

Informal Cross Border Food Trade in Southern Africa

Inside this issue:

Summary 1

Summary of Maize trade flows 2

Summary of rice trade flows 5

Summary of bean trade flows 6

Annex 1–2: Maize prices at selected border points 7

Annex 3: Summary tables and Map 9

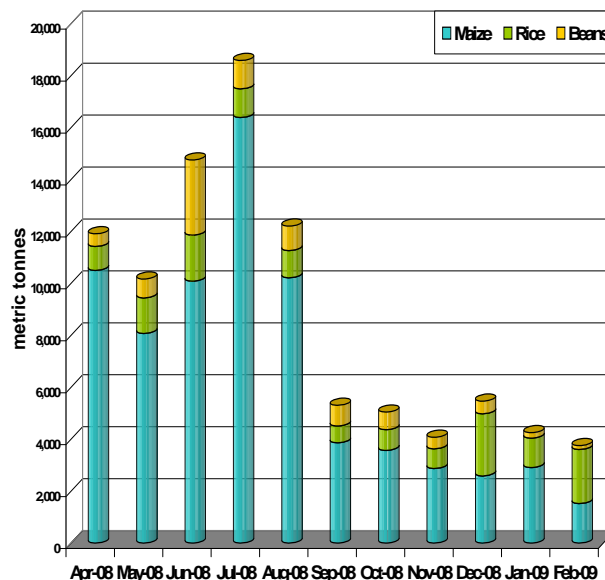
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Summary

- The total volume of informally traded commodities captured continued to drop in February 2009 as maize and bean volumes traded dropped 47 and 28 percent respectively. However, the volume of rice traded in that period increased significantly by 83 percent to 2,080 MT. The increase in volume of rice could be due to increased substitution of maize with rice as maize became even scarcer in February.
- While Mozambique’s informal maize exports have steadily declined since August, Tanzania’s maize exports remained relatively stable in January and February 2009. South African informal exports (into Zimbabwe) were for the second consecutive month, the highest, with maize exports accounting for 40 percent share of all maize exports in that month. Maize imported by Malawi declined over this period amidst reports of improving domestic availability as private traders who were hoarding maize were forced to release their maize as the next harvest approaches.
- Average nominal maize prices (in US\$ equivalent) continued to rise in most of the border points, especially in Malawi. February is the peak of the hunger season in most parts of the southern African region and prices normally peak around this time before they start declining in March. Average nominal maize prices this February ranged from US\$0.15/kg on the Tanzanian side of Zambia’s Mpulungu border (Kigoma) to US\$0.69/kg at Nayuchi border in Malawi .

Figure 1: Monthly volumes of maize, rice and bean trade from April to February 2009



The overall volume of trade in maize, rice and beans continued to decline in February 2009. Traded volumes dropped by about 12 percent from 4,256 MT in January to 3,758 MT in February 2009. The overall decline is attributed to a drop in the volume of maize and beans traded. Rice trade on the other hand almost doubled during the same period. Figure 1 shows a comparison of the monthly volumes of informal trade since the marketing year began in April 2008. Cumulative volumes traded from April 2008 to February 2009 amounted to 95,536 MT, about 25 percent lower than the 128,077 MT recorded during the same period last season. Maize is still the most traded commodity, accounting for about 79 percent of the trade captured by the monitoring system from April 2008 to February 2009, followed by rice (13 percent) and beans (8 percent).



A Technical Steering Committee (TSC) of the Cross Border Food Trade Monitoring Initiative, with funding from USAID and WFP, has prepared this report based on data collected by a network of border monitors based at selected border points. The border monitors record data on a daily basis, and transmit it to a central location every week for collation and analysis. Currently, the informal cross border trade monitoring system includes 29 borders, with new borders being added as necessary. Data from borders surrounding Malawi are collected and managed by FEWS NET and WFP Malawi, while the rest of the borders are managed by the TSC. Address comments/suggestions to the following e-mail addresses: pmdlada@fews.net, echapasuka@fews.net; eric.kenefick@wfp.org; or veronica.rammala@wfp.org

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Table 1: Informal cross border MAIZE trade by source and destination country (MT)

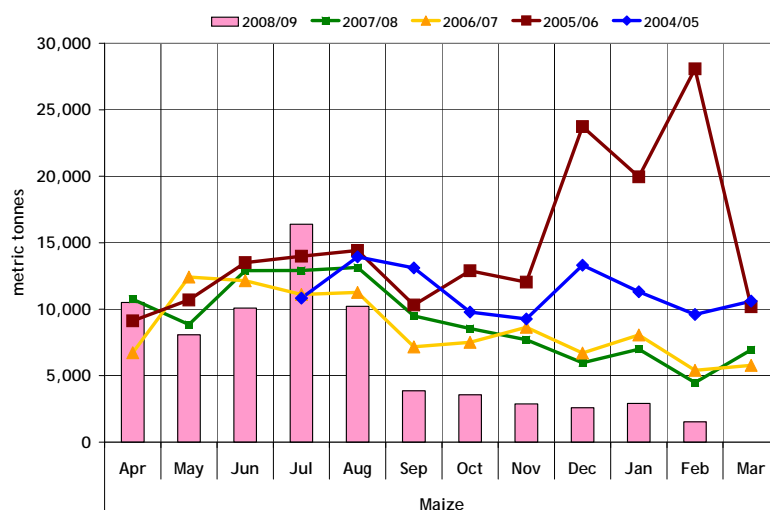
Source	Destination	Total 04/05 Season	Total 05/06 Season	Total 06/07 Season	Total 07/08	Feb 08	Feb 09	Cumulative Apr- Feb 07/08	Cumulative Apr- Feb 08/09
Malawi	Mozambique	0	133	591	3,755	23	24	3750	194
Malawi	Tanzania	637	944	2,928	1,581	0	1	1581	239
Malawi	Zambia	34	81	202	1,779	33	5	1764	124
Mozambique	Malawi	71,229	71,218	77,394	56,078	2212	245	52486	53025
Mozambique	Zambia	0	49	1,269	2,113	14	5	2087	865
Mozambique	Zimbabwe	2	5	2,085	11	0	1	9	172
South Africa	Zimbabwe	0	1,688	49	47	3	605.9	43	2611
Tanzania	Malawi	2,656	84,862	1,888	1,073	316	436	324	2416
Tanzania	Zambia	3,699	13,556	6,260	4,980	77	30.3	4904	2393
Zambia	DRC	8,318	4,682	9,481	33,424	931	64	32609	4566
Zambia	Malawi	2,157	419	378	2,500	830	0	876	5388
Zambia	Mozambique	0	55	2	0	0	7.1	0	54
Zambia	Tanzania	93	0	7	4	0	3	4	13
Zambia	Zimbabwe	13,106	182	299	433	0	0	433	350
Zimbabwe	Mozambique	0	85	294	129	10	0	125	1
Zimbabwe	Zambia	-	-	-	166	31	0	135	207
Total Traded (MT)		101,929	177,959	103,127	108,679	4,480	1,527	10,1736	72,618

