

# Mozambique from Marxist-Leninist to Capitalism: Has the Country Performed Well Economically?

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## Abstract

*This paper traces the long journey Mozambique has under gone from Marxist-Leninist ideology to market based economy. It attempts to find out how Mozambique has performed in the journey of change of ideology.*

**Keywords:** Performance; Marxist-Leninist; Market based policies; Revealed comparative advantage

## INTRODUCTION

Mozambique was discovered by Vasco da Gama, a Portuguese explorer in 1498. It was then colonized by the Portuguese in 1505. Mozambique covers 801 590 km<sup>2</sup> in area and this makes it twice the size of the United States' California state (California's area size 423 970 km<sup>2</sup>). In the north Mozambique shares the border with Tanzania, in the west shares the border with Malawi, Zambia and Zimbabwe and in the south shares the border with South Africa and Swaziland. It provides access to the sea to the land locked Malawi, Zambia and Zimbabwe. Mozambique has a population size of 23 390 765 (California's population 36 961 664). Portuguese is the official language.

## FIRST WAR AND INDEPENDENCE

The *Frente de Libertacao Mocambique* (FRELIMO) fought a protracted war against the Portuguese who were the rulers in Mozambique. However, in Portugal there was a coup that brought in a new administration in that country in April 1974 (Michailof *et al.*, 2002). This coup changed the political landscape of Mozambique. The new administration in Portugal and the liberation movement, FRELIMO entered an agreement and eventually signed the Lusaka Accord. The Accord provided the transfer of power to FRELIMO without going through elections within 9 months (Michailof *et al.*, 2002). However, the Portuguese left Mozambique in disorderly manner in mass exodus leaving a vacuum of technical and managerial leadership (Michailof *et al.*, 2002). Then Samora Machel the leader of FRELIMO without democratic mandate from the people of Mozambique (without elections) became the first indigenous President of Mozambique on 25 June 1975 (Michailof *et al.*, 2002)

## ADOPTION OF MARXIST-LENINIST IDEOLOGY

Mozambique through FRELIMO administration embraced the Marxist-Leninist ideology in 1977 (Manning and Malbrough, 2010). Unlike Mozambique's western neighbour, Zimbabwe's Zimbabwe African National Union (ZANU PF) which had adopted Marxist-Leninist ideology too at independence in 1980 never implemented such policies preferring capitalist centred policies commonly referred to as social welfare policies (Dashwood, 2003). Mozambique on the other hand implemented the ideology practically. Mozambique took over an economy which was dysfunctional without skilled manpower and the situation worsened by the adoption of the Marxist-Leninist central planning as a tool of national development (Michailof *et al.*, 2002). Mozambique armed with the Marxist-Leninist ideology practically carried out ambitious reforms in implementing the ideology through nationalization of private businesses at the expense of the well being of Mozambicans and the economy (Manning and Malbrough, 2010). The farms which had been abandoned by the fleeing Portuguese were also nationalized (Pitcher, 1996). The table below shows growth rates performance when Mozambique had adopted the Marxist-Leninist policies.

**Table 1: Real Growth rates during Marxist-Leninist era**

Year	Growth rate	Year	Growth rate
1977	0.18	1983	-13.6
1978	1.07	1984	3.03
1979	3.07	1985	-8.02
1980	4.23	1986	1.61
1981	1.28	1987	4.76
1982	-3.80	1988	4.5

Source: UNCTADSTAT

The above growth rates show an economy that was in deep trouble. Apart from following ill conceived Marxist-Leninist policies, the above growth rates were also as result of the civil war which is being discussed below.

### **CIVIL WAR (1977-1992)**

FRELIMO had come to power without legitimacy (not through elections). They had also adopted and implemented ill conceived Marxist-Leninist central planning policies which increased the incidences of poverty of the Mozambicans and that became a breeding ground of discontent. Their rival *Nacional de Mocambique* (RENAMO) led by Afonso Dhlakama was founded and launched its first attack the same year (1977) that FRELIMO embraced the Marxist-Leninist ideology (Manning and Malbrough, 2010). RENAMO exploited the fruits of discontent as outlined above to recruit a formidable force from disgruntled Mozambicans. FRELIMO however did not entirely perform miserably. There were some achievements attained immediately after independence. These were increase in primary school enrolment, vaccinations and access to primary health care (Manning and Malbrough, 2010).

RENAMO was a creation of Smith's regime in then Rhodesia as a counter revolutionary force to punish and neutralize FRELIMO for allowing ZANU PF and its armed wing Zimbabwe African National Liberation Army (ZANLA) bases in Mozambique to launch attacks on the regime in Rhodesia (Michailof et al., 2002; Tekere, 2007). The Rhodesian government funded RENAMO. The Mozambicans had embraced the Rhodesian regime mainly because FRELIMO had adopted a one party state at the exclusion of others who were not FRELIMO. Further, the Marxist-Leninist policies had damaged the economy. With no elections being held by FRELIMO and a one party state, there were no democratic channels for those who opposed FRELIMO to demonstrate their displeasure and participate in the governing Mozambique. RENAMO became very brutal and afflicted atrocities on Mozambican civilians (Manning, 2001). As the result of the war, social and productive infrastructure was virtually destroyed, 1.5 million Mozambicans fled the country mainly to Malawi and other countries and about 3 million were displaced within Mozambique (Michailof et al., 2002).

Samora Machel the architect of Marxist-Leninist central planning policies in Mozambique, died in a controversial plane crash (in a Soviet built plane) near South African border. He was replaced by Joaquim Chissano who also ascended to power without elections (Michailof et al., 2002). However, Chissano obtained legitimacy unlike Samora Machel by conducting first general elections in 1994 and the second general elections in 1998 thereby earning himself legitimacy and that of FRELIMO to rule Mozambique (Manning, 2001). Chissano further earned respect of Mozambicans when he decided to retire and voluntarily handed over power to lead Mozambique to Armando Guebuza in 2005.

After Zimbabwe became independent in 1980, the sponsorship of RENAMO was transferred to then Apartheid regime in South Africa. The Apartheid regime used RENAMO to counter any effort by FRELIMO to grant South African liberation fighters a launching pad from Mozambique. In 1984, Mozambique signed Nkomati Accord with the then Apartheid regime of South Africa meant to stop support for insurgence into both countries (Michailof et al., 2002). There are factors which led FRELIMO and RENAMO to begin serious peace talks to end the war in 1988. These were: the end of Apartheid in South Africa; and the collapse of the Soviet Union, resulting to an end of cold war and led the coffers of RENAMO and FRELIMO to run dry to sustain the war hence both parties decided to negotiate a settlement (Michailof et al., 2002; Manning and Malbrough, 2010). Italy became the host country of the talks through the Bishop of Beira who had contacts with RENAMO leadership. Other countries such as USA, UK, Portugal, Germany, etc observed the proceedings in Italy (Manning, 2001; Manning and Malbrough, 2010). In October 1992, FRELIMO and RENAMO signed the General Peace Agreement (GPA) ending the war and dismantling RENAMO's fighters and some of them their integration in the national army (Manning and Malbrough, 2010). RENAMO was also to be transformed into a political party.

