

# Examining Agri-Food Trade Performance in the Western Hemisphere



An Application of the Revealed Comparative Advantage Measure



May 1999

by

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*"The views expressed herein are those of the author and do not necessarily reflect the views of the Regional Negotiating Machinery (RNM), nor those of the Inter-American Institute for Cooperation on Agriculture (IICA)*

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### Country List and Acronyms

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#### Caribbean

Atg	Antigua and Barbuda
Bhs	the Bahamas
Brb	Barbados
Blz	Belize
Cub	Cuba
Dom	the Dominican Republic
Dma	Dominica
Grd	Grenada
Guy	Guyana
Hti	Haiti
Jam	Jamaica
Kna	St.Kitts and Nevis
Slu	St.Lucia
Sur	Suriname
Tto	Trinidad and Tobago
Vct	St.Vincent and the Grenadines

#### Latin America

Arg	Argentina
Bra	Brazil
Bol	Bolivia
Chl	Chile
Col	Colombia
Cri	Costa Rica
Ecu	Ecuador
Gtm	Guatemala
Hnd	Honduras
Mex	Mexico
Nic	Nicaragua
Pan	Panama
Per	Peru
Pry	Paraguay
Slv	El Salvador
Ury	Uruguay
Ven	Venezuela

#### Other

Ant	Netherlands Antilles
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## Introduction

This report provides a time-series empirical overview of agricultural trade performance of CARIFORUM countries, as well as for the major Latin American competitors over two comparative sub-periods. Trends in international competitiveness in agricultural industries are examined using the concept of "revealed competitive advantage (RCA)". Competitive advantage or competitive disadvantage for 61 commodities of export interest to CARIFORUM countries is measured using two global trade intensity measures; relative export advantage (RXA) and revealed competitiveness (RCA10).

These statistics identify historical participation of CARIFORUM countries in international agri-food markets and summarise the ability of a particular country to compete internationally in a specific commodity. These estimates also identify the major commodity-specific exporters among the CARIFORUM group and changes in their relative export performance over two comparative sub-periods.

## Measuring Competitive Advantage

Several authors including Vollrath and Vo (1988) and Kunimoto (1977) have proposed various measures of the Revealed Competitiveness Index first advanced by Balassa (1965).<sup>1</sup> A number of more recent

measures of revealed competitive advantage (RCA<sup>2</sup>) have been advanced by Vollrath, of which three were estimated in the present study. These are as follows.

$$RCA3_a^i = (X_a^i / X_t^i) / (X_a^w / X_t^w);$$

where subscript *a* refers to any specific commodity (whether primary or manufactured), subscript *t* refers to all traded commodities; and superscripts *i* and *w* denote the reference country and the world, respectively.

$RCA9_a^i = Ln(RXA_a^i)$ ; i.e., relative export advantage, where

$$RXA_a^i = (X_a^i / X_n^i) / (X_a^r / X_n^r)$$

where subscript *r* refers to the world minus country *i*, while *n* refers to all traded commodities minus commodity *a*.

and

$RCA10_a^i = Ln(RXA_a^i) - Ln(RMA_a^i)$ ; i.e., revealed competitiveness, where

$RMA_a^i = (M_a^i / M_n^i) / (M_a^r / M_n^r)$ , is the relative import advantage, and superscript *r* refers to the world minus country *i*, while *n* refers to all traded commodities minus commodity *a*.

<sup>1</sup> See Vollrath, Thomas L. and De Huu Vo, "Investigating the Nature of World Agricultural Competitiveness" Trade and Analysis Division, Economic research Service, USDA, Technical Bulletin Number 1754, Washington D.C., December, 1988. Kunimoto, Kazutaka. "Typology of Trade Intensity Indices." Hitotsubashi Journal of Economics, Vol. 17, 1977. P.15-32. Balassa, Bela. "Trade Liberalization and Revealed Comparative Advantage."

The Manchester School of Economics and Social Studies, vol. 33, pp. 99-123, May, 1965.

<sup>2</sup> Vollrath, Thomas L. "A Theoretical Evaluation of Alternative Trade Intensity Measures of Revealed Comparative Advantage." Weltwirtschaftliches Archiv, pp.264-280.

These measures are different both in their construction as well as in their interpretation. RCA3 for example, may be considered as a specialization index normalized to include all commodities and all countries. It may also be thought of as a net export index, which uses net-exports and net-trade instead of the usual aggregate trade balance. RCA3 might be considered to be an effective measure of trade performance when there are no imports of the commodity.

RCA9 is the Revealed Export Advantage index and is one of the three more popular indices employed in distinguishing between countries which have a relative export advantage in a commodity (based on existing trade patterns) from those which do not. RCA9 and RCA10 make clear distinctions between a specific commodity and all other commodities between a country and the rest of the world, eliminating commodity and country double counting in the analysis.<sup>3</sup> RCA9 holds distinct advantages when the trade and domestic policy regime of a country is highly distorted, since it is less susceptible to these sorts of distortions.

The construction of RCA10 (which includes both imports and exports) takes it fairly close to the conventional measure of comparative advantage. The measure is consistent with the real world phenomenon of two-way trade, embodying both relative demand and supply influences. One potential weakness with the RCA10 formulation is its sensitivity to extremely small values (volumes of trade). In extreme circumstances, when there are no imports RCA10 is undefined, while in the absence of exports RCA10 is zero. The convention followed in this study is to employ the RCA10 in instances where there is two-way trade; in instances where trade is essentially in one direction (exports or imports) the RCA9 measure is employed. For most other

commodities (where there is two-way trade) both the RCA9 and RCA10 measures are reported.

### Interpretation

It is important to discuss the interpretation of positive and negative RCAs. While a negative RCA indicates a relative disadvantage in the export of commodity *i*, the term "disadvantage" is somewhat misleading in the sense that it does not connote "bad" trade. Conversely, when a country had a competitive "advantage" this does not indicate "good" trade. Instead these terms must be interpreted within the context of the measure, instead of as some pronouncement of the "virtue" of commodity *i* in one country relative to others (better or worse off). Consequently, an RCA which is greater than zero indicates that the country in question has a competitive advantage in the sense that commodity *i*, has a positive trade balance (net exporter) relative to other merchandise exports to the rest of the world.<sup>4</sup> Conversely, a country can be argued to have a "competitive disadvantage" ( $RCA < 0$ ) when its imports exceeds its exports, in the sense that its exports are smaller relative to imports from the rest of the world.

Since the RCA index embodies the relative supply and demand situation of the commodity, it is influenced by factors such as relative incomes, efficiencies, policies and market structures. As such, the RCA index can be a useful tool for unearthing information about the exports and imports of certain commodities within the context of world trade. Among other explanations, a negative RCA could be indicative of a situation where:

- a) the country is a net-importer of the commodity;
- b) although the country is an efficient and abundant producer of the commodity, it

<sup>3</sup> This two-commodity, two-country formulation of the RCA9 and RCA10 indices is more consistent with original comparative advantage formulation, though as we have established throughout, this is no longer the standard against which these measures are judged

<sup>4</sup> This interpretation follows quite closely the seminal work in this area by Balassa, which is based on relative export shares. See Balassa, Bela. "Trade Liberalization and Revealed Comparative Advantage." *The Manchester School of Economics and Social Studies*, vol. 33, pp. 99-123, May, 1965.

- produces it on a much smaller scale than its other export commodities;
- c) the country produces much less for export than the rest of the world; and
  - d) trade performance is explained by a combination of the above factors, (a) - (c) .

It is important to note that although the pioneering work in this area sought to establish the relationship between competitiveness and comparative advantage. More recent contributions have proceeded in other directions by de-emphasizing the link to comparative advantage and emphasizing instead the RCA index as a credible measure for explaining and understanding existing trading patterns. As such, it would be misleading to interpret a higher RCA index between two countries as *necessarily* reflecting one country having a lower cost than the other. As is evident, the RCA index incorporates significantly more information than just relative cost advantage/disadvantage.

What does the overall global trade record reveal about a country's performance? Insight into this can be obtained from the revealed competitive advantage indices estimated. Table 1 indicates that in the 1994-96 sub-period, Barbados's export advantage in sugar and honey was 3.724 times its export advantage for other product exports compared with all foreign countries. In comparison, Barbados was not a significant exporter of cereals and cereal preparations as indicated by the (1994-96 sub-period) relative export advantage index of 0.495.

**Table 1: Barbados**

Commodity Group	RCA9 (RXA) Index		RCA10 Index	
	91-93	94-96	91-93	94-96
Cereals & Prep.	0.422	0.495	-0.622	-0.602
Sugar & Honey	3.785	3.724	2.808	2.357
Beverages	2.205	2.136	1.099	1.077

To arrive at a final index number for relative trade advantage or revealed, competitive advantage (RCA10), we must subtract the relative import advantage for a commodity from the relative export advantage. Positive

RCAs identify global trade advantage within the context previously discussed. Negative values for the RCA10 index denote global trade disadvantages. Table 1 shows that Barbados has a global trade advantage in sugar and honey, cereals and preparations and beverages. However, the RCA estimates also suggest that Barbados had a greater relative trade advantage for sugar and honey than for both cereals and preparations and beverages. This finding may be due to Barbados's higher relative export share and lower import share for sugar and honey than for commodities in the other two sub-groups.

### The Data Base

This report presents the results for sixty-one (61) commodities/sub-groups of export interest to CARIFORUM countries across country. The results are also presented for commodities within the individual country for sixteen (16) member states of the Caribbean region.

The FAO <sup>trade</sup> database was used in the analysis. The commodities examined were categorised into the following broad groups:

- *Bulk commodities*, comprise unpackaged goods that require very little handling and are comparatively inexpensive to ship. In most cases, these commodities are primary materials, used in the manufacture of semi-processed intermediates. Competitive bulk commodities of export interest to the CARIFORUM countries include rice, oilseeds and tobacco.
- *Semi-processed intermediates* comprise goods that are derived from bulk commodities and that are not in their primarily used for immediate human consumption. Competitive semi-processed intermediates of export interest to the Caribbean include oilcake & meal and vegetable oils.
- *Consumer-oriented products* comprise horticultural and other fresh produce that can be consumed without any significant

post-harvest processing. They often require special handling and may incorporate such relatively simple value-added activity as containerization and refrigeration. They also encompass consumer-ready products that have been significantly transformed, in terms of processing and packaging, from their farmgate primitive state.

Much of the products of export interest to Caribbean countries fall within this category. For the purposes of the analysis, this category is further sub-divided into: traditional fruits fresh and preserved, including sugar and products and tobacco products; non-traditional fresh fruits; food crops; alcoholic and non-alcoholic beverages; dairy, meat and preparations and processed foods.

### **Cross-Country Results**

This Section presents the results of the RCA9 and RCA10 for individual agricultural industries and commodities. The results permit cross-country comparisons of competitive advantage for the various traded products, based on the classification according to bulk, intermediate and consumer-oriented products over two sub-periods, 1991-93 and 1994-96. These estimates easily differentiate between countries that enjoy a relative competitive advantage in a particular commodity from those that do not, by measuring the extent to which particular country producers of a specified commodity compete for domestic resources in its production compared with other commodities produced and traded. Positive RCAs thus generally imply that a country's exports of a particular commodity exceeds its imports. The RCA indices also provide an indication of changes in the relative competitive advantage patterns over the two sub-periods.

The average annual value of exports and imports for the 1994-1996 period is also included to provide information on the relative size of the country exporter *vis-a-vis* its

measured trade advantage/disadvantage. The results are presented for Caribbean countries which are considered to be important exporters of the particular commodity as well as for their major competitors in Latin America.

### **Cross-Commodity Results**

The RCA9 and RCA10 indices of individual commodities produced are presented for individual countries. Within a country, these estimates can be used to rank-order commodities along the competitive-advantage /competitive-disadvantage continuum. One may also glean from the tables that the typical commodity mix has not changed substantially for most CARIFORUM countries. Many of these countries continue to specialise in exports of tropical products (including coffee, cocoa and spices), fruits and vegetables and sugar. In the larger CARIFORUM countries, however, there has been an interesting shift toward consumer-oriented products over the last decade. This resulted in increases in both the share and rate of growth of processed products relative to agricultural trade. The RCA analysis indicates that certain products from the Caribbean are well positioned to participate in this growth segment of the agri-food market. Sausages and distilled alcoholic beverages are good examples of such products.

### **Conclusion**

This Report is intended to present the trade performance estimates so that interested readers may have access to the information which was used in determining CARIFORUM countries' trade and negotiating interest for agriculture. It is intended neither as a comprehensive discourse on competitiveness nor as an evaluation of the market share of individual commodities which may be of export interest to CARIFORUM countries. This notwithstanding, interested readers and policy analysts may elaborate on the analytical tables in a manner consistent with their own particular interests.



## Section I: Cross-Country Analysis

### Bulk Commodities

The bulk commodities of export interest to CARIFORUM countries are rice and tobacco leaves.

The main rice producing countries are Guyana and Suriname. These two countries specialise in rice production for exports. Over the 1991-1996 period, Guyana and Suriname exported rice to the preferential European market through the indirect route provided under the European Economic Commission's (EEC) Overseas Territories and Countries (OCT) arrangement. This arrangement largely explains the relatively large rice industry in the Netherlands Antilles (specifically Curacao and Bonaire). The rice trade of Guyana and Suriname is a one-way trade, which also explains the non-inclusion of RCA10 estimates for rice in Guyana and Suriname.

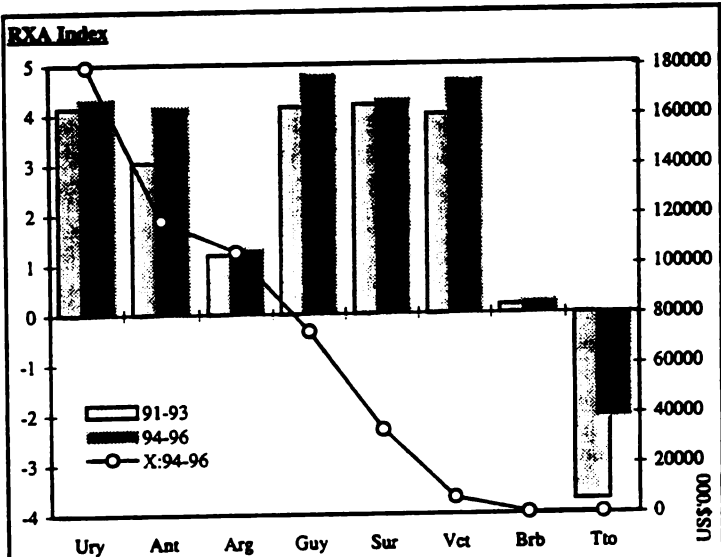
The Dominican Republic and Trinidad and Tobago also produce rice for domestic consumption. However, Trinidad and Tobago is also an exporter of packaged rice, mainly within the regional market. Other regional

exporters of packaged rice include St. Vincent and Barbados and Trinidad and Tobago.

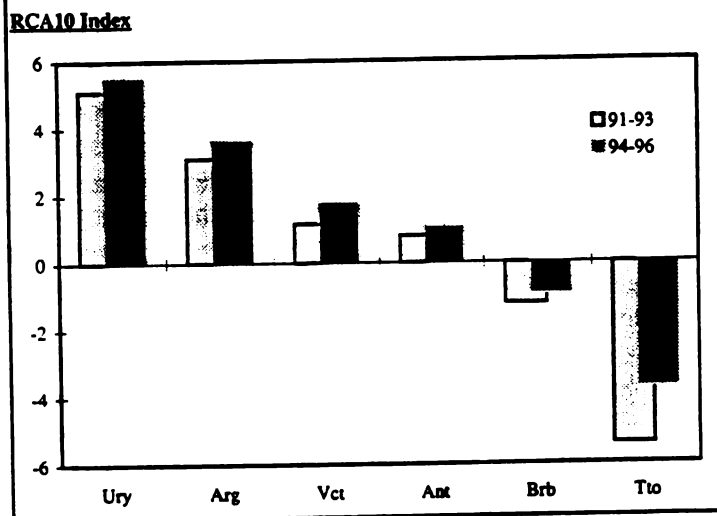
The RXA estimates indicate that Guyana, Suriname and St. Vincent possessed a relatively high export advantage in rice. The RXA index indicates that there was an increase in relative export advantage of the rice industry in Guyana and Suriname in the second sub-period (1994-96). The country exhibiting the greatest revealed competitive advantage (RCA10 index), however, was Uruguay. The estimates for Barbados indicate a comparatively small export advantage in rice, while the index for Trinidad and Tobago suggests ~~that~~ comparative disadvantage in rice.

Cuba and the Dominican Republic appear to be the only two Caribbean countries with tobacco leaf exports of significance. Both countries possess relative trade advantages in this commodity as indicated by their respective estimates. Jamaica, on the other hand is a net-importer of tobacco leaves and does not possess relative trade advantage in tobacco leaves.