Summary of Maize trade flows

The volume of maize traded (including maize meal) dropped by about 47 percent from 2,909 MT in January to 1,527 MT in February 2009. February is the peak of the hunger period in the region when maize becomes scarce, hence the decrease in the volume of trade. The figures captured by the Informal Cross-border Food Trade Monitoring System so far show that not only have the volumes been declining steadily since August but they have also been significantly lower than during the same period in the previous seasons. This is partly attributable to scarcity of exportable surpluses in the major source countries such as Mozambique and Zambia and reduced import demand in Malawi especially from December when some of the large traders (in Malawi) began to release their maize onto the market. Malawi generally accounts for the largest share of informal maize imports within the region. Parts of Mozambique and Zambia experienced poor crop production last season. Figure 2 shows trends in the volumes of maize captured by the monitoring system since 2004 while Table 1 shows a summary of maize trade flows.

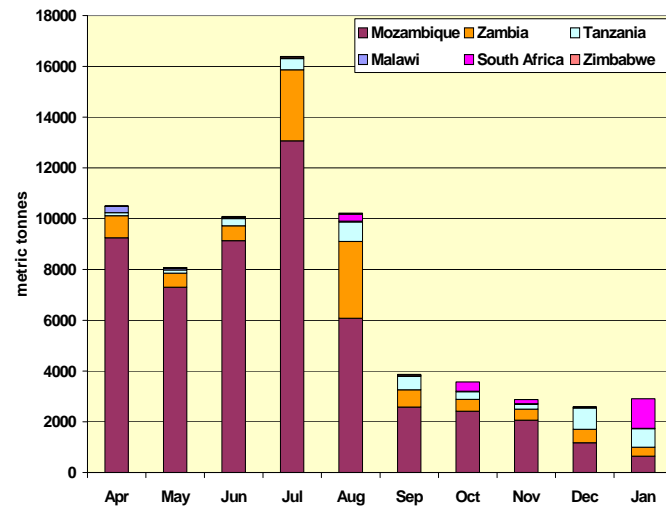
Cumulative volume of maize traded from April 2008 to February 2009 amounted to 72,618 MT, about 29 percent lower than the 101,736 MT traded during the same period last season. Maize trade flows between Mozambique and Malawi remain the most dominant with total trade accounting for 73 percent of all the maize traded from April 2008 to February 2009. Last season maize inflows from Mozambique to Malawi accounted for 55 percent of all the maize trade recorded at that time. However, the total volume of maize trade between the two countries is down slightly (by 5 percent) from 56,236 MT last season to 53,219 MT this season. The increase in Mozambique/Malawi maize trade share therefore is due not to increased volumes of maize trade between the two countries, but is due to an 86 percent drop in volume of maize traded between Zambia and DRC - from 32,609 MT last season to only 4,566 MT this season. This resulted in a decrease in the Zambia/DRC share of maize trade from 32 percent to 6 percent.

Figure 2. Recorded Volumes of Informal Cross Border Maize Trade –2004/05 to 2008/09 (MT)



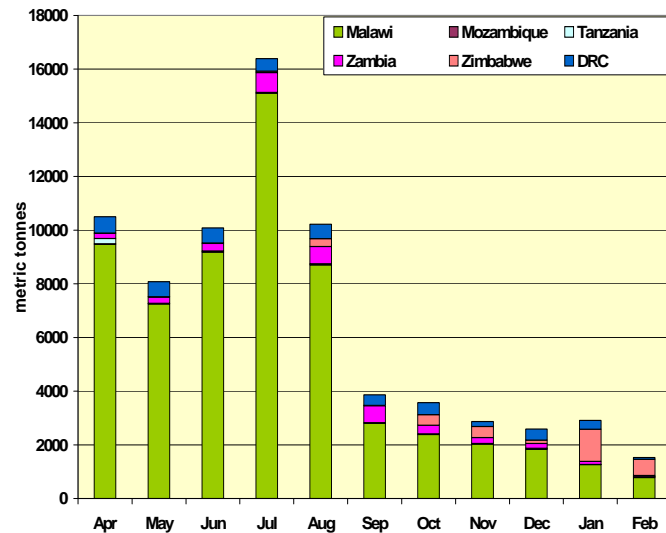
Exports: Mozambique informal maize exports have experienced a steady decline since August this season. Exports dropped by 45 percent from 644 MT in January to 351 MT in February 2009. This trend has moved Mozambique from being number one to number three exporter of maize through informal cross-border trade starting from January 2009. South Africa moved into first position in January and maintained the lead in February 2009. All countries except Malawi recorded drops in maize exports. South African maize exports (all of which went to Zimbabwe) dropped by 40 percent from 1,167 MT in January to 606 MT in February 2009. Tanzania recorded a 36 percent drop in maize exports from 731 MT in January to 466 MT in February. The bulk of the Tanzania's exports went to Malawi. Malawi's maize exports more than doubled from 11 MT in January to 30 MT in February 2009. Out of this, 24 MT went to Mozambique compared to only 3 MT in January. This tends to support findings of a January FEWS NET/WFP food security assessment which alluded to the rare change in the direction of maize flows at Muloza border from Malawi to Mozambique. This was attributed to release of maize by some private traders in Malawi who had been holding huge stocks of maize which increased the market supply of maize. This also explains why there were no imports of maize from Mozambique in January and February at Muloza border where most of the maize from Mozambique passes through. Figure 3 shows maize export trends by country from April 2008 to February 2009.

Figure 3: Monthly maize exports by source – April 2008 to February 2009



Although Mozambique's maize exports have significantly declined in recent months, the country still maintains the lead in terms of cumulative volumes of maize exports since the start of the current season in April 2008. Mozambique's cumulative maize exports amounted 54,062 MT which represented a 74 percent share of all informal maize exports recorded from April 2008 to February 2009. This is almost the same as the 54,582 MT of maize exported by Mozambique during the same period last season. Zambia's cumulative maize exports from April 2008 to February 2009 amounted to 10,371 MT, down by 69 percent from 33,022 MT exported during the same period last season.

