



ព្រឹត្តិបត្រថ្លៃអាហារ និងប្រាក់ឈ្នួលពលកម្មនៅកម្ពុជា



CAMBODIA FOOD PRICE AND WAGE BULLETIN

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HIGHLIGHTS

- **Food purchasing power of households** increased in rural and urban areas by 10.2% and 3.7% on a month-on-month basis, respectively.
- **Retail price of lowest quality rice** in rural and urban areas decreased by 3.3% and 2.2% on a month-on-month basis, respectively.
- **Wholesale price of mixed rice** increased by 5.9% month-on-month and decreased by 1.8% on a year-on-year basis.
- The **Inflation Rate** was 4.6% in December. Month-on-month food and gasoline prices increased by 0.2%.
- **FAO Food Price Index** averaged 203.4 points, a month-on-month decrease of 1.6% due to the decrease in sugar and vegetable oils prices.
- **Thai and Vietnamese Export price of rice:** Thai and Vietnamese rice prices decreased by 11.0% and 4.5% on a month-on-month basis, respectively.

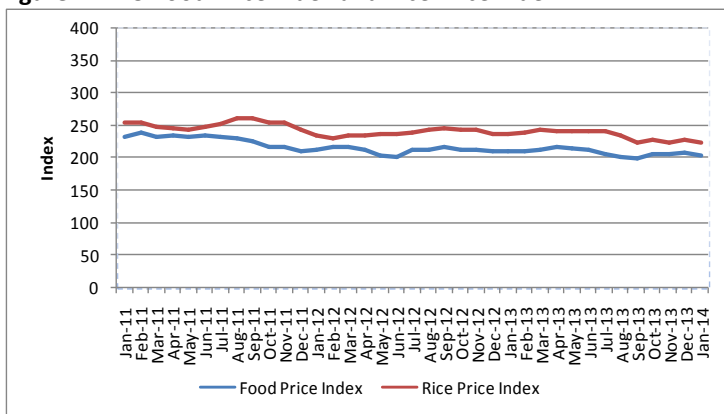
Overview

This Bulletin is a joint publication¹ by the Agricultural Marketing Office (Department of Planning and Statistics) of the Ministry of Agriculture, Forestry and Fisheries (AMO MAFF) and the United Nations World Food Programme Cambodia. It monitors the price of food commodities and wage rates of unskilled labor on a monthly basis. It also aims to detect changes and identify trends in the food purchasing power of vulnerable households.

International Food and Rice Prices

The FAO Food Price Index² measures the international price level of a basket of key food commodities. The index averaged 203.4 points in January 2014, a decrease of 1.6% on a month-on-month basis due to downward trend of sugar and vegetable oil prices. The International Rice Price Index averaged 223 points, a decrease of 1.8% on a month-on-month basis.

Figure 1: FAO Food Price Index and Rice Price Index



Source: FAO, <http://www.fao.org/worldfoodsituation/wfs-home/foodpricesindex/en/>

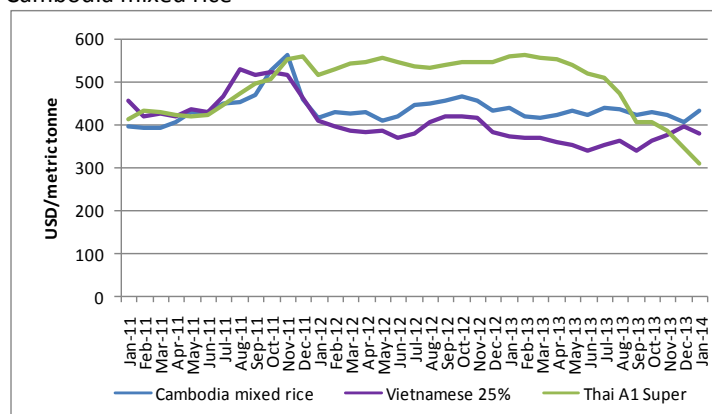
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Regional Rice Wholesale Prices

In January 2014, the f.o.b. prices³ of Thai A1 Super white rice (100% broken) and Vietnamese white rice (25% broken) were 309 USD/mt and 380 USD/mt, respectively (Figure 2).

Figure 2: Export price of Thai and Vietnamese white rice and Cambodia mixed rice⁴



Source: FAO, <http://www.fao.org/es/esc/prices/PricesServlet.jsp?lang=en>

¹ This publication has been produced jointly since September 2011.

² The FAO Food Price Index consists of the average of commodity group price indices (i.e. meat, dairy, cereals, oils/fats, and sugar) weighted with the average export shares of each of the groups for 2002-2004.

³ Free on board (f.o.b.) price includes all charges up to the placing of goods on board a ship at the port of departure specified by the buyer.