**Rice**



	RXA Index		Average, US\$'000	
	91-93	94-96	X:94-96	1994-96
Ury	4.139	4.327	180.253	1.268
Ant	3.039	4.153	118.190	59.848
Arg	1.190	1.324	105.360	3.389
Guy	4.157	4.806	73.471	-
Sur	4.186	4.294	34.000	-
Vct	3.987	4.668	6.439	3.733
Brb	0.166	0.253	421	3.822
Tto	-3.716	-2.101	405	14.186

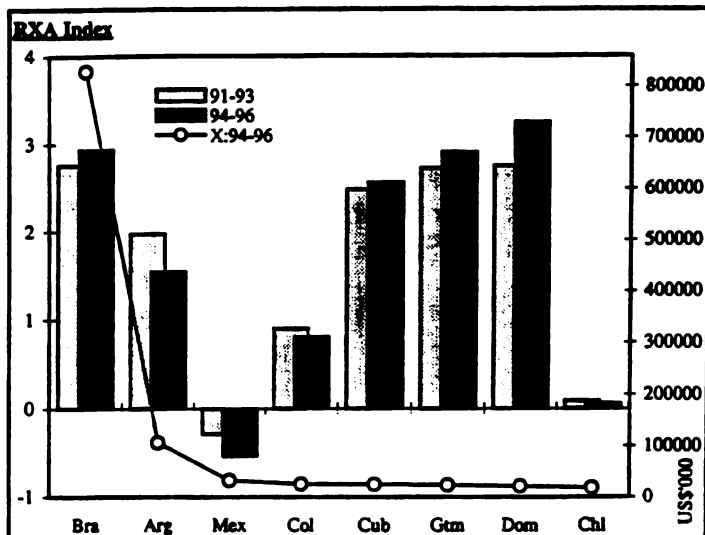


	RCA10 Index	
	91-93	94-96
Ury	5.106	5.531
Arg	3.102	3.645
Vct	1.160	1.816
Ant	0.792	1.064
Brb	-1.219	-0.946
Tto	-5.409	-3.748

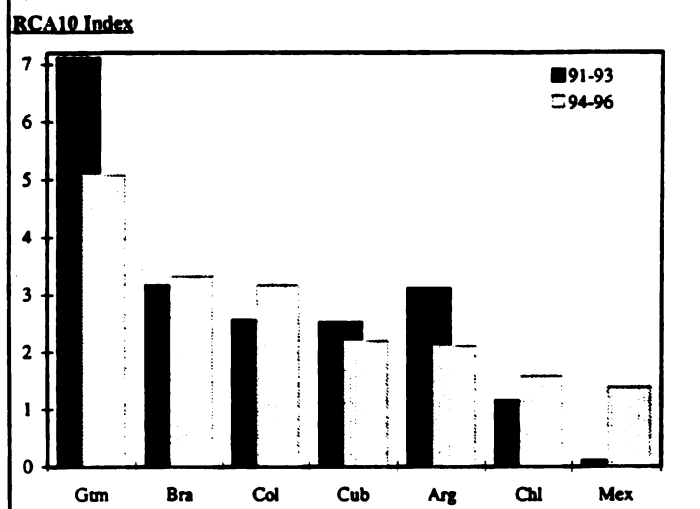
**Other Major Competitors**

	Average, US\$'000		RCA9 (RXA) Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	94-96	94-96				
Ecu	19.767	327	-2.460	1.183	0.527	4.069
Bol	466	214	-1.253	-1.245	-0.397	1.103
Ven	23.915	10.164	-0.590	-0.122	2.885	0.448
Gtm	1.469	7.935	-0.904	-0.094	-1.795	-0.605
Nic	602	26.137	-1.177	-0.240	-3.851	-3.098
Bra	3.497	306.130	-2.795	-2.928	-4.777	-4.347
Col	383	55.801	-0.081	-3.571	-0.251	-4.572
Pry	700	61	-1.343	-0.587	-2.599	-4.808
Per	518	95.864	-	-2.678	-2.599	-4.808
Mex	468	102.337	-7.342	-4.971	-7.379	-5.130

## Tobacco Leaves



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
	X:94-96	1994-96		
Bra	2.758	2.936	830.330	43.611
Arg	1.976	1.544	105.587	16.595
Mex	-0.283	-0.537	31.636	10.912
Col	0.903	0.807	24.466	1.659
Cub	2.476	2.555	24.100	5.467
Gtm	2.717	2.899	23.120	450
Dom	2.748	3.245	20.757	-
Chl	0.091	0.060	17.501	4.289



	RCA 10 Index	
	91-93	94-96
Gtm	7.112	5.082
Bra	3.154	3.325
Col	2.557	3.154
Cub	2.514	2.186
Arg	3.095	2.095
Chl	1.152	1.572
Mex	0.102	1.377

## Other Major Competitors

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Cri	576	1.603	-	-1.555	1.897	-0.575
Ecu	4,306	113	-0.759	-0.133	-0.759	3.637
Hnd	1,945	9,577	1.163	0.456	0.448	-1.063
Jam	219	7,250	-0.893	-1.935	-1.302	-2.680
Nic	2,829	3,433	1.381	1.526	1.167	0.545
Pan	1,118	822	1.472	0.564	3.541	1.978
Pry	7,113	7,923	1.914	1.954	1.483	1.110

## Semi-Processed Intermediates

RCA estimates are presented for the sub-group of fixed vegetable oils, as well as for individual products of coconut oil, soya bean oil and soya bean cake. These RCA estimates easily differentiate between countries that enjoy a relative advantage in the oilseeds sub-sector from those that do not.

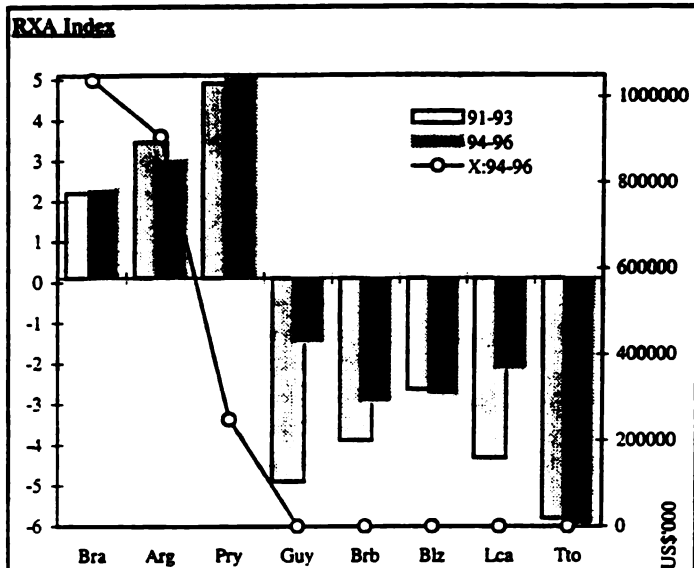
Based on the average annual export value for the 1994-1996 period, CARIFORUM countries do not rank highly among the LAC region as traders in this group. The results presented also raise serious questions about the pattern of competitive advantage in fixed

vegetable oils in general, particularly given the comparative estimates of their Latin American competitors.

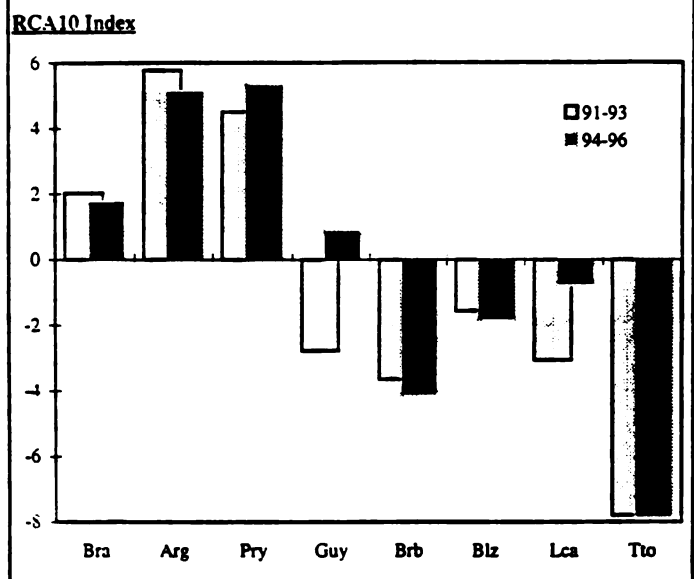
Among the region, Dominica and St. Lucia appear to be the only countries possessing relative export advantage in fixed vegetable oils. Although the competitive advantage of the fixed vegetable oils industry in Barbados is rather doubtful, the industry's competitive disadvantage lessened considerably in the 1994-1996 sub-period, both in terms of the country's relative export advantage and its revealed competitiveness.

..

## Oilseeds



	RXA+P37		Average, US\$'000	
	Index		Exports	Imports
	91-93	94-96	X:94-96	1994-96
Bra	2.102	2.210	1,038,841	219,514
Arg	3.354	2.913	906,334	6,860
Pry	4.803	4.968	248,226	5,260
Guy	-4.991	-1.580	283	133
Brb	-3.989	-3.050	30	6,454
Blz	-2.735	-2.866	25	275
Lca	-4.409	-2.237	25	210
Tto	-5.903	-6.060	15	31,332

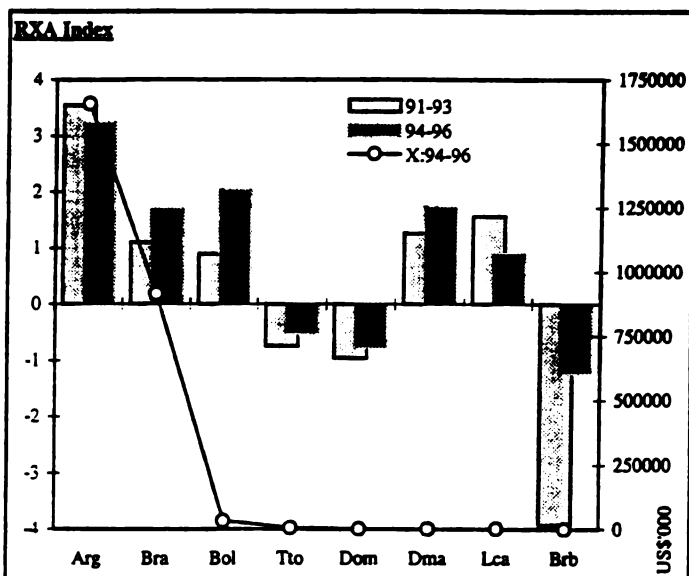


	RCA10	
	Index	
	91-93	94-96
Bra	2.037	1.783
Arg	5.777	5.161
Pry	4.502	5.347
Guy	-2.775	0.898
Brb	-3.647	-4.144
Blz	-1.566	-1.840
Lca	-3.059	-0.784
Tto	-7.797	-7.873

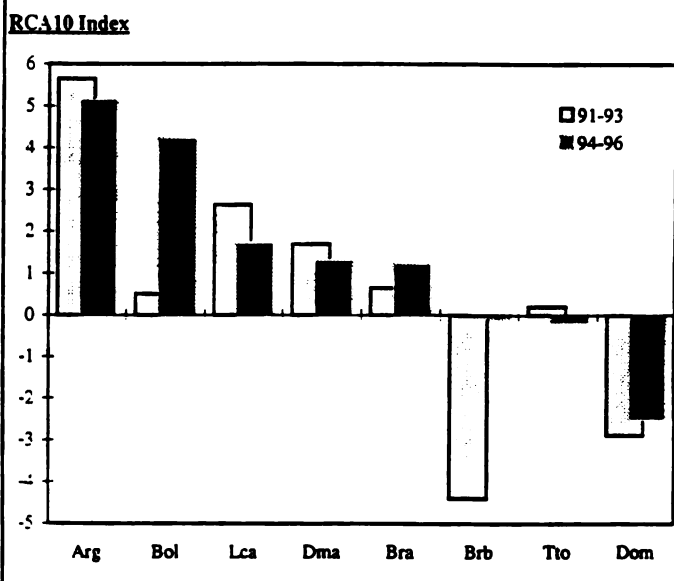
## Other Major Competitors

	Average, US\$'000		RXA		RCA10	
	Exports	Imports	Index		Index	
	X:94-96	1994-96	91-93	94-96	91-93	94-96
Bol	66,131	1,298	2.187	3.115	3.445	4.292
Gtm	31,932	5,355	1.811	2.355	3.016	2.871
Mex	24,767	973,564	-0.829	-1.659	-2.420	-3.510
Nic	23,957	1,721	2.741	2.830	3.287	3.354
Ven	23,683	49,490	-1.011	-0.793	-0.649	-1.179
Ury	8,798	5,146	0.164	0.520	1.075	0.954
Chl	8,644	5,205	-2.983	-1.522	-0.901	0.608
Slv	5,790	5,133	1.939	0.307	2.398	0.870
Cri	2,119	56,610	-3.446	-1.125	-4.479	-2.825
Hnd	1,936	6,498	0.235	-0.423	0.077	-0.739
Col	1,184	75,719	-1.935	-3.102	-2.678	-3.775

## Fixed Vegetable Oils



	RXA Index		Average. US\$'000	
	91-93	94-96	Exports	Imports
			X:94-96	1994-96
Arg	3.548	3.237	1,657.123	12,764
Bra	1.102	1.706	912.893	307.319
Bol	0.893	2.030	32.513	628
Tto	-0.749	-0.531	5.280	4,856
Dom	-0.957	-0.777	1.293	63,642
Dma	1.262	1.738	985	683
Lca	1.562	0.906	808	523
Brb	-3.923	-1.231	260	907



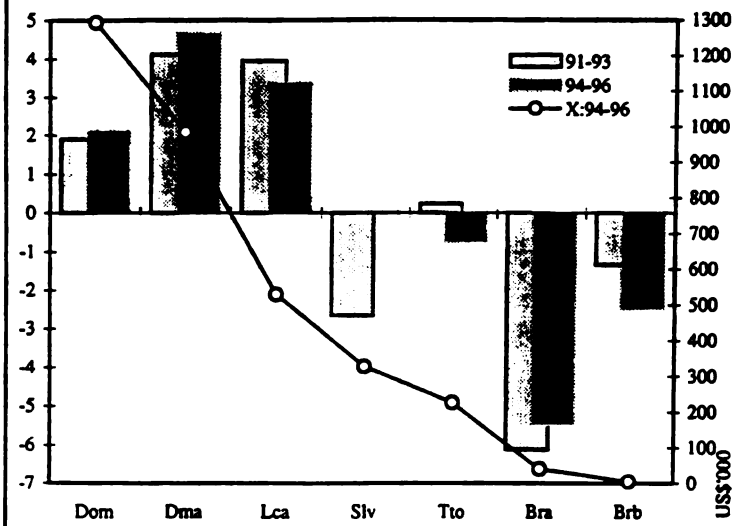
	RCA10 Index	
	91-93	94-96
Arg	5.650	5.152
Bol	0.508	4.222
Lca	2.634	1.734
Dma	1.695	1.319
Bra	0.649	1.228
Brb	-4.401	-0.067
Tto	0.205	-0.178
Dom	-2.883	-2.508

## Other Major Competitors

	Average. US\$'000		RXA+M14 Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Cri	28,589	3,195	0.298	1.148	1.792	2.537
Ecu	13,085	26,447	-0.852	-0.234	-2.093	-0.828
Col	13,347	79,714	-2.323	-1.019	-2.763	-1.455
Slv	3,783	40,453	-1.562	-0.462	-3.129	-1.689
Mex	44,251	338,022	-1.244	-1.419	-1.838	-1.861
Ury	943	14,419	-2.017	-2.059	-2.224	-2.371
Chl	2,005	102,691	-2.896	-3.325	-3.489	-3.900
Ven	2,022	124,221	-2.179	-3.598	-3.413	-4.626