### **MOZAMBIQUE'S RETURN TO CAPITALISM AFTER ABANDONMENT OF MARXIST-LENINIST PLATFORM**

The Mozambican economy suffered significantly due to the war and ill conceived Marxist-Leninist central planning policies. Mozambique became the founding member of the Southern African Development Community (SADC) at its inception in 1980. In the mid-1980s, Mozambique through FRELIMO began disengagement from dependency on the Soviet Union in favour of western aid. In 1984, Mozambique became a party to the Lome Convention and joined the International Monetary Fund (IMF) and World Bank (Michailof et al., 2002). The World Bank made its first lending to Mozambique in June 1985 and the first IMF Structural Adjustment Facility (SAF) agreement was signed with Mozambique in 1987 (Michailof et al., 2002). Officially, Chissano abandoned the Marxist-Leninist ideology as a guiding principle of economic policies in 1989. Mozambique joined the Commonwealth on the strength of being a neighbour of Commonwealth countries thereby becoming the first non former British ruled country to

become a member in 1995. Mozambique subsequently became a member of World Trade Organization (WTO) on 26 August 1995.

### PERFORMANCE UNDER CAPITALISM AND POST-CONFLICT RECONSTRUCTION

Mozambique downsized its army to reduce expenditure. The country removed import licensing and price controls (Michailof *et al.*, 2002; UNDP, 2008; Collier, 2009). Mozambique reduced state interventionist policies and sold 340 state owned firms to private sector. The country also entered into joint ventures with private firms such as *Sodedade de Desemo bvimento de Namialo* (SODAM) and *Lonrho-Mozambique-Montepuez* (LOMACO)(Pitcher, 1996). Further 1200 state owned firms were either restructured or privatized (Michailof *et al.*, 2002). The government invited private investors from Britain, Portugal and South Africa to buy large state firms while Mozambican domestic investors were sold small and medium state firms. ( Pitcher, 1996). The government further liberalized foreign exchange and devalued its currency (Pitcher, 1996). Mozambique became a very open economy through removal of various controls (Michailof *et al.*, 2002). The table below shows Mozambique's real growth rates after the return to market based policies and post-conflict reconstruction

**Table 2: Mozambique's Real Growth rates in post-Marxist-Leninist and post-conflict reconstruction**

Year	Growth rate	Year	Growth rate
1989	6.5	2001	12.25
1990	1.0	2002	9.23
1991	4.9	2003	6.49
1992	-5.23	2004	7.88
1993	8.77	2005	8.39
1994	6.16	2006	8.69
1995	2.24	2007	7.28
1996	14.78	2008	6.74
1997	11.08	2009	4.3
1998	11.83	2010	7.02
1999	8.37		
2000	1.03		

Source: UNCTADSTAT

The real growth rates show remarkable improvement from those during the era of Marxist-Leninist era. The economy has been doing better by following market based policies. Since 2001 to 2010, Mozambique has enjoyed arguably impressive economic growth averaging 8% (African Development Bank, 2011). Poverty fell 22% from 64.4% to 54.1% of the population between 1997 and 2003 (African Development Bank, 2011). In table 3 below the paper presents governance indicators for Mozambique, Zimbabwe and for the region.

**Table 3: Mozambique, Zimbabwe and regional governance indicators index matrix for 2010**

Governance indicator	Mozambique Percentile rank0-100	Zimbabwe Percentile rank0-100	Regional Average rank	Governance score for Mozambique	Governance score for Zimbabwe	Standard error
Voice and Accountability	45.5	7.0	31.3	-0.12	-1.19	0.11
Political stability	57.1	63.2	34.1	+0.32	-1.21	0.23
Government effectiveness	38.0	3.8	26.5	-0.47	-1.56	0.17
Regulatory quality	40.7	2.4	29.0	-0.37	-2.04	0.16
Rule of Law	37.0	0.9	28.4	-0.50	-1.00	0.13
Control of corruption	42.6	2.4	37.1	-0.40	-1.39	0.16

Source: World Bank (2011)

Mozambique has scored more than regional averages in all the above governance indicators. It shows there exists democratic infrastructure and governance in Mozambique. Compared to one of its neighbour in the west, Zimbabwe, Mozambique performed much better. Zimbabwe has very poor record as shown in the table as all scores are less than the regional averages. These indicators are used by prospective investors to make their decision in investing in a particular country. They also use them to rank a particular risks in doing business with it. According to African Development Bank (2010) the investment environment in Mozambique has been greatly enhanced resulting in improvement in ranking in the ease

of doing business from 140<sup>th</sup> position to 134<sup>th</sup> place. However, there is still a room to improve but the country is in the right direction. The paper then tries to link whether indeed the above indicators are associated with higher foreign direct investment (FDI) inflows for Mozambique and poor investment inflows for Zimbabwe. Table 4 gives a comparative inflows of FDI in Mozambique and Zimbabwe.

**Table 4: Comparative FDI inflows in Mozambique and Zimbabwe 2000-2010**

<i>Mozambique</i>	<i>US\$ in million</i>	<i>Zimbabwe</i>	<i>US\$ in million</i>
<i>Year</i>	<i>FDI</i>	<i>Year</i>	<i>FDI</i>
2000	139	2000	23
2001	255	2001	4
2002	345	2002	25
2003	357	2003	4
2004	245	2004	9
2005	108	2005	130
2006	154	2006	40
2007	427	2007	69
2008	592	2008	52
2009	893	2009	105
2010	789	2010	106

UNCTADSTAT

The governance indicators and FDI inflows show association to each other. Mozambique was strong in governance indicators than Zimbabwe. FDI inflows also show Mozambique received higher FDI inflows than Zimbabwe. The two tables (tables 3 and 4) show that FDI is sensitive to governance indicators. In the table above, Mozambique performed much better than its neighbour in the west, Zimbabwe except in 2005 when Zimbabwe had an inflow of US\$130 million while Mozambique had inflow of US\$108 million. In Zimbabwe in 2009, the situation improved and the country recorded even a positive growth rate after adoption of multi-currencies regime. However, in terms of FDI inflows Mozambique received US\$893 million where as Zimbabwe's FDI inflows were 8 times less than those of Mozambique amounting to US\$105million. It is very clear from the figures above that Mozambique has investor friendly policies compared to its neighbour in the west, Zimbabwe despite being extremely gifted in natural resources. Investors flocked to Mozambique than to Zimbabwe indicating that it is not the presence of endowments which matters to investors but policies which may affect their investment. It is also very clear that investors eventually are interested in governance issues because they provide a firm foundation of security of their investment. Table 5 below give comparisons of market access in Mozambique, Zambia and Zimbabwe.

