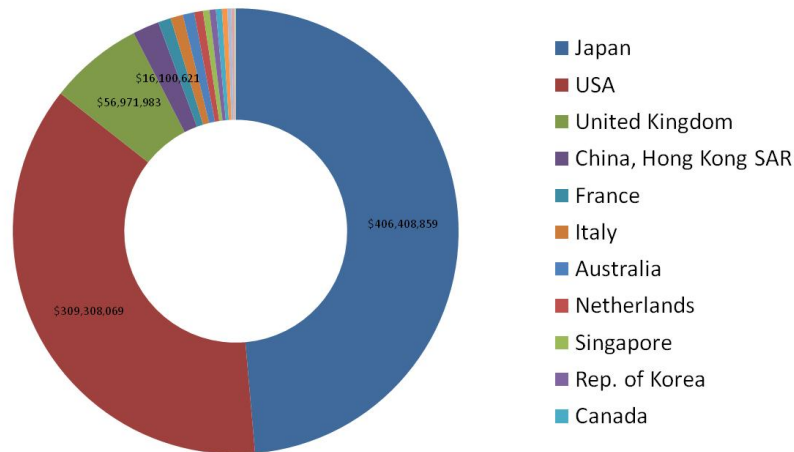
Export Value of Frozen Shrimp and Prawn in 1989 (US\$)



Export Value of Frozen Shrimp and Prawn in 2000 (US\$)



Export Value of Frozen Shrimp and Prawn in 2006 (US\$)