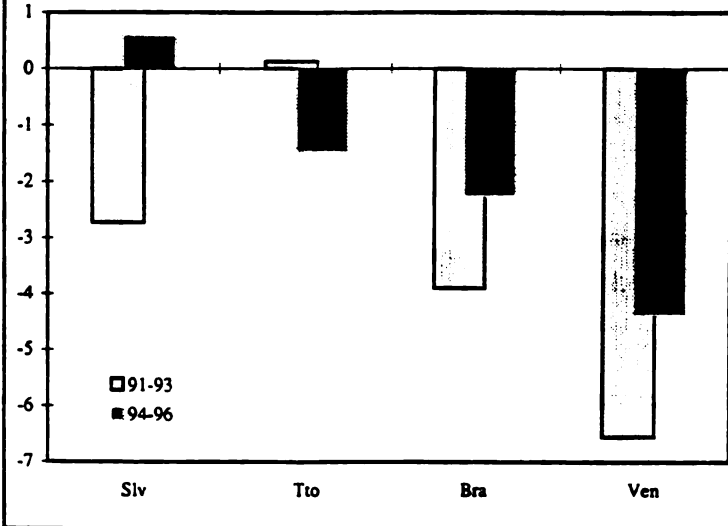
**Coconut Oil**

**RXA Index**



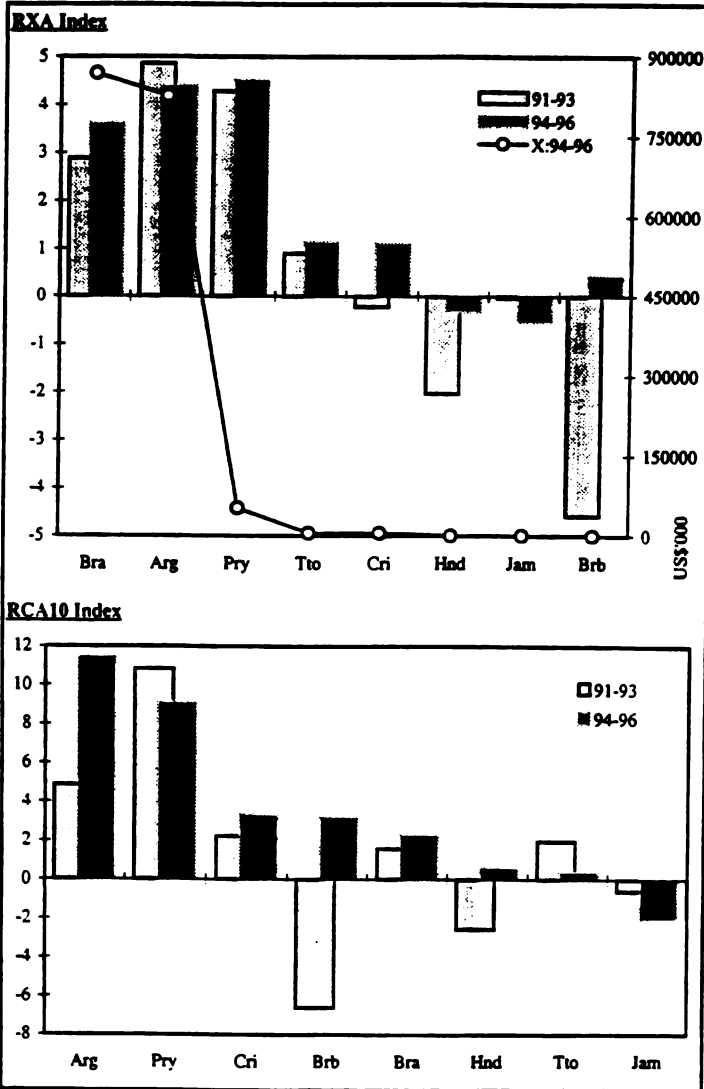
	RXA Index		Average. US\$'000	
	91-93	94-96	Exports	Imports
	1994-96	1994-96	1994-96	1994-96
Dom	1.907	2.142	1.293	..
Dma	4.115	4.656	985	..
Lca	3.951	3.397	529	..
Siv	-2.661	0.005	327	369
Tto	0.245	-0.768	226	765
Bra	-6.122	-5.483	40	422
Brb	-1.348	-2.489	4	11

**RCA10 Index**



	RCA10 Index	
	91-93	94-96
Siv	-2.725	0.587
Tto	0.129	-1.468
Bra	-3.899	-2.252
Ven	-6.555	-4.374

## Soya Bean Oil



	RXA+N33		Average, US\$'000	
	Index		Exports	Imports
	91-93	94-96	X:94-96	1994-96
Bra	2.882	3.618	868.457	127.797
Arg	4.860	4.401	326.535	13
Pry	4.284	4.516	52.245	19
Tto	0.901	1.141	5.052	2.662
Cri	-0.221	1.109	4.993	255
Hnd	-2.034	-0.315	546	454
Jam	-0.043	-0.543	534	7.323
Brb	-4.586	0.426	245	33

	RCA10 Index	
	91-93	94-96
Arg	4.860	11.498
Pry	10.842	9.101
Cri	2.220	3.319
Brb	-6.608	3.197
Bra	1.578	2.292
Hnd	-2.560	0.614
Tto	1.960	0.388
Jam	-0.583	-2.036

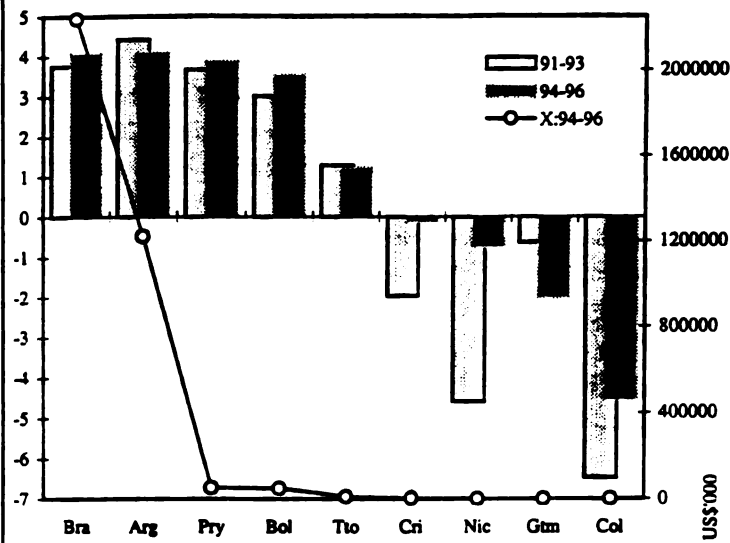
## Other Major Competitors

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Bol	31,538	34	2.661	3.722	0.983	7.122
Mex	15,222	42,723	-4.086	-0.769	-4.314	-0.840
Ant	113	1,866	-1.615	-2.187	-1.649	-2.556
Ecu	1,355	23,755	-2.295	-0.789	-5.090	-2.989
Chl	111	58,960	-3.528	-4.504	-5.546	-6.242
Ven	179	84,275	-6.145	-4.307	-8.339	-6.669



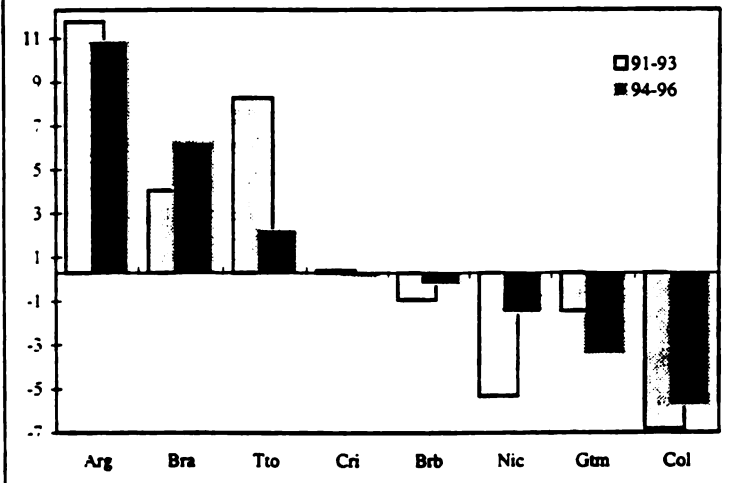
## Soya Bean Cake

**RXA Index**



	RXA Index		Average, US\$'000	
	91-93	94-96	X:94-96	1994-96
Bra	3.751	4.080	2,237.925	10.852
Arg	4.423	4.098	1,222.859	47
Pry	3.670	3.867	52.455	..
Bol	3.011	3.535	49.183	..
Tto	1.283	1.218	10,381	1.163
Cri	-1.967	-0.127	2,774	..
Nic	-4.593	-0.752	337	4.177
Gtm	-0.635	-2.005	203	23,609
Col	-6.471	-4.552	134	83.462

**RCA10 Index**



	RCA10 Index	
	91-93	94-96
Arg	11.460	10.599
Bra	3.751	5.946
Tto	7.984	1.983
Cri	0.131	-0.127
Brb	-1.247	-0.516
Nic	-5.634	-1.849
Gtm	-1.745	-3.713
Col	-7.136	-6.061

## Consumer-Oriented Products - I

### *Traditional Commodities, Fresh and Processed*

This sub-category comprises sugar products and honey, bananas, citrus fruit and juices and coffee, cocoa, tea and spices. As indicated previously, most of the CARIFORUM countries agricultural exports fall within this sub-group. This notwithstanding, the average annual export values and the trade competitiveness indices indicate that the Caribbean countries are comparatively smaller traders in these commodities than their counterparts in Latin America.

As indicated in the commodity group results, most producers possessed positive trade advantages in the sugar and honey, fruit and vegetables and coffee, cocoa, tea and spices categories. Many of the main producers of traditional export crops in the hemisphere specialise in cane sugar and banana production, as indicated by the individual RXA estimates. The estimates for sugar products (refined sugar, molasses and sugar confectionary) clearly differentiate among those countries which possessed competitive (comparative) advantage and disadvantage. The estimates indicate that virtually all the sugar cane producers possessed positive and high relative export and revealed competitive advantage in molasses. However, based on the estimates, most Caribbean countries possessed competitive disadvantage in refined sugar and sugar confectionary.

The estimates also indicate that all Caribbean countries possessed a relative trade advantage in bananas, however the revealed competitive advantage of Costa Rica and Mexico is clearly evident. The St. Lucia banana industry's performance compared favourably to that of Nicaragua, Ecuador, the Dominican Republic and Panama. For cane sugar, the relative

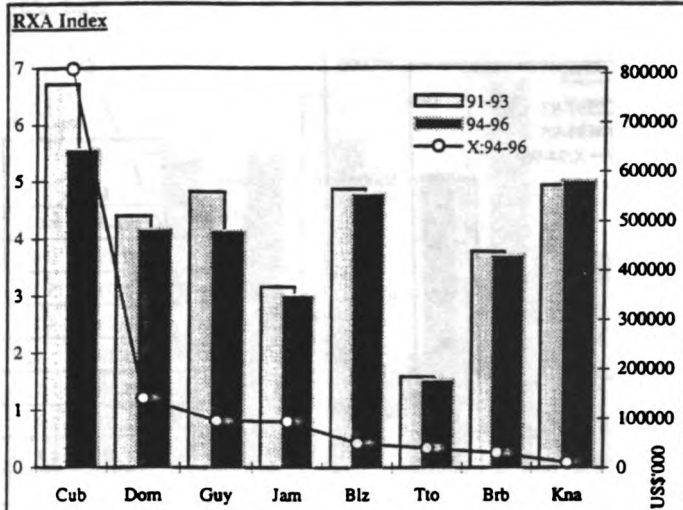
export advantage of Cuba is clearly evident. St. Kitts also has a high RXA index suggesting that cane sugar had a strong revealed competitive advantage compared to all other exports from St. Kitts to the rest of the world.

Based on the average annual export value for the 1994-1996 period, Caribbean countries do not rank highly among the LAC region as traders of citrus fruit and juices. Notable exceptions are Cuban exports of fresh oranges and grapefruit and pomelo and Belize's exports of orange juice concentrate. The scale of citrus fruit production in the other Caribbean countries is relatively small and the estimates presented raise serious doubts regarding competitive (comparative) advantage, particularly of the fresh citrus fruit. The estimates however, indicate that most producers possessed competitive advantage in citrus juice, particular single strength juices.

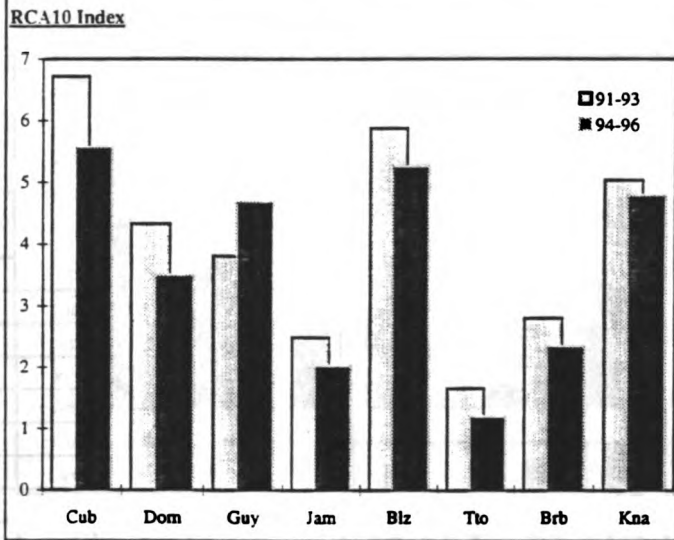
The countries of the hemisphere possess locational advantages in coffee, cocoa, tea and spices production, and most are net-exporters of these primary products. As was to be expected, among the major producers, with few exceptions, the indices of global trade intensity, or competitive advantage for these commodities in their primary form were all positive and high. This is particularly true for cocoa bean, green coffee, and to a lesser extent, ginger. Grenada's RXA estimates for cocoa beans, and the sub-group nutmeg, mace and cardamon were to be expected since that country is the most significant export of these commodities in the Caribbean. Based on the estimates for cocoa paste, roasted coffee and cinnamon, there appears to be serious doubt as to the competitive advantage of most of the major traders.

...

## Sugar and Honey



	RXA+R37		Average, US\$'000	
	Index		Exports	Imports
	91-93	94-96	X:94-96	1994-96
Cub	6.720	5.581	808.467	...
Dom	4.396	4.170	140.279	21.733
Guy	4.819	4.147	94.689	1.203
Jam	3.159	3.027	93.572	27.057
Blz	4.873	4.800	49.657	624
Tto	1.588	1.545	39.697	9.417
Brb	3.785	3.724	30.660	10.981
Kna	4.940	5.027	10.460	732



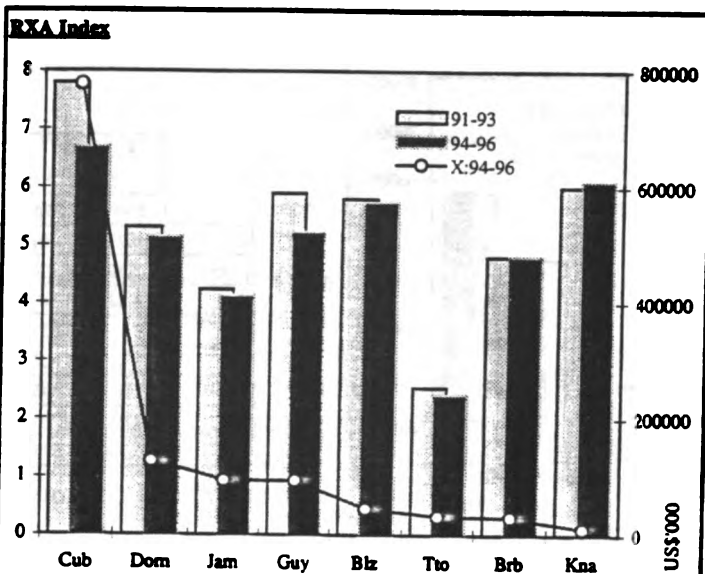
	RCA10	
	91-93	94-96
Cub	6.720	5.581
Dom	4.328	3.508
Guy	3.814	4.686
Jam	2.491	2.035
Blz	5.880	5.271
Tto	1.661	1.210
Brb	2.808	2.357
Kna	5.046	4.801

## Other Major Competitors

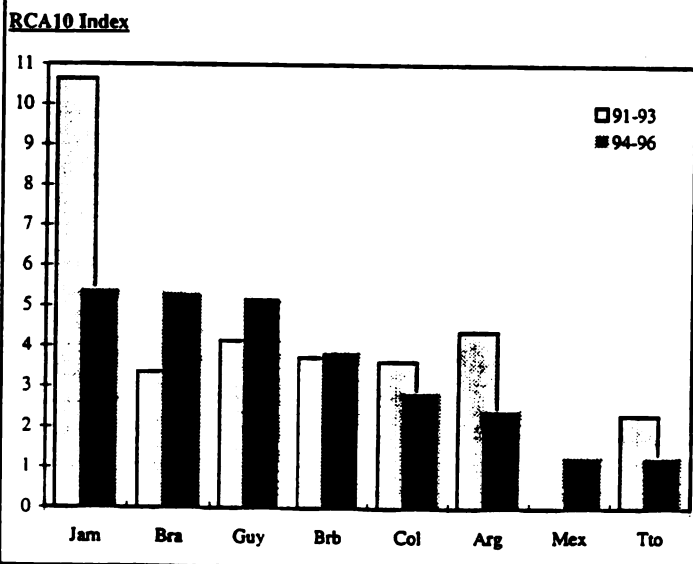
	Average, US\$'000		RXA		RCA10	
	Exports	Imports	Index		Index	
	X:94-96	94-96	91-93	94-96	91-93	94-96
Gtm	224.235	9.586	3.685	4.204	4.116	4.402
Nic	23.696	2.964	3.373	2.518	2.280	2.762
Bra	1,586.421	52.957	1.667	2.358	3.216	3.634
Pan	19.798	7.246	2.591	2.300	3.134	2.612
Slv	49.607	9.329	3.063	2.186	3.244	2.415
Bol	30.198	7.538	2.054	1.996	2.316	1.675
Col	223.512	33.818	1.625	1.875	2.934	2.280
Cri	49.246	10.039	1.351	1.744	2.044	1.963

	Average, US\$'000		RXA		RCA10	
	Exports	Imports	Index		Index	
	X:94-96	94-96	91-93	94-96	91-93	94-96
Arg	164.031	83.099	0.840	0.805	1.857	0.817
Ecu	28.448	31.662	-0.138	0.589	-0.965	-0.210
Per	33.490	130.254	0.510	0.541	-0.981	-0.996
Mex	278.151	141.137	-0.067	0.479	0.060	0.902
Ury	11.006	37.021	0.520	0.446	-0.233	-0.841
Chl	29.967	64.280	-0.649	-0.575	-0.684	-0.700
Ven	30.001	114.003	-1.859	-0.856	-2.305	-1.819

### Cane Sugar (Raw)



	RXA Index		Average, US\$'000	
	91-93	94-96	X:94-96	1994-96
Cub	7.796	6.691	777.567	...
Dom	5.310	5.150	126.619	...
Jam	4.232	4.127	93.413	933
Guy	5.894	5.230	93.289	...
Blz	5.803	5.759	45.069	1
Tto	2.547	2.428	32.237	7.027
Brb	4.812	4.815	30.574	2.381
Kna	6.006	6.120	10.460	...

