



ASEAN Early Warning Information



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Rice Situation in ASEAN

Production

The paddy production in ASEAN in 2009 (2008/09 crop year) was estimated at 194.08 million tons, up 3.0 million tons or 1.6 percent from 191.1 million tons in 2008. The present estimates have been revised downward 0.3 million tons from June 2009 Agricultural Commodity Outlook (ACO) report mainly due to the change in estimate in the Philippines, Vietnam and Brunei. Vietnam has revised the estimate upward while the Philippines and Brunei have revised their estimates downward (Table 1).

The 2010 production in ASEAN is forecasted to be 197.29 million tons, up 3.21 million tons or 1.65 percent from 2009. The increase is forecasted to occur in every country in the region. Most of the increase, in terms of quantity, is in Myanmar, the Philippines, Vietnam and Thailand. However, in terms of percentage, the most increase is in Brunei, the least producing country in ASEAN (Table 1). The increase in the production is due to the increase in both planted area and yield.

Planted area

The estimated paddy planted area in ASEAN in 2009 (2008/09 crop year) was 48.18 million hectares, down from 48.29 million hectare or 0.22 percent from previous year. In Indonesia the planted area has decreased about 2 percent while in Thailand the planted area has decreased less than 1 percent (Table 2). The planted area in Lao PDR and the Philippines has increased about 8.6 percent and 1.8 percent respectively.

The planted area of paddy in ASEAN in 2010 (2009/10) is forecasted to increase 0.77 percent from 48.18 million hectares in 2009 to 48.55 million hectares in 2010. The increase is forecasted in every country in the region except for Philippines (Table 2). The increase in planted area in 2010 is expected because the farmer respond to the price which remain very high as compared with several years ago.

Yield

The average paddy yield in ASEAN in 2009 (2008/2009 crop year) was estimated at 4.03 tons per hectares which is about 1.3 percent lower than the previous year. The decrease in yield was found in Thailand, the Philippines, Lao PDR and Brunei while the other countries the yield has increased. The average yield of the region was about 0.9 percent higher than the June 2009 ACO report (Table 3).

The average yield for 2010 is forecasted to be about 4.06 tons per hectare up about 0.04 ton or 0.88 percent from 2009 (Table 3). The yield is expected to increase due to the increase in the use of new improved variety.

Damaged Area

The paddy damaged area in 2010(2009/10 crop year) as a whole was estimated at 594,060 hectares. Drought was the major caused of damage. The damage caused by flood and pest were about the same. Thailand was the most affected by the drought followed by Indonesia. The most affected by the flood was in Thailand, Lao PDR and Indonesia respectively (Table 4). The damaged area is not available in Vietnam due to the different approach used in the data collection.

Maize Situation in ASEAN

Production

The maize production in ASEAN in 2009 (2008/09 crop year) was estimated at 35.85 million tons, up 5.29 million tons or 17.3 percent from 30.56 million tons in 2008. The increase was found in all countries in the region except Brunei and Singapore which do not grow maize. The increase was due to the increase in both planted area and yield. Indonesia was the major producing country in the region followed by the Philippines, Vietnam and Thailand respectively.

For 2010 (2009/10 crop year), the production is forecasted to be 36.99 million tons, up 3.2 percent from previous year. The increase is expected in every country. Lao PDR is forecasted to increase the most in terms of both quantity and percentage compared with other countries in the region (Table 5).

Planted area

The estimated planted area of maize in 2009 (2008/09 crop year) was 9.75 million hectares up 0.74 million hectares or 8.2 percent from 9.02 million hectares in 2008. The planted area has increased in every country. In terms of area, Indonesia has increased the most but, in terms of percentage of increase, Lao PAR is the highest in the region (Table 6).

The planted area in 2010 (2009/10 crop year) is forecasted to be 10.05 million hectares, up 3.1 percent from previous year. The increase is expected to increase in all countries in the region (Table 5). The favorable weather is the factor contributed to the increase in planted area in most of the countries. In some countries, the farmers responded to price increase is also the other factor. In Thailand even though the market price has decreased, the farmers are still growing it because they can take advantage of the higher price under the government mortgage scheme.

Yield

The average maize yield in ASEAN in 2009 (2008/09 crop year) was estimated at 3.69 tons per hectares compared with 3.4 tons per hectare in 2008, an increase of 0.29 tons or 8.5 percent. The yield was estimated to increase in every country. Indonesia has increased the most in terms of percentage increase followed by Lao PDR and Thailand respectively.