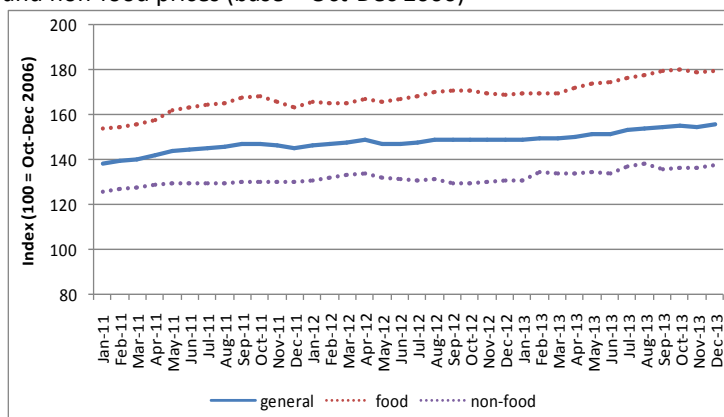
⁴ Mixed rice is considered a low-quality type of rice.

The export price of Thai A1 Super white rice decreased by 11.0% month-on-month and 44.6% year-on-year. The price of Vietnamese white rice decreased by 4.5% month-on-month and increased by 1.9% on a year-on-year basis.

Cambodia Consumer Price Index (CPI)

The general Consumer Price Index (CPI)⁵ measures the cost of a consumption basket composed of 259 items. Each item is weighted based on their importance in an average household's expenditure⁶. In December 2013, the general CPI averaged 155.6 points, a slight increase of 0.5% on a month-on-month basis. The inflation rate, as measured by the year-on-year increase in the CPI, was 4.6%. Non-food prices averaged 137.6 points, increasing by 0.9% month-on-month. Gasoline prices slightly increased by 0.2% month-on-month and were 2.5% lower compared to same period last year. The Food Price Index (FPI) measures the cost of the food items in the general CPI's consumption basket. Food items comprise 43.2% of the total consumption basket. In December 2013, the FPI was 179.4, an increase of 0.2% month-on-month and 6.2% year-on-year basis (Figure 3).

Figure 3: Relative change in general consumer prices, food prices and non-food prices (base = Oct-Dec 2006)

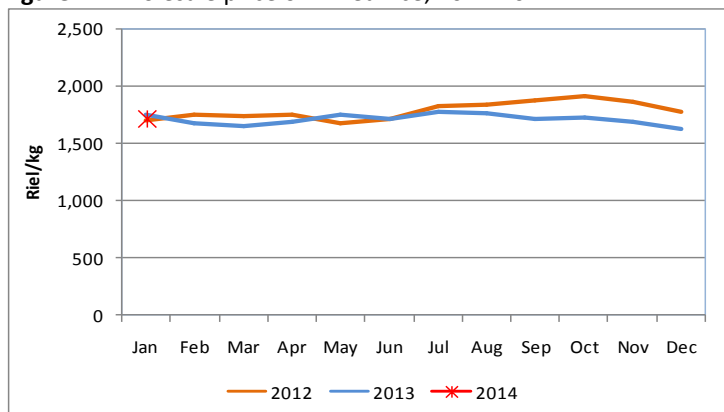


Source: National Institute of Statistics

Local Food Commodity Prices

According to data⁷ from AMO MAFF, the average wholesale price of mixed rice was 1,718 riel/kg in January 2014, a month-on-month an increase of 5.9%. In nominal terms, prices fell by 1.8% from the previous year (Figure 4). In real terms, the wholesale price of mixed rice was 6.4% lower than January 2013.

Figure 4: Wholesale price of mixed rice, 2012-2014



Source: AMO MAFF, <http://www.agriculturalmarketinformation.org.kh>

⁵ The CPI is collected and reported by the National Institute of Statistics (NIS). Data from January 2014 was not available at the time of publication.

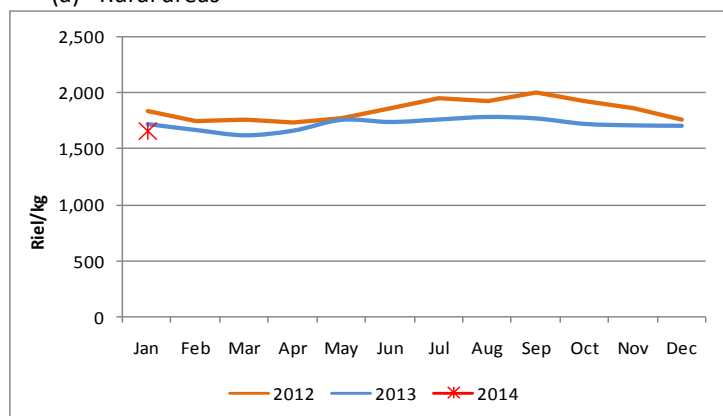
⁶ Relative item expenditure weights are derived from the 2004 Cambodia Socio-Economic Survey and adjusted to October-December 2006 price levels.