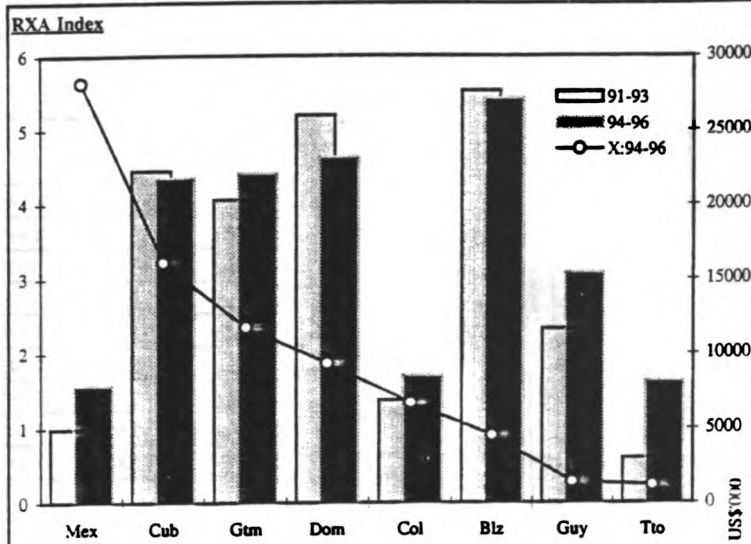


	RCA10 Index	
	91-93	94-96
Jam	10.632	5.420
Bra	3.372	5.340
Guy	4.149	5.230
Brb	3.731	3.896
Col	3.633	2.896
Arg	4.388	2.461
Mex	0.008	1.295
Tto	2.325	1.294

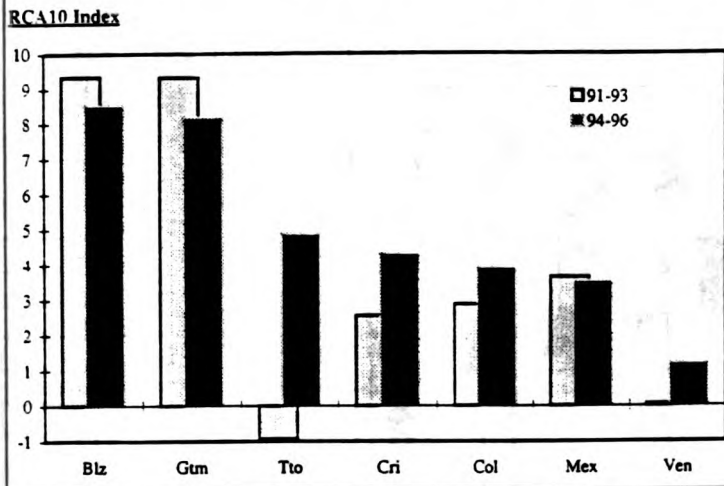
### Other Competitors

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Gtm	200,558	8	4.617	5.180	9.312	11.377
Slv	32,431	2	3.800	2.844	10.574	10.432
Cri	39,590	9	2.260	2.617	8.297	8.764
Pan	19,224	50	3.598	3.363	10.940	7.561
Nic	20,578	59	4.292	3.465	2.901	6.536
Per	30,499	3,429	1.539	1.541	2.067	2.571
Verf	18,876	80,370	-1.600	-0.227	-2.384	-1.937
Arg	33,480	3,263	0.719	0.297		
Bra	1,143,083	7,725	2.174	3.229		
Col	90,271	7,309	1.787	2.049		
Mex	95,183	32,577	-0.757	0.495		

### Molasses



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
			X:94-96	1994-96
Mex	0.985	1.576	28,172	1,362
Cub	4.447	4.357	16,100	..
Gtm	4.057	4.412	11,715	12
Dom	5.197	4.631	9,353	..
Col	1.377	1.702	6,687	246
Blz	5.524	5.426	4,511	2
Guy	2.338	3.085	1,400	..
Tto	0.601	1.631	1,166	9

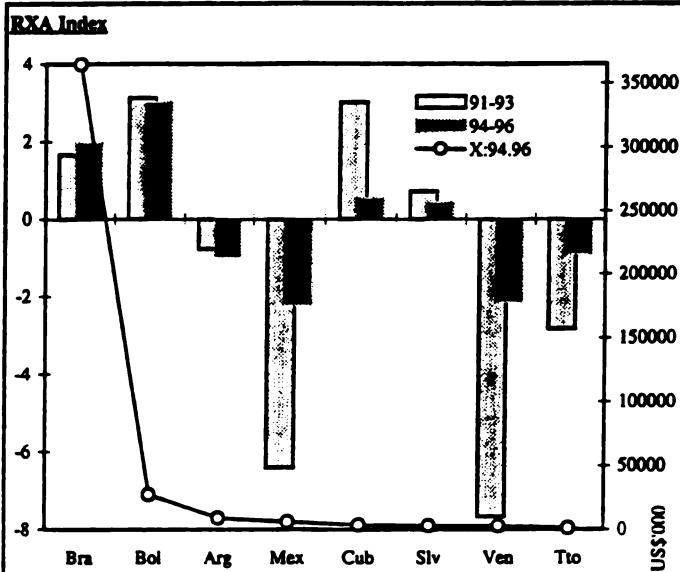


	RCA10 Index	
	91-93	94-96
Blz	9.350	8.539
Gtm	9.334	8.192
Tto	-0.931	4.881
Cri	2.564	4.322
Col	2.889	3.931
Mex	3.664	3.544
Ven	0.059	1.209

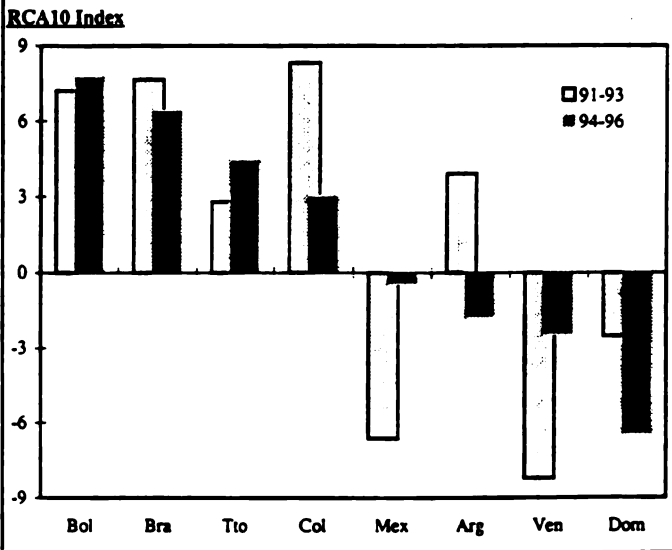
### Other Major Competitors

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Nic	2,915	3	4.637	3.748	9.529	7.787
Slv	4,204	7	3.824	3.054	9.476	7.378
Hnd	2,892	8	1.937	3.045	1.937	6.595
Per	363	1	-1.328	-0.631	1.634	6.530
Ecu	331	2	0.223	-0.511	0.223	5.266
Cri	1,348	33	-2.063	1.485		
Ven	3,781	916	-0.186	0.437		

## Refined Sugar



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
Bra	1.658	1.963	364.636	696
Bol	3.128	3.020	27.147	15
Arg	-0.770	-0.988	8.951	59.067
Mex	-6.405	-2.218	6.173	11.814
Cub	3.009	0.548	3.433	..
Slv	0.726	0.437	2.786	79
Ven	-7.665	-2.140	2.689	19.379
Tto	-2.840	-0.909	1.122	10

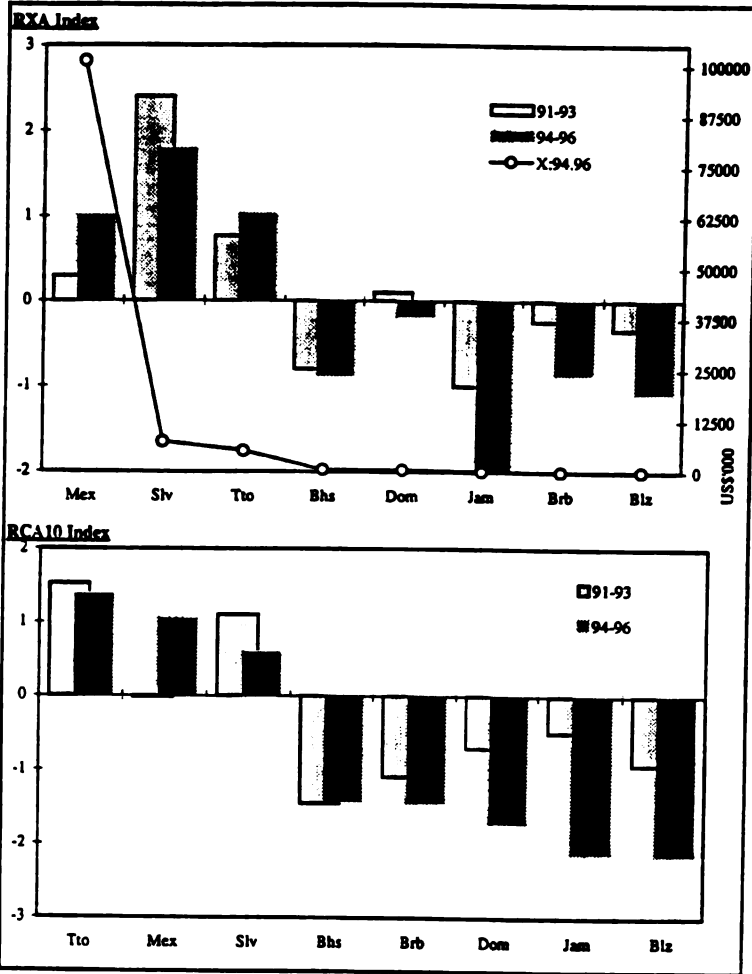


	RCA10 Index	
	91-93	94-96
Bol	7.216	7.781
Bra	7.667	6.431
Tto	2.795	4.466
Col	8.332	3.043
Mex	-6.633	-0.451
Arg	3.917	-1.782
Ven	-8.217	-2.464
Dom	-2.537	-6.469

### Other Major Competitors

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Cri	58	17	2.260	2.617	..	1.567
Per	2.025	101.117	-3.316	-1.142	-5.872	-3.576
Col	90.726	6.275	1.905	2.094		

**Sugar Confectionary**

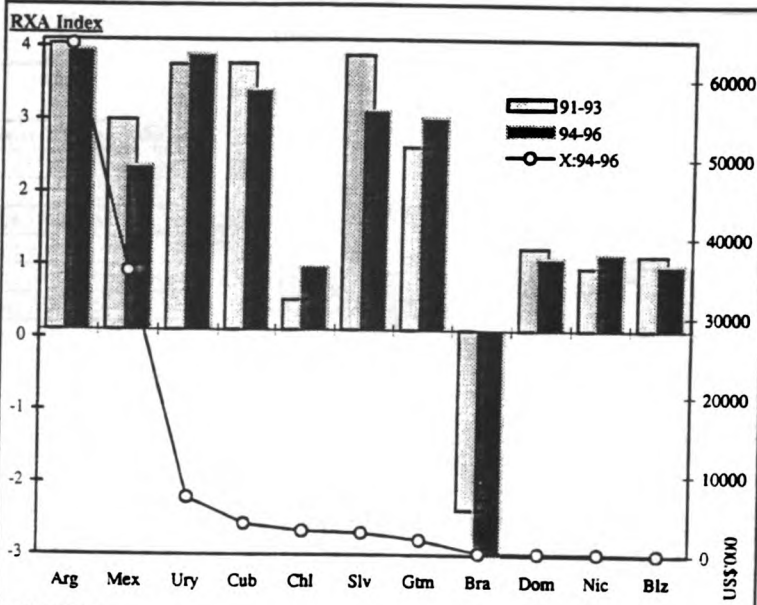


	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
Mex	0.296	1.017	101.224	39.024
Slv	2.403	1.790	7.346	7.214
Tto	0.762	1.031	5.162	890
Bhs	-0.805	-0.880	490	2.267
Dom	0.098	-0.185	480	9.933
Jam	-0.998	-2.014	140	2.130
Brb	-0.240	-0.865	77	971
Blz	-0.337	-1.082	43	550

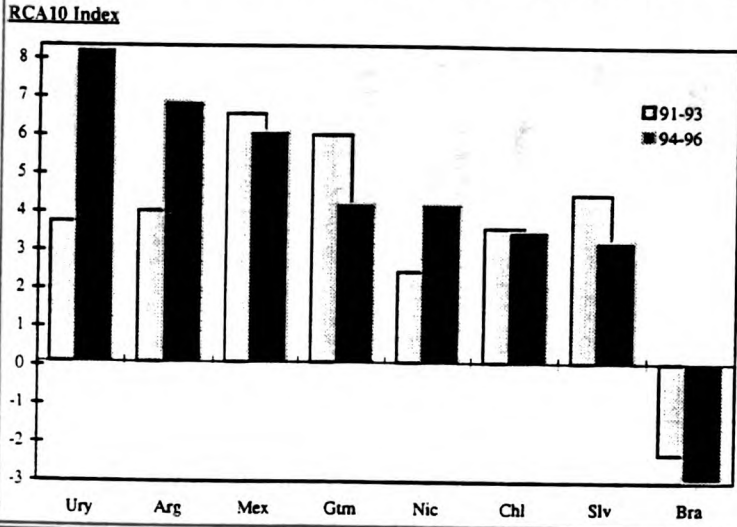
	RCA10 Index	
	91-93	94-96
Tto	1.529	1.395
Mex	-0.023	1.058
Slv	1.109	0.610
Bhs	-1.454	-1.440
Brb	-1.102	-1.458
Dom	-0.710	-1.727
Jam	-0.498	-2.120
Blz	-0.934	-2.150

**Other Major Competitors**

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Gum	9,979	7,354	2.422	2.414	1.357	1.210
Col	34,916	14,471	1.061	1.537	1.834	1.125
Arg	49,346	17,613	0.735	1.143	0.147	1.043
Bra	72,115	33,554	0.924	0.701	2.151	0.762
Chl	26,924	12,845	0.948	0.864	1.227	0.687
Ecu	18,110	7,552	0.149	1.680	1.686	0.655
Cri	8,236	7,412	1.053	1.479	0.301	0.335
Hnd	614	3,771	-0.622	-0.330	-0.912	-1.501
Ven	4,526	11,236	-1.186	-1.208	-0.976	-1.508
Ury	596	6,781	-0.073	-0.934	-0.805	-2.178



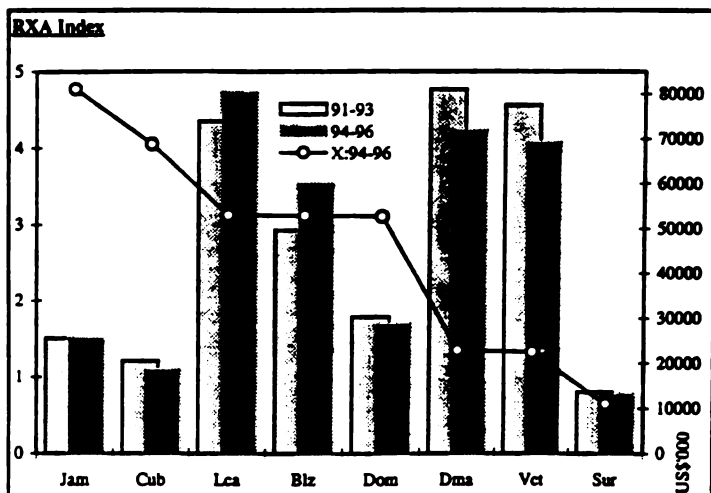
	RXA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
Arg	3.942	3.866	64,436	103
Mex	2.895	2.269	35,842	116
Ury	3.653	3.801	7,168	3
Cub	3.672	3.314	3,867	
Chl	0.413	0.879	2,949	98
Slv	3.784	3.034	2,742	227
Gtm	2.522	2.930	1,811	79
Bra	-2.485	-3.107	176	4,117
Dom	1.136	1.005	170	
Nic	0.863	1.059	133	4
Blz	1.033	0.911	34	