Figure 4: Monthly maize imports by destination – April 2008 to February 2009



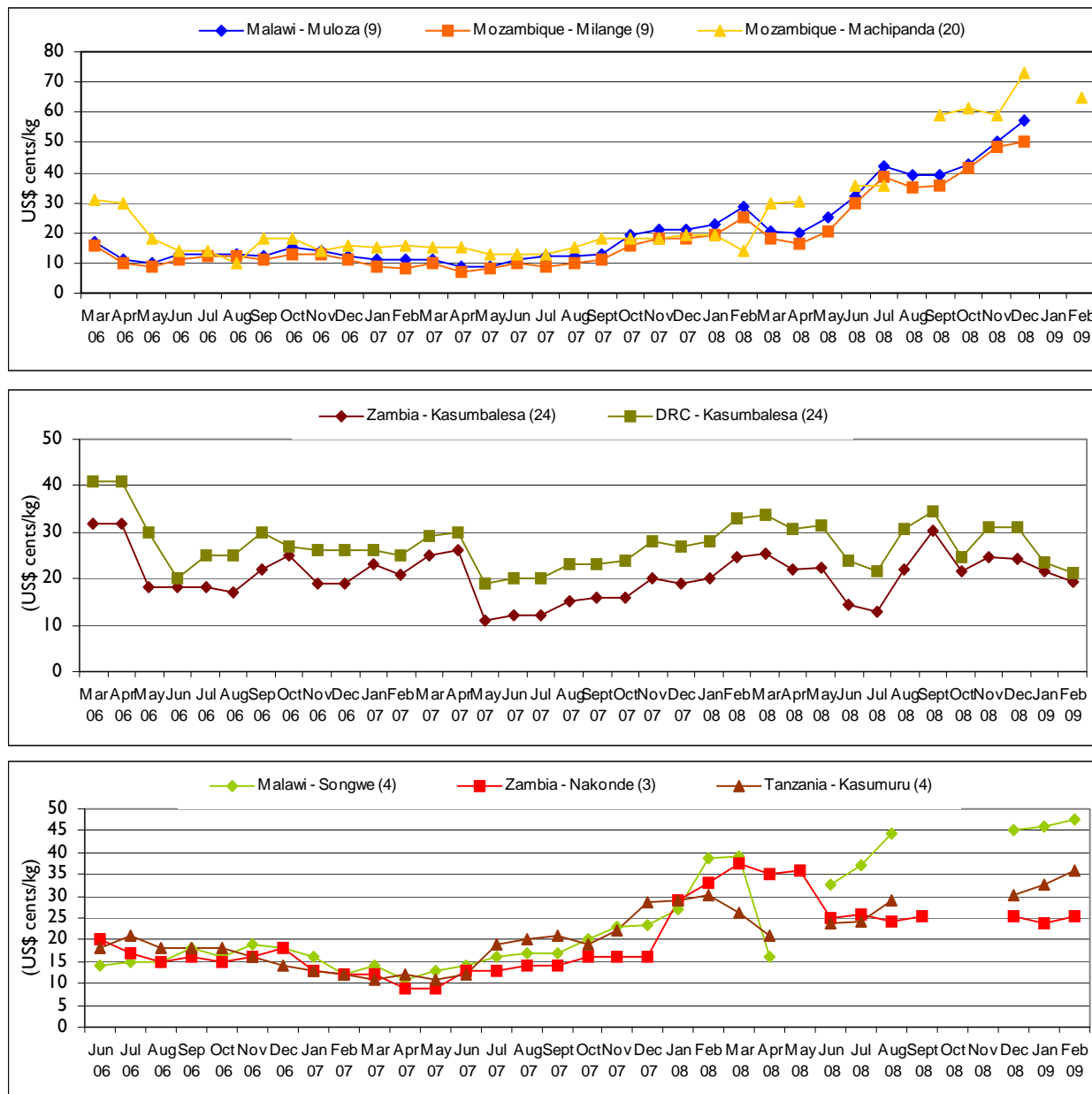
Imports: Malawi and Zimbabwe dominated maize imports through informal cross-border trade in February 2009, accounting for 51 percent and 40 percent of all maize imports in that month respectively. Malawi's February maize imports amounted to 781 MT, down by 38 percent from 1,261 MT in January. Out of the 781 MT maize imports by Malawi, about 56 percent came from Tanzania and the rest from Mozambique. Maize imports by Malawi have decreased steadily since August 2008 with the most active border (Muloza) recording zero imports in January and February. Although maize imports by Zimbabwe remained relatively high in February, the total captured dropped significantly (about 49 percent) from 1,196 MT in January to 607 MT. Most of the maize imports by Zimbabwe came from South Africa and were in the form of maize meal.

Figure 4 compares monthly maize imports by country. Cumulatively Malawi was still in the lead with 60,829 MT of informal maize imports recorded from April 2008 to February 2009. This represented about 84 percent of all the maize imports recorded over this period most of which (87 percent) came from Mozambique. DRC maintained her second position with cumulative imports from April 2008 to February 2009 of 4,566 MT which accounted for only 6 percent of all the maize imports. Maize imports by DRC came from Zambia and have increasingly been in the form of maize meal. This February, over 80 percent of the DRC's informal maize imports were in the form of maize meal.

Formal maize trade flows: The monitoring system also captured about 2,100 MT of formal maize imports in February 2009 by Zambia from South Africa (through Zimbabwe) resulting in cumulative formal maize imports by Zambia of about 2,521 MT.

Prices: Several of the monitored border points recorded nominal maize price decreases in February; a phenomenon which is unexpected for this time of year. Normally maize prices continue to rise in February as this is around the peak of the hunger season and market demand for maize is highest. Maize price decreases ranged from 2 percent at Tengani border in Malawi to 33 percent on the Zimbabwean side of Mozambique's Cuchamano border. The majority of the border points however did record maize price increases - ranging from just above zero percent at Chanida border in Zambia to 25 percent at Nayuchi border in Malawi. Out of the 36 border sites for which comparative data was available, about 39 percent recorded price decreases, 55 percent recorded price increases, and the remaining 5 percent recorded no change. Figure 5 shows the average nominal maize price trends for selected border points in US Dollar equivalent. However these trends are also affected by variations in the local currency exchange rate especially for Zambia where there has been some significant variations in the local currency exchange rate against the USD.