⁷ From provincial markets in Kampong Chhnang, Takeo, Siem Reap, Prey Veng, Phnom Penh, Kampot, Battambang, Banteay Meanchey, and Kampong Cham

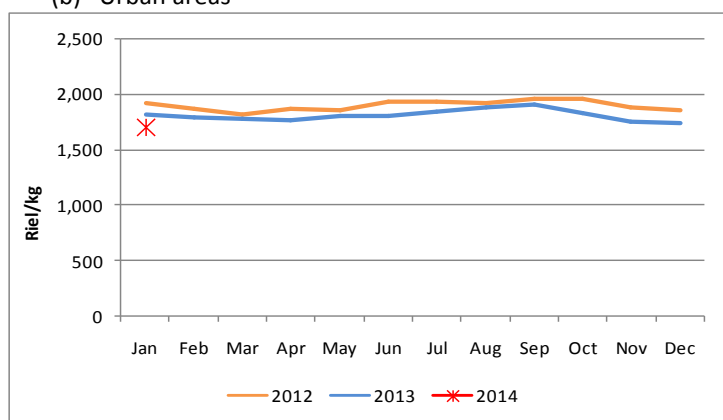
In January 2014, the average retail price of the lowest quality rice⁸ in rural and urban areas was 1,652 riel/kg and 1,702 riel/kg, respectively, representing a month-on-month decrease of 3.3% and 2.2% in rural and urban areas, respectively (Figure 5).

Figure 5 (a)(b): Retail price of lowest quality rice, 2011-2013

(a) Rural areas



(b) Urban areas



Source: WFP

In January 2014, nominal retail rice prices in rural and urban areas decreased by 4.2% and 6.5% on a year-on-year basis, respectively. In real terms, retail price of rice in rural and urban areas were 4.2% and 11.1% lower than the same period in the previous year, respectively. Rice traders reported that the downward price pressure was caused by increased rice availability as a result of wet season rice harvest.

Retail prices of other food commodities (i.e. second quality rice, vegetable oil, smoked fish, fresh fish, pork, and duck eggs) in each of the 10 rural and 11 urban markets are presented in Appendix 2.

Price Monitoring and Forecasting

FAO's price monitoring tool compares recent actual wholesale prices from AMO MAFF with "normal" price levels. The normal price level takes into account historical price levels and adjusts for inflation and seasonal factors. A discrepancy between current actual prices and "normal" prices indicates that current prices are higher or lower than what would be expected. In January 2014, the actual wholesale price of mixed rice was 4.5% lower than the expected normal historical price⁹.

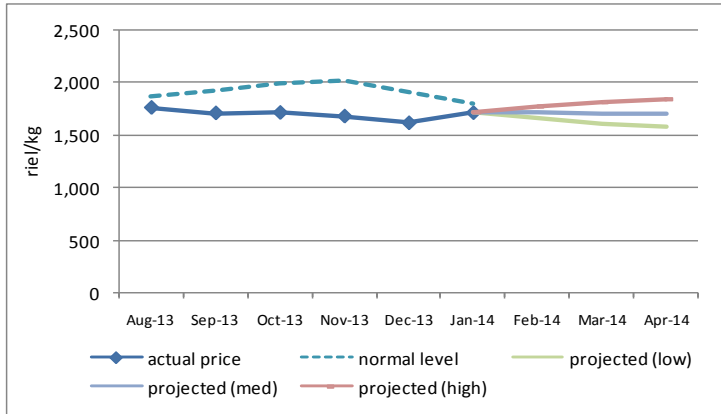
The price monitoring tool also projects prices based on the current price, current inflation rate and seasonal factors. The high and low bands are set so that actual prices will fall within the range 80% of the time. Prices for the next three months (February, March and

⁸ Mixed rice, IR rice and Banla Pdao rice

⁹ 2008 prices are excluded from the FAO price monitoring tool analysis as the food price crisis in mid-2008 distorts the seasonal factors.

April) were projected. If prices follow normal seasonal patterns during next three months, the model forecasts that wholesale rice prices are expected to stabilize in the upcoming quarter (Figure 6).

Figure 6: Normal and projected prices of wholesale rice



Source: AMO, WFP, FAO

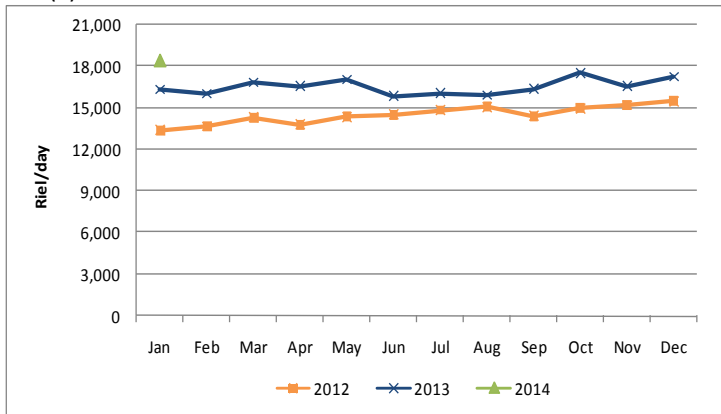
Unskilled Wage

Daily wages of unskilled workers engaged in rice and non-rice farming and construction work are monitored by WFP on a monthly basis. In January 2014, the average wage of unskilled labor was 18,437 riel/day in rural areas and 18,250 riel/day in urban areas, an increase of 6.5% and 1.4% on a month-on-month basis, respectively (Figure 7).

