

Pigeonpea Global Situation



MG Mula

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History of Pigeonpea Initiative by Region

a. Asia

- * 1st documented research started in 1931 in India (Mahala and Dave)
- * 1st scientific breeding started in 1933 in India (Shaw); 86 accessions were morphologically and agronomically described.
- * 1st pigeonpea hybrid (GMS) was released by ICRISAT and ICAR in 1991 in India.
- * 1st pigeonpea hybrid (CMS) was achieved in 2005 by ICRISAT.

History... continuation

b. Africa

- * 1st pigeonpea breeding program started in 1968 (Makarere University, Uganda) by evaluating 5,400 germplasms.
- * In 1975, University of Nairobi, Kenya started the pigeonpea research which centered on collection, evaluation and selection of germplasm.
- * In 1998, ICRISAT expanded its studies by using improved pigeonpea cultivars from India and Kenya under rainfed condition at the Mpumalanga Province in South Africa.

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History ... continuation

c. Americas and the Caribbean

- * In the Caribbean, Research program started in 1934 (Imperial College of Tropical Agriculture).
- * In the Americas, variety named 'New Era' was released in 1920 (University of Hawaii) for fodder purpose.

d. Oceania

- * In Australia, research as fodder started in early 70's while research for the grain product started in 1978.

Global Condition

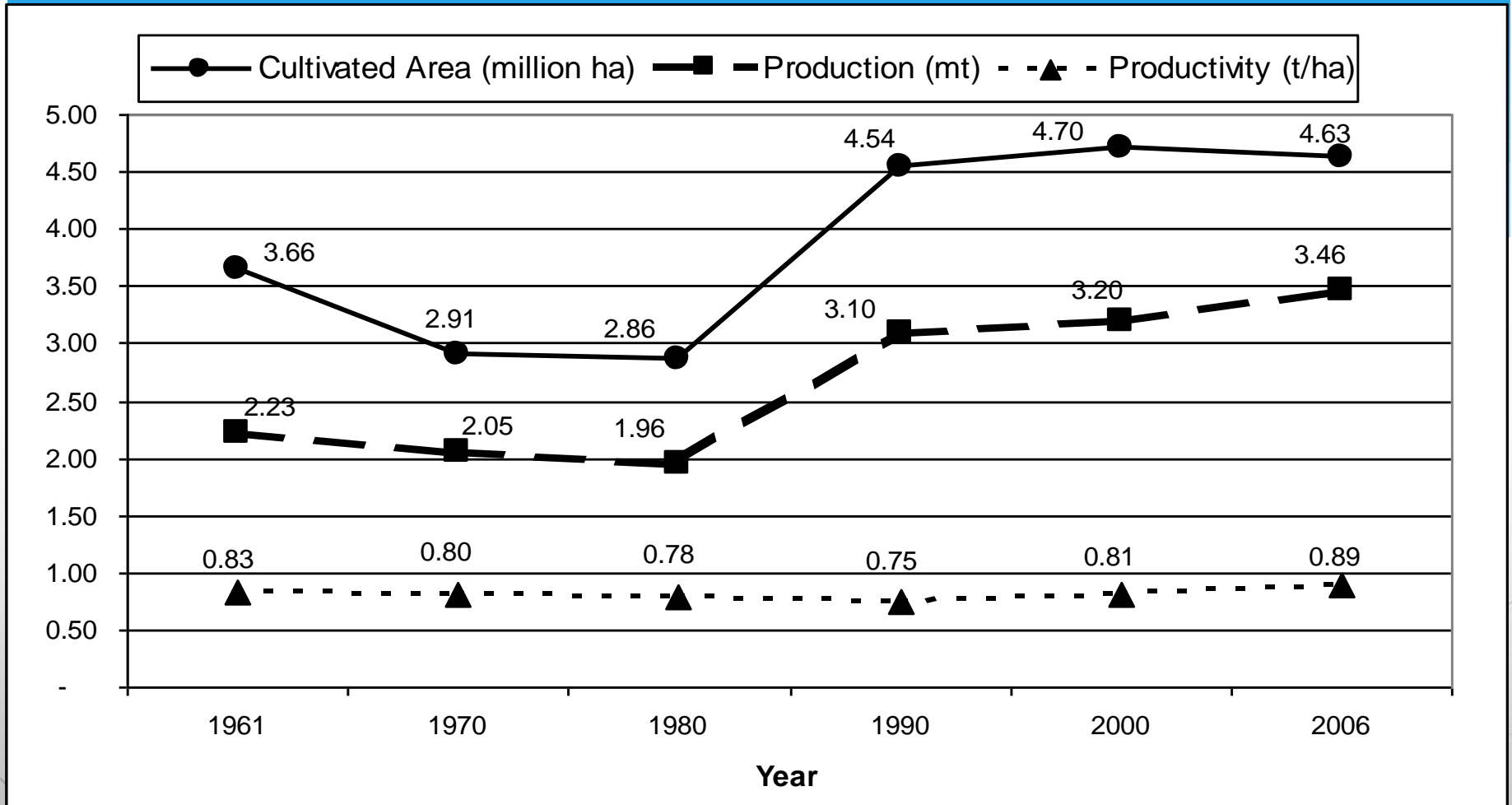


Figure1. Global pigeonpea area, production and productivity (FAOStat, 2008).

Area by Region

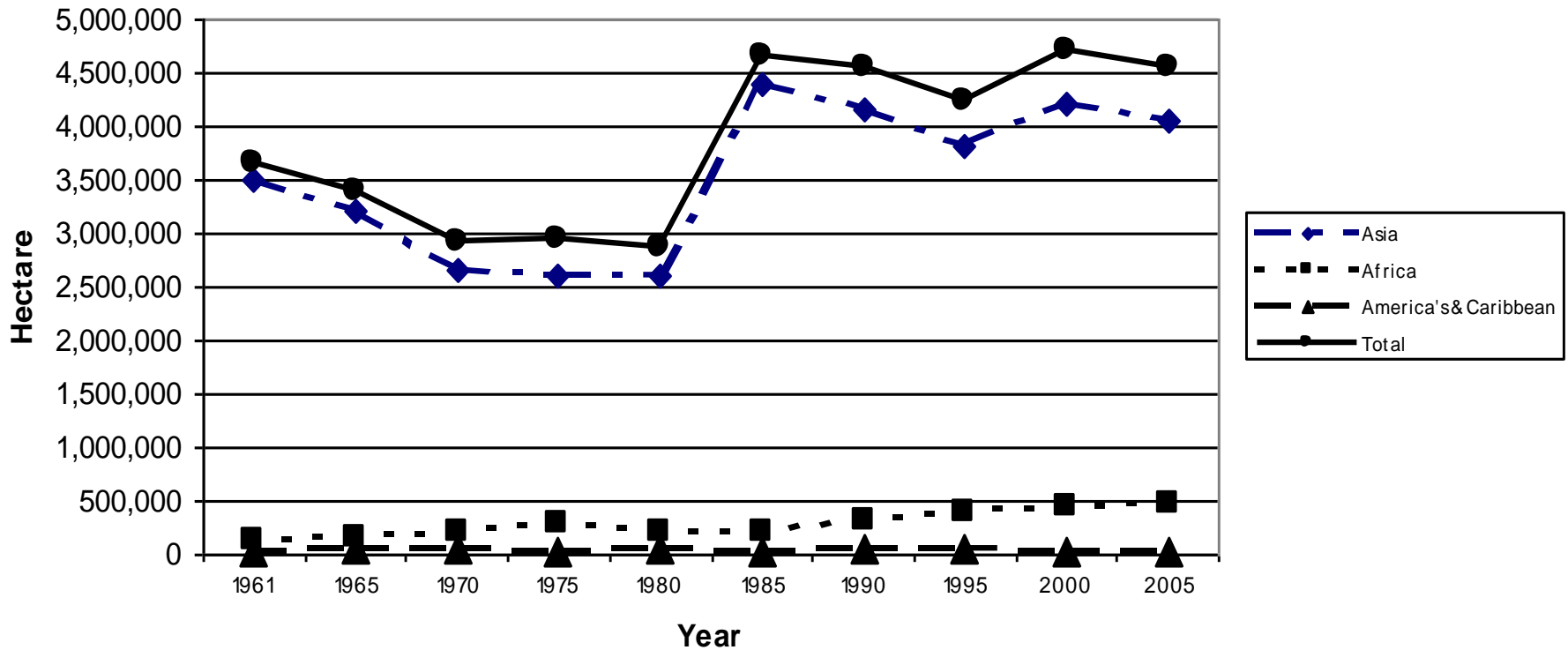


Figure 2. Global trend of area (ha) cultivated with pigeonpea by region (1961-2005).