The average maize yield in 2010 (2009/10 crop year) is forecasted to be 3.69 tons per hectare, a minor increase from 2009. Nevertheless, every country is forecasted to increase in yield except Indonesia and Philippines. The maize yield in 2010 in Indonesia is forecasted to decrease about 2.4 percent from pervious year (Table 7). Use of improved variety is the factor lead to the increase in yield in most of the country.

Damaged area

The total damaged area of maize in ASEAN in 2009/10 crop year was reported at 55,689 hectares. About half of the damage was due to the drought and other major damage was due to the flood. The damage by the pest is very small and no damage by the disease was reported. The most affected by the drought was in Thailand and followed by Indonesia and Cambodia respectively. The most affected by the flood was in Indonesia and followed by Thailand and the Philippines respectively (Table 8).

Table 1 : Paddy production in ASEAN countries, 2008-2010

Unit: 1,000 Tons

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
ASEAN	191,110.17	194,083.62	2,973.46	1.56	197,294.11	3,210.48	1.65
Brunei	1.40	1.21	-0.19	13.69	3.04	1.83	151.49
Cambodia	6,727.12	7,173.84	446.72	6.64	7,262.18	88.34	1.23
Indonesia	60,251.07	62,561.15	2,310.07	3.83	63,093.80	532.65	0.85
Lao PDR	2,847.38	3,034.59	187.21	6.57	3,151.04	116.46	3.84
Malaysia	2,374.18	2,451.67	77.48	3.26	2,538.45	86.78	3.54
Myanmar	31,442.47	32,057.87	615.40	1.96	33,316.66	1,258.79	3.93
Philippines	16,815.55	16,422.88	-392.67	-2.34	16,940.81	517.93	3.15
Singapore	-	-	-	-	-	-	-
Thailand	32,099.40	31,650.63	-448.77	-1.40	31,945.23	294.59	0.93
Vietnam	38,551.60	38,729.80	178.20	0.46	39,042.90	313.10	0.81

Table 2 : Paddy Planted area in ASEAN countries, 2008-2010

Unit: 1,000 Hectares

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
ASEAN	48,289.03	48,184.77	-104.26	-0.22	48,554.95	370.18	0.77
Brunei	1.30	1.56	0.26	20.08	2.36	0.80	51.12
Cambodia	2,585.91	2,615.74	29.84	1.15	2,640.00	24.26	0.93
Indonesia	12,993.28	12,733.53	-259.75	-2.00	12,922.09	188.56	1.48
Lao PDR	818.62	888.74	70.12	8.57	908.01	19.27	2.17
Malaysia	670.52	672.30	1.78	0.27	673.75	1.44	0.21
Myanmar	8,089.65	8,094.30	4.65	0.06	8,126.63	32.33	0.40
Philippines	4,525.51	4,606.43	80.92	1.79	4,591.28	-15.15	-0.33
Singapore	-	-	-	-	-	-	-
Thailand	11,229.94	11,171.96	-57.98	-0.52	11,201.73	29.77	0.27
Vietnam	7,374.30	7,400.20	25.90	0.35	7,489.11	88.91	1.20

Table 3 : Paddy yield in ASEAN countries, 2008-2010

Unit: Tons/Hectare

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
ASEAN	4.08	4.03	-0.05	-1.29	4.06	0.04	0.88
Brunei	1.22	0.78	-0.45	36.53	1.29	0.51	66.41
Cambodia	2.62	2.74	0.12	4.65	2.75	0.01	0.30
Indonesia	4.89	4.91	0.02	0.37	4.88	-0.03	-0.62
Lao PDR	3.68	3.41	-0.26	-7.18	3.47	0.06	1.63
Malaysia	3.56	3.65	0.09	2.55	3.77	0.12	3.32
Myanmar	3.92	3.96	0.04	0.91	4.10	0.14	3.51
Philippines	3.77	3.57	-0.21	-3.71	3.69	0.12	3.49
Singapore	-	-	-	-	-	-	-
Thailand	3.01	2.83	-0.18	-5.84	2.85	0.02	0.66
Vietnam	5.23	5.23	0.01	0.11	5.21	-0.02	-0.39