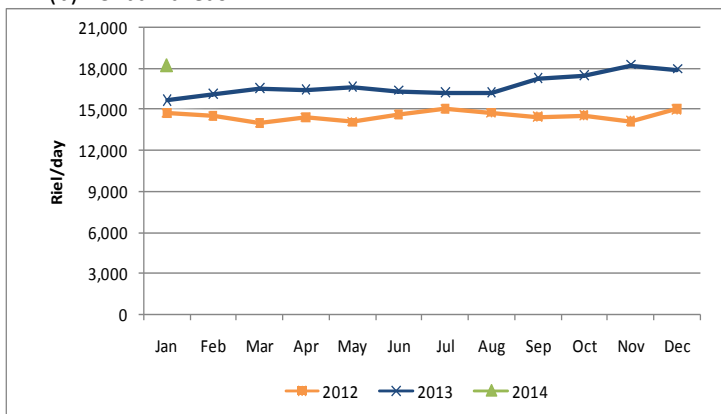
In rural areas the upward trend in unskilled wage rate was driven by increased labor demand due to the on-going wet season rice harvest and planting for the dry season rice. In urban areas, the upward trend in unskilled wages was driven by increased demand for unskilled labor in the construction sector.

Figure 7(a)(b): Daily wage of unskilled labor

(a) Rural areas



(b) Urban areas



Source: WFP

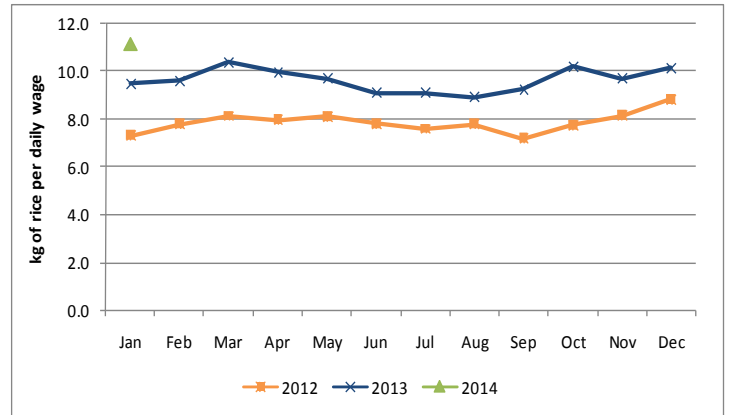
Terms of Trade

Terms of trade (ToT) is used to assess household purchasing power by taking the ratio of two different components. In this bulletin, the ToT takes the ratio of the daily wage rates of unskilled laborers and the retail price of lowest quality rice in the market. This gives an indication of the amount of rice that an unskilled wage laborer can purchase with a daily wage.

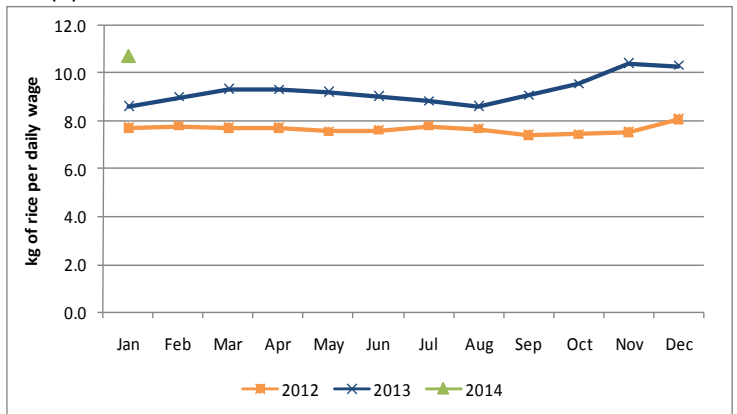
In January 2014, the ToT in rural areas was 11.2 kg/day and 10.7 kg/day in urban areas, a month-on-month increase of 10.2% in rural areas and 3.7% in urban areas. In rural and urban areas, the increase in unskilled wage rates and downward pressure of rice prices caused vulnerable households' purchasing power to improve. (Figure 8).