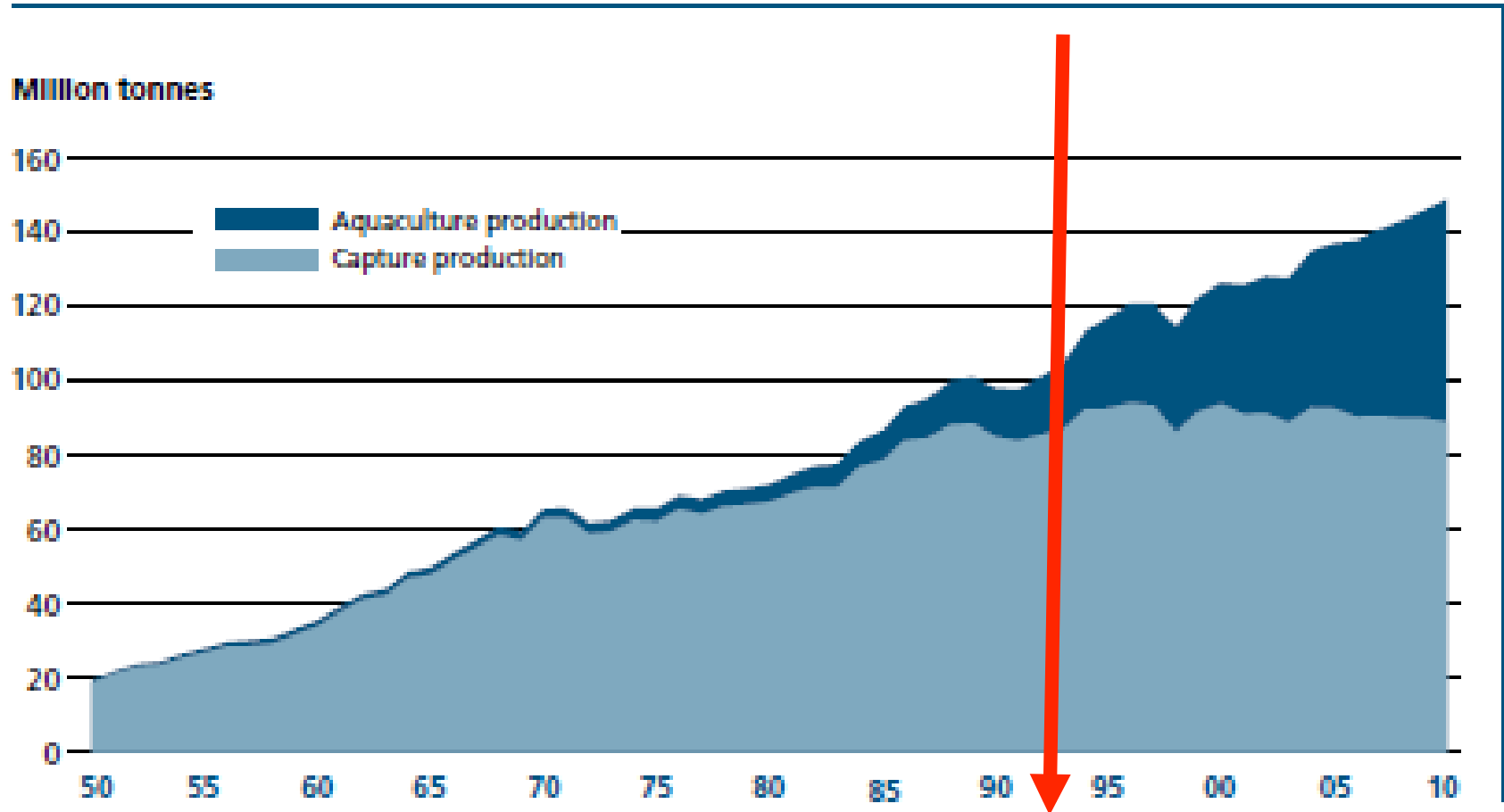


Indonesian Shrimps Export Strategies

Tantangan Supply / Stok Sumberdaya Ikan

Perikanan Tangkap menurun laju pertumbuhannya!