Table 4 : Paddy damaged area in ASEAN by cause of damage, 2010

Country	Cause of Damage (Hectare)						Total
	Flood	Drought	Pests	Diseases	Others	No rep	
ASEAN	99,967	388,786	99,151	577	-	-	594,060
Brunei	191	141	68	67	9	-	476
Cambodia	2,500	1,500	-	-	-	-	4,000
Indonesia	24,909	87,603	2,726	-	-	-	115,238
Lao PDR.	27,921	2,621	15,081	-	5,570	-	51,193
Malaysia	766	-	1,276	510	-	-	2,552
Myanmar	1001	-	-	-	-	-	1,001
Philippines	12,679	-	-	-	-	-	12,679
Singapore	-	-	-	-	-	-	-
Thailand	30,000	296,921	80,000	-	-	-	406,921
Vietnam	na	na	na	na	na	-	na

Figure 1 : Paddy production of selected countries in ASEAN, 2008-2010

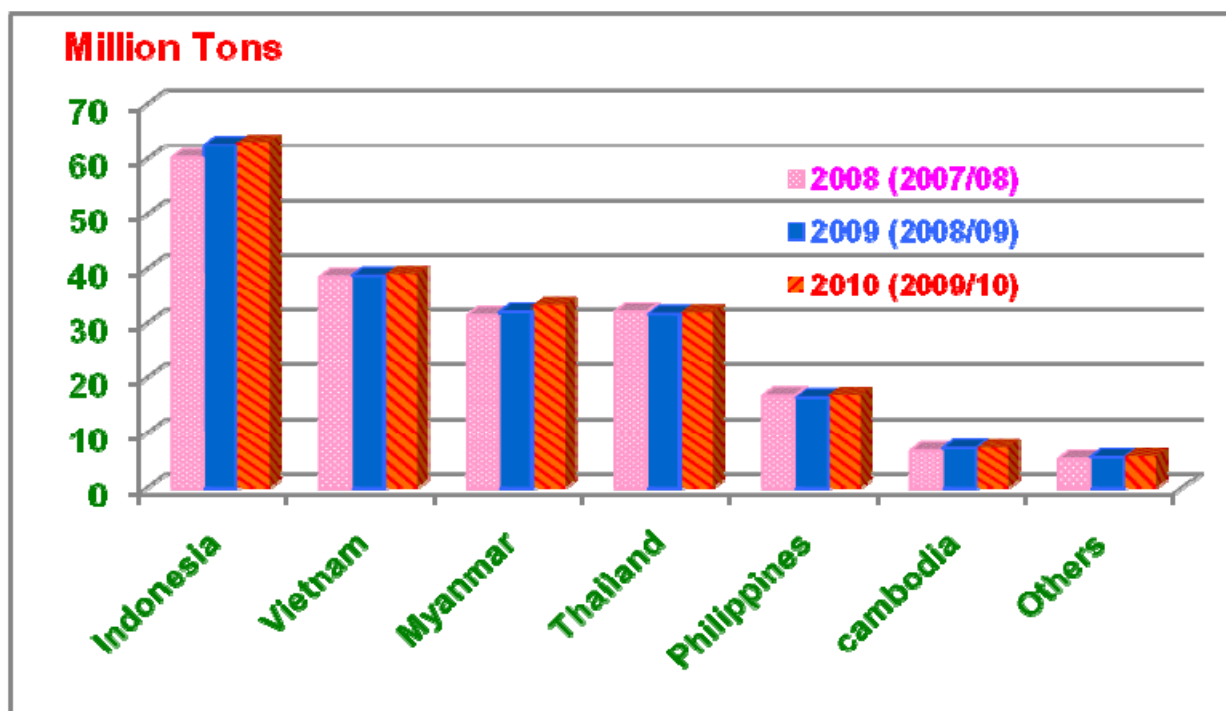


Figure 2 : Paddy planted area of selected countries in ASEAN, 2008-2010

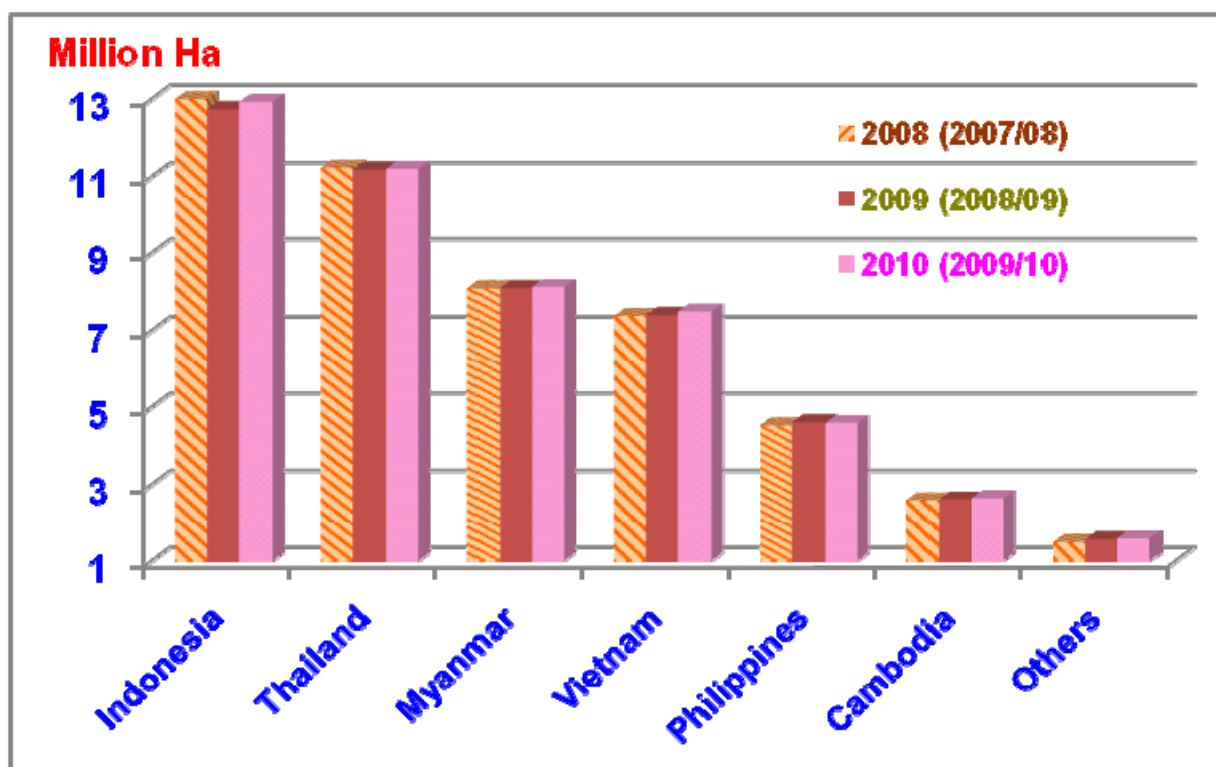


Figure 3 : Paddy yield of countries in ASEAN, 2008-2010

Table 5 : Maize production in ASEAN countries, 2008-2010

Unit: 1,000 Tons

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
ASEAN	30,559.58	35,845.82	5,286.24	17.30	36,994.35	1,148.53	3.20
Brunei	-	-	-	-	-	-	-
Cambodia	523.00	611.79	88.79	16.98	728.45	116.66	19.07
Indonesia	13,287.53	17,041.22	3,753.69	28.25	17,162.59	121.38	0.71
Lao PDR	690.80	1,107.13	416.34	60.27	1,691.54	584.41	52.79
Malaysia	34.20	36.16	1.96	5.72	39.86	3.70	10.24
Myanmar	1,146.00	1,184.95	38.95	3.40	1,223.52	38.57	3.25
Philippines	6,736.94	7,042.13	305.19	4.53	7,099.87	57.75	0.82
Singapore	-	-	-	-	-	-	-
Thailand	3,890.22	4,249.35	359.14	9.23	4,448.52	199.17	4.69
Vietnam	4,250.90	4,573.10	322.20	7.58	4,600.00	26.90	0.59