Figure 8(a)(b): Terms of Trade of unskilled labor and rice

(a) Rural areas

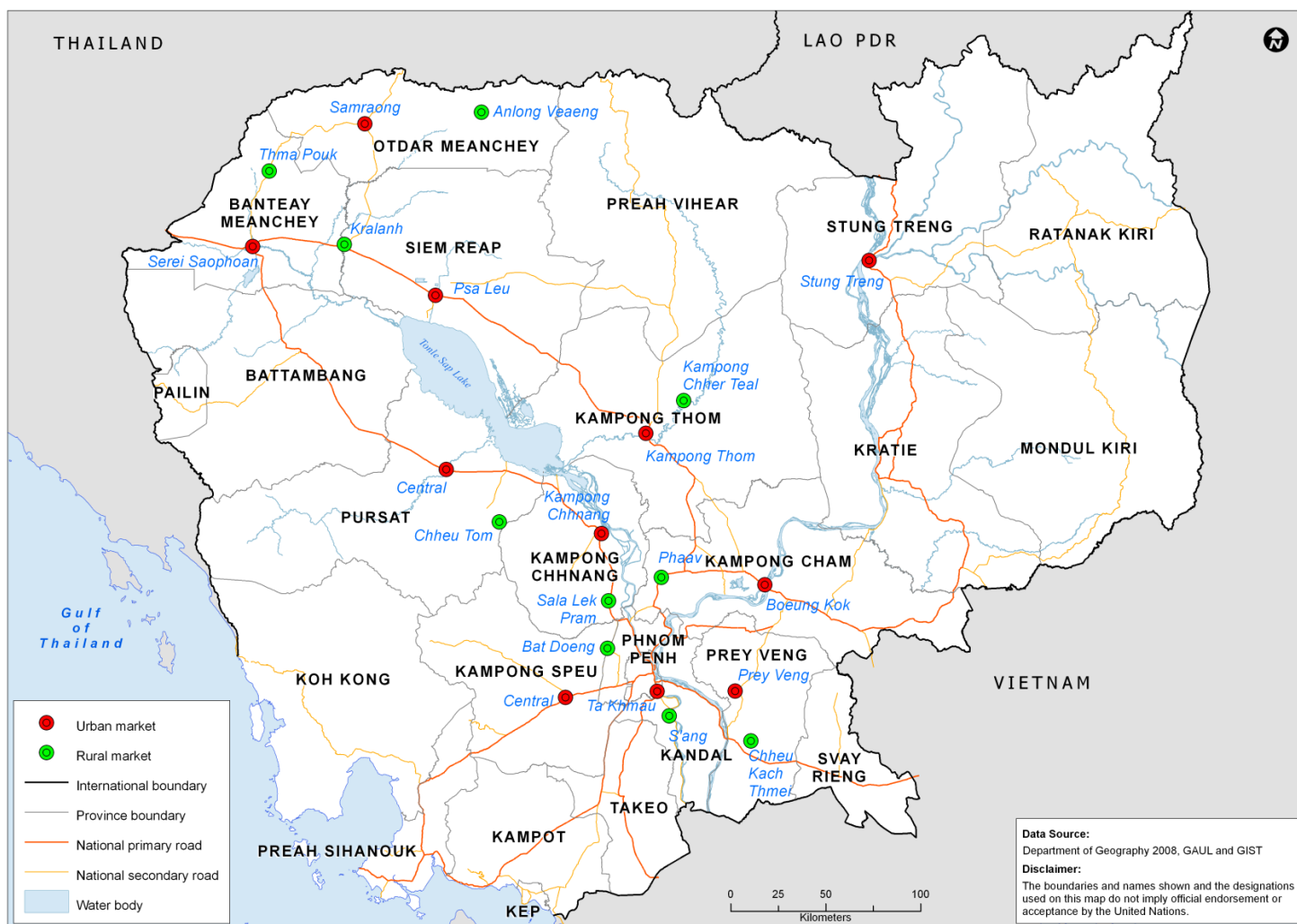


(b) Urban areas



Source: WFP

Appendix 1: Location of sentinel market sites in urban and rural areas in Cambodia



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Appendix 2(a)(b): Retail price of food commodities by market