**Table 5: Market access in Mozambique, Zambia and Zimbabwe (Most favoured nation rates and effectively applied rates in 2010)**

<i>Manufacturing products</i>	<i>Rates for Mozambique</i>	<i>Rates for Zambia</i>	<i>Rates for Zimbabwe</i>
Machinery and transport	5.5	8.6	10.6
Other manufacturing goods	9.6	13.6	18.2
Manufactured goods	7.5	12.0	14.3
Manufactured goods ores and metals	7.4	10.9	14.2

Source: UNCTADSTAT

In the table above shows that amongst the three neighbouring countries, Mozambique has the most liberal tariffs compared to Zambia and Zimbabwe. Mozambique is most open to international trade than the other two.

## METHODOLOGY

In order to find out the performance of Mozambique, the paper used Revealed Comparative Advantage (RCA). It was first proposed and used by Balassa (1963). Most recently Krugell and Matthee (2009) used the same technique to establish performance capabilities of South African regions through exports. Mzumara (2011) also used the technique to establish the competitiveness of Zimbabwe in international trade. Wu and Chen (2004) have strongly justified the technique as the most useful tool in a competitive market economy to demonstrate comparative advantage as revealed in export composition. They further justify its consistence with comparative advantage which is based on the particular nation's economy factor endowment and operates along with economic development. The following technique was used;  $RCA = (X_{moz} / X_{w}) / (X_{moz.tot} / X_{w.tot})$  for 2001 + RCA for 2002 + RCA for 2003 + RCA for 2004 + RCA for 2005 + RCA for 2006 + RCA for 2007 + RCA for 2008 + RCA for 2009 + RCA for 2010/10

Where

Xmoz j denotes Mozambique's exports of commodity j

X moz.tot denotes Mozambique's total exports

X wj denotes the world's exports of product j

X w.tot denotes total exports in the world

The paper used Trademap, International Trade Centre (ITC) trade statistics of harmonised 6 digit level, the most accepted international product classification to compute Mozambique's RCA for 2001 to 2010 and then obtained the overall average. This is much disaggregated than 4 digit level used by Mzumara (2011). An RCA equal or greater than 1 indicates a country has revealed comparative advantage in the product.

## RESULTS OF THE COMPUTATION OF RCAs OF MOZAMBIQUE

RCAs of 4 764 product lines were computed for each year covering a 10 year period. Only those products whose averages for a 10 year period were equal or greater than one are reported in table 6. Their full descriptions are provided in the Appendix.

**Table 6: RCA results for Mozambique**

Harmonised 6 digits code product	RCA 2001	RCA 2002	RCA 2003	RCA 2004	RCA 2005	RCA 2006	RCA 2007	RCA 2008	RCA 2009	RCA 2010	RCA average 10 year
010619	0	0	0	0	0.15	0.34	18.65	0	0	0	1.9
010620	0	0	0.55	88.58	61.37	103.47	107.66	206.29	4.43	19.24	59.16
010639	0	0	0	0.47	0.68	0	3.73	6.26	9.24	10.03	3.04
030211	0	0.99	1.17	1.61	5.02	2.33	2.51	0	0	0	1.37
030219	342.96	63.2	591.31	69.88	52.41	47.10	72.36	126.32	35.18	22.72	142.34
030319	0	0	7.72	0.02	1.94	2.26	0	1.43	0.7	0.01	1.4
030329	9.14	26.94	3.41	0.34	0	0	0	0	0	0	3.98
030559	15.36	41.09	18.21	30.56	20.63	22	13.60	15.49	17.87	19.05	21.39
030569	0	0.25	0	0	0.16	0	0	4.98	12.95	1.45	1.8
030611	2.84	11.09	4.02	6.68	8.05	9.41	8.40	8.37	39.87	10.89	10.96
030612	0.32	0	3.82	0.03	0	0	1.70	10.83	4.04	0.35	2.11
030613	97.59	118.87	64.94	65.75	48.43	45.25	36.3	37.18	30.01	26.80	57.11
030614	4.35	2.99	5.17	5.74	10.71	6.59	7.35	9.29	9.16	7.40	6.88
030619	22.71	21.19	39.73	20.50	70.66	17.46	13.67	10.28	14.62	1.77	23.26
030621	6.68	0.14	0.03	0.04	0	0	0	0.69	2.71	0	1.03
030623	42.74	0.84	1.29	0.15	0.26	3.37	1.89	21.14	5.25	2.88	7.98
030229	6.52	6.43	1.34	1.84	1.07	0.54	0.69	0.04	0.28	0.36	97.26
030751	0	1.14	0	5.51	5.93	1.93	0	0	0.33	0.72	1.58
040110	0	0.99	13.74	0	0	0	0	0	0	0	1.47
040899	0	0	39.44	0	0	0	0	0	0	0	3.94
050290	0	0	0	0	0	0	12.87	32.72	41.06	0	8.67
050590	0	0	0	4.11	6.31	3.13	2.58	0	0.87	0.95	1.8
050790	0.28	0.10	2.22	7.25	0	0	1.37	10.65	20.69	16.08	5.56
050800	12.64	43.05	4.35	4.39	3.64	2.33	3.79	6.30	7.98	3.86	9.23
060499	0	0	5.03	3.21	0.75	0.81	0	0.19	0	0	1.00
070810	4.81	10.86	8.15	35.89	0	0	0	0	0	2.05	6.18
070820	0	6.65	1.19	0.11	0	1.69	0.99	0.11	4.23	18.55	3..35
070890	0	0	12.39	0	0	0	1.8	110.97	98.94	69.48	29.36
071021	0	7.91	6.61	0	0	0	0	0	0	0	1.45
071310	1.38	7.0	1.54	2.92	8.15	0.84	0	0	1.83	1.37	2.5
071331	0.10	0.23	7.09	0.44	1.78	0.15	0.18	1.01	0	0.76	1.2
071332	0	7.54	9.88	38.61	8.18	0.91	5.55	12.99	58.52	3.42	14.56
071333	3.31	3.11	0.95	3.45	9.92	1.65	1.53	5.59	40.71	10.41	8.06
071339	6.65	2.09	8.06	40.24	50.73	12.26	72.21	71.61	199.77	185.68	64.93
071390	0	0.11	2.75	1.59	0	0	1.01	0	85	134.26	22.47
080119	0	0	0.15	0.23	1.92	1.84	5.49	5.96	25.36	7.06	4.8
080121	36.73	0	0	0	0	0	4.67	0.2	0	1.68	4.33
080122	0	0	0	0	0	6.47	5.82	0.09	3.37	0	1.58
080131	472.21	508.02	283.43	381.64	308.58	416.22	164.95	137.76	115.92	173.95	296.27
080132	36.78	12.92	12.39	37.89	21.43	46.54	29.8	43.14	45.3	34.86	32.11
080212	1.76	0.32	0.39	0.53	0.8	8.04	4.96	1.84	10.3	19.36	4.83
080232	0	0	0	0	0	0	3.04	10.02	4.53	0	1.76
080300	0	0	0	0.29	0.83	1.35	3.05	3.94	3.05	9.3	2.18
080590	0	0	0	0	0	0	0	0	10	0	1.0