Production by Region

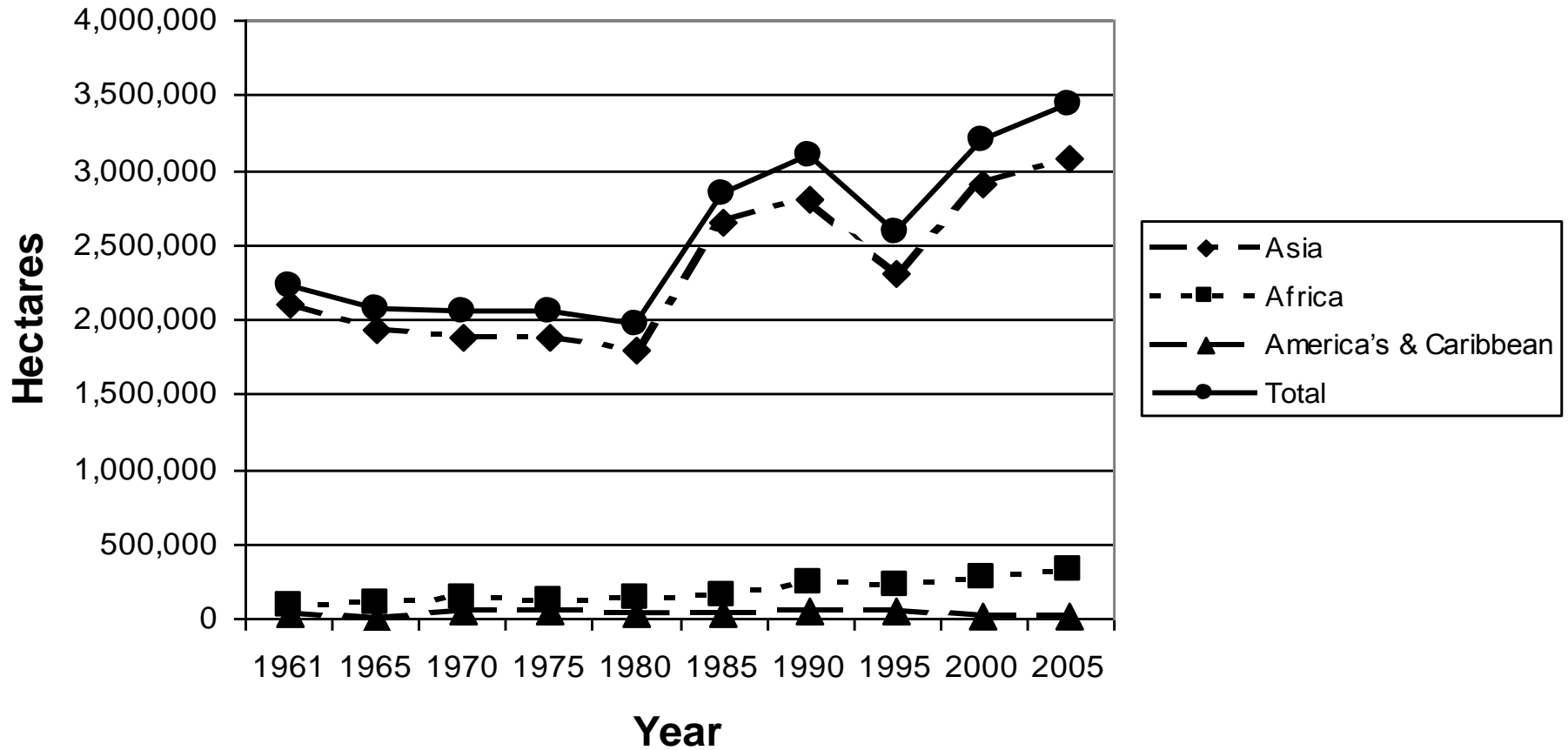


Figure 3. Global production (t) trend of pigeonpea by region (1961-2005).