(a) Rural markets

Food Item	Province	Market	price (Riel/kg)	price change (%)			direction of change		
				1 month	3 months	1 year	1 month	3 months	1 year
Second quality rice	Banteay Meanchey	Thma Puok	-	-	-	-	-	-	-
	Siem Reap	Kralanh	2,467	-	-	45.1	-	-	↑
	Oddar Meanchey	Anlong Veng	2,300	6.2	7.0	4.5	↑	→	→
	Kampong Cham	Pha'av	1,567	-11.3	-9.6	-6.0	↓	→	→
	Kampong Thom	Kampong Chheuteal	-	-	-	-	-	-	-
	Prey Veng	Chheu Kach Thmei	-	-	-	-	-	-	-
	Kampong Chnang	Sala Lek Pram	1,667	-25.4	-10.7	-12.3	↓	↓	→
	Kampong Speu	Bat Doeng	2,000	0.0	-	-	→	-	-
	Pursat	Chheu Tom	-	-	-	-	-	-	-
	Stung Treng	n/a	-	-	-	-	-	-	-
Kandal	S'ang	2,050	-6.8	2.5	-2.4	↓	→	→	
Lowest quality rice	Banteay Meanchey	Thma Puok	2,000	0.0	0.0	11.1	→	→	→
	Siem Reap	Kralanh	1,800	28.6	28.6	10.2	↑	↑	→
	Oddar Meanchey	Anlong Veng	1,600	-17.2	-15.8	-5.9	↓	↓	→
	Kampong Cham	Pha'av	1,550	3.3	3.3	0.0	→	→	→
	Kampong Thom	Kampong Chheuteal	-	-	-	-	-	-	-
	Prey Veng	Chheu Kach Thmei	1,400	0.0	-8.7	-6.7	→	→	→
	Kampong Chnang	Sala Lek Pram	1,567	-10.5	-9.6	-7.8	↓	→	→
	Kampong Speu	Bat Doeng	-	-	-	-	-	-	-
	Pursat	Chheu Tom	1,500	-6.3	-3.2	-11.8	↓	→	→
	Stung Treng	n/a	-	-	-	-	-	-	-
Kandal	S'ang	1,800	0.0	0.0	-1.8	→	→	→	
Vegetable oil	Banteay Meanchey	Thma Puok	6,593	2.9	20.0	-5.8	→	↑	→
	Siem Reap	Kralanh	5,333	-2.9	2.7	16.8	→	→	↑
	Oddar Meanchey	Anlong Veng	6,043	13.3	9.9	7.9	↑	→	→
	Kampong Cham	Pha'av	5,000	0.0	0.0	11.9	→	→	→
	Kampong Thom	Kampong Chheuteal	5,667	3.0	6.3	9.7	→	→	→
	Prey Veng	Chheu Kach Thmei	5,000	-8.0	-11.8	-4.5	↓	↓	→
	Kampong Chnang	Sala Lek Pram	5,600	0.0	-8.7	13.5	→	→	→
	Kampong Speu	Bat Doeng	5,000	-9.1	-10.2	0.0	↓	↓	→
	Pursat	Chheu Tom	5,367	0.0	-8.5	7.3	→	→	→
	Stung Treng	n/a	-	-	-	-	-	-	-
Kandal	S'ang	5,200	-1.9	-10.3	6.8	→	↓	→	
Smoked fish	Banteay Meanchey	Thma Puok	23,000	-	-	27.8	-	-	↑
	Siem Reap	Kralanh	-	-	-	-	-	-	-
	Oddar Meanchey	Anlong Veng	-	-	-	-	-	-	-
	Kampong Cham	Pha'av	12,000	-	-	-57.5	-	-	↓
	Kampong Thom	Kampong Chheuteal	16,000	-	-15.1	-20.0	-	↓	↓
	Prey Veng	Chheu Kach Thmei	18,800	1.6	-	1.6	→	-	→
	Kampong Chnang	Sala Lek Pram	17,000	-15.0	-15.0	51.1	↓	↓	↑
	Kampong Speu	Bat Doeng	16,333	-18.3	-18.3	-	↓	↓	-
	Pursat	Chheu Tom	-	-	-	-	-	-	-
	Stung Treng	n/a	-	-	-	-	-	-	-
Kandal	S'ang	-	-	-	-	-	-	-	