Harmonised 6 digits code product	RCA 2001	RCA 2002	RCA 2003	RCA 2004	RCA 2005	RCA 2006	RCA 2007	RCA 2008	RCA 2009	RCA 2010	RCA average 10 year
090230	0.29	2.82	3.64	3.45	1.66	0.89	2.44	2.73	1.61	3.23	2.28
090240	1.64	12.47	6.02	5.35	52.82	4.36	5.97	4.45	8.11	6	10.72
100510	0.02	0.46	1.58	4.93	4.82	2.47	1.24	0.41	0.94	0	1.69
100590	1.77	6.14	0.82	1.06	1.49	1.85	1.43	0.5	0.31	0.37	1.58
100890	0	0.58	13.38	2.24	1.49	2.08	0	6.87	0	0	2.66
110100	2.35	28.06	24.78	12.79	5.72	1.56	1.15	2	25.71	20.43	12.46
110220	2.53	30.14	0.62	0.86	0.50	13.02	0.25	0	1.35	0.91	5.02
110290	12.86	0	0	0	0	0	0	0	0	0.10	1.30
110311	0.7	0.34	2.76	2.28	6.02	0	0	0.86	0.79	0.99	1.47
120210	0	0	0	0	0	0	6.59	0	12.30	78.78	9.77
120220	0.93	1.48	12.40	1.28	25.15	1.49	37.74	10.45	14.96	28.09	4.73
120300	61.31	214.95	0	4.85	0	0	0	0	0	0	28.11
120710	0	28.27	94.43	42.63	0.44	0	0	1.03	0	0	16.68
120720	14.76	54.36	156.56	26.32	20.60	23.71	72.70	136.11	147.49	74.14	72.68
120730	14.46	0	0	0	282.09	4.40	23.48	0	125.9	0	45.03
120740	24.59	55.40	39.55	72.44	58.12	85.35	84.75	115.61	140.26	54.31	73.04
120924	0	0	0	278.84	0	0	0	0	0	0	27.88
121299	0	0	0.06	0	0	0	14.93	0	0	0	1.5
140420	0	0	0	0	0	0	0	10	0	0	1.0
150410	0	0	0	0	0	0	0	0	46.94	0	4.69
151311	111.78	64.62	32.58	48.47	25.47	39.68	32.92	1985	30.29	11.95	238.28
151319	0	11.48	1.27	5.56	0	0	0	0	4.74	6.43	2.95
160241	0	0	11.46	0	0	0	0	0	0	0	1.15
170111	15.65	17.47	28.28	34.57	42.40	21.19	49.76	0	33.07	1.84	24.42
170219	0	0	0	0	0	167.89	0	0	0	0	16.79
170310	0	16.21	25.48	1.35	17.14	20.35	4.16	15.01	47.69	64.26	21.17
170390	0	0	0	0	0	210.93	1.3	0	0	0	21.32
220850	0.17	11.86	0.01	0.03	0.01	0.01	0.01	0	0	0.01	1.21
230210	75.17	35.10	30.98	15.42	10.75	40.68	35.26	47.27	560.25	35.31	88.62
230220	0	7.54	0.34	0	0	1731.43	0	0	0	0	173.93
230230	41.07	131.48	100	51.40	50.04	46.45	56.52	53.33	63.40	52.66	64.64
230240	0	0	0	0	0	0	0	41.86	0	1.18	4.43
230510	100.9	58.28	34.73	47.85	79.35	101.52	87.50	58.21	40.16	40.65	64.92
230550	1646.34	99.14	41.69	93.43	27.73	250.59	21.81	7.71	13.12	11.73	221.33
240110	46.38	82.01	84.44	101.36	114.07	75.40	19.50	67.28	52.01	30.10	67.26
240120	0	17.07	2.07	11.24	5.56	76.66	39.46	132.12	106.59	105.03	49.58
250529	0	5.42	9.28	0	0.29	0	0	24.26	263.18	45.48	34.89
250810	20.19	11.53	14.75	4.39	8.70	1.75	1	4.29	3.87	2.19	7.67
251200	0	0	0.24	2.62	2.36	1.66	2.34	4.3	4.39	2.5	2.04
251319	18.72	35.6	35.66	0.19	0.83	2.67	76.18	952.32	1864.65	0	298.68
251612	13.64	0.84	0.37	3.34	0.57	0.04	0	0	0	0.24	1.9
251622	0	2.02	8.3	16.66	0	0	0	0	0	0	2.69
251990	0	0	0	0	0	0	0	0	22.29	0	2.23
252329	1.84	1.23	1.29	1.15	0.29	0.67	2.28	1.5	0.38	0.05	1.07
252390	0.03	0.62	0	0	0.19	0.02	0	7.96	1.13	3.38	1.33
260600	2.25	9.8	8.36	2.74	5.24	3.8	2.03	2.37	0.42	0.33	4.33
261790	0	0	0.04	0.12	0	0	36.55	204.77	328.38	119.53	68.94
261590	3.96	5	10.10	13.5	13.62	3.27	3.91	50.76	60.54	35.69	20.04
261790	1.58	0	0	0	0.95	12.54	15.94	179.09	18.71	0.38	22.92
270119	2.43	2.52	2.56	3.13	1.22	0.995	1.37	0.78	0.66	0.39	1.61
271111	0	0	0	0.45	0	0	0	0.22	6.7	10.03	1.74
271121	0	0	0	2.55	5.67	6.71	5.03	0.05	0.59	0	2.06
271600	43.15	70.81	51.65	32.74	35.32	29.56	46.91	35.08	51.02	55.27	45.15
282630	0	0	0	0	0	2.45	32.16	11.3	0	1.05	4.7
283210	8.59	39.85	2.01	0.47	0	0	1.86	0	0	0	5.28
285100	0	0	37.19	0	0	0	0	0	0	0	3.72
290362	0	0	0	0	0	0	0	0	0	2074.40	207.44
300650	37.63	0.10	0.65	0.11	0.05	0.04	0.11	0.06	0.32	0	3.91
401213	0	0	0.24	66.26	1.14	6.06	6.07	14.71	13.62	0	10.81
410190	0	0	1.87	0.35	0	0	0	1.99	4.5	4.7	1.34