Figure 5a, 5b, and 5c: Retail MAIZE prices in selected border points (US\$ cents per kg)



Annex 1 shows a comparison of the maize price trends recorded across the various border points in US\$ equivalent based on the April 2008 exchange rate to remove the influence of the fluctuations in the exchange rates in order to ensure that the trends reflect as much as possible the maize price trends in local currency in the respective countries. The average nominal maize prices in US\$ equivalent ranged from US\$0.15/kg on the Tanzanian side of Zambia’s Mpulungu border (Kigoma) to US\$0.69/kg at Nayuchi border in Malawi. At national level, maize prices in Malawi ranged from US\$0.47/kg to US\$0.69/kg at Songwe and Nayuchi border points with Tanzania and Mozambique respectively. In Mozambique the prices ranged from US\$0.18/kg on the Mozambican side of Zambia’s Chikalawa border to US\$0.62/kg on the Mozambican side of Malawi’s Nayuchi border. In Tanzania the prices ranged from US\$0.15/kg on the Tanzanian side of Mpulungu border (Kigoma) to US\$0.36/kg on the Tanzanian side of Malawi’s Songwe border (Kisumuru). In Zambia the prices ranged from US\$0.19/kg at Kasumbalesa border with DRC to US\$0.33/kg at Chanida border. DRC side of Kasumbalesa border recorded an average maize price of US\$0.21/kg while Zimbabwe (across Mozambique’s Cuchamano border) recorded an average price of US\$0.57/kg. Appendix 2 presents the average nominal maize prices in US\$ equivalent across the various border points

The price of maize meal ranged from an equivalent of US\$0.35/kg at Chikalawa border in Zambia to US\$1.15/kg on the Zimbabwean side of Mozambique’s Cuchamano border. Across Zambian borders, maize meal prices ranged from US\$0.32/kg at Mpulungu border to US\$0.56/kg at Kasumbalesa border. In Mozambique maize meal prices ranged from US\$0.41/kg across from Chikalawa border to US\$1.15/kg at Cuchamano border. In the DRC, maize meal prices averaged about US\$0.70/kg across Kasumbalesa border point.

Summary of Rice trade flows

Table 2. Informal cross border RICE trade by source and destination country (MT)

Source	Destination	Total 04/05 Season	Total 05/06 Season	Total 06/07 Season	Total 07/08 Season	Feb 08	Feb 09	Cumulative Apr- Feb 07/08	Cumulative Apr- Feb 08/09
Malawi	Mozambique	1	12	1	822	2	3	822	56
Malawi	Tanzania	450	135	1,217	1,568	12	0	1,565	291
Malawi	Zambia	1	31	74	2,360	150	0	2240	990
Malawi	Zimbabwe	-	-	-	405	0	0	405	0
Mozambique	Malawi	2,532	1,691	1,718	444	9	2	432	690
Mozambique	Zimbabwe	58	399	850	1,028	91	111	933	1,913
South Africa	Zimbabwe	0	64	82	33	3	1	30	25
Tanzania	Malawi	70	912	4	100	0	0	0	154
Tanzania	Zambia	547	641	557	397	23	19.8	372	355
Zambia	DRC	12,644	12,629	1,697	6,746	931	1860.8	5,732	8,259
Zambia	Malawi	0	0	0	30	0	0	0	0
Zambia	Zimbabwe	50	106	803	3,312	146	82	3,312	1,310
Zimbabwe	Zambia	0	0	0	185	0	0	0	0
Total Traded (MT)		16,355	16,620	7,003	17,434	1,368	2,080	15,847	14,051

There was a 52 percent increase in the volume of rice captured - from 1,137 MT in January to 2,080 MT in February 2009. This is the highest volume of rice ever recorded in February since the start of the monitoring system in 2004. Figure 6 shows trends of monthly volumes of rice traded. The high volume of rice trade in February could be attributed to scarcity of maize leading traders to opt for rice instead. Zambia/DRC rice trade was the highest; accounting for 89 percent of the rice trade captured in February. Cumulatively, the Zambia/DRC rice trade still dominated; accounting for 59 percent of overall rice trade captured from April 2008 to February 2009. Cumulative volumes of rice trade captured amounted to 14,051 MT, about 11 percent lower than the 15,847 MT captured during the same period last season.

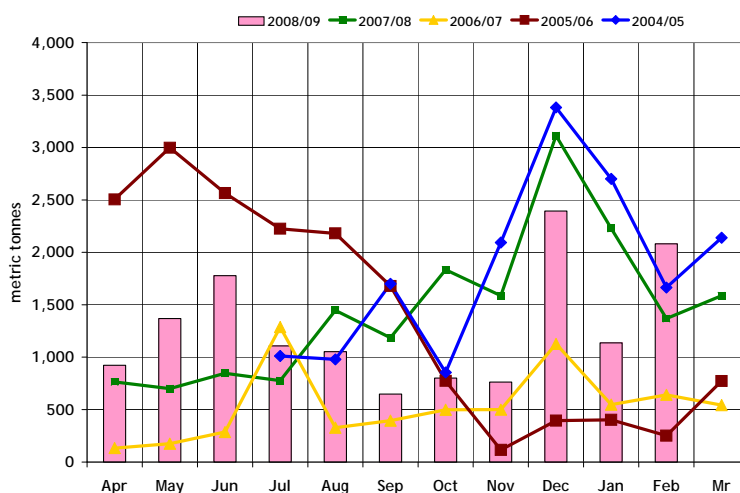
Exports: Most of the rice exports captured in February came from Zambia with total exports of 1,943 MT accounting for 93 percent of all rice exports in February 2009. Most (96 percent or 1,861 MT) went to DRC. Zambia's overall cumulative rice exports amounted to 9,575 MT out of which, 86 percent went to DRC. Overall, Zambia maintains the lead in rice exports and accounted for 68 percent of the 2008/09 marketing season's cumulative exports. Mozambique maintained her second position with a 19 percent share of all the rice exports over the same period. Malawi was in third position with 10 percent share followed by Tanzania with 5 percent.

Imports: Most of the rice imports in February 2009 went to DRC and accounted for about 89 percent of all the rice imports captured in February 2009. Zimbabwe was in second position with 9 percent share of all the rice imports recorded in February 2009. Cumulatively, DRC was still number one and accounted for about 59 percent of all the rice imports from April 2008 to February 2009. DRC's rice imports over this period amounted to 8,259 MT and all of it came from Zambia. This represented a 44 percent increase in DRC's rice imports of 5,732 MT captured over the same period last season. Zimbabwe was in second position with cumulative rice imports of 3,248 MT and accounted for 23 percent share of all the rice imports in that period. Zimbabwe's cumulative rice imports dropped by 31 percent compared to the 4,681 MT imported during the same period last season.