World capture fisheries and aquaculture production



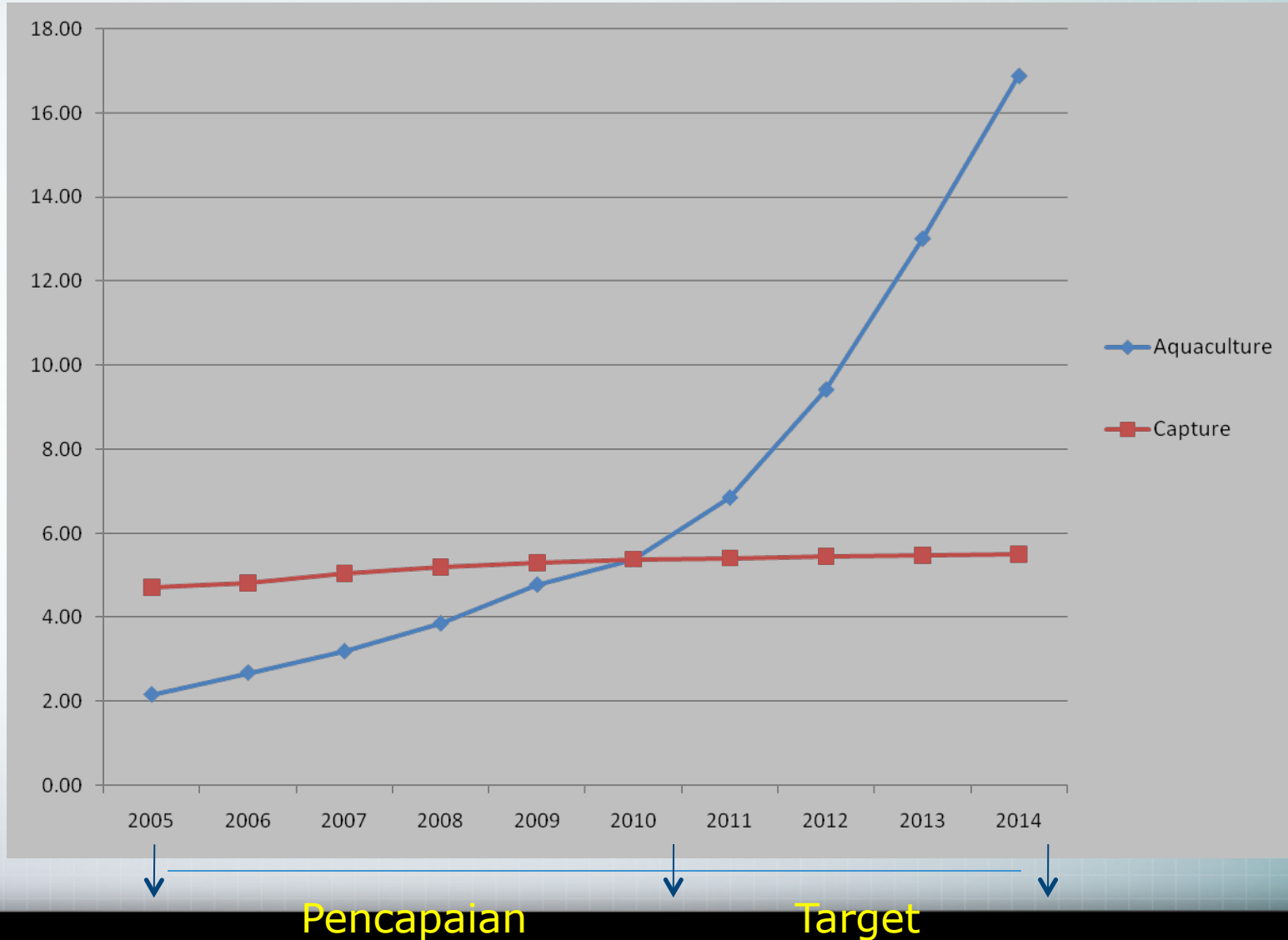
Fisheries toward a limits on growth

Period	Production		Fishers		Fishing vessels				Productivity			
	Average (ton)	Growth (%)	Average (people)	Growth (%)	Average (units)	Growth (%)	Motorized boat		Fishers		Vessels	
							(%)	Growth (%)	(ton/fishers)	Growth (%)	(ton/vessels)	Growth (%)
1951-1955	375,200	6.2	389,200	9.4	97,340	11.6	0.5	57.1	1.0	-3.0	3.9	-4.8
1956-1960	413,400	-0.4	619,000	12.6	154,220	6.9	1.2	17.7	0.7	-11.5	2.7	-6.8
1961-1965	574,600	5.9	859,000	2.6	219,940	4.8	2.9	10.2	0.7	3.2	2.6	1.1
1966-1970	734,800	2.9	866,500	n.a.	266,342	5.4	2.7	-12.2	0.8	n.a.	2.8	-2.4
1971-1975	898,200	5.0	n.a.	n.a.	270,024	-2.5	4.3	23.4	n.a.	n.a.	3.4	7.7
1976-1980	1,236,000	6.6	910,571	8.0	254,029	2.8	10.9	23.5	1.4	-1.3	4.9	3.7
1981-1985	1,623,200	6.7	1,279,102	2.4	306,664	1.7	28.0	6.4	1.3	4.2	5.3	4.9
1986-1990	2,150,347	5.4	1,427,071	2.9	318,095	0.0	31.1	0.0	1.5	2.4	6.0	3.4
1991-1995	2,897,800	6.7	1,814,857	4.7	380,805	-0.8	36.5	3.2	1.6	2.0	7.6	3.3
1996-2000	3,642,200	3.0	2,262,590	4.9	427,948	1.8	44.9	5.2	1.6	-1.8	8.5	1.0
2001-2005	4,230,356	2.7	2,370,315	-5.3	512,443	4.4	60.2	13.0	1.7	4.4	8.3	-1.6