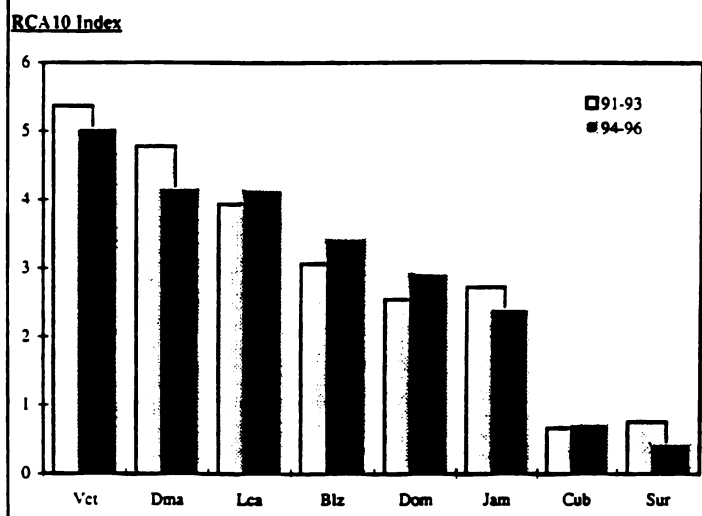
	RCA10 Index	
	91-93	94-96
Ury	3.653	8.169
Arg	3.942	6.793
Mex	6.476	6.024
Gtm	5.936	4.149
Nic	2.372	4.133
Chl	3.518	3.466
Slv	4.395	3.201
Bra	-2.371	-3.063



### Fruit and Vegetables



	RXA Index		Average, US\$'000	
			Exports	Imports
	91-93	94-96	X:94-96	1994-96
Jam	1.506	1.520	81,074	16,450
Cub	1.211	1.105	68,753	63,370
Lca	4.348	4.735	53,047	8,183
Blz	2.926	3.542	52,956	4,368
Dom	1.785	1.698	52,723	13,210
Dma	4.765	4.238	22,864	1,870
Vct	4.562	4.080	22,515	823
Sur	0.798	0.782	10,961	5,650



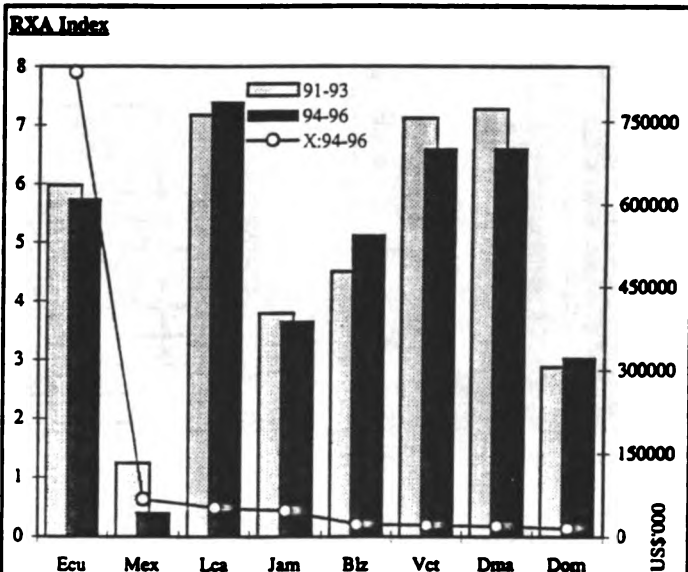
	RCA10 Index	
	91-93	94-96
Vct	5.371	5.042
Dma	4.781	4.162
Lca	3.935	4.147
Blz	3.072	3.435
Dom	2.550	2.920
Jam	2.728	2.413
Cub	0.671	0.726
Sur	0.767	0.443

### Other Major Competitors

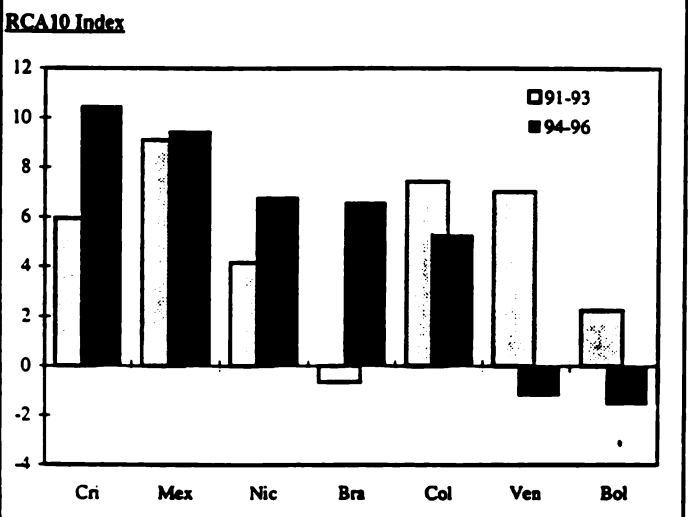
	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	94-96				
Pan	219.113	46.070	3.998	3.816	3.862	3.645
Cri	880.196	33.637	3.344	3.725	4.423	4.111
Ecu	392.410	27.005	2.985	2.922	4.776	3.668
Gtm	219.350	24.791	2.136	2.818	3.336	3.443
Grd	3.804	2.231	2.985	2.743	2.951	2.624
Hnd	168.740	14.347	3.775	2.566	4.877	3.101
Chl	1.371.356	76.094	2.114	2.015	3.396	3.106
Col	515.389	160.356	1.572	1.388	2.146	1.609
Nic	28.656	15.876	1.572	1.368	1.051	1.303
Mex	2.434.324	467.836	1.414	1.367	2.289	1.969
Hti	6.300	18.393	1.379	1.354	0.612	0.493
Arg	921.567	258.154	1.323	1.224	1.617	1.478

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	94-96				
Bra	1.559.535	842.366	0.925	0.921	1.039	0.788
Ury	63.857	52.522	0.691	0.883	0.900	0.624
Per	158.478	53.456	0.602	0.770	1.571	1.523
Bol	33.670	7.042	0.353	0.757	1.584	1.888
Atg	1.000	4.829	0.288	0.512	0.042	0.267
Brb	2.845	20.178	-0.581	-0.134	-1.075	-0.739
Bhs	10.102	44.614	-1.537	-0.738	-1.792	-1.253
Slv	10.101	37.071	-0.123	-0.783	0.054	-0.560
Pry	5.611	12.339	-0.574	-0.808	0.938	0.364
Tto	10.043	34.240	-1.438	-1.194	-1.893	-1.451
Ven	50.689	142.643	-1.375	-1.681	-0.974	-1.484
Guy	252	4.110	-3.130	-3.345	-2.253	-2.657

## Bananas



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
Ecu	5.981	5.750	839,473	..
Mex	1.243	0.414	66,837	9
Lca	7.172	7.402	51,848	..
Jam	3.788	3.661	46,456	..
Blz	4.497	5.125	21,868	..
Vct	7.114	6.608	20,187	..
Dma	7.269	6.617	18,981	..
Dom	2.877	3.044	14,134	..



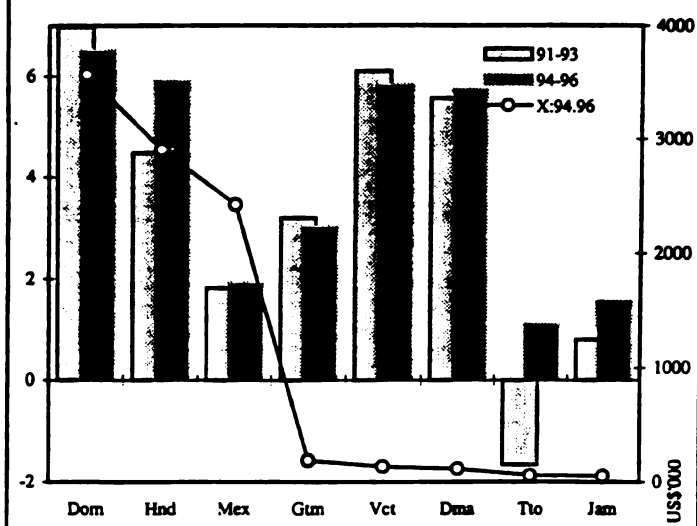
	RCA10 Index	
	91-93	94-96
Cri	5.944	10.473
Mex	9.114	9.477
Nic	4.160	6.800
Bra	-0.651	6.582
Col	7.433	5.292
Ven	7.030	-1.222
Bol	2.254	-1.574

### Other Major Competitors

	Average, US\$'000		RXA Index	
	Exports	Imports	Index	
	X:94-96	1994-96	91-93	94-96
Cri	623,674	55	5.944	6.073
Col	459,974	5,418	4.353	4.082
Pan	190,415	..	6.723	6.350
Gtm	136,287	..	4.475	4.999
Hnd	121,873	..	6.434	4.931
Nic	14,112	43	4.160	3.350
Sur	9,167	..	3.456	3.316
Bra	6,919	15	-0.651	-1.837
Grd	1,916	..	5.171	4.670

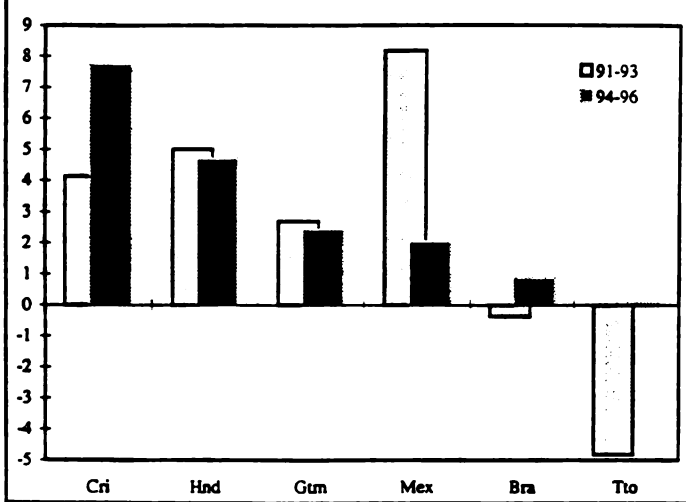
## Coconuts

**RXA Index**



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
			X:94-96	1994-96
Dom	6.973	6.518	3.567	..
Hnd	4.473	5.900	2.904	61
Mex	1.819	1.917	2.423	568
Gtm	3.189	3.027	187	63
Vct	6.095	5.825	132	..
Dma	5.558	5.736	113	..
Tto	-1.664	1.119	57	58
Jam	0.805	1.574	51	..

**RCA10 Index**



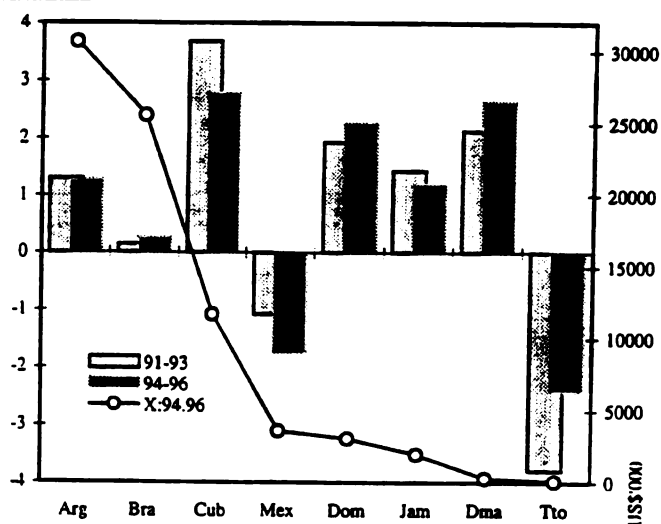
	RCA10 Index	
	91-93	94-96
Cri	4.133	7.741
Hnd	5.002	4.713
Gtm	2.701	2.444
Mex	8.191	2.048
Bra	-0.369	0.863
Tto	-4.817	0.071
Per	-0.739	0.007

### Other Major Competitors

	Average, US\$'000		RXA Index	
	Exports	Imports	91-93	94-96
	X:94-96	1994-96		
Cri	1,128	1	4.133	4.112
Ven	559	..	2.321	1.311
Bra	99	65	-0.369	-1.311
Per	58	117	-0.612	0.314

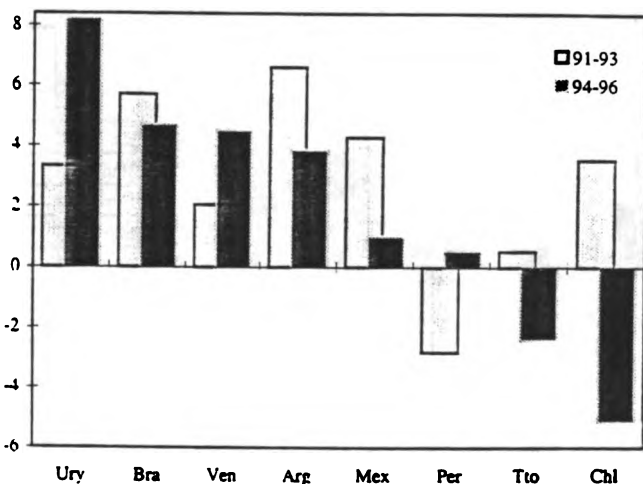
## Oranges

**RXA Index**



	RXA Index		Average. US\$'000	
	91-93	94-96	X:94.96	1994-96
Arg	1.299	1.269	30.685	812
Bra	0.148	0.256	25.570	285
Cub	3.684	2.792	11.667	..
Mex	-1.074	-1.755	3.569	1.742
Dom	1.927	2.264	3.037	..
Jam	1.432	1.204	1.916	..
Dma	2.133	2.630	275	..
Tto	-3.798	-2.412	91	..
Vct	-0.401	0.159	25	..

**RCA10 Index**



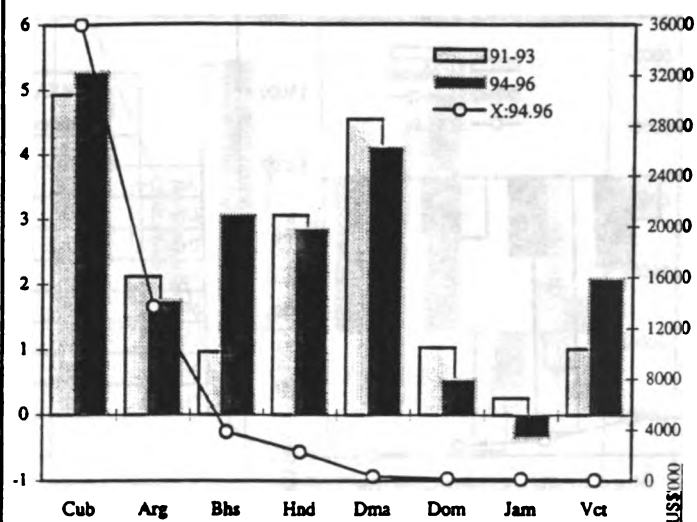
	RCA10 Index	
	91-93	94-96
Ury	3.329	8.257
Bra	5.708	4.719
Ven	2.066	4.520
Arg	6.623	3.875
Mex	4.281	1.030
Per	-2.829	0.566
Tto	0.530	-2.412
Chl	3.543	-5.135

**Other Major Competitors**

	RXA Index		Avg. Exp US\$'000
	91-93	94-96	94-96
Ury	3.329	3.616	30.075
Ven	-1.812	-1.191	2.527
Cri	..	-0.449	661
Hnd	0.486	-0.028	456
Per	-7.415	-3.326	83
Chl	-3.918	-5.135	37

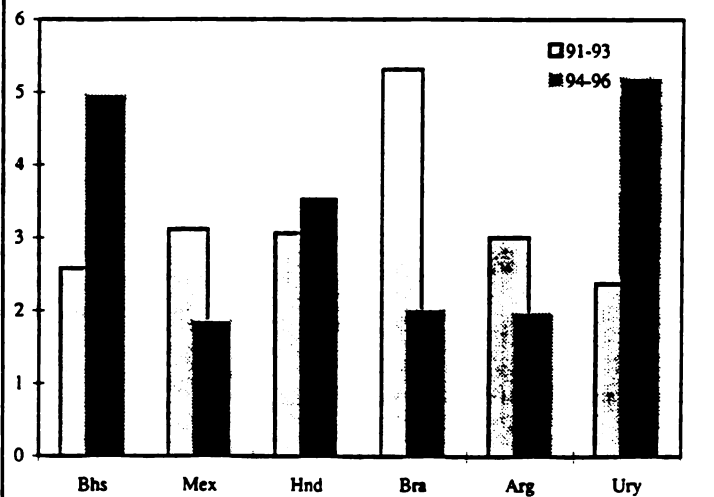
## Grapefruit & Pomelo

**RXA Index**



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
Cub	4.928	5.281	36.000	..
Arg	2.119	1.758	13.665	2.613
Bhs	0.966	3.076	3.833	40
Hnd	3.065	2.864	2.252	119
Dma	4.548	4.128	338	..
Dom	1.041	0.561	153	..
Jam	0.265	-0.339	113	..
Vct	1.020	2.102	48	..