Prices: Polished rice price data was available for Nakonde, Mpulungu and Kasumbalesa border points in Zambia; and Machipanda border in Mozambique. All the border points recorded nominal average price decreases between January and February ranging between 3 and 10 percent. Average nominal prices ranged from US\$0.53/kg across Zambia's Mpulungu border in Tanzania (Kigoma) to US\$2.50/kg across Mozambique's Machipanda border in Zimbabwe.

Formal rice trade: Some 49 MT of formal rice imports by Zambia from Tanzania were recorded in February, bringing the total cumulative volume of formal rice imports by Zambia this season now amounts to about 9,363 MT (9,030 MT from Zimbabwe and 333 MT from Tanzania).

Figure 6: Recorded Volumes of Informal Cross Border Rice Trade— 2004/05 to 2008/09



Summary of Bean trade flows

Table 3. Informal cross border BEAN trade by source and destination country (MT)

Source	Destination	Total 04/05 Season	Total 05/06 Season	Total 06/07 Season	Total 07/08 Season	Feb 08	Feb 09	Cumulative Apr- Feb 07/08	Cumulative Apr- Feb 08/09
Malawi	Mozambique	417	76	269	149	11	0	137	19
Malawi	Tanzania	2	0	0	169	0	0	169	6
Malawi	Zambia	30	19	268	338	4	2	337	121
Malawi	Zimbabwe	-	-	-	480	0	0	480	0
Mozambique	Malawi	2,997	2,741	2,798	2,375	37	23	2,291	3,026
Mozambique	Zimbabwe	67	4	8	13	2	1	12	28
South Africa	Zimbabwe	0	325	83	11	0.1	1.5	11	5
Tanzania	Malawi	403	2,459	3,646	3,468	408	58	3,386	2,640
Tanzania	Zambia	509	472	588	1,058	59	19.8	837	904
Zambia	DRC	12,019	8,231	2,422	2,487	121	35.6	2,401	1,852
Zambia	Tanzania	0	0	2	0	0	0	0	0.4
Zambia	Zimbabwe	372	16	69	170	9.4	9.4	162	265
Total Traded (MT)		16,816	14,343	10,153	10,988	772	151	10,494	8,867

The volume of informally traded beans continued to drop in February 2009 - dropping 28 percent from 210 MT in January to a total of 151 MT. Cumulative volumes traded amounted to 8,867 MT, down by 16 percent from 10,494 MT traded in the April–February period last season. Figure 7 shows trends in volume of beans traded since 2004.

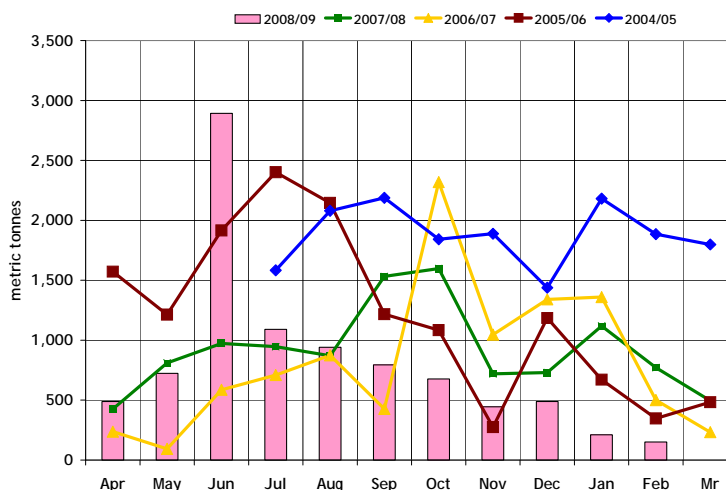
Malawi/Mozambique trade accounted for the largest share (34 percent) of overall bean trade so far this season. Malawi/Tanzania trade was in second position accounting for 30 percent share, while trade between Zambia and DRC was in third position and accounted for 21 percent of the total bean trade captured.

Exports: Tanzania, Zambia and Mozambique accounted for most of the bean exports captured in February 2009. Out of the 151 MT of beans traded, Tanzania exported 78 MT (or 52 percent), Zambia exported 45 MT (or 30 percent), and Mozambique exported 24 MT (or 16 percent). Cumulatively, Tanzania remained the leading bean exporter. The total volume of bean exports by Tanzania amounted to 3,544 MT representing 40 percent of all the beans exported during this period. About 74 percent of this went to Malawi and the remaining 26 percent to Zambia. Tanzania's total bean exports were down by 16 percent compared to the same period last season. Mozambique was in second position with cumulative bean exports amounting to 3,054 MT, or 34 percent share of all beans exports. Almost all the bean exports from Mozambique went to Malawi. Mozambique's bean exports were up 33 percent compared to the same period last season. Zambia was in third position with cumulative bean exports of 2,118 MT which accounted for 24 percent of the overall bean exports in that period. About 87 percent of Zambia's bean exports went to DRC while the remaining 13 percent went to Zimbabwe.