Harmonised 6 digits code product	RCA 2001	RCA 2002	RCA 2003	RCA 2004	RCA 2005	RCA 2006	RCA 2007	RCA 2008	RCA 2009	RCA 2010	RCA average 10 year
410229	0	0	0	0	0	16.64	95.64	47.15	0	0	15.94
410640	0	0	27.94	0	0	0	0	3.15	0	0	3.11
440122	6.03	5.50	2.21	1.63	0	0	0	0.76	0	0	1.61
440310	0	0.39	0.80	0	4.10	15.89	3.17	3.44	0	5.67	3.35
440399	37.15	27.70	12.75	39.09	18.27	25.96	22.21	6.20	2.83	3.96	19.61
440610	0	1.84	0	0	0	8.25	23.46	21.94	26.64	167.06	25
440690	90.55	172.88	20.10	20.83	8.29	29.39	0.15	2.15	1.10	0	34.54
440729	0.05	1.48	7.73	2.29	3.20	3.88	7.88	22.72	78.46	161.87	29.51
440799	3.95	2.38	2.35	12.51	2.21	4.64	5.11	29.70	24.53	21.92	10.93
441021	0	0	0	0	0	0	0	4140.47	0	0	414.03
441520	0.49	1.91	1.36	0.75	6.31	0.94	0.06	0.28	1.24	0.04	1.34
450290	0	0	0	0	0	0	1.64	1.01	90.36	0	9.3
480512	0	0	0	0	0	0	0	0	23.80	0	2.38
481920	0	0.93	11.80	0.75	0.66	0.96	1.39	1.01	1.52	0.54	1.96
482319	0	0	0	0	0.05	0.02	0	0.06	33.21	0	3.28
490700	0.05	2.36	7.25	16.71	61.92	37.29	32.31	7.53	6.03	21.38	19.28
490890	0	0	0	0	0	0	1.33	18.03	105.388	0	12.47
500100	0	0	1.46	438.52	0	0	0	0	0	0	44
520100	3.96	7.58	17.47	11.56	24.56	16.92	9.84	27.66	18.55	0	13.81
520291	0	0	0	0	0	0	0	0	0	43.04	4.3
520299	10.82	5.21	2.45	34.96	26.51	0.41	0.02	6.56	0	127.37	21.43
520300	600.75	496.94	465.90	196.49	373.02	181.42	250.48	24.17	0	31.07	262.02
520612	0	0	0	0	0	0	10.77	0	0	0	1.08
520621	0	36.86	0	0	0	0	0	0	0	0	3.69
530110	0	0	0	0	0	0	0	63.04	0	0	6.30
530290	0	0	0	0	0	0	0	0	304.51	205.62	51.01
530390	0	0	0	0	352.54	529.55	483.15	11.02	386.91	565.26	232.84
530410	43.39	20.01	10.93	5.6	0	0	313.08	2564.57	5733	0	869.06
530490	989.07	1194.02	716.11	875.61	674.74	69.53	1227.84	5930.57	5733.34	0	1741.08
530890	1.95	2.49	1.43	1.34	6.35	0	0	0.07	0.	0.82	1.45
540500	0	0	10.35	0	0	0	0	0	0	0	1.04
560729	0	6.95	00	0	0	19.69	15.66	0	0.23	0	4.25
580310	0	0	0	0	0	0	0	448.56	0	0	44.86
610349	216.83	0.14	0	0	0	0	0.09	0.04	0	0	21.71
610729	0	814.39	0	0	0	0	0	0	0	0	81.44
620349	0	9.75	0.77	0.38	0.09	0.04	0	0	0	0	1.03
620520	8.08	0.30	0.51	0.30	0.56	2.05	0.30	0.23	0.26	0.25	1.28
620590	13.02	3.51	4.20	0	0.19	0.01	0	0.02	0.01	0	2.10
620729	0	19.48	0	0	0	0	0	0	0	0	1.95
621139	0.01	0	22.19	0	0	0	0	0	0.03	0	2.22
630510	0	0.19	0	1.39	0.07	0	12.12	0.10	2.46	0	1.63
630533	0	0.3	0.21	0.38	2.26	4.89	0.4	3.17	1.11	2.00	1.47
630539	0.08	0.19	0	0	0.19	0.72	10	0	0	0.02	1.12
630590	0	0	2	0.44	0	0.04	0	2.18	9.91	0	1.46
630611	0	0	0	0	0	0	0	0	4589.32	0	458.93
630621	0.9	0	0.13	0	0	0	0	9.25	0	0	1.03
630629	0.96	0.98	7.29	0.31	0.12	0.11	2.36	1.71	3.25	0.02	1.71
630639	0	0	0	0	0	0	0	113.65	0	0	11.37
670100	0	0.47	11.55	0	0	0	0	0	0	0	1.2
670419	0	0	0	0	0	7.57	0.98	1.27	0.08	0.79	1.07
670490	0	0	0	0	0	1.16	72.13	96.77	125.50	38.30	33.39
680222	0	21.58	0.27	0.52	2.05	0	0	0.76	0	0	2.52
681110	0	10.90	3.34	1.53	8	6.17	9.31	0	0	0	3.93
681120	1.1	4	0.12	0.46	4.38	2.26	1.57	0	0	0	1.39
681130	0	30.63	74.48	32.98	91.55	70.89	239.57	47.22	0	0	58.73
681190	0	0	5.53	25.96	25.40	37.34	85.27	122.19	0	0	30.17
681250	0	5.29	0.44	0	0	0	0	6.54	0	0	1.23
690290	0	0	0	0	1.33	6.14	2.25	0.01	0	0	1.0
690490	0	10.39	0	0	0	0.05	0.05	0.19	0	0	1.07
710310	22.45	4.55	3.70	5.78	5.36	4.08	4.39	4.71	4.70	4.51	1.62

