

# Tables and charts from

## **CHICKENS AND BEER:**

### A recipe for agricultural growth in Mozambique

By Teresa Smart and Joseph Hanlon

e figures que estão faltando na edição impressa do capítulo 6 do

## **GALINHAS E CERVEJA: uma receita para o crescimento**

Galinhas e Cerveja: uma receita para o crescimento  
Chickens and beer: A recipe for agricultural growth in Mozambique  
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### **Commercial farmers**

We define a "small commercial farmer" as a farmer who produces primarily for the market and sells crops worth more than five times the median family cash income, and we define a "medium commercial farmer" as being in the top quarter of commercial farmers, with cash sales of over 40,000 MT per year. We use the terms "emergent farmers," "middle farmers" or simply "commercial farmers" for both small and medium commercial farmers. In summary:

700 MT = \$23 = £14 = median cash income per rural person per year

3,400 MT = \$113 = £68 = median cash income per rural family per year

17,000 MT = \$567 = £340 = minimum cash sales per family to be a small commercial farmer.

40,000 MT = \$1330 = £800 = minimum cash sales per family to be a medium commercial farmer.

We estimate that there were about 68 000 medium and small commercial farmers – fewer than 2% of all farmers. We estimate the distribution by province as:

18,000 Tete

14,000 Niassa

10,000 Nampula

9,000 Manica

6,000 Zambézia

4,000 Sofala

2,000 Cabo Delgado

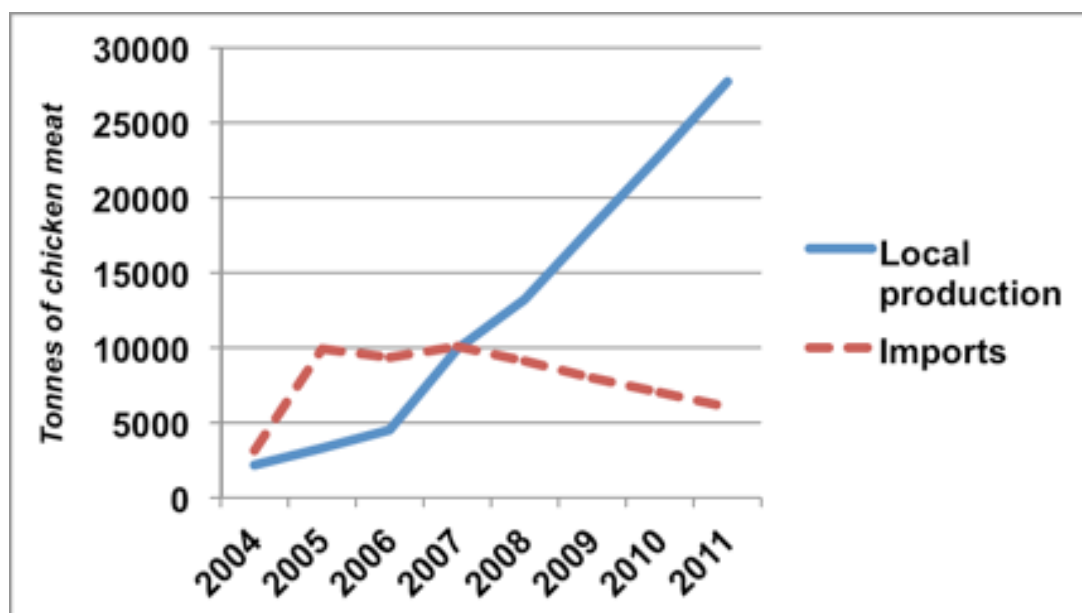
2,000 Inhambane

1,000 Gaza

1,000 Maputo Province

68,000 Total

**Figure 4.1. Production and Import of Chicken Meat**



Source: Filomena Dos Anjo, 2013

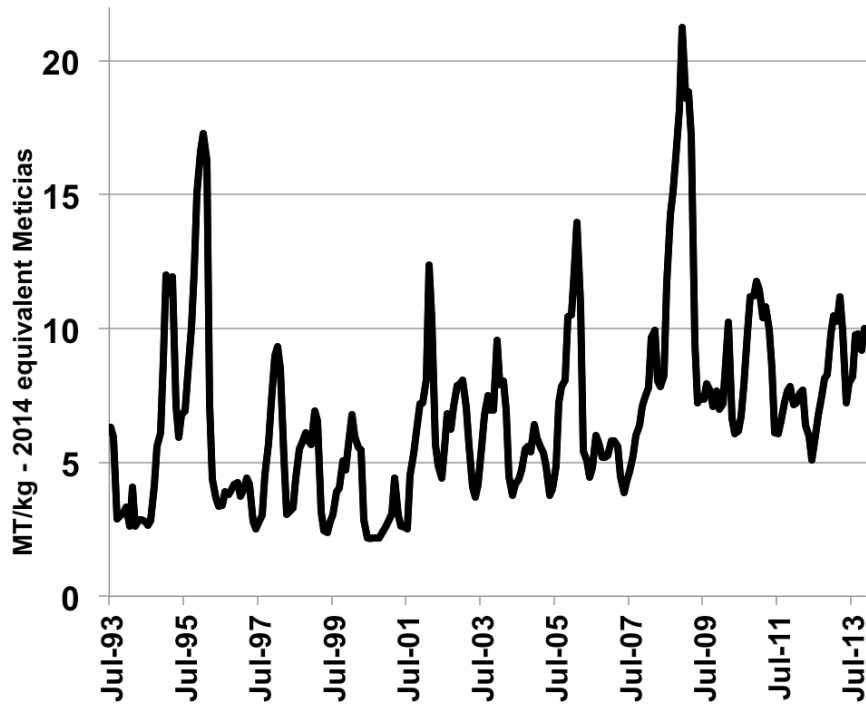
**Table 4.1: Gurué district soya farmers, estimates of 2012 harvest**

Farm size	Number of farms	Production (tonnes)	Mean sales - MT	Mean profit - MT	
0.5-1 ha	3 300	2 800	13 000	7 000	
1.1-2 ha	600	1 300	34 000	17 000	Small commercial
2.5-4 ha	200	700	57 000	29 000	Medium commercial
>4 ha	100	700	95 000	47 000	
<b>TOTAL</b>	<b>4 200</b>	<b>5500</b>			

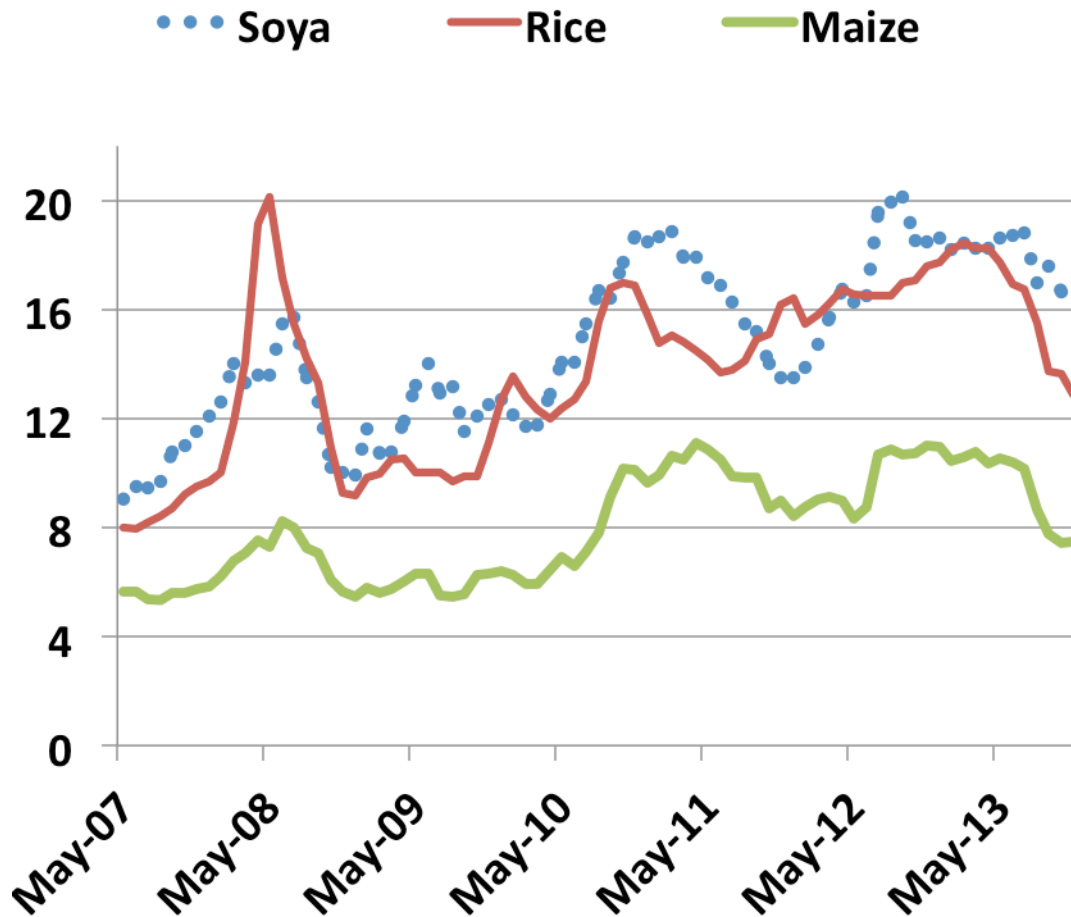
**Table 4.2: Women in Clusa Zambézia groups**