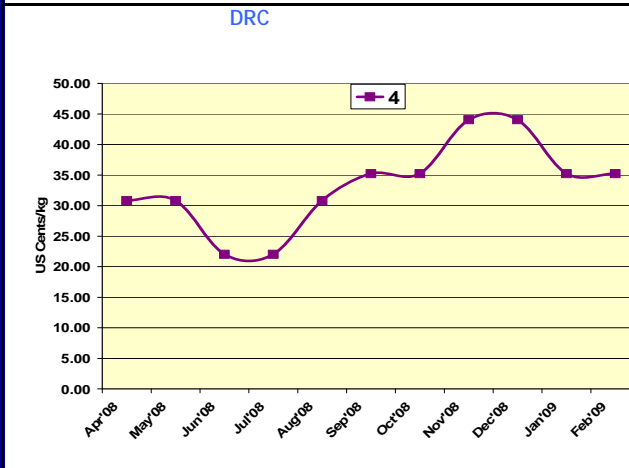
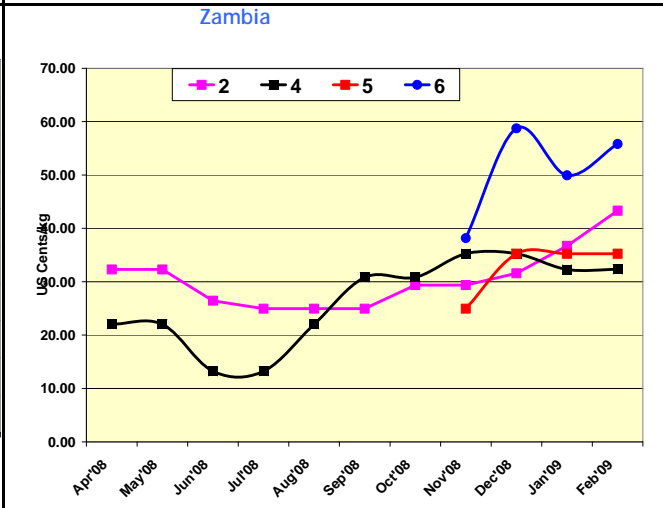
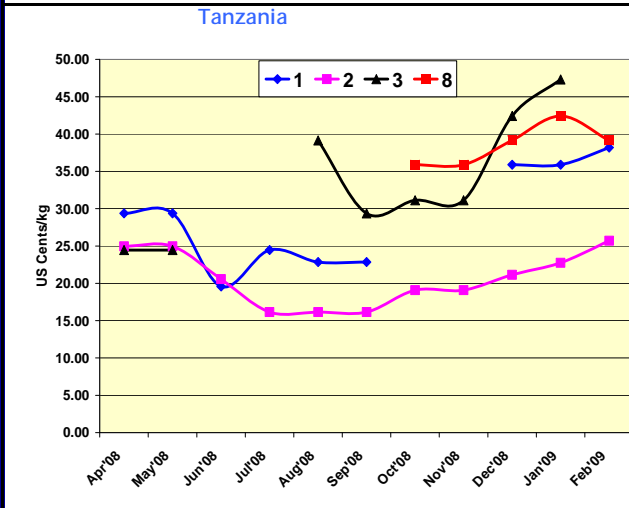
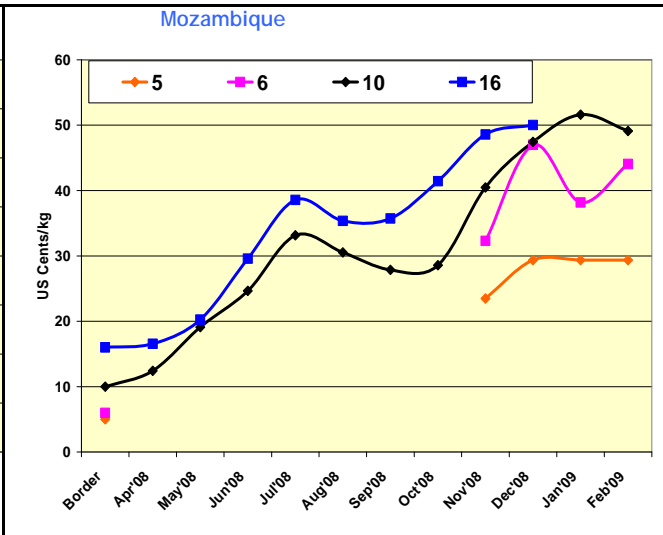
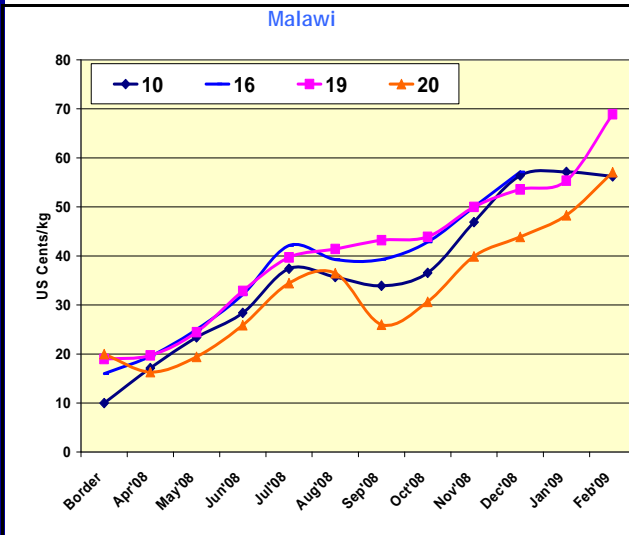
Imports: Malawi has been the major importer of beans during the current marketing season accounting for 64 percent of all bean imports between April 2008 and February 2009. Malawi's cumulative bean imports amounted to 5,666 MT, almost the same as the 5,677 MT imported during the same period last season. About 53 percent of these imports came from Mozambique while the rest came from Tanzania. DRC was in second position with cumulative bean imports of 1,852 MT which accounted for 24 percent of total bean imports. The main source of DRC's bean imports was Zambia. Zambia and Zimbabwe were next in terms of shares of total imports and accounted for 12 percent and 3 percent respectively. Table 3 shows a summary of the bean trade flows.

Prices: Average nominal bean prices in US\$ equivalent dropped in February across majority of the border points where bean prices were recorded. Prices ranged from US\$0.34/kg on the Tanzanian side of Zambia's Lumi border point to US\$1.80/kg on the Zimbabwean side of Mozambique's Cuchamano border. On a country by country basis, bean prices ranged from US\$0.34/kg to US\$0.93 in Tanzania, from US\$0.62/kg to US\$1.60/kg in Zambia, from US\$0.56/kg to US\$1.30/kg in Mozambique, from US\$0.64/kg to US\$1.52/kg in Malawi and from US\$1.50/kg to US\$1.80/kg in Zimbabwe.

Figure 7: Recorded Volumes of Informal Cross Border Bean Trade—2004/05 to 2008/09



Annex 1. Average nominal maize price trends (US \$ equivalent) using April 2008 exchange rate



KEY:

- Across Nakonde border
- Across Mpulungu border
- Across Zombe border
- Across Kasumbalesa border
- Across Chanida border
- Across Lumi border
- Across Tengani border
- Across Muloza border
- Across Kolowiko border
- Across Nayuchi border
- Across Kalanje border

Annex 2: Average nominal maize prices per kg in US Cents equivalent from April 2008 to February 2009