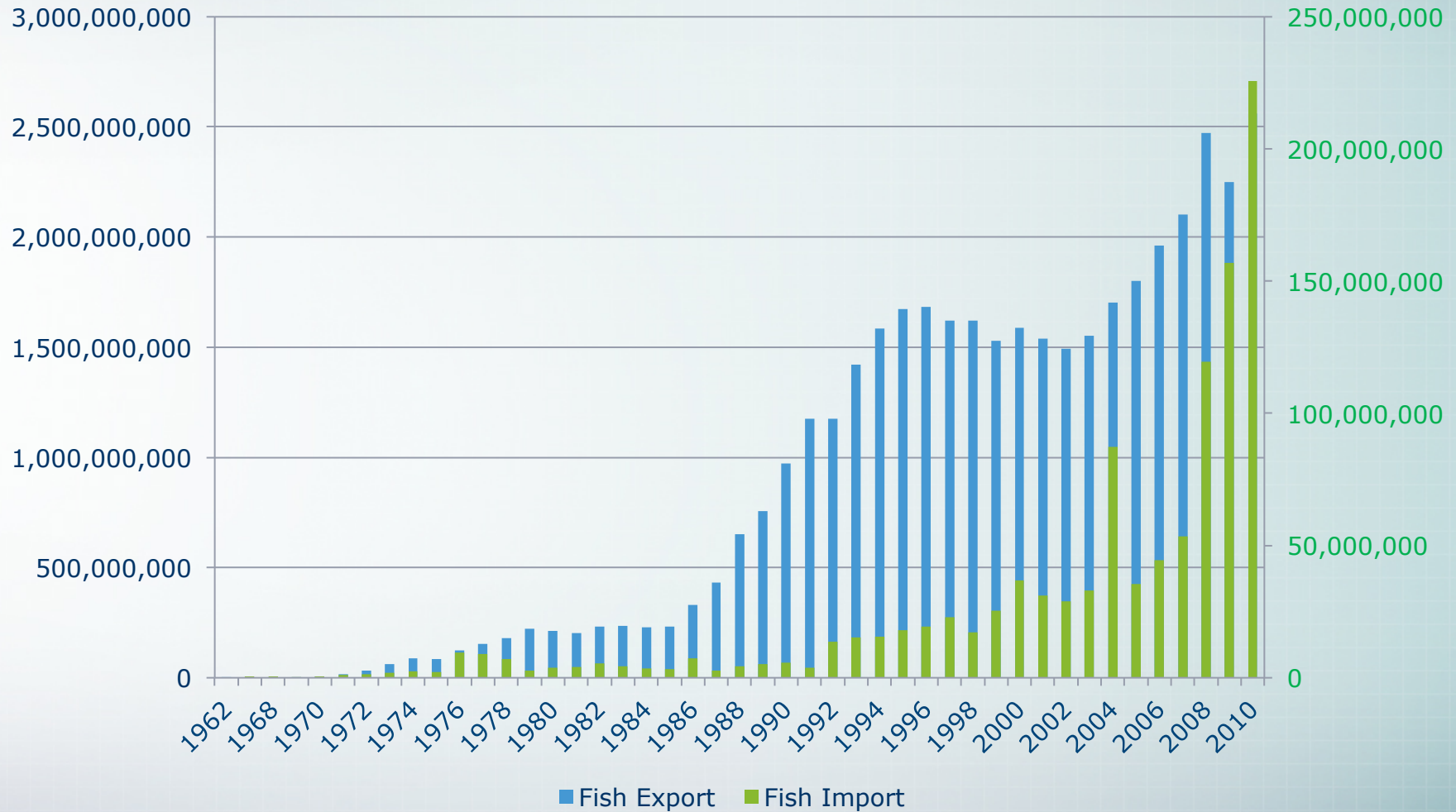
Sources: Calculated from various series of Fisheries Statistics, Krisnandhi 1967