Table 6 : Maize Planted area in ASEAN countries, 2008-2010

Unit: 1,000 Hectares

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
ASEAN	9,018.52	9,754.94	736.43	8.17	10,052.06	297.12	3.05
Brunei	-	-	-	-	-	-	-
Cambodia	142.00	163.11	21.11	14.86	195.17	32.06	19.66
Indonesia	3,630.32	4,085.31	454.99	12.53	4,215.61	130.30	3.19
Lao PDR	154.26	233.65	79.40	51.47	318.71	85.05	36.40
Malaysia	6.58	6.82	0.24	3.57	6.93	0.11	1.61
Myanmar	346.00	355.14	9.14	2.64	360.93	5.79	1.63
Philippines	2,648.32	2,700.03	51.71	1.95	2,701.08	1.05	0.04
Singapore	-	-	-	-	-	-	-
Thailand	1,018.24	1,070.69	52.45	5.15	1,112.65	41.96	3.92
Vietnam	1,072.80	1,140.20	67.40	6.28	1,141.00	0.80	0.07

Table 7 : Maize yield in ASEAN countries, 2008-2010

Unit: Tons/Hectare

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
ASEAN	3.40	3.69	0.29	8.45	3.69	0.00	-0.03
Brunei	-	-	-	-	-	-	-
Cambodia	3.68	3.75	0.07	1.87	3.77	0.02	0.44
Indonesia	3.66	4.16	0.50	13.65	4.06	-0.10	-2.42
Lao PDR	4.48	4.83	0.35	7.85	5.44	0.61	12.55
Malaysia	5.20	5.31	0.11	2.07	5.76	0.45	8.49
Myanmar	3.32	3.34	0.02	0.56	3.39	0.05	1.48
Philippines	2.54	2.62	0.07	0.85	2.62	0.00	-0.07
Singapore	-	-	-	-	-	-	-
Thailand	3.93	4.07	0.15	3.70	4.11	0.03	0.81
Vietnam	3.96	4.01	0.05	1.22	4.03	0.02	0.52

Table 8 : Maize damage area in ASEAN by cause of damage, 2009/10 crop year

Country	Cause of Damage (Hectare)						
	Flood	Drought	Pests	Diseases	Others	No rep	Total
ASEAN	16,059	31,430	658	-	-	-	55,689
Brunei	-	-	-	-	-	-	-
Cambodia	-	1,247	628	-	-	-	1,875
Indonesia	8,372	4,478	30	-	-	-	12,880
Lao PDR.	-	-	-	-	-	7,542	7,542
Malaysia	na	na	na	na	na	na	0
Myanmar	-	-	-	-	-	-	-
Philippines	3,687	-	-	-	-	-	3,687
Singapore	-	-	-	-	-	-	-
Thailand	4,000	25,705	-	-	-	-	29,705
Vietnam	na	na	na	na	na	-	na