**RCA10 Index**

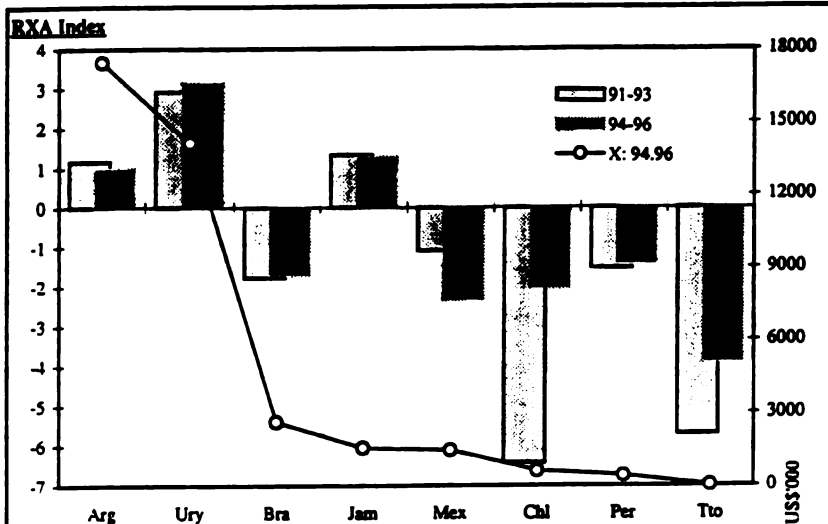


	RCA10 Index	
	91-93	94-96
Bhs	2.584	4.967
Mex	3.114	1.862
Hnd	3.065	3.564
Bra	5.31	2.023
Arg	3.009	1.981
Ury	2.375	5.204

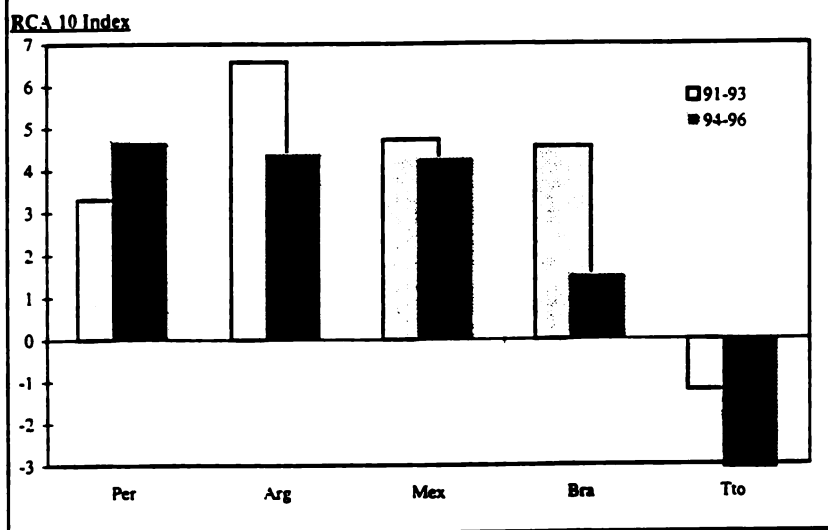
### Other Major Competitors

	Average, US\$'000		RXA Index	
	Exports	Imports	91-93	94-96
	X:94-96	1994-96		
Mex	3.258	751	-2.291	-0.552
Ury	2.278	22	2.375	2.301
Bra	306	54	-1.987	-2.892
Pry	60	..	-2.933	-0.572
Lca	16	..	2.807	-4.164

## Tangerine and Mandarines

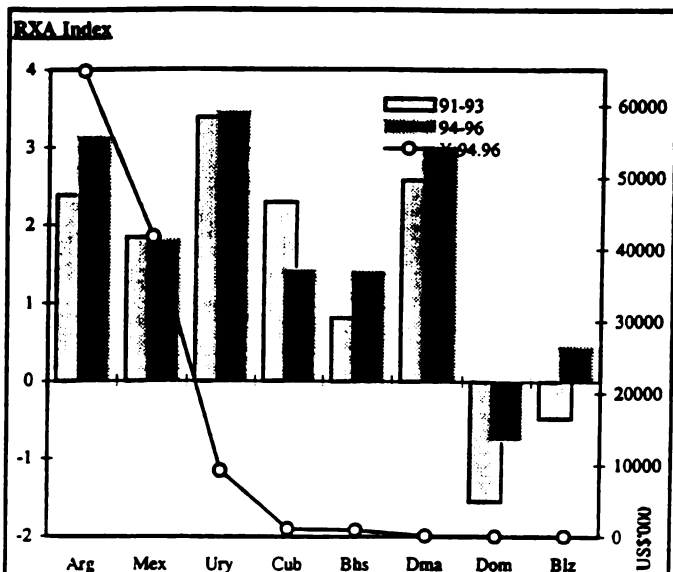


	RXA Index		Avg. Exp
	91-93	94-96	US\$'000
Arg	1.172	1.007	17.440
Ury	2.917	3.155	14.130
Bra	-1.778	-1.727	2.616
Jam	1.339	1.291	1.536
Mex	-1.088	-2.349	1.450
Chl	-6.430	-2.049	595
Per	-1.542	-1.446	400
Tto	-5.700	-3.906	15

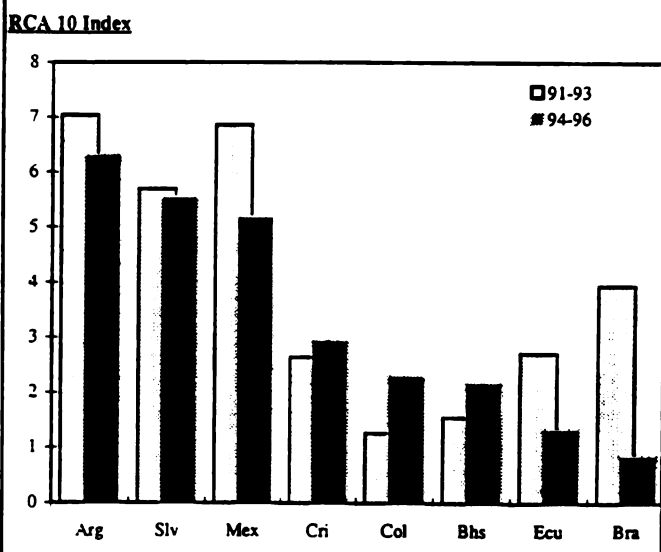


	RCA10 Index	
	91-93	94-96
Per	3.315	4.693
Arg	6.572	4.405
Mex	4.737	4.290
Bra	4.563	1.527
Tto	-1.228	-3.906

### Lemons and Limes



	RCA Index		Average. US\$'000	
			Exports	Imports
	91-93	94-96	X:94-96	1994-96
Arg	2.388	3.141	64.775	155
Mex	1.846	1.807	41.707	324
Ury	3.389	3.461	9.159	1
Cub	2.298	1.436	1.067	..
Bhs	0.810	1.412	933	138
Dma	2.583	3.013	142	..
Dom	-1.544	-0.762	52	..
Blz	-0.480	0.441	38	..

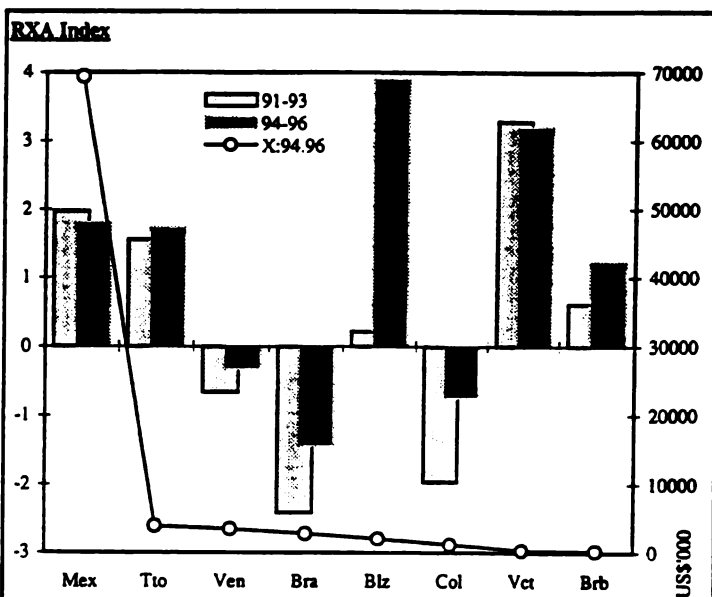


	RCA10 Index	
	91-93	94-96
Arg	7.036	6.316
Slv	5.694	5.550
Mex	6.859	5.187
Cri	2.644	2.947
Col	1.267	2.315
Bhs	1.556	2.189
Ecu	2.720	1.353
Bra	3.950	0.873

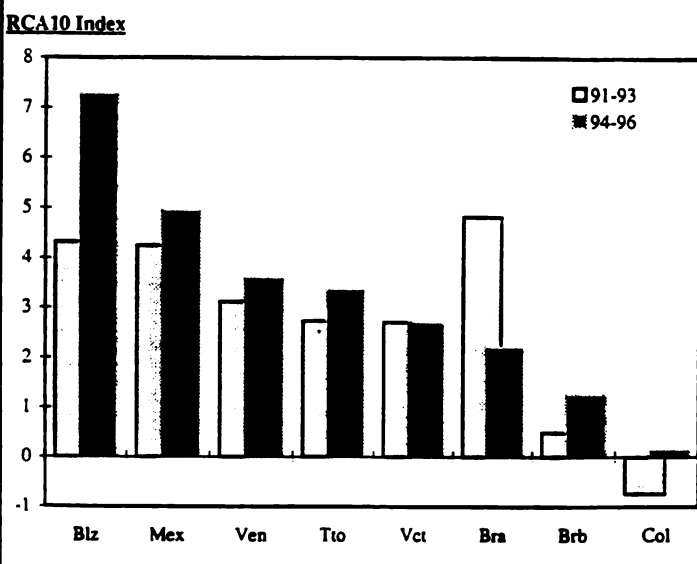
### Other Major Competitors

	Average. US\$'000		RCA Index		RCA10 Index	
	Exports	Imports				
	X:94-96	1994-96	91-93	94-96	91-93	94-96
Chl	2.797	6	-0.147	0.241	-0.147	6.274
Nic	134	2	-0.794	0.486	3.371	4.905
Gtm	303	20	-0.656	0.555	5.280	3.799
Pry	185	43	-3.538	0.311	0.462	2.635
Slv	713	6	1.686	1.098		
Ven	1,070	..	-0.205	-1.003		
Bra	1,016	503	-1.089	-1.934		
Col	313	47	-1.810	-1.544		
Ecu	250	62	-1.662	-0.965		
Cri	202	16	-0.039	-0.588		
Per	48	..	-4.137	-2.827		
Hnd	46	..	-0.754	1.276		

### Orange Juice - Single Strength



	RCA Index		Average, US\$'000	
	91-93	94-96	X:94-96	1994-96
	Mex	1.971	1.813	69,419
Tto	1.555	1.725	3,928	150
Ven	-0.663	-0.325	3,485	100
Bra	-2.412	-1.446	2,738	415
Blz	0.217	3.915	2,003	4
Col	-1.966	-0.745	1,151	2,393
Vct	3.287	3.215	307	103
Brb	0.617	1.232	200	318



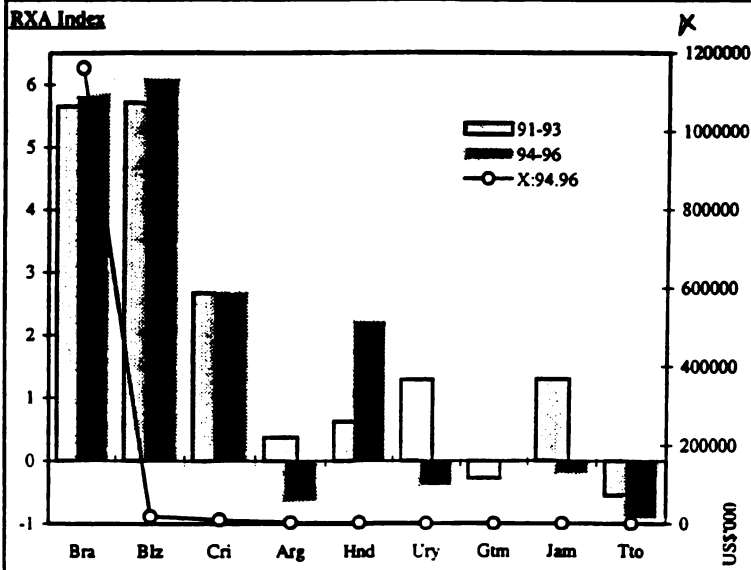
	RCA10 Index	
	91-93	94-96
Blz	4.322	7.271
Mex	4.254	4.944
Ven	3.123	3.599
Tto	2.736	3.368
Vct	2.706	2.710
Bra	4.822	2.215
Brb	0.490	1.255
Col	-0.746	0.144

### Other Major Competitors

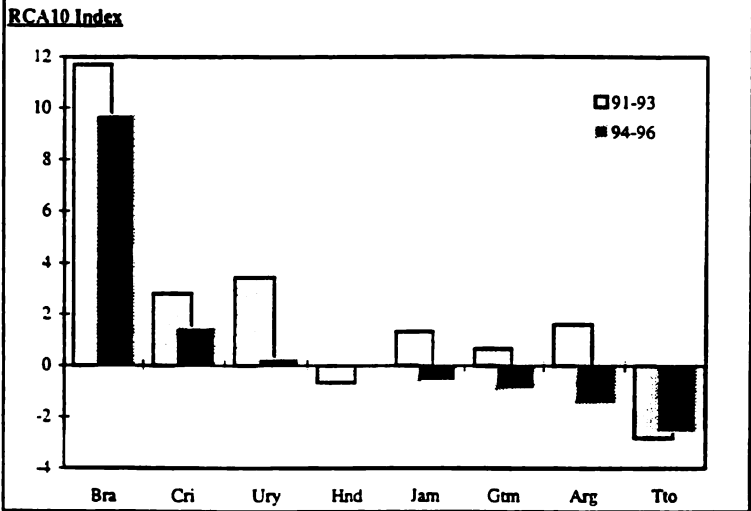
	Average, US\$'000		RCA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Ury	843	210	0.395	0.555	3.064	2.288
Pry	337	451	-	0.407	1.583	1.343
Arg	154	603	-3.549	-3.500	-0.337	-0.722
Chl	926	3,775	-1.234	-1.372	-0.083	-0.824
Jam	11	108	-1.585	-3.146	1.890	-1.041
Ecu	109	599	-1.535	-2.300	0.819	-1.289



## Orange Juice Concentrate

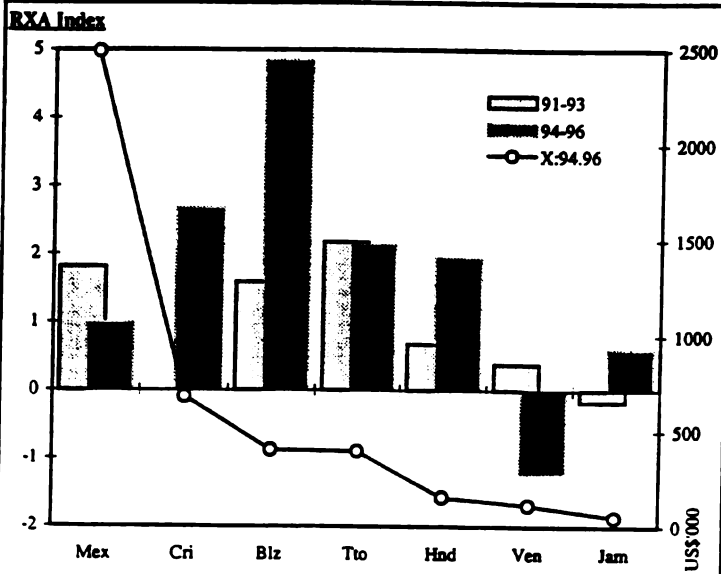


	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
	91-93	94-96	X:94.96	1994-96
Bra	5.656	5.835	1.161.577	144
Blz	5.712	6.087	19.264	..
Cri	2.672	2.684	10.849	1.563
Arg	0.371	-0.634	3.355	6.919
Hnd	0.625	2.227	3.131	2.177
Ury	1.295	-0.392	407	197
Gtm	-0.273	-0.003	357	1.055
Jam	1.304	-0.194	343	56
Tto	-0.551	-0.904	297	1.333

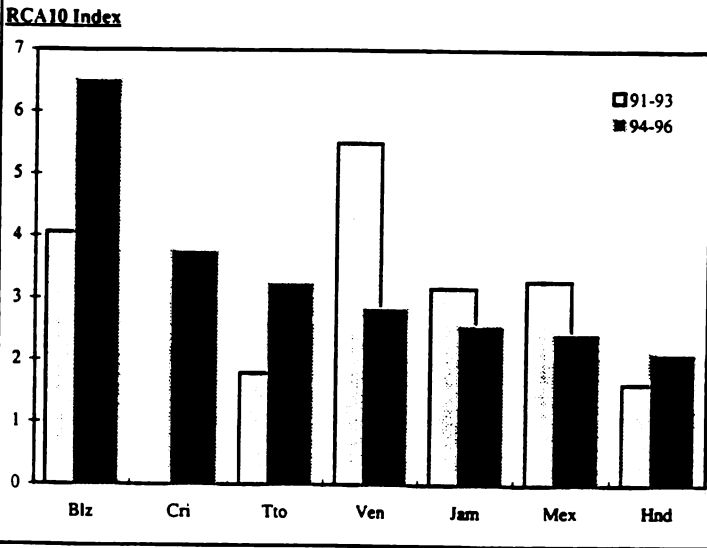


	RCA10 Index	
	91-93	94-96
Bra	11.702	9.730
Cri	2.813	1.472
Ury	3.429	0.280
Hnd	-0.666	-0.022
Jam	1.323	-0.583
Gtm	0.652	-0.889
Arg	1.595	-1.430
Tto	-2.814	-2.572