GRAFIK TARGET LAJU PENINGKATAN PRODUKSI PERIKANAN BUDIDAYA 2005-2014

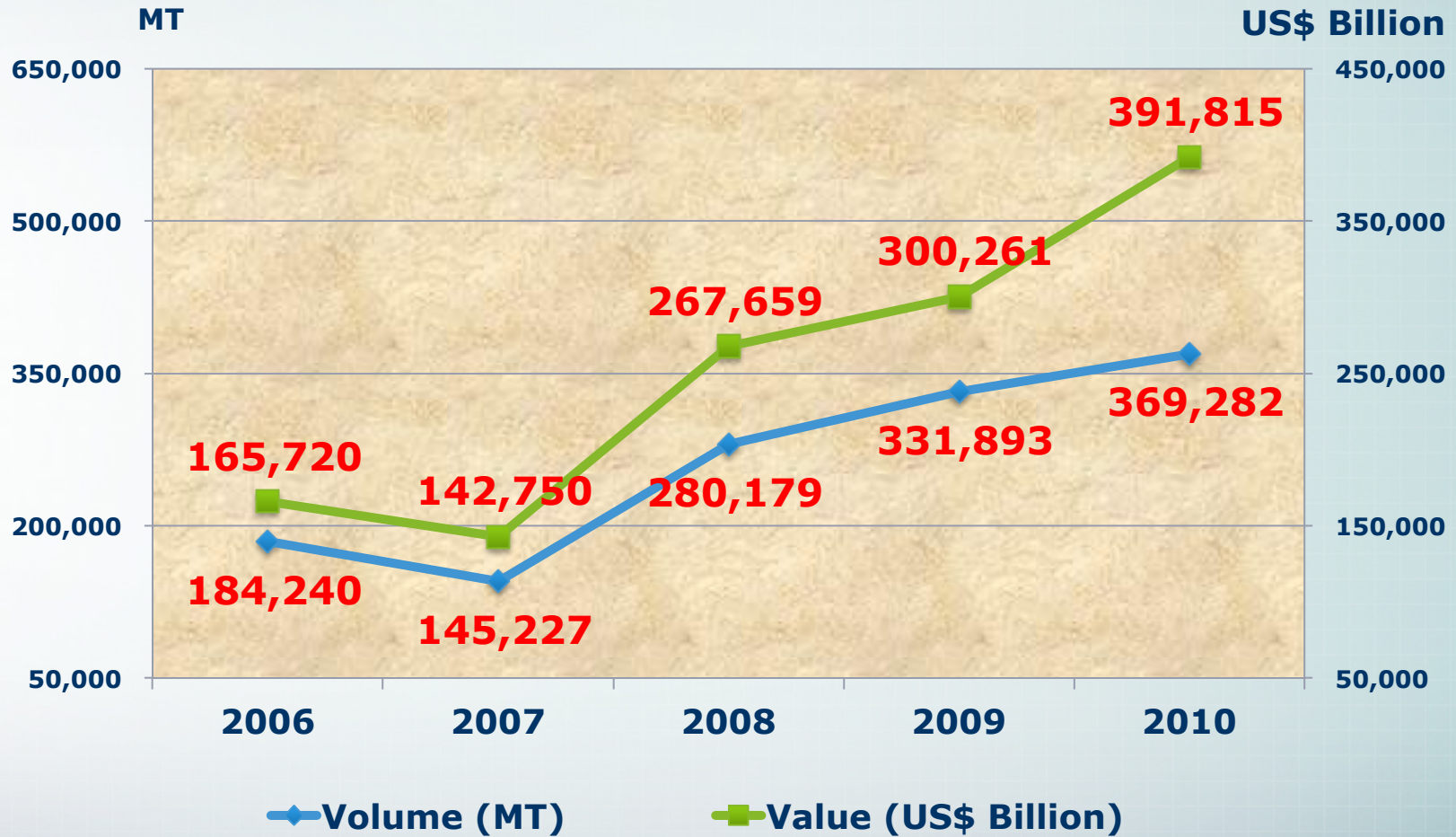
Produksi
(Juta
Ton)