Farm size	%age women	
0, did not grow soya	23%	
0.4 – 1 ha	22%	
1.1 – 2 ha	23%	Small commercial
2.5– 4 ha	27%	Medium commercial
> 4 ha	19%	
<b>TOTAL</b>	<b>21%</b>	

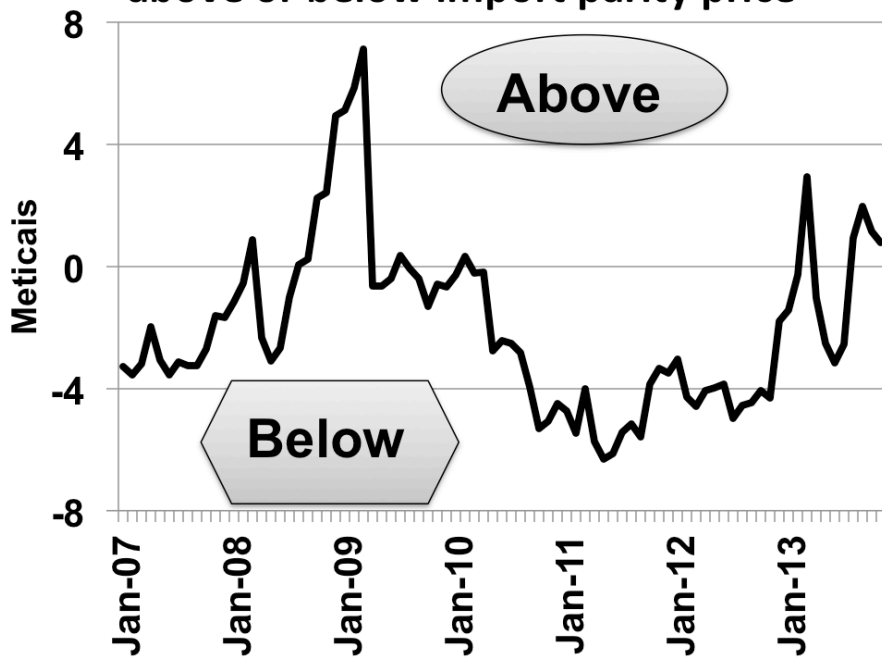
**Figure 6.1 Maize price, paid to producers, Vila Manica**