Harmonised 6 digits code product	RCA 2001	RCA 2002	RCA 2003	RCA 2004	RCA 2005	RCA 2006	RCA 2007	RCA 2008	RCA 2009	RCA 2010	RCA average 10 year
710399	2.50	1.97	2.10	2.38	1.58	1.70	1.99	1.26	0.40	0.33	6.43
710811	0	0	0	9.45	43.91	8.86	11	0	0	0	7.32
711100	0	28.28	62.57	0	0	0	8.53	0	0	0	9.94
720410	2.12	15.86	6.55	25.93	22.45	16.15	28.39	34.32	39.35	28.89	22
720429	5.08	8.71	10.96	3.26	9.95	7.96	5.01	5.74	3.29	0.80	6.08
720430	21.08	11.52	1.04	8.01	27.47	33.60	5.23	5.45	1.04	0.19	11.46
7200450	0	0	0	0	0	0	0	12.29	0	0	1.23
720610	0	0	0	0	0	0	0	0	27.23	1.58	2.88
720890	34.19	0	0	0	0	0	0	0	0.01	0.10	3.43
720925	0	16.25	0	0.07	0	0	0	0	0	0	1.63
730421	0	0	0	0	0	0	2.34	14.18	0.69	0	1.72
730550	0	0	0	0	10.75	2.03	2.37	10.34	10.35	7.55	4.34
730560	0	0	0	0	4.27	0.75	4.70	23.57	17.40	0	5.07
731010	4.56	13.42	15.23	8.57	23.07	12.96	0.35	1.70	0.23	0	8.01
731100	28.67	0.76	0.58	2.19	20.68	0.65	4.49	0.47	0.75	0.32	5.96
731300	0.10	0.2	1.22	0.26	9.05	0.03	3.25	1.3	0.41	0	1.54
731600	0	0.54	1.06	0.05	0	0.05	0.04	0	9.02	0	1.08
740120	0	0	0	3.44	0	0	0	9.60	0	0	1.3
740929	4.52	1.34	7.23	3.24	5.46	2.80	2.28	1.79	1.76	1.44	3.19
760110	0	0	289	0	315	290.35	327.85	0	0	296.95	151.92
760120	320.81	255.51	0	0	0	0	0	332	0	0	90.83
761511	0	0	0	0.99	4.35	2.35	0.37	0	3.48	0	1.5
780199	0	0	0	0.03	0	0.26	5.87	3.78	24.59	12.28	4.68
780200	2.65	10.77	6.38	0.75	3.4	34.31	0.35	9.04	0.39	0.12	6.82
780300	0	0	0	0	0	0	0	756.88	214	0	97.09
810420	0	0	0	0	0	0	18.41	1.5	0	0	2
820110	0.09	0.08	0.06	11.55	0.08	0.07	0.07	0.02	0	0	1.2
820560	0	0	0	0	0	0	0	26.35	0	0	2.64
840710	0.16	0.50	1.08	2.41	56.90	2.17	13.69	6.52	12.94	19.36	11.6
841440	0.04	0.93	3.54	4.21	0.60	3.41	0.61	5.49	6.90	0.70	2.65
841459	0.01	0.01	0.01	0.01	0.06	0	0.1	0.01	9.51	0.02	1.0
842320	0	0	0	17.56	0	0	0	0	0	0	1.76
842620	4.52	10.42	7.39	0.29	0.56	7.71	3.46	0.40	6.24	6.49	4.75
842630	0	4.54	0.50	10.77	0	0.1	0	4.55	0	0	2.04
842699	0	0	0	0.36	1.79	1.68	4.16	0	3.08	0	1.11
842832	0.13	0	7.19	0	0.11	0.14	0	19.59	5.85	0.09	3.31
842919	10.17	18.71	28.95	7.65	16.33	22.68	11.89	32.85	42.57	6.88	19.96
842920	3.55	26.30	29.32	8.26	5.64	4.12	2.35	4.89	6.29	0.53	9.13
842930	0	29.70	9.34	2.56	0	16.02	0	0.03	11.60	0	6.93
843010	0	0.06	0	0	0	0	0.07	0.07	19.54	3.21	2.30
843049	0.33	7	2.67	20.28	14.50	3.49	4.89	11.13	2.13	1.84	6.83
843061	3.23	5.45	4.82	3.72	0.25	5.25	0.55	1.43	2.24	1.31	2.83
843143	0.01	0.10	0.01	0.10	0.10	0.10	2.29	1.98	6.90	0.78	1.24
843221	4.67	9.39	0.69	0	0.10	0.53	0.24	0.39	0	0	1.6
843352	27.57	26.66	26.29	8	6.46	5.55	4.84	2.45	2.38	2.57	11.28
844329	0.09	0.07	0.39	0	0	0	17.98	4.45	4857.99	0	488.1
844629	0	0	0	0	0	0	0	0	48.81	0	4.9
845699	0	0	0	0	0	0	0	0	12.17	0	1.22
845910	0	0	0	0	0	0	0	0.04	20.56	0	2.06
845939	0	0	31.27	0	0	0	0	0	0	0	3.13
847110	0.01	0.05	0.07	0.09	0.15	0.01	0.13	33.62	3.57	0	3.77
847431	0.59	1.65	1.87	1.69	0.35	15.90	0.08	0.45	1.27	0.21	2.41
850120	0	25.71	0.04	0.04	0.05	0	0	0.05	0.10	0	2.6
850161	0.33	1.01	4.02	0.69	0.12	0.38	0.58	1.96	0.59	0.17	1.0
850410	0	0.28	0.20	0.07	0	0	0	13.50	0	0	1.41
852431	0	0	0	0	0.01	0	11.55	0.42	0	0	1.20
852739	0	0.2	0.09	0.01	0	0	0	0.01	35.19	0	3.55
852790	0.01	0.05	0.02	0	0.01	0.01	0.06	1.08	167.38	0	16.86



## INTERPRETATION OF THE RESULTS

There are 222 product lines out of 4 764 product lines which have an RCA of one or greater as presented in table 6 above. This means Mozambique has revealed comparative advantage (RCA) in 222 product lines. Mozambique does not have revealed comparative advantage in 4 542 product lines.