Food Item	Province	Market	price (Riel/kg)	price change (%)			direction of change		
				1 month	3 months	1 year	1 month	3 months	1 year
Fresh fish	Banteay Meanchey	Thma Puok	-	-	-	-	-	-	-
	Siem Reap	Kralanh	5,167	-	-	-	-	-	-
	Oddar Meanchey	Anlong Veng	4,500	-12.9	-10.0	-10.0	↓	→	→
	Kampong Cham	Pha'av	6,000	4.0	-	24.1	→	-	↑
	Kampong Thom	Kampong Chheuteal	-	-	-	-	-	-	-
	Prey Veng	Chheu Kach Thmei	-	-	-	-	-	-	-
	Kampong Chnang	Sala Lek Pram	5,833	2.9	6.1	-	→	→	-
	Kampong Speu	Bat Doeng	6,000	0.0	13.2	20.0	→	↑	↑
	Pursat	Chheu Tom	6,000	0.0	-	20.0	→	-	↑
	Stung Treng	n/a	-	-	-	-	-	-	-
Kandal	S'ang	-	-	-	-	-	-	-	
Pork with fat	Banteay Meanchey	Thma Puok	15,000	0.0	0.0	0.0	→	→	→
	Siem Reap	Kralanh	12,000	0.0	0.0	16.1	→	→	↑
	Oddar Meanchey	Anlong Veng	12,333	8.8	8.8	-5.1	↑	→	→
	Kampong Cham	Pha'av	14,000	0.0	0.0	16.7	→	→	↑
	Kampong Thom	Kampong Chheuteal	13,333	11.1	11.1	33.3	↑	↑	↑
	Prey Veng	Chheu Kach Thmei	13,000	8.3	8.3	8.3	↑	→	→
	Kampong Chnang	Sala Lek Pram	13,667	7.9	10.8	24.2	↑	↑	↑
	Kampong Speu	Bat Doeng	14,000	0.0	7.7	13.5	→	→	→
	Pursat	Chheu Tom	15,000	7.1	7.1	15.4	↑	→	↑
	Stung Treng	n/a	-	-	-	-	-	-	-
Kandal	S'ang	17,000	13.3	13.3	21.4	↑	↑	↑	
Duck egg	Banteay Meanchey	Thma Puok	700	2.4	0.0	27.3	→	→	↑
	Siem Reap	Kralanh	617	23.3	10.1	23.3	↑	↑	↑
	Oddar Meanchey	Anlong Veng	617	0.0	0.0	23.3	→	→	↑
	Kampong Cham	Pha'av	500	0.0	-10.2	0.0	→	↓	→
	Kampong Thom	Kampong Chheuteal	533	0.0	-9.1	-	→	→	-
	Prey Veng	Chheu Kach Thmei	480	-4.0	-22.2	6.7	→	↓	→
	Kampong Chnang	Sala Lek Pram	507	-2.6	-13.6	-6.2	→	↓	→
	Kampong Speu	Bat Doeng	550	-	-9.3	10.0	-	→	→
	Pursat	Chheu Tom	483	0.0	-15.7	7.4	→	↓	→
	Stung Treng	n/a	-	-	-	-	-	-	-
Kandal	S'ang	550	-1.8	-7.3	0.6	→	→	→	

- ↑ Price increase above normal fluctuation
- Normal price fluctuation
- ↓ Price decrease below normal fluctuation
- Commodity not available in reporting month

Price fluctuation is considered normal if change within:
5% for month, 10% for 3 months, 15% for 1 year

(b) Urban markets

Food Item	Province	Market	price (Riel/kg)	price change (%)			direction of change		
				1 month	3 months	1 year	1 month	3 months	1 year
Second quality rice	Banteay Meanchey	Serei Saophoan	2,400	2.1	-5.9	14.3	→	→	→
	Siem Reap	Psa Leu	2,300	0.0	0.0	35.3	→	→	↑
	Oddar Meanchey	Samraong	-	-	-	-	-	-	-
	Kampong Cham	Boeung Kok	1,900	-1.7	1.8	-3.4	→	→	→
	Kampong Thom	Central	1,767	1.9	-1.9	-7.0	→	→	→
	Prey Veng	Central	1,900	-9.5	-7.3	8.6	↓	→	→
	Kampong Chnang	Central	1,767	-18.5	-19.7	-32.1	↓	↓	↓
	Kampong Speu	Central	1,733	-11.9	-11.9	-27.8	↓	↓	↓
	Pursat	Central	2,000	-1.6	-1.6	-13.0	→	→	→
	Stung Treng	Stung Treng	-	-	-	-	-	-	-
Kandal	Ta Khmao	-	-	-	-	-	-	-	
Lowest quality rice	Banteay Meanchey	Serei Saophoan	2,000	5.3	0.0	5.3	↑	→	→
	Siem Reap	Psa Leu	1,600	2.1	0.0	6.7	→	→	→
	Oddar Meanchey	Samraong	1,933	0.0	1.8	-3.3	→	→	→
	Kampong Cham	Boeung Kok	-	-	-	-	-	-	-
	Kampong Thom	Central	1,600	0.0	0.0	-20.0	→	→	↓
	Prey Veng	Central	1,600	0.0	0.0	-	→	→	→
	Kampong Chnang	Central	1,633	-5.8	-9.3	2.1	↓	→	→
	Kampong Speu	Central	1,600	-7.7	-12.7	-12.7	↓	↓	→
	Pursat	Central	1,650	-8.3	-8.3	-10.0	↓	→	→
	Stung Treng	Stung Treng	-	-	-	-	-	-	-
Kandal	Ta Khmao	-	-	-	-	-	-	-	
Vegetable oil	Banteay Meanchey	Serei Saophoan	6,000	9.9	13.0	-12.6	↑	↑	→
	Siem Reap	Psa Leu	5,390	-0.2	-1.4	5.0	→	→	→
	Oddar Meanchey	Samraong	6,043	13.3	13.3	6.6	↑	↑	→
	Kampong Cham	Boeung Kok	5,400	3.2	-5.3	12.5	→	→	→
	Kampong Thom	Central	5,517	0.3	0.3	10.3	→	→	→
	Prey Veng	Central	5,667	1.8	-5.6	13.3	→	→	→
	Kampong Chnang	Central	5,200	-4.9	-1.3	6.8	→	→	→
	Kampong Speu	Central	5,100	-7.3	-6.7	13.3	↓	→	→
	Pursat	Central	5,667	3.0	3.0	3.0	→	→	→
	Stung Treng	Stung Treng	-	-	-	-	-	-	-
Kandal	Ta Khmao	5,467	-0.6	-6.3	5.8	→	→	→	
Smoked fish	Banteay Meanchey	Serei Saophoan	-	-	-	-	-	-	-
	Siem Reap	Psa Leu	-	-	-	-	-	-	-
	Oddar Meanchey	Samraong	-	-	-	-	-	-	-
	Kampong Cham	Boeung Kok	20,800	-	-16.8	-21.5	-	↓	↓
	Kampong Thom	Central	24,900	-	8.3	24.5	-	→	↑
	Prey Veng	Central	-	-	-	-	-	-	-
	Kampong Chnang	Central	17,000	-29.2	-	-	↓	-	-
	Kampong Speu	Central	23,400	-2.4	-11.7	107.1	→	↓	↑
	Pursat	Central	-	-	-	-	-	-	-
	Stung Treng	Stung Treng	-	-	-	-	-	-	-
Kandal	Ta Khmao	-	-	-	-	-	-	-	