Productivity by Region

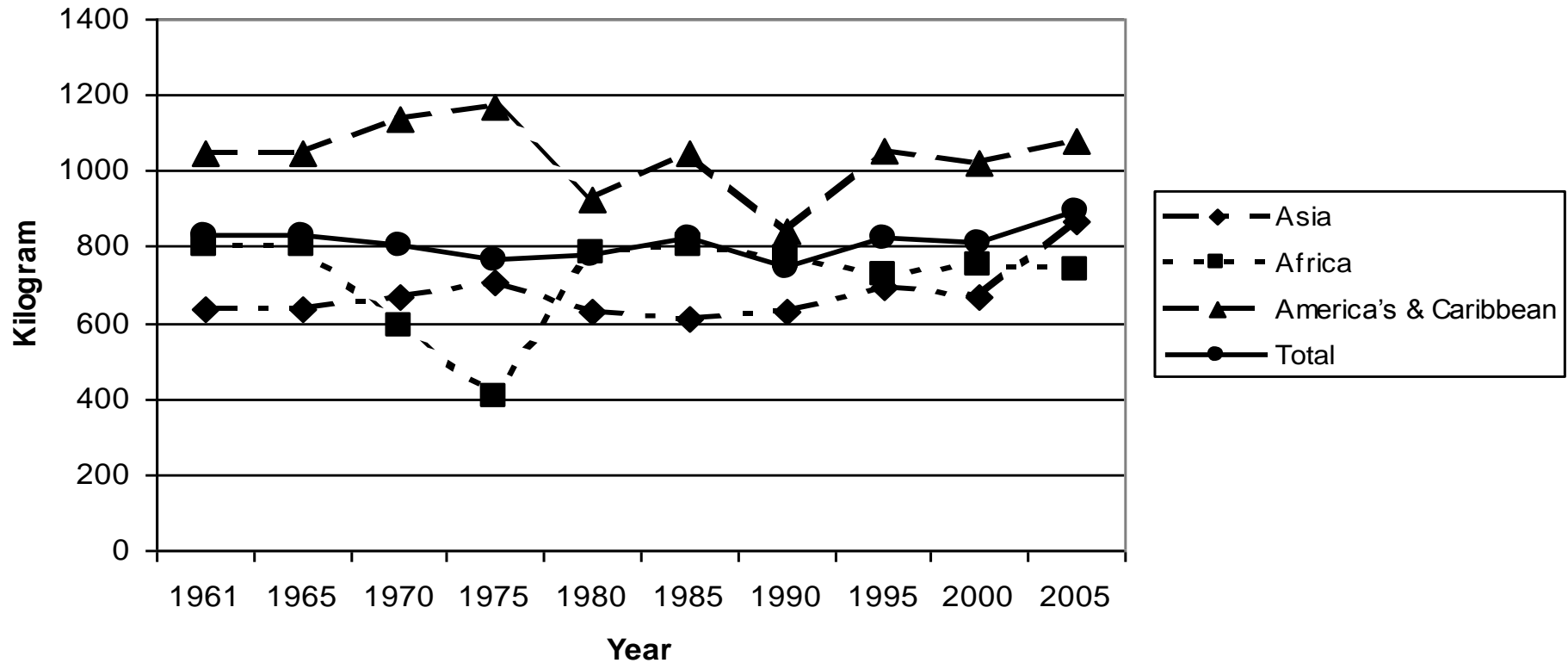


Figure 4. Global productivity (kg/ha) trend of pigeonpea by region (1961-2005).

Major Producing Countries

Region	Country (21)
Asia (5)	Bangladesh, India, Myanmar, Nepal, Pakistan
Africa (7)	Burundi, Comoros, Congo, Kenya, Malawi, Tanzania, Uganda
Americas and Caribbean (9)	Bahamas, Dominican Republic, Grenada, Haiti, Jamaica, Panama, Puerto Rico, Trinidad and Tobago, Venezuela

Minor Producing Countries

Region	Country (103)
Africa (36)	Angola, Benin, Botswana, Burkina Faso, Cameroon, Cape Verde, Côte d'Ivoire, Egypt, Ethiopia, Eritrea, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Madagascar, Madeira, Mali, Mauritius, Mozambique, Niger, Nigeria, Rwanda, Saint Helena; São Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Togo, Zaire, Zambia, Zimbabwe.
America's and Caribbean (35)	Anguilla, Antigua and Barbuda, Argentina, Barbados, Belize, Bermuda Islands, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Dominica, Ecuador, El Salvador, French Guyana, Guadeloupe, Guatemala, Guyana, Honduras, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Paraguay, Peru, St. Croix, Saint Kitts and Nevis, Saint Lucia, Saint Thomas, Saint Vincent, Suriname, Turks and Caicos Islands, USA (Florida, Oregon and Virginia).
Asia (16)	Afghanistan, Bhutan, Cambodia, China, Hongkong, Indonesia, Japan, Laos, Malaysia, Philippines, Sri Lanka, Taiwan, Thailand, USSR, Vietnam, United Arab Emirates.
Oceania (16)	Australia, Caroline Island, Cook Islands, Federated States of Micronesia, Fiji, French Polynesia, Guam, Hawaii, Mariana Islands, Nauru, New Caledonia, Niue, Papua New Guinea, Pitcairn Island, Solomon Islands, Tonga.

Market Trends

Status of pigeonpea exported by region and by country (1961-2004).