## CONCLUSION

Mozambique has a comparative advantage in at least 222 product lines. Mozambique is specialised in producing such products. The country is benefiting in engaging in international trade. The country's performance as demonstrated by real growth rates indicator did not perform well during the time it adopted the Marxist-Leninist policies. The country indicators such as real growth rates, governance indicators, FDI inflows and market access (access by other countries in Mozambican market) show that the economy has been performing well after the return to market based policies. This is buttressed by a large number of products Mozambique has comparative advantage in. It is therefore concluded that the decision to return to market based economy was a noble one and has made the economy to perform well.

## APPENDIX

PRODUCT CODE (Harmonized 6 Digit Level)	PRODUCT DESCRIPTION
010619	Live mammals excluding primates, whales, dolphins and purposes "mammals"
010620	Live reptiles e.g. snakes, turtles, alligators, caymans, iguanas, gav
010639	Live birds excluding birds of prey and psittaciformes including parrots, par
030211	Trout, fresh or chilled excluding heading no. 03.04, livers and roes
030219	Salmonidae nes, fresh or chilled excluding no. 03.04, livers and roes.
030319	Frozen pacific salmon oncorhynchus gorbuscha, oncorhynchus keta, onco.
030329	Salmonidae, nes, frozen, excluding heading heading no. 03.04 livers and roes.
030559	Fish nes, dried, whether or not salted but not smoked.
030569	Fish nes, salted and in brine but not dried or smoked.
030611	Rock lobster and other sea craw fish, frozen in shell/not including boiled in shell.
030612	Lobsters nes, frozen, in shell or not including boiled in shell.
030613	Shrimps and prawns, frozen, in shell or not including boiled in shell.
030614	Crabs frozen, in shell or not, including boiled in shell.
030619	Crustaceans nes, frozen, in shell or not including boiled in shell.
030621	Rock Lobster and other sea crawfish not frozen, in shell/not including boiled in shell.
030729	Scallops including queen scallops, shelled or not, frozen dried, salted or in brine.
030751	Octopus, live, fresh or chilled.
040110	Milk not concentrated and unsweetened not exceeding 1% fat.
040899	Eggs, bird, not in shell nes.
050290	Hair and waste of badger and other brush making hair.
050590	Feather and down nes including, disinfected preserved, feathered parts and skin powder and waste.
050690	Bones and horn-cores degelatinised, unworked, defatted or simply prepared, powder and waste.
050790	Whalebone, horns, etc. unworked or simply prepared, unshaped and powder and waste.
050800	Coral and sim mat, shell fish shell, cutl bone, echinoderm unworked unshaped powder and waste.
060499	Foliage, branch and parts of plant w/o flo/bud, grass, for bouquets and ornamental purpose, fr.
070810	Peas, shelled or unshelled, fresh or chilled.
070820	Beans, shell or unshelled, fresh or chilled.
070890	Leguminous vegetables, shelled, fresh or chilled.
071021	Peas, frozen
071310	Peas dried, shelled, whether or not skinned or split
071331	Urd, mung, black/green gram beans dried shelled, whether/not skinned/split
0713332	Beans, small red (Adzuki) dried, shelled, whether or not skinned or split.
071333	Kidney beans and white pea beans dried shelled whether or not skinned or split.
071390	Leguminous vegetables dried, shelled, whether or not skinned or split, nes.
080119	Coconuts excluding desiccated.
080121	Brazil nuts, in shell, fresh or dried.
080122	Brazil nuts, without shell, fresh or dried.
080131	Cashew nuts, in shell fresh or dried.
080132	Cashew nuts, without shell, fresh or dried.
080211	Almonds fresh or dried.
080212	Almond, fresh or dried, shell or peeled.
080232	Walnuts, fresh or dried or peeled.
080300	Bananas including plantains, fresh or dried.

PRODUCT CODE (Harmonized 6 Digit Level)	PRODUCT DESCRIPTION
080450	Guavas, mangoes and mangos teens, fresh or dried.
080590	Citrus fruits, fresh or dried, nes.
090230	Black tea (fermented) and partly fermented tea in packages not exceeding 3 kgs.
090240	Black tea (fermented) and partly fermented tea in packages exceeding 3 kgs.
100510	Maize (corn) seed.
100590	Maize (corn) nes.
100890	Cereals unmilled nes.
110100	Wheat or meslin
110220	Maize (corn) flour.
110290	Cereal flour nes
110311	Wheat groats and meal.
120210	Groundnuts in shell not roasted or otherwise cooked.
120220	Ground-nuts shelled, whether or not broken, not roasted or otherwise cooked.
120300	Copra
120710	Palm nuts and Kernels, whether or no broken
120720	Cotton seeds, whether or not broken.
120730	Castor oil seeds, whether or not broken
120740	Sesamum seeds whether or not broken.
120924	Seeds, Kentucky blue grass for sowing.
121299	Vegetable products nes used- primarily for human consumption.
140420	Cotton linters.
150410	Fisher-liver oils and their refined or not, but chemically mod.
151311	Coconut (copra) oil crude.
151319	Coconut (Copra)oil and its fractions but chemically modified.
160241	Hams and cuts thereof of swine prepared or preserved
170111	Raw sugar, cane.
170219	Lactose and lactose syrup, less than 99% lactose on dry matter.
170310	Cane molasses
170390	Molasses ness.
220850	Gin and geneva
230210	Maize (corn) bran, sharps and other residues, pelleted or not.
230220	Rice bran, sharps and other residues, pelleted or not.
230230	Wheat bran, sharps and other residues pelleted or not.
230240	Cereal bran, sharps and other residue of leguminous plants pelleted or not.
230500	Ground-nut oilcake and other solid residues, whether or not ground or pellet.
240110	Tobacco, unmanufactured, not stemmed or stripped.
240120	Tobacco, unmanufactured, partly or wholly stemmed stripped.
250810	Bentonite
251200	Siliceous fissil meal (i.e. Kieselguhr etc) and sim siliceous earths etc.
251319	Pumice stone, nes.
251612	Granite, merely cut, by sawing or otherwise, into blocks, etc.
251622	Sand stone merely cut, sawing or otherwise, into block etc.
251990	Magnesia, fused, dead-burned etc and magnesium oxide pure or not.
252329	Plasters (consisting of calcined gypsum or calcium sulphate)etc.
252390	Hydraulic cements nes.
260600	Aluminium ores and concentrates.
261400	Titanium ores and concentrates.
261590	Niobium, tantalum and vanadium ores and concentrates.
261790	Ores and concentrates nes.
270119	Coal ness, whether or not pulverished but not agglomerated.
271110	Natural gas liquefied.
271121	Natural gas in gaseous state.
271600	Electrical energy.
282630	Sodium hexafluoro aluminate (synthetic cryolite)
285100	Inorganic compounds, nes liquid air compressed air amalgams o/t of precious metals.
290362	Hexachlorobenzene and DDT
300650	First-aid boxes and kits
401213	Retreaded pneumatic tyres, of rubber, of a kind used on aircraft.
410190	Butts, bonds, bellies and split raw hides and skins of bovine including b.
410229	Sheep or lamb skins, raw o/t pickled, without wool on.
410640	Tanned or crust hides and skins of reptiles, whether or not split.
440122	Wood in chips, non coniferous.