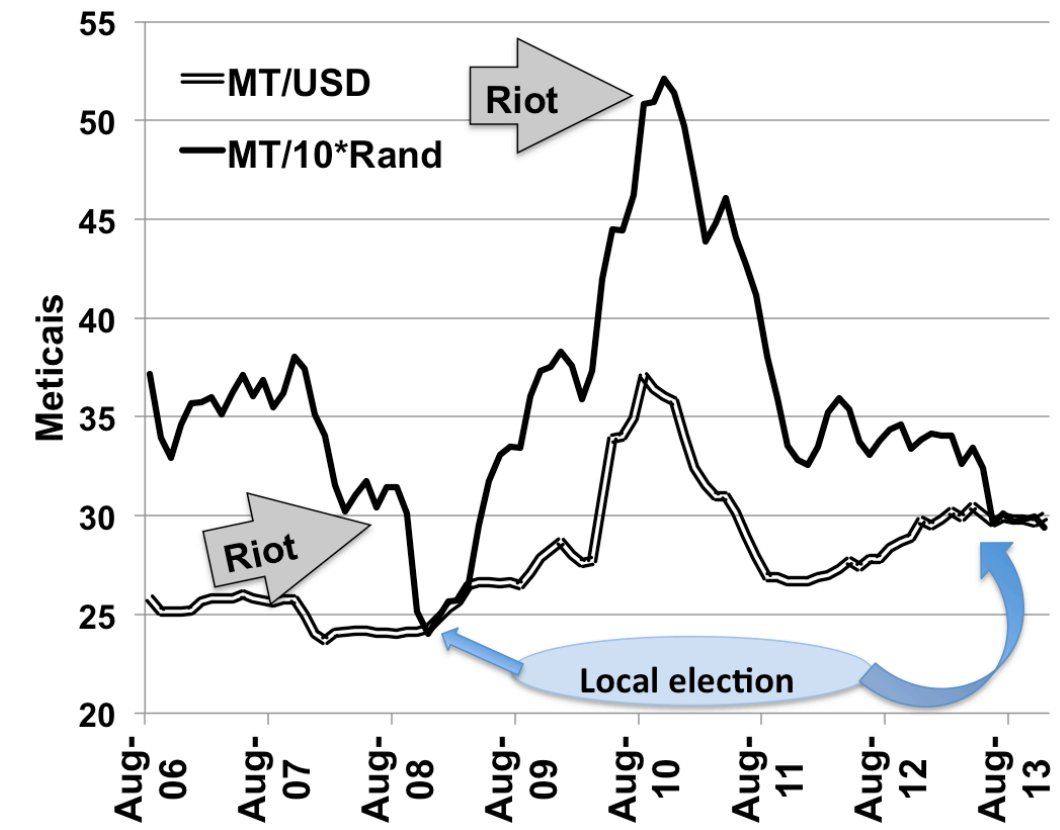
**Figure 6.2 Import parity price MT/kg**



**Figure 6.3 Maize producer price in Angónia – above or below import parity price**



**Fig 6.4 Metical Exchange Rates**



**Table 6.1 Maize prices**

All prices MT/kg	June 2012	August 2012	October 2012	June 2013	August 2013	October 2013
<b>Producer prices</b>						
Gorongosa	3.9	5.7	6.2	3.7	5.5	7.8
Angónia	5.7	6.3	6.9	7.4	9.7	8.6
Manica	4.6	6.9	8	7.4	9.7	9.1
Ribaué	5.7	6.9	9.7		7	11.4
<b>Retail prices in producer town</b>						
Manica	5.7	8	9.1	8	10.3	9.7
Ribaue	6.9	7.4	10.3		10.6	14.3
<b>Retail prices in main cities</b>						
Maputo	12	12.7	13.5	13.5	13.5	12.7
Beira		9	9	8	9.1	11.4
Nampula	7.4	8.6	10.9	8.6	11.4	14.3
<b>Import prices</b>						
South African white maize in southern Mozambique	9.2	11	10	8	8.3	8.8
Import parity maize price in Mozambican ports	8.7	10.9	10.7	10.4	8.7	7.4
<b>Regional</b>						
Zimbabwe - GMB pays to producer	8.3	8.5	8.7	11.3	11.3	11.3

**Table 6.2 Grain production and consumption, 2013, 1000 tonnes**

	Maize	Rice	Wheat	Total
<b>Produced</b>	2150	182	3	2335
<b>Imported</b>	100	470	625	1195
<b>Exports</b>	5	0	0	5
<b>Total consumption</b>	2245	652	628	3525
<b>Local production as share of consumption</b>	96%	28%	0%	66%