Border	Side of Bor	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	% Change
Mpungu	Tanzania	24.96	25.41	22.40	15.94	16.06	15.78	13.42	13.42	14.86	15.15	15.34	1%
Chikalaw a	Mozambique								23.49	20.64	19.54	17.53	-10%
Kasumbales	Zambia	22.03	22.42	14.40	13.04	21.90	30.13	21.67	24.77	24.77	21.50	19.28	-10%
Kasumbales	DRC	30.84	31.39	24.00	21.74	30.66	34.43	24.77	30.96	30.96	23.45	21.03	-10%
Chikalaw a	Zambia								24.96	24.77	23.45	21.03	-10%
Nakonde	Tanzania	29.37	29.90	21.34	24.14	22.72	22.32			25.23	23.89	22.79	-5%
Lumi	Tanzania								25.22	27.52	28.23	23.37	-17%
Mbirima	Tanzania	28.57	11.89	13.95	20.73	21.64	21.35	22.12	16.89			23.79	n/a
Nakonde	Zambia	35.24	35.87	24.90	25.77	24.32	25.51	0.00	0.00	25.23	23.89	25.42	6%
Mpungu	Zambia	32.31	32.88	28.80	24.64	24.82	24.39	20.64	20.64	22.19	24.43	25.85	6%
Chanida	Mozambique								32.31	33.02	25.41	26.29	3%
Zombe	Zambia	26.75	27.23				34.43	25.18	25.18	36.69	35.83	29.22	-18%
Chanida	Zambia								38.18	41.28	33.22	33.30	0%
Songwe	Tanzania			23.93	24.14	29.02				30.36	32.86	35.71	9%
Chuchamand	Mozambique	11.78	16.48	23.60	30.75	35.52	35.37	47.17	58.00	73.00	56.00	44.00	-21%
Kalanje	Mozambique	13.95	16.28	20.48	30.04	32.04	23.37	25.21	33.61	38.45	40.96	44.91	10%
Songwe	Malawi			32.86	36.93	44.46				45.36	46.16	47.41	3%
Mkumaniza	Mozambique	14.86	17.86	20.00	23.43	28.57	28.57	28.57	38.10	42.86	47.86	48.57	1%
Tengani	Mozambique	12.43	19.11	24.64	33.14	30.54	27.86	28.57	40.48	47.43	51.61	49.11	-5%
Kolow iko	Mozambique	11.43	15.18	19.46	30.00	25.36	25.00	33.04	41.67	45.00	41.07	49.11	20%
Makhanga	Mozambique	14.00	19.64	24.82	32.29	34.64	33.57	32.29	40.71	50.86	52.86	50.89	-4%
Sankhulani	Mozambique	15.43	12.38	22.38	26.86		36.93	37.14		50.71	52.86	52.86	0%
Marine	Mozambique	9.14	15.71	17.14	23.71	28.57	28.57	28.57	40.48	50.86	55.36	53.04	-4%
Naminkhaka	Mozambique	12.86	17.68	24.11	34.14	26.61	23.93	33.04	41.67	49.29	52.50	53.75	2%
Mkumaniza	Malawi	20.29	23.57	24.29	27.71	35.71	35.71	35.71	44.76	50.00	53.93	54.29	1%
Tengani	Malawi	17.14	23.39	28.39	37.43	35.71	33.93	36.57	46.90	56.43	57.14	56.25	-2%
Chuchamand	Zimbabwe									126.00	85.00	57.00	-33%
Kalanje	Malawi	16.35	19.43	25.91	34.45	36.50	25.99	30.67	39.91	43.91	48.32	57.08	18%
Sankhulani	Malawi	19.14	14.29	24.86	31.71		41.07	40.00		57.14	57.14	57.14	0%
Makhanga	Malawi	17.00	22.50	27.68	37.43	39.64	38.57	37.14	46.43	60.57	60.00	58.93	-2%
Marika	Mozambique	10.89	15.00	21.43	29.29	34.46	39.64	42.00	50.00	55.71	57.86	60.48	5%
Nayuchi	Mozambique	17.43	21.25	29.29	35.86	37.14	37.86	38.04	44.05	48.57	51.79	61.79	19%
Marine	Malawi	14.00	21.43	25.36	38.57	42.14	40.36	42.86	53.81	62.86	62.50	64.29	3%
Machipanda	Mozambique	30.60		35.43	35.47	0.00	58.98	61.33	59.00	73.00		65.00	n/a
Naminkhaka	Malawi	17.29	21.79	28.04	37.00	32.68	28.57	36.25	49.29	55.71	57.14	66.07	16%
Kolow iko	Malawi	15.71	20.54	27.14	38.14	32.68	29.46	40.18	50.00	57.86	55.36	66.96	21%
Marika	Malawi	13.93	18.57	25.71	34.29	39.64	44.64	47.14	57.14	62.50	64.29	67.86	6%
Nayuchi	Malawi	19.71	24.46	32.86	39.71	41.43	43.21	43.93	50.00	53.57	55.36	68.93	25%

Annex 3: Trade Tables

Table 4 Informal Cross Border trade in Maize (MT)

Source	Destination	2004/05 Season	Apr-Jun 05	Jul-Sep 05	Oct-Dec 05	Jan-Mar 06	2005/06 Season	Apr-Jun 06	Jul-Sep 06	Oct-Dec 06	Jan-Mar 07	2006/07 Season	Apr-Jun 07	Jul-Sep 07	Oct-Dec 07	Jan-Mar 08	2007/08 Season
Tanzania	Zambia	3,699	397	7,685	4,201	1,273	13,556	318	751	2,632	2,559	6,260	835	2,649	1,158	338	4,980
Zambia	Zimbabwe	13,106	86	13	21	62	182	3	0	1	295	299	243	179	11	0	433
Zambia	Malawi	2,157	34	36	349	-	419	58	249	45	26	378	22	21	3	2,454	2,500
Zambia	Tanzania	93	-	-	-	-	-	-	0	0	7	7	4	0	0	0	4
Malawi	Zambia	34	8	5	51	17	81	64	65	27	46	202	907	427	171	274	1,779
Zambia	DRC	8,318	2,477	1,641	531	33	4,682	992	956	3189	4,344	9,481	8,123	11,044	10,377	3,880	33,424
Mozambique	Malawi	71,229	29,064	26,866	8,981	6,307	71,218	27,479	27,069	15726	7,120	77,394	21,394	19,648	7,712	7,324	56,078
Malawi	Tanzania	637	103	174	358	309	944	2,358	451	55	64	2,928	71	348	137	1,025	1,581
Tanzania	Malawi	2,656	471	1,211	33,601	49,579	84,862	-	0	183	1,705	1,888	0	0	8	1,065	1,888
Mozambique	Zimbabwe	2	2	3	-	-	5	4	0	6	2,075	2,085	4	0	1	6	11
Mozambique	Zambia	-	5	24	20	-	49	5	111	811	342	1,269	475	1,084	489	65	2,113
Malawi	Mozambique	-	-	-	-	133	133	-	0	17	574	591	97	86	1,786	1,786	3,755
Zambia	Mozambique	-	-	-	-	55	55	2	0	0	0	2	0	0	0	0	0
Zimbabwe	Mozambique	-	-	-	-	85	85	15	43	147	89	294	12	48	45	24	129
South Africa	Zimbabwe	-	486	921	55	226	1,688	17	8	15	9	49	9	10	17	11	47
Total Traded (MT)		101,929	33,133	38,579	48,168	58,079	177,959	31,315	29,703	22854	19,255	103,127	32,496	35,544	22,221	18,417	108,679