Region/Country	Cumulative Export Data									
	60s (’61 – ’69)		70s (’70 – ’79)		80s (’80 – ’89)		90s (’90 – ’99)		20s (’00 – ’09)	
	Qty (t)	Value (000\$)	Qty (t)	Value (000\$)	Qty (t)	Value (000\$)	Qty (t)	Value (000\$)	Qty (t)	Value (000\$)
Asia	90905	12573	52658	13462	4327	2741	21442	9565	887793*	389631*
Myanmar	80863	10825	48631	12344	-	-	20160	8482	887793	389.631
India	10042	1748	4027	1118	1552	1534	1282	1083	-	-
Nepal	-	-	-	-	2775	1207	-	-	-	-
Africa	147507	13427	83873	18660	143855	48951	98788	29828	522	266
Malawi	147507	13427	83873	18660	143855	48951	98788	29828	522	266
America’s & Caribbean	2411	408	54	22	13675	12795	6606	5534	612	714
Barbados	-	-	-	-	10	9	-	-	-	-
Dominican Republic	2411	408	29	11	13659	12781	6006	5534	612	714
Jamaica	-	-	25	11	6	5	-	-	-	-
Total	240823	26408	136585	32144	161857	64487	126236	44927	888927	390611

Data of imported pigeonpea by region and by country.

Region/Country	Cumulative Import Data									
	60s ('67 – '69)		70s ('70 – '79)		80s ('80 – '89)		90s ('90 – '99)		20s ('00 – '09)	
	Qty (t)	Value (000\$)	Qty (t)	Value (000\$)	Qty (t)	Value (000\$)	Qty (t)	Value (000\$)	Qty (t)	Value (000\$)
Asia	570	78	5,169	939	39,591	13,829	220	738	884,308	388,641.363
Bangladesh	-	-	-	-	-	-	-	-	315	148.573
Bahrain	-	-	-	-	-	-	-	-	8	4.2
China	-	-	-	-	-	-	-	-	26,542	12,424.409
Indonesia	-	-	-	-	-	-	-	-	48	25.2
Japan	-	-	-	-	-	-	-	-	3,976	1,712.7
Korea	-	-	-	-	-	-	-	-	248	130.2
Kuwait	-	-	-	-	-	-	-	-	148	77.7
Malaysia	-	-	-	-	-	-	-	-	79	41.47
Pakistan	-	-	-	-	-	-	-	-	1,902	836.469
Qatar	-	-	-	-	-	-	-	-	24	12.6
Saudi Arabia	-	-	-	-	-	-	-	-	295	130.533
Singapore	-	-	-	-	-	-	-	-	4,510	2,239.335
Thailand	-	-	-	-	-	-	-	-	1,683	737.55
United Arab Emirates	-	-	-	-	-	-	-	-	14,386	7,863.317
India	570	78	5,169	939	33,280	12,335	-	-	830,119	362,149.107
Nepal	-	-	-	-	6,311	1,494	220	738	25	108.0
America's & Caribbean	-	-	12,589	4,948	19,397	11,173	8,727	6,236	1,628	18,764.066
Barbados	-	-	-	-	731	513	1,352	970	-	-
Dominican Republic	-	-	-	-	-	-	-	-	230	72.066
Grenada	-	-	-	-	-	-	1,109	903	1,265	1,010.0
Jamaica	-	-	592	188	2	3	41	53	-	-
Portugal	-	-	-	-	-	-	-	-	67	17.652.0
Trinidad & Tobago	-	-	-	-	3,517	2,628	5,799	4,041	66	30.0
Venezuela	-	-	11,997	4,760	15,147	8,029	426	269	-	-
Africa	-	-	-	-	-	-	13,756	8,478	11,931	5,825.45
Mauritius	-	-	-	-	-	-	13,756	8,478	11,071	5,621.2
Tanzania	-	-	-	-	-	-	-	-	860	204.25
Ocenia	-	-	-	-	-	-	-	-	183	99.435
Australia	-	-	-	-	-	-	-	-	183	99.435
Europe	-	-	-	-	-	-	-	-	2,329	729.723
Belgium	-	-	-	-	-	-	-	-	1145	372.252
France	-	-	-	-	-	-	-	-	28	8.54
Italy	-	-	-	-	-	-	-	-	184	64.348
Netherlands	-	-	-	-	-	-	-	-	688	202.756
United Kingdom	-	-	-	-	-	-	-	-	77	30.827
Poland	-	-	-	-	-	-	-	-	207	48.0
Total	570	78	17,758	5,887	58,988	25,002	22,703	15,452	900,379	414,060.037



THANK YOU!

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