Food Item	Province	Market	price (Riel/kg)	price change (%)			direction of change		
				1 month	3 months	1 year	1 month	3 months	1 year
Fresh fish	Banteay Meanchey	Serei Saophoan	-	-	-	-	-	-	-
	Siem Reap	Psa Leu	5,000	1.4	-9.1	-	→	→	-
	Oddar Meanchey	Samraong	5,250	-4.5	1.6	5.0	→	→	→
	Kampong Cham	Boeung Kok	8,000	23.1	41.2	60.0	↑	↑	↑
	Kampong Thom	Central	-	-	-	-	-	-	-
	Prey Veng	Central	5,750	-8.0	-	11.3	↓	-	→
	Kampong Chnang	Central	6,500	18.2	11.4	30.0	↑	↑	↑
	Kampong Speu	Central	6,000	0.0	5.9	0.0	→	→	→
	Pursat	Central	-	-	-	-	-	-	-
	Stung Treng	Stung Treng	-	-	-	-	-	-	-
Kandal	Ta Khmao	7,500	-	25.0	25.0	-	↑	↑	
Pork with fat	Banteay Meanchey	Serei Saophoan	15,000	0.0	0.0	7.1	→	→	→
	Siem Reap	Psa Leu	13,000	0.0	8.3	8.3	→	→	→
	Oddar Meanchey	Samraong	15,000	7.1	12.5	15.4	↑	↑	↑
	Kampong Cham	Boeung Kok	17,000	6.3	13.3	21.4	↑	↑	↑
	Kampong Thom	Central	13,000	0.0	2.6	14.7	→	→	→
	Prey Veng	Central	15,000	0.0	9.8	12.5	→	→	→
	Kampong Chnang	Central	15,333	-	7.0	15.0	-	→	↑
	Kampong Speu	Central	14,333	10.3	4.9	16.2	↑	→	↑
	Pursat	Central	14,000	0.0	0.0	16.7	→	→	↑
	Stung Treng	Stung Treng	-	-	-	-	-	-	-
Kandal	Ta Khmao	17,667	10.4	12.8	17.8	↑	↑	↑	
Duck egg	Banteay Meanchey	Serei Saophoan	533	-5.9	-8.6	6.7	↓	→	→
	Siem Reap	Psa Leu	543	-1.2	-11.9	8.7	→	↓	→
	Oddar Meanchey	Samraong	600	-2.7	5.9	12.5	→	→	→
	Kampong Cham	Boeung Kok	517	2.0	3.3	1.2	→	→	→
	Kampong Thom	Central	550	-	-3.5	-	-	→	-
	Prey Veng	Central	483	-	-10.5	-14.7	-	↓	→
	Kampong Chnang	Central	500	7.1	-15.3	0.0	↑	↓	→
	Kampong Speu	Central	550	-0.6	-10.3	7.1	→	↓	→
	Pursat	Central	483	-9.4	-17.1	8.2	↓	↓	→
	Stung Treng	Stung Treng	-	-	-	-	-	-	-
Kandal	Ta Khmao	533	-2.4	-11.1	-1.8	→	↓	→	

- ↑ Price increase above normal fluctuation
- Normal price fluctuation
- ↓ Price decrease below normal fluctuation
- Commodity not available in reporting month

Price fluctuation is considered normal if change within:
5% for month, 10% for 3 months, 15% for 1 year