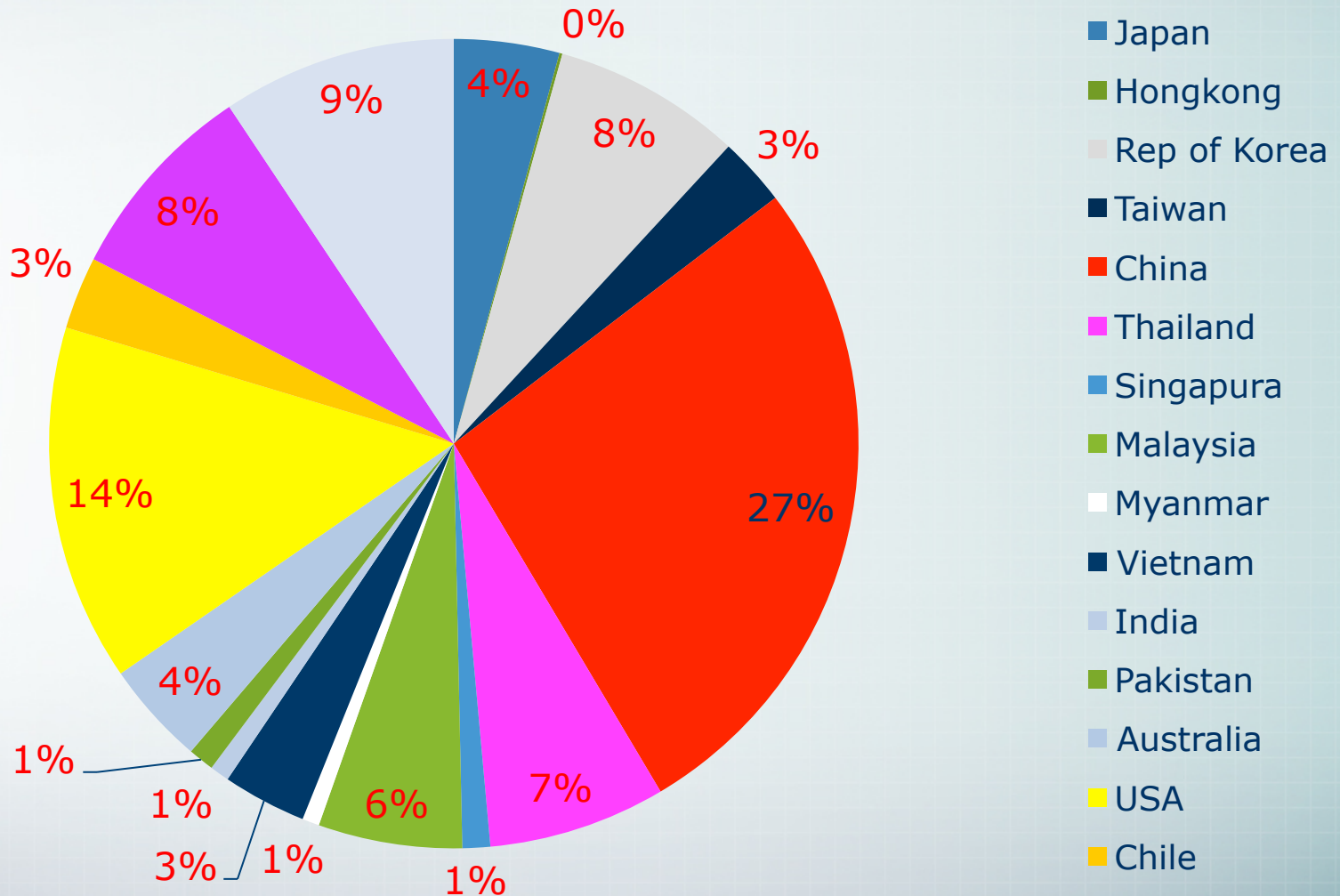
Ekspor - Impor Perikanan (US\$)



NILAI IMPOR HASIL PERIKANAN 2006 - 2010



Importir Ikan di Indonesia





TERIMA KASIH