Table 5: Informal Cross Border trade in Rice (MT)

Source	Destination	2004/05 Season	Apr-Jun 05	Jul-Sep 05	Oct-Dec 05	Jan-Mar 06	2005/06 Season	Apr-Jun 06	Jul-Oct 06	Oct-Dec 06	Jan-Mar 07	2006/07 Season	Apr-Jun 07	Jul-Sep 07	Oct-Dec 07	Jan-Mar 08	2007/08 Season
Tanzania	Zambia	547	99	184	172	178	641	100	168	165	124	557	96	140	84	77	397
Malawi	Tanzania	450	-	61	0	-	135	56	740	106	315	1,217	363	421	761	23	1,568
Tanzania	Malawi	70	3	4	108	797	912	4	0	0	0	4	0	0	0	100	100
Zambia	DRC	12,644	6,164	5,661	690	114	12,629	46	231	1125	295	1,697	253	486	2,658	3,349	6,746
Zambia	Malawi	0	-	0	0	-	0	-	0	0	0	0	0	0	0	30	30
Malawi	Zambia	1	30	1	0	-	31	-	2	12	60	74	285	510	1,055	510	2,360
Zambia	Zimbabwe	50	15	16	34	41	106	55	141	76	531	803	629	1,086	1,016	581	3,312
Mozambique	Malawi	2,532	1,456	0	152	83	1,691	222	1,155	275	66	1,718	180	95	130	39	444
Malawi	Mozambique	1	4	2	0	6	12	-	0	0	1	1	11	488	288	35	822
Mozambique	Zimbabwe	58	188	97	45	69	399	99	166	253	332	850	291	174	321	242	1,028
South Africa	Zimbabwe	0	21	19	9	15	64	6	3	67	6	82	8	8	8	9	33
Total Traded (MT)		16,355	8,062	6,045	1,210	1,303	16,620	588	2,606	2079	1,730	7,003	2,311	3,408	6,533	5,182	17,434

Annex 3 (continued)

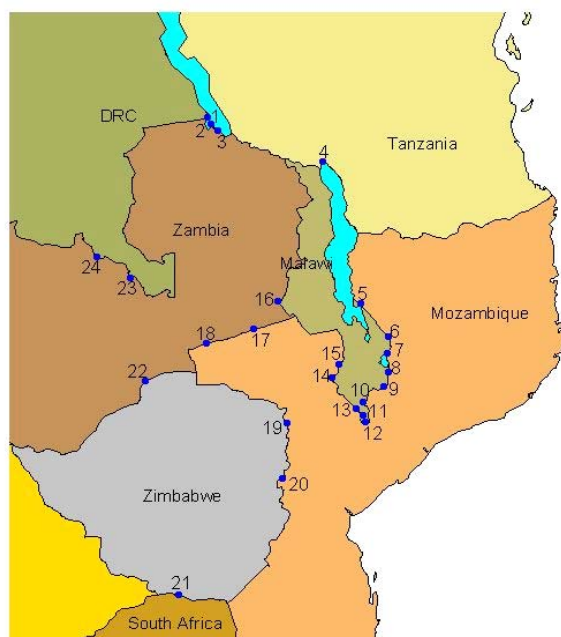
Table 6: Informal cross border trade in beans (MT)

Source	Destination	2004/05 Season	Apr-Jun 05	Jul-Sep 05	Oct-Dec 05	Jan-Mar 06	2005/06 Season	Apr-Jun 06	Jul-Sep 06	Oct-Dec 06	Jan-Mar 07	2006/07 Season	Apr-Jun 07	Jul-Sep 07	Oct-Dec 07	Jan-Mar 08	2007/08 Season
Tanz	Zambia	509	99	223	87	63	472	128	154	73	233	588	433	239	82	304	1,058
Zambia	Tanz	0	-	0	0	-	0	-	0	2	0	2	0	0	0	0	0
Zambia	DRC	12,019	3,593	3,740	843	55	8,231	390	350	1,558	124	2,422	615	683	862	327	2,487
Malawi	Moz	417	14	29	5	28	76	15	2	0	252	269	79	9	29	32	149
Zambia	Zim	372	1	6	3	6	16	28	20	8	13	69	37	42	62	29	170
Moz	Malawi	2,997	683	1,530	463	65	2,741	613	1,383	737	65	2,798	524	1,038	627	186	2,375
Malawi	Tanz	2	-	0	0	-	0	-	0	0	0	0	0	169	0	0	169
Moz	Zim	67	1	1	2	-	4	1	2	4	1	8	3	2	5	3	13
Malawi	Zambia	30	3	7	6	3	19	151	64	26	27	268	184	101	38	15	338
Tan	Malawi	403	18	68	1,134	1,239	2,459	-	54	2,227	1,365	3,646	0	880	1,341	1,247	3,468
RSA	Zim	0	165	152	4	4	325	3	2	66	12	83	3	5	2	1	11
Total Traded (MT)		16,816	4,577	5,756	2,547	1,463	14,343	1,329	2,031	3,360	2,092	10,153	2,208	3,348	3,048	2,384	10,988

UN World Food Programme Regional Bureau for Southern Africa, Johannesburg RSA and

FEWS NET Regional Office, Pretoria RSA

Cross - Border Monitoring Sites, 2007



NAME OF BORDER

- | | |
|----------------------|--------------------------|
| 1. Mulungu / Kigoma | 13. Marine |
| 2. Zombe / Kasesya | 14. Mkumaniza |
| 3. Nakonde / Tunduma | 15. Mwanza |
| 4. Songwe / Kasumuru | 16. Mchinji |
| 5. Kalanje | 17. Marowela |
| 6. Nayuchi | 18. Chadiza |
| 7. Naminkhakha | 19. Nyamapanda |
| 8. Kolowikho | 20. Machipanda |
| 9. Muloza | 21. Messina / Beitbridge |
| 10. Sankhulani | 22. Chirundu |
| 11. Tengani | 23. Mokambo |
| 12. Marka | 24. Kasumbalesa |

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