**Grapefruit Juice Single Strength**



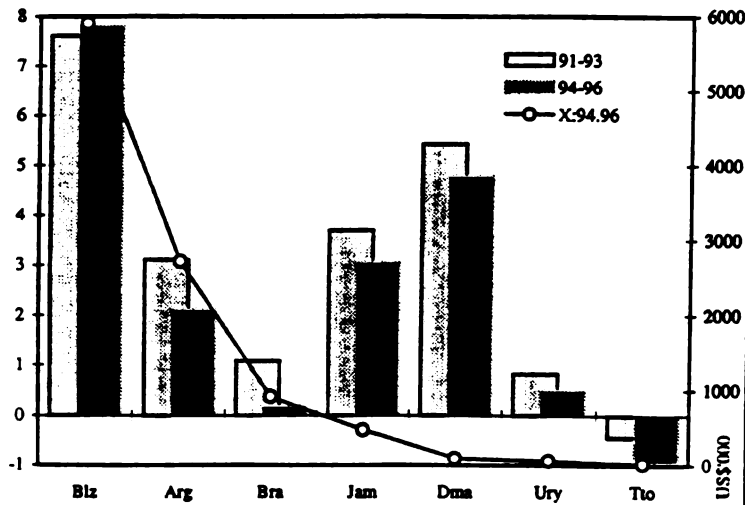
	RCA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
Mex	1.818	0.996	2,493	535
Cri	-	2.671	680	45
Blz	1.591	4.842	401	2
Tto	2.175	2.146	395	24
Hnd	0.677	1.953	151	55
Ven	0.386	-	112	8
Jam	-	0.167	48	15



	RCA10 Index	
	91-93	94-96
Blz	4.063	6.514
Cri	-	3.757
Tto	1.792	3.245
Ven	5.499	2.851
Jam	3.169	2.573
Mex	3.285	2.457
Hnd	1.631	2.134

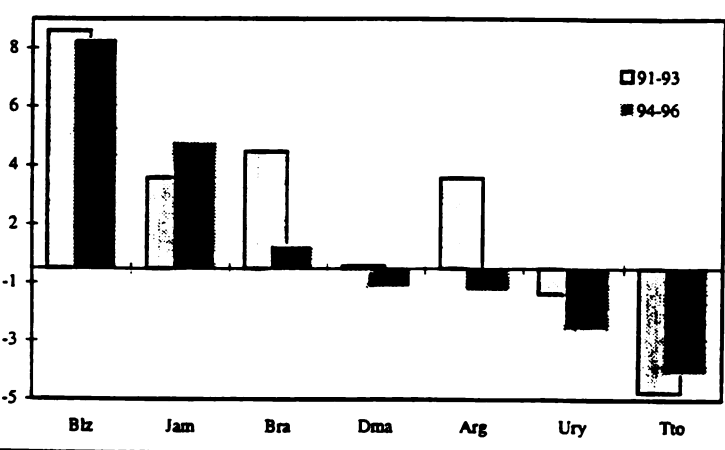
**Grapefruit Juice - Concentrate**

**RXA Index**



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
			X:94-96	1994-96
Blz	7.612	7.819	5.905	..
Arg	3.106	2.129	2.719	1.931
Bra	1.090	0.189	914	142
Jam	3.704	3.066	469	4
Dma	5.430	4.787	91	137
Ury	0.829	0.511	53	184
Tto	-0.446	-0.948	15	126

**RCA10 Index**



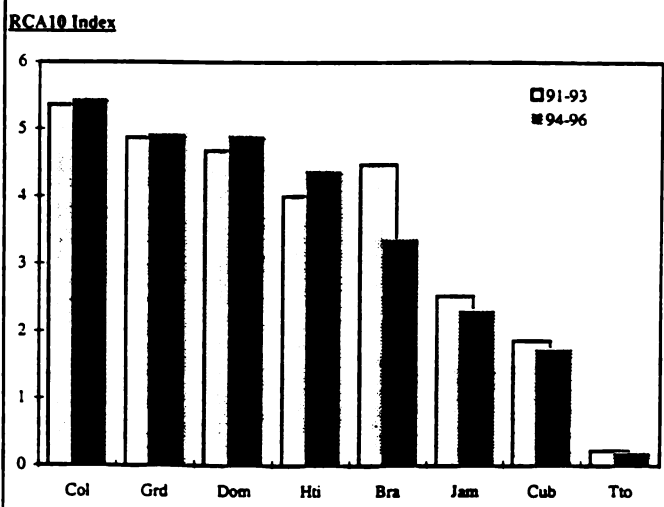
	RCA10 Index	
	91-93	94-96
Blz	8.093	7.819
Jam	3.102	4.303
Bra	3.997	0.784
Dma	0.103	-0.650
Arg	3.090	-0.767
Ury	-0.878	-2.065
Tto	-4.254	-3.569

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### Coffee, Cocoa, Tea and Spices



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
	X:94-96			
Bra	2.281	2.383	2,743,018	118,415
Col	3.780	3.745	1,946,544	15,551
Dom	3.174	3.549	132,727	4,905
Jam	1.488	1.442	34,937	7,040
Hti	3.116	3.373	18,950	1,233
Cub	0.747	0.503	17,467	5,393
Tto	-0.160	-0.361	10,380	6,479
Grd	4.385	4.294	6,705	446



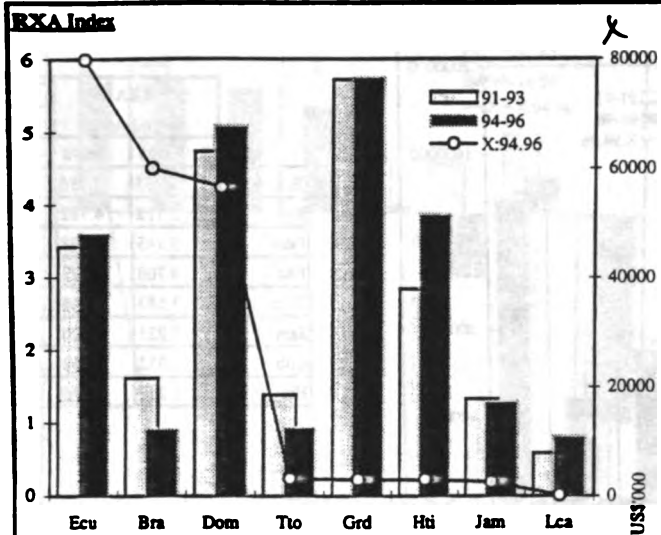
	RCA10 Index	
	91-93	94-96
Col	5.365	5.458
Grd	4.878	4.945
Dom	4.687	4.911
Hti	4.013	4.394
Bra	4.478	3.380
Jam	2.531	2.333
Cub	1.867	1.754
Tto	0.224	0.209

### Other Major Competitors

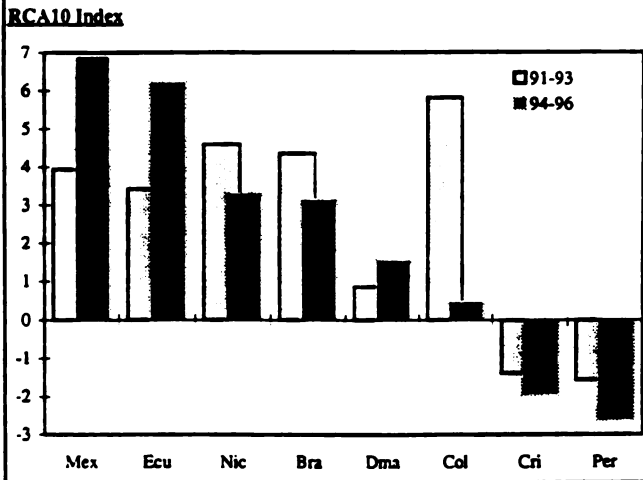
	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96					
Gtm	486,743	6,365	4.032	4.768	5.411	5.905
Hnd	257,426	2,299	3.574	3.896	5.162	5.416
Nic	109,541	1,815	3.532	3.683	4.093	4.947
Slv	328,195	7,899	4.378	3.737	5.328	4.662
Cri	399,147	10,851	3.095	3.458	4.462	4.128
Ecu	406,656	12,840	2.515	2.803	4.237	3.441
Per	203,842	18,583	1.468	1.835	2.576	2.795

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96					
Pan	23,405	10,125	1.628	1.924	1.956	2.428
Mex	734,423	140,812	0.886	0.919	1.738	1.876
Ven	38,763	11,739	-0.895	-1.149	1.290	0.704
Pry	2,991	12,220	0.316	-0.640	1.261	-0.313
Chl	47,034	85,130	-0.767	-0.673	-0.719	-0.551
Arg	106,613	213,681	-0.242	-0.184	-0.651	-0.596
Ury	1,330	52,826	-1.598	-2.222	-2.692	-3.342

### Cocoa Beans



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
			X:94.96	1994-96
Ecu	3.419	3.605	79,818	159
Bra	1.616	0.922	59,994	3,074
Dom	4.732	5.086	56,490	..
Tto	1.391	0.946	3,180	..
Grd	5.717	5.754	3,001	..
Hti	2.843	3.871	2,983	..
Jam	1.336	1.304	2,582	..
Lca	0.590	0.822	103	..

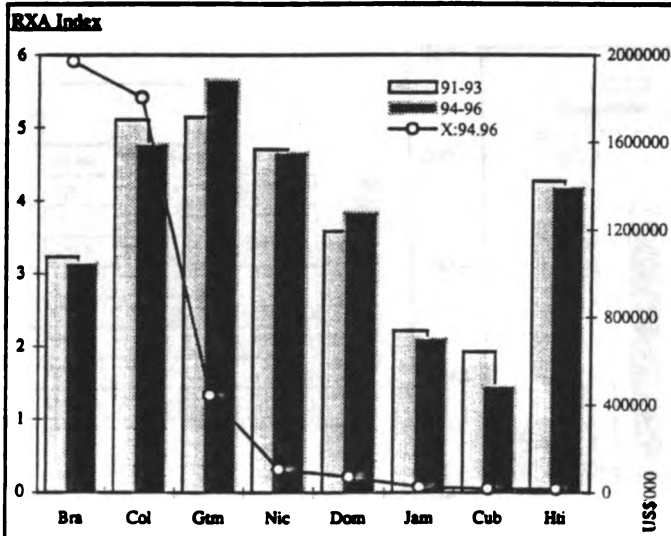


	RCA10 Index	
	91-93	94-96
Mex	3.939	5.917
Ecu	3.419	6.216
Nic	4.577	3.314
Bra	4.343	3.153
Dma	0.869	1.556
Col	5.815	0.486
Cri	-1.391	-1.943
Per	-1.561	-2.609

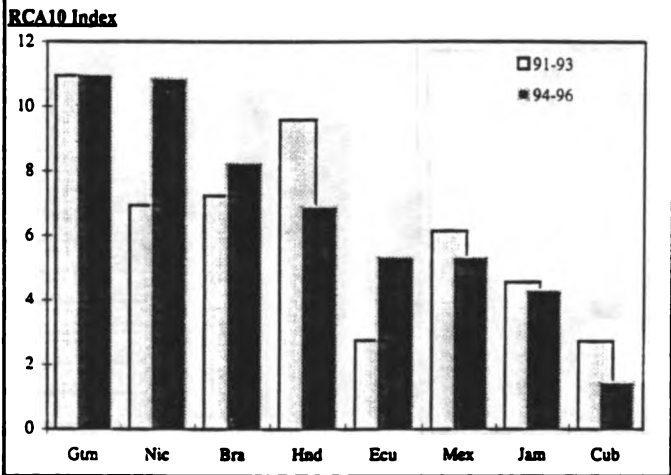
### Other Major Competitors

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94.96	1994-96				
Bol	364	1	-0.309	-0.508	-0.309	6.210
Blz	54	1	0.490	-0.453	0.490	4.562
Gtm	195	9	-0.903	-1.131	5.642	4.147
Pan	374	373	-0.124	0.237	-0.124	1.624
Tto					7.512	0.946
Hnd	1169	..	1.414	0.716	7.897	0.716
Ven	8,563	..	0.365	-0.167	6.365	-0.167
Col	2,592	2,399	0.538	-0.674		
Cri	504	5,235	-1.513	-0.919		
Mex	10,071	13	-0.148	-0.914		
Nic	69	5	0.720	-1.424		
Per	99	2,058	-2.411	-3.349		

**Coffee - Green**



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
	X:94.96	1994-96		
Bra	3.233	3.156	1.969.050	743
Col	5.112	4.782	1.802.498	..
Gtm	5.145	5.658	443.333	37
Nic	4.708	4.672	106.191	5
Dom	3.583	3.848	70.846	..
Jam	2.221	2.120	24.916	729
Cub	1.932	1.462	16.400	..
Hti	4.268	4.196	15.967	..

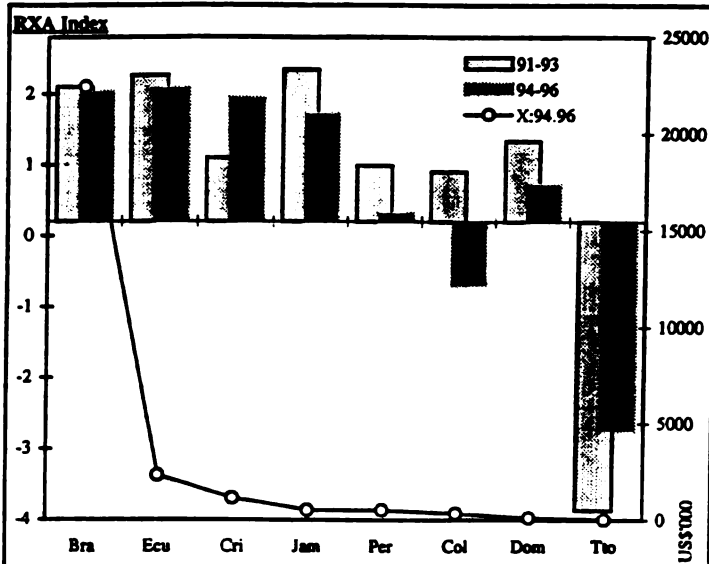


	RCA10 Index	
	91-93	94-96
Gtm	10.952	10.987
Nic	6.945	10.875
Bra	7.239	8.273
Hnd	9.591	6.915
Ecu	2.758	5.342
Mex	6.148	5.341
Jam	4.556	4.324
Cub	2.727	1.462

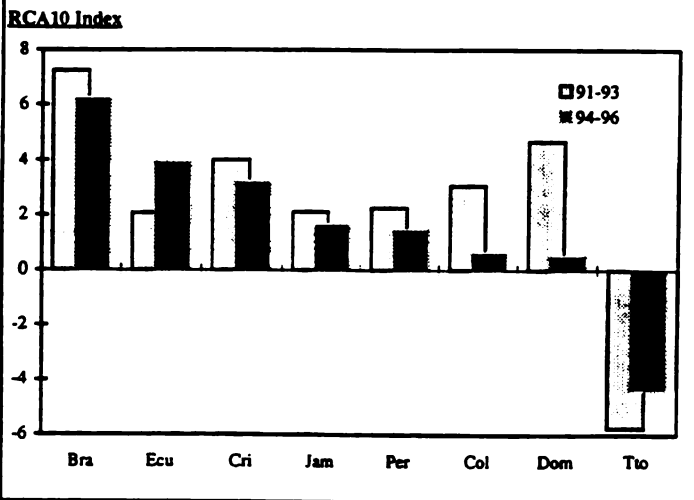
**Other Major Competitors**

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94.96	1994-96				
Cri	369.712	2	4.297	4.410	4.297	12.725
Per	184.300	6	2.515	2.762	9.595	10.806
Slv	324.364	46	5.626	4.763	9.115	9.879
Pan	21.429	7	2.741	2.855	7.589	9.683
Ven	25.455	4	-0.214	-0.547	-0.214	8.334
Tto	74	9	-2.494	-4.287	4.760	1.908
Bol	16.079	..	1.459	1.825	1.459	1.825
Pry	1.067	2.331	0.981	-0.651	3.673	0.380
Ecu	226.671	1.103	2.758	3.203		
Hnd	253.771	546	4.807	4.914		
Mex	635.435	4.225	1.953	1.829		

### Cocoa Powder and Cake



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
			X:94-96	1994-96
Bra	1.904	1.840	22.427	57
Ecu	2.063	1.888	2.314	47
Cri	0.898	1.744	1.113	72
Jam	2.144	1.539	505	223
Per	0.795	0.132	496	188
Col	0.709	-0.896	321	271
Dom	1.138	0.544	103	..
Tto	-4.066	-2.951	10	707