PRODUCT CODE (Harmonized 6 Digit Level)	PRODUCT DESCRIPTION
440310	Poles, treated/painted etc.
440399	Logs, non-coniferous nes.
440610	Ties, railway/tramway wood not impregnated.
440729	Lumber, tropical, hardwood nes, sawn length wise more than 6mn.
440799	Lumber, non-coniferous nes.
441021	Oriented strand board and wafer board of wood, unworked or not further.
441300	Densified wood, in blocks plates, strips or profile shapes.
441520	Pallets, box pallets and other load boards, wooden.
480512	Straw fluting paper, in rolls of width greater than 36cm weight equal or greater than 130glm <sup>2</sup> .
481920	Cartons, boxes and cases, folding of non-corrugated paper or paperboard.
482319	Paper, gummd/adhesive (o/t self-adhesive) cut to size in strips/rolls.
490890	Transfers (decalcomanias), verifiable.
500100	Silk-worm cocoons suitable for reeling.
520100	Cotton, not carded or combed.
520291	Garmented stock of cotton.
520299	Cotton waste, ness.
520300	Cotton, carded or combed.
520612	Cotton yarn < 85%, single uncombed 714.29 >dtex>= 232.56, not put up
520621	Cotton yarn, <85%, single combed >= 714.29 dtex, not put up.
530110	Flax fibre, raw or retted.
530290	True hemp fibre otherwise processed but not.
530390	Jute and other textile baste fibre not spun, nes, tow and waste of those fibres.
530410	Sisal and other textile fibres of the genus, agave, raw
530490	Sisal textile fibres processed but not spun, tow and waste of sisal fibres.
530511	Coconut (coir) fibre raw.
530890	Yarn of other vegetable textile fibres
540500	Artificial mono, 67 dtex cros, sect >1mm, strip of arttex mat with <=5mm
560729	Twine nes, cordage, ropes and cables, of sisal textile fibres.
580310	Gauze of cotton, o/t narrow fabrics
610349	Mens/boys trousers and shorts of other textile materials knitted.
610729	Mens/boys night shirts and pajmas, of other textile materials knitted
620349	Mens/boys trousers and shorts of other textile material not knitted.
620520	Mens/boys shirts of cotton not knitted.
620590	Mens/boys shirts of other textile materials not knitted.
620729	Mens/boys night shirts and pyjamas, of other textile materials not knitted.
621139	Mens/boys garments nes, of other textile materials, not knitted.
630510	Sacks and bags for packing of goods, of jute or of other textile baste fibres.
630533	Sacks, bags, packing of strip plastic material.
630590	Sacks and bags for packing of goods of other textile.
630611	Tarpaulins, awnings and sunblinds of cotton.
630621	Tents, of cotton.
630629	Tents of other textile material.
670100	Skins/other parts of bird w/feather/down, feather and parts down article of , nes.
670490	Wigs, false beards eyebrows and like other material.
680222	Monumental/building stone, cut/sawn flat or even other calcareous stone.
710310	Precious/ semi-precious stones (o/t diamonds, unworked/simply sawn/rough shaped.
710399	Precious/semi precious stones nes further worked than sawn/rough shaped.
710811	Gold powder non monetary
711100	Base metals, silver or gold clad with platinum in semi manufactured forms.
720410	Waste and scrap cast iron.
720429	Waste and scrap of alloy steel, other than stainless.
720430	Waste and scrap of tinned iron and steel.
720449	Ferrous waste and scrap iron or steel nes.
720450	Remelting scrap ingot, of iron or steel.
720610	Ingot, iron or non-alloy steel of a purity of less than 99.94% iron.
720890	Flat rolled prod, i/nas, not further worked than hot rolled, nes.
720925	Cold roll iron/steel, non coil>600m by >mm.
730421	Drill pipe (iron or steel)
740929	Plate, sheet and strip of copper-zinc base alloys, nt in cot/>, 0.15 mm thick.
760110	Aluminium unwrought not alloyed.
780199	Lead unwrought ness
780200	Lead waste and scrap.

PRODUCT CODE (Harmonized 6 Digit Level)	PRODUCT DESCRIPTION
780300	Lead bars, rods profiles and wire.
800200	Tin waste and scrap.
810420	Magnesium waste and scrap.
820560	Blow torches
840710	Aircraft engines, spark ignition reciprocating or rotary type.
841440	Air compressor mounted on a wheeled chassis for towing
841459	Fans
842320	Scales for continuous weighing of goods on conveyors.
842542	Jacks and hoists nes hydraulic.
842619	Transporter or bridge cranes.
842620	Tower cranes
842630	Portal or pedestal jib cranes.
842699	Cranes or derricks nes.
842832	Cont-action elevators/conveyors for goods/mat bucket types nes.
842919	Bulldozers and angledozers wheeled.
842920	Graders and levellers, self propelled.
842930	Scraps, self propelled.
843049	Boring or sinking machinery nes no self propelled.
843061	Tamping or compacting machinery, not self propelled
843143	Parts of boring or sinking machinery whether or not self propelled.
845221	Disc harrows.
844329	Letter press printing machinery nes exc flexographic printing.
844330	Flexographic printing machinery
844359	Printing machinery nes.
844400	Machines for extruding, drawing, text or cutting m-m textile materials.
8444629	Machines for weaving fabrics of a width exceeding 30cm shuttle type nes.
845699	Machines – tools for non mechanical material removal nes.
845910	Way-type unit head machines for removing metal.
845929	Drilling machines for removing metal.
845939	Boring-milling machines nes for removing metal.
847431	Concrete or motor mixer.
850120	Universal Ac/Dc motors of an output exceeding 37.5 w.
850161	AC generators (Alternators) of an output not exceeding 75 KVA.
850410	Ballasts for discharge lamps or tubes.
852431	Recorded laser discs (other than sound/image disc).
852739	Radio broadcast receivers nes.
852790	Radio reception apparatus nes

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