Figure 4 : Maize production of selected countries in ASEAN, 2008-2010

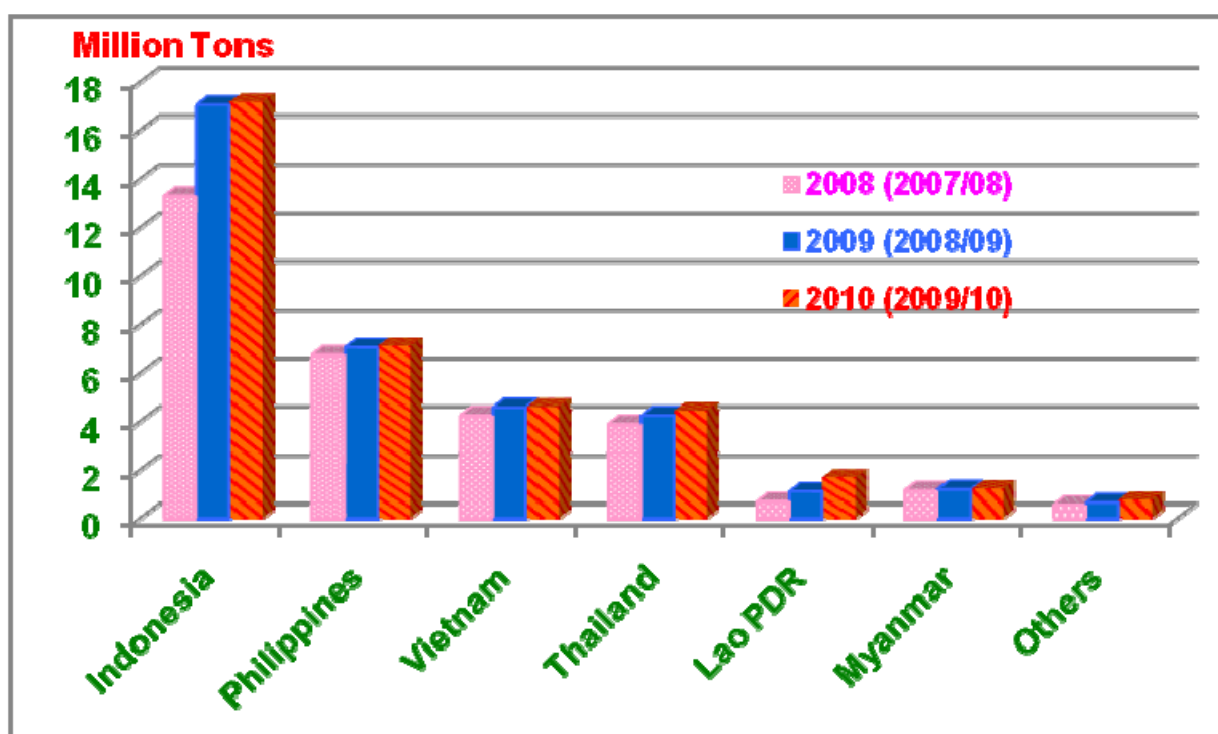


Figure 5 : Maize planted area of selected countries in ASEAN, 2008-2010

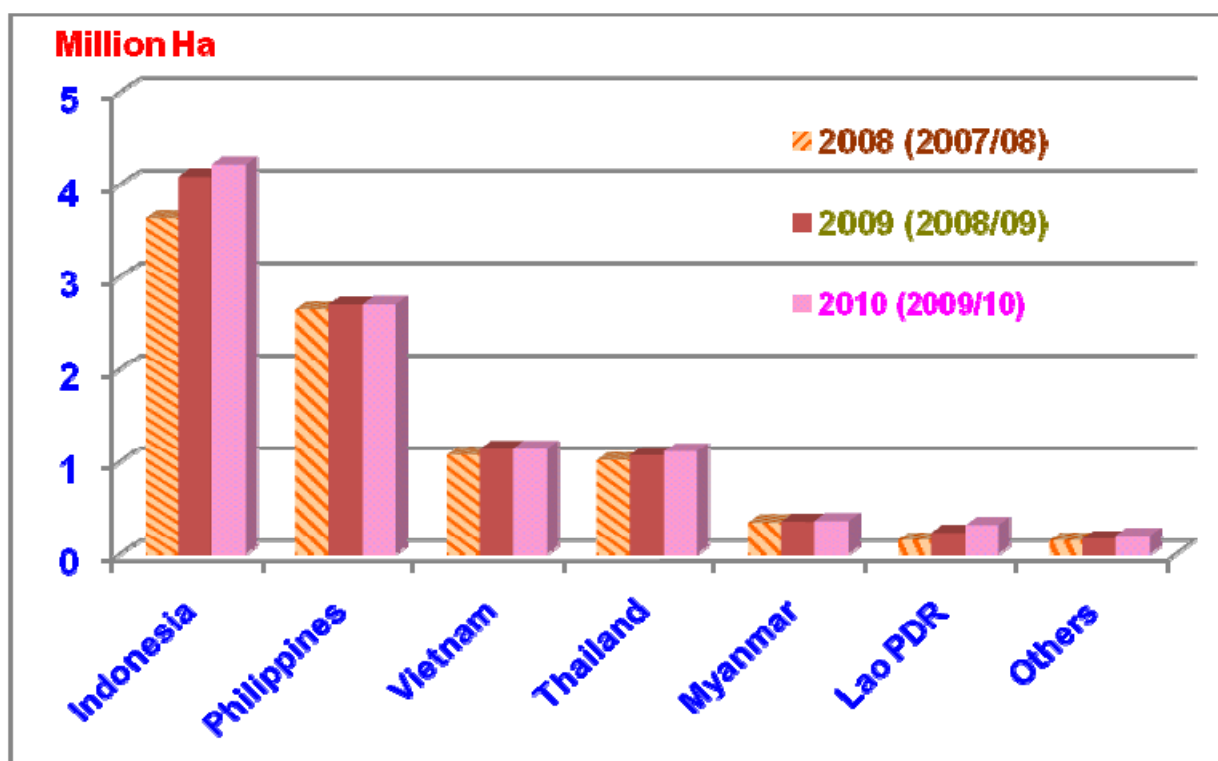


Figure 6 : Maize yield of countries in ASEAN, 2008-2010