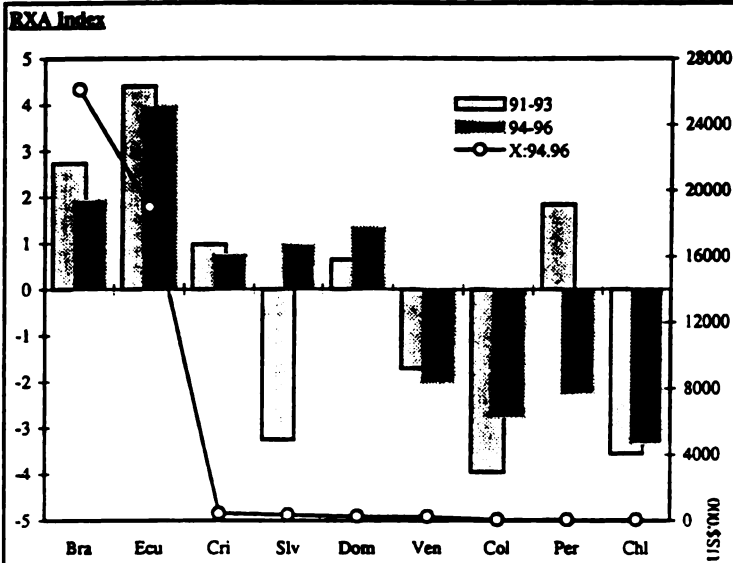


	RCA10 Index	
	91-93	94-96
Bra	7.244	6.275
Ecu	2.063	3.933
Cri	4.007	3.225
Jam	2.117	1.678
Per	2.259	1.481
Col	3.069	0.661
Dom	4.672	0.544
Tto	-5.752	-4.371

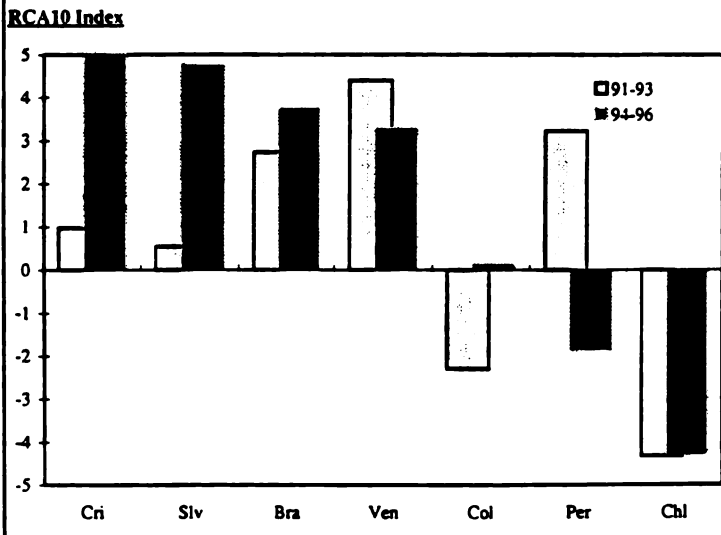
### Other Major Competitors

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	94-96	94-96				
Bol	37	170	0.543	-0.927	0.977	-1.129
Gtm	13	330	-2.208	-1.972	-2.352	-2.081
Ven	12	216	-2.035	-4.873	0.804	-3.231
Mex	149	11,361	-2.689	-3.264	-2.949	-4.014

## Cocoa Paste



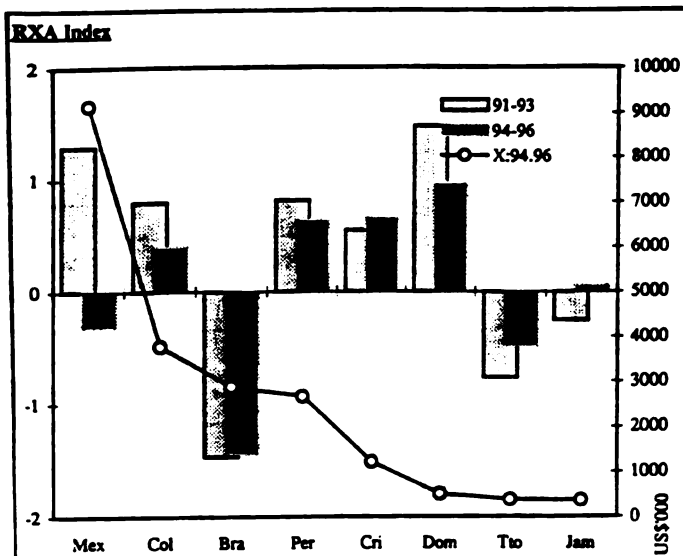
	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
Bra	2.734	1.939	26.122	698
Ecu	4.402	3.979	19.016	..
Cri	0.976	0.774	449	4
Slv	-3.240	0.969	357	6
Dom	0.648	1.344	243	..
Ven	-1.702	-2.005	224	5
Col	-3.948	-2.757	53	64
Per	1.844	-2.244	49	454
Chl	-3.545	-3.330	45	3.487



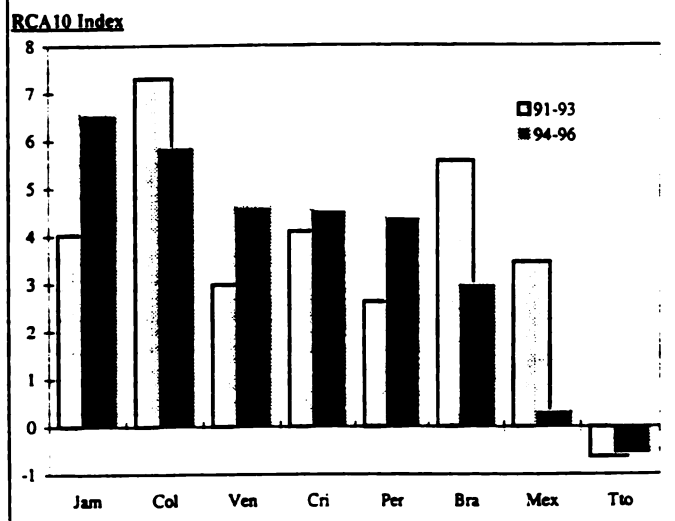
	RCA10 Index	
	91-93	94-96
Cri	0.976	5.048
Slv	0.546	4.772
Bra	2.734	3.769
Ven	4.403	3.305
Col	-2.298	0.145
Per	3.223	-1.876
Chl	-4.331	-4.318



### Coffee - Roasted



	RXA Index		Average, US\$'000	
			Exports	Imports
	91-93	94-96	X:94-96	1994-96
Mex	1.293	-0.313	9,155	7,360
Col	0.796	0.398	3,776	14
Bra	-1.468	-1.444	2,878	146
Per	0.814	0.640	2,663	44
Cri	0.547	0.657	1,217	17
Dom	1.480	0.967	508	..
Tto	-0.764	-0.487	380	487
Jam	-0.257	0.053	370	1

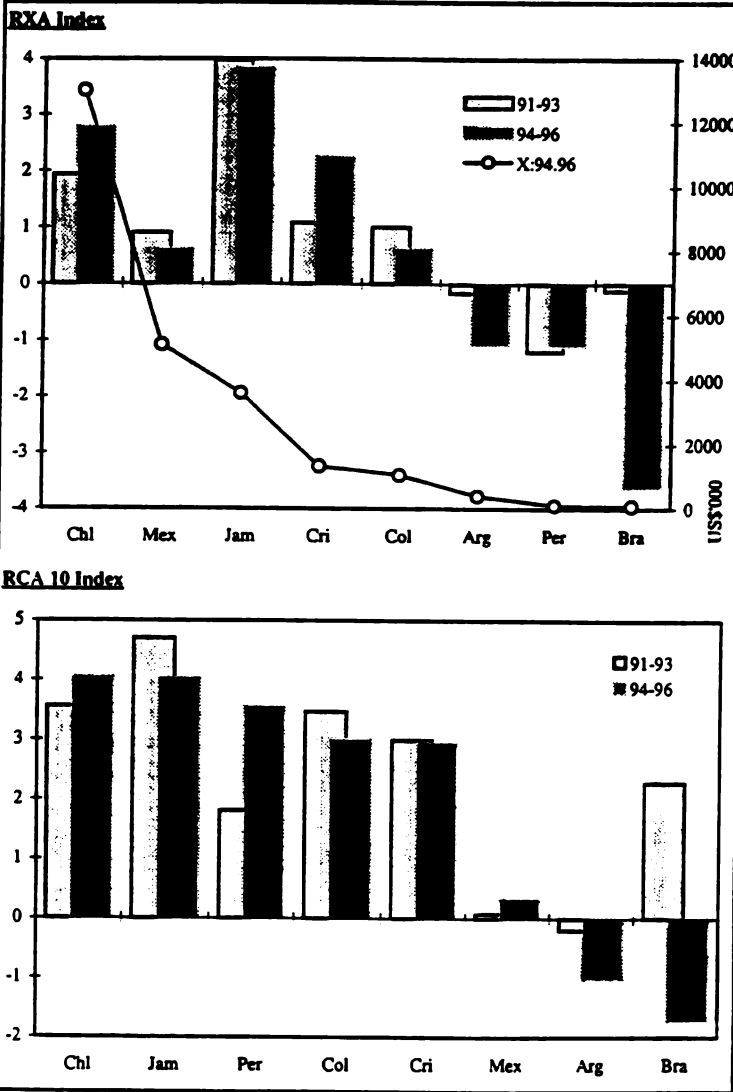


	RCA10 Index	
	91-93	94-96
Jam	4.022	6.546
Col	7.303	5.865
Ven	2.984	4.594
Cri	4.096	4.529
Per	2.626	4.388
Bra	5.577	2.997
Mex	3.461	0.335
Tto	-0.636	-0.587

### Other Major Competitors

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports				
	X:94-96	1994-96	91-93	94-96	91-93	94-96
Bol	100	5	0.315	-1.106	1.264	3.165
Ecu	1,184	451	2.189	0.039	6.705	0.769
Slv	431	1,006	2.167	0.042	3.488	-0.231
Arg	104	259	-3.998	-3.940	-0.461	-0.881
Ven	2,088	12	-1.248	-0.886		

**Pimento Allspice**

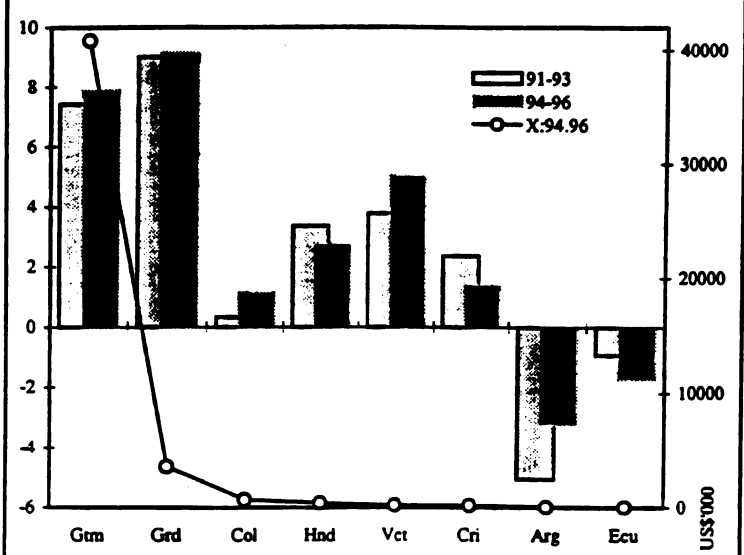


	RXA Index		Average, US\$'000	
	91-93	94-96	X:94.96	1994-96
Chl	1.943	2.788	13,011	295
Mex	0.908	0.631	5,104	5,259
Jam	3.971	3.858	3,593	155
Cri	1.077	2.264	1,326	114
Col	1.004	0.635	1,050	87
Arg	-0.163	-1.084	396	1,462
Per	-1.206	-1.098	103	5
Bra	-0.122	-3.617	72	535

	RCA10 Index	
	91-93	94-96
Chl	3.560	4.062
Jam	4.703	4.047
Per	1.812	3.565
Col	3.472	3.015
Cri	2.994	2.973
Mex	0.082	0.347
Arg	-0.195	-1.020
Bra	2.289	-1.736

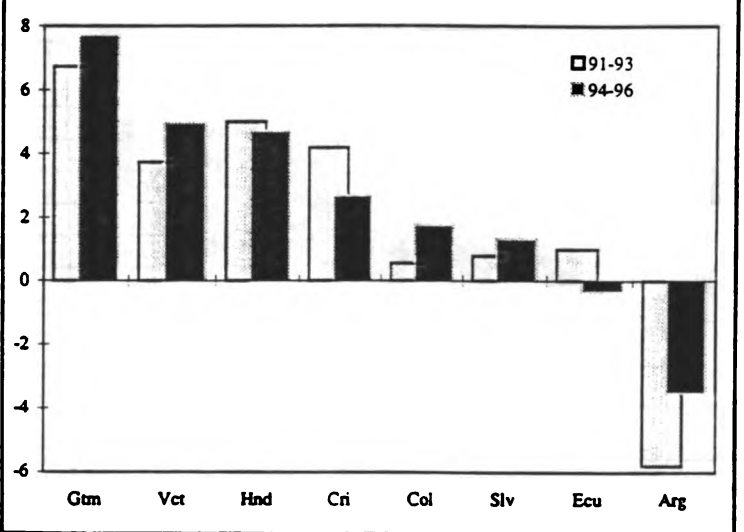
Nutmeg, Mace and Cardamon

RXA Index



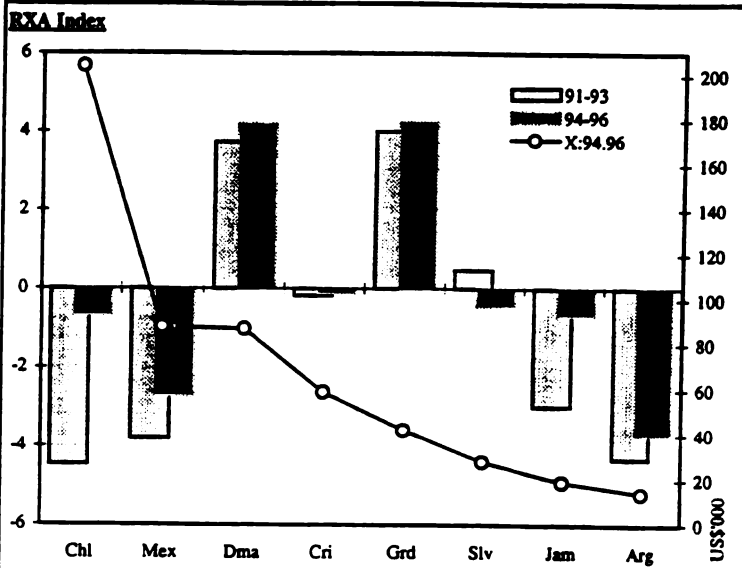
	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
			X:94.96	94-96
Gtm	7.416	7.873	40.832	92
Grd	9.006	9.154	3.582	..
Col	0.323	1.145	676	186
Hnd	3.362	2.763	384	6
Vct	3.776	5.040	170	4
Cri	2.366	1.412	168	18
Arg	-5.065	-3.229	18	759
Ecu	-0.939	-1.741	17	24

RCA 10 Index

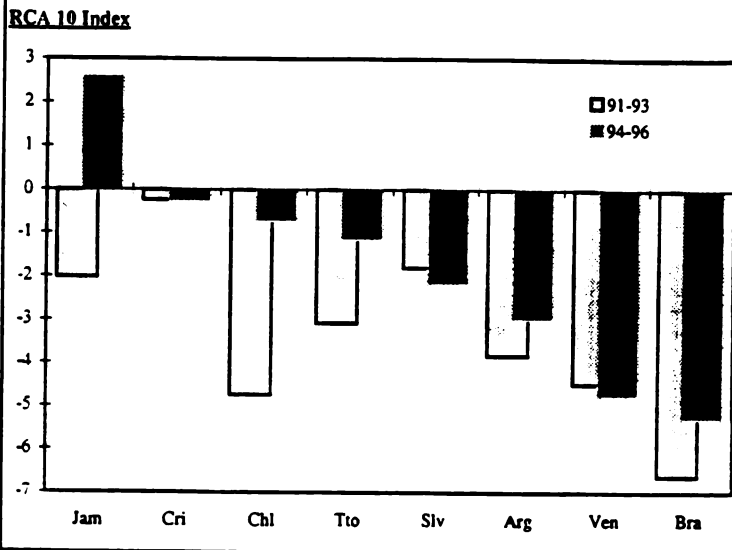


	RCA10 Index	
	91-93	94-96
Gtm	6.730	7.725
Vct	3.733	4.957
Hnd	4.991	4.709
Cri	4.186	2.694
Col	0.552	1.761
Slv	0.781	1.330
Ecu	0.989	-0.340
Arg	-5.800	-3.514

**Cinnamon**