source: <http://www.indexmundi.com/>

**Table 10.1 Small-holder maize production in Zambia**

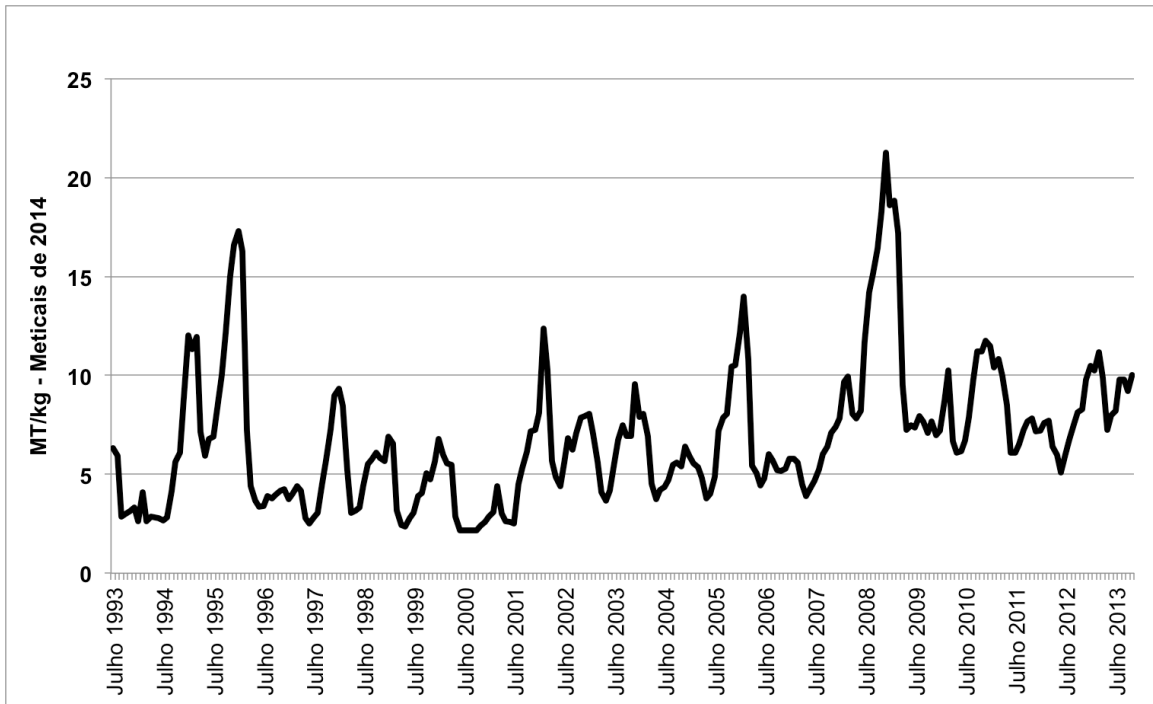
Area cultivated - all crops	Number of farms 2010/11	% of farms	Maize production (tonnes)		% increase	Increase per farm, kg
			Mean 2005/06 to 2007/08	2010/11		
0-0.9 ha	596,334	40%	212,335	309,324	46%	157
1-1.9 ha	499,026	33%	381,293	707,438	86%	666
2-4.9 ha	354,116	24%	490,102	1,130,527	131%	2,030
5-9.9 ha	49,410	3.3%	196,848	494,719	151%	7,037
10-20 ha	6,999	0.5%	103,156	144,888	40%	6,298
<b>TOTAL</b>	<b>1,505,885</b>		<b>1,383,735</b>	<b>2,786,896</b>	<b>101%</b>	

**Table 10.2 Fertilizer and maize in Zambia**

Area cultivated - all crops	% of farmers receiving FISP fertiliser 2010/11	Maize yield kg/ha		
		Unfertilized	Fertilized	Difference
0-0.9 ha	14%	1257	2181	924
1-1.9 ha	31%	1247	1957	710
2-4.9 ha	45%	1429	2180	751
5-9.9 ha	58%	1560	2372	812
10-20 ha	53%	1725	2511	786
<b>TOTAL</b>	<b>29%</b>			

**Figuras que estão faltando na edição impressa do capítulo 6 do GALINHAS E CERVEJA: uma receita para o crescimento**

**Figura 6.1**  
**Preço ao produtor do milho em Vila Manica, em moeda de 2014**



**Figura 6.2**

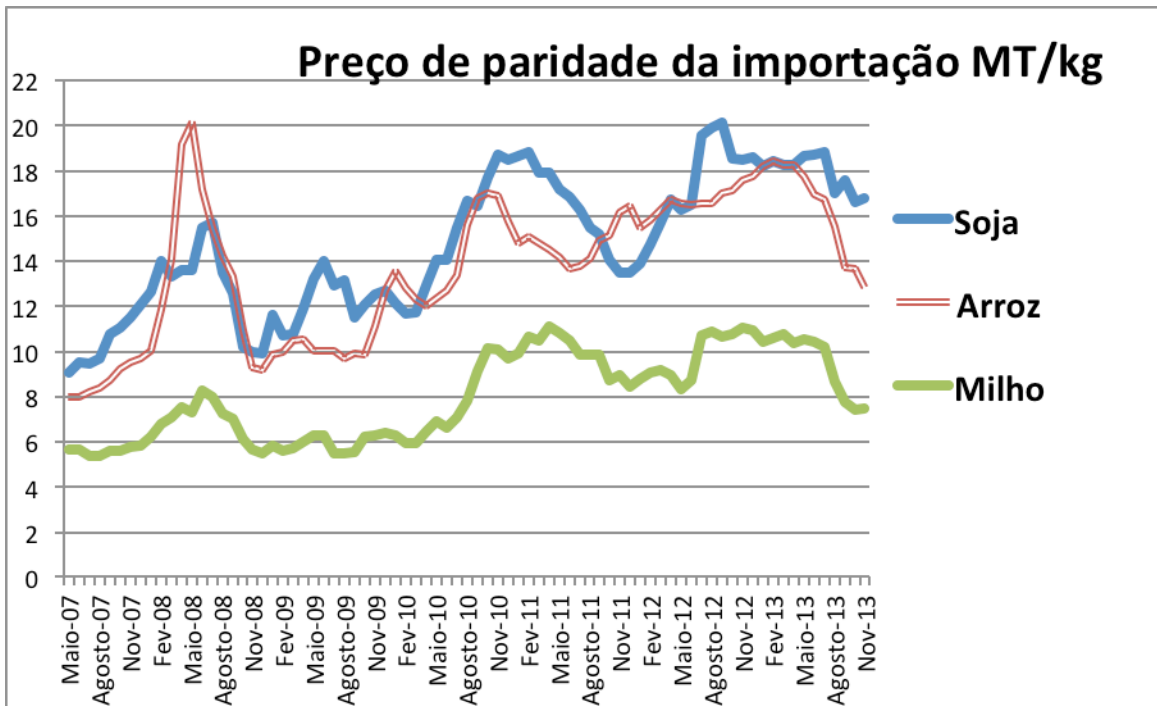


Figura 6.3

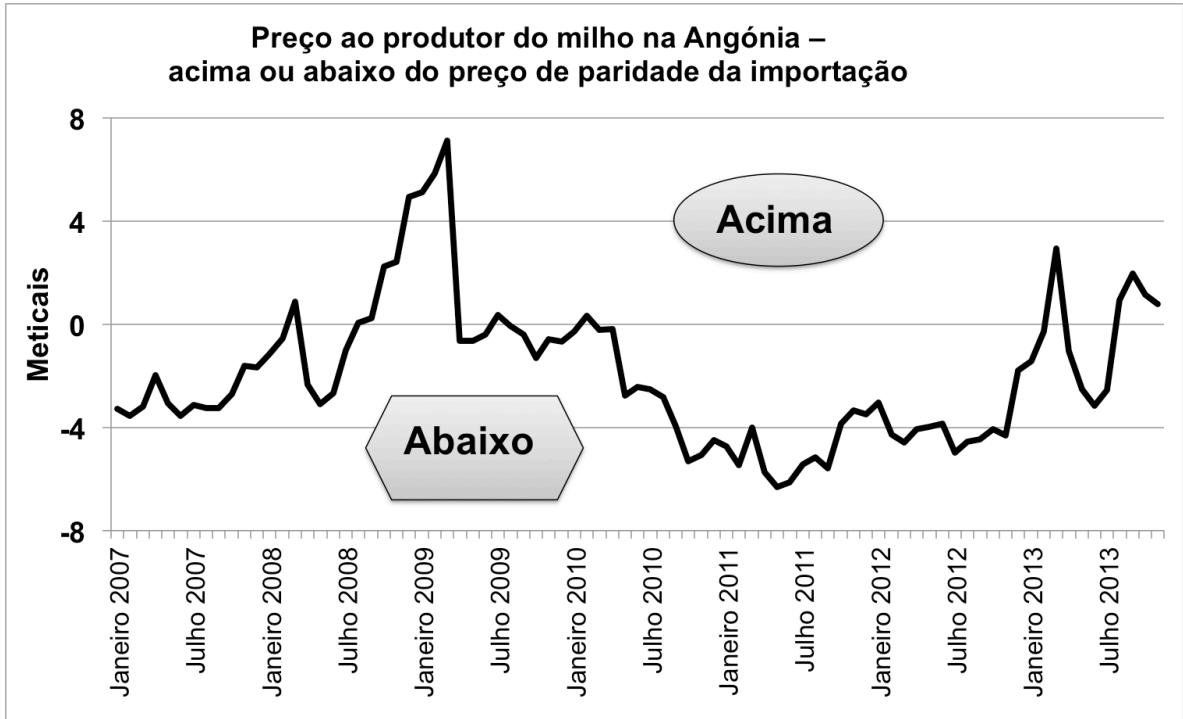


Figura 6.4

**Meticais para comprar 1 USD ou 10 Randes da África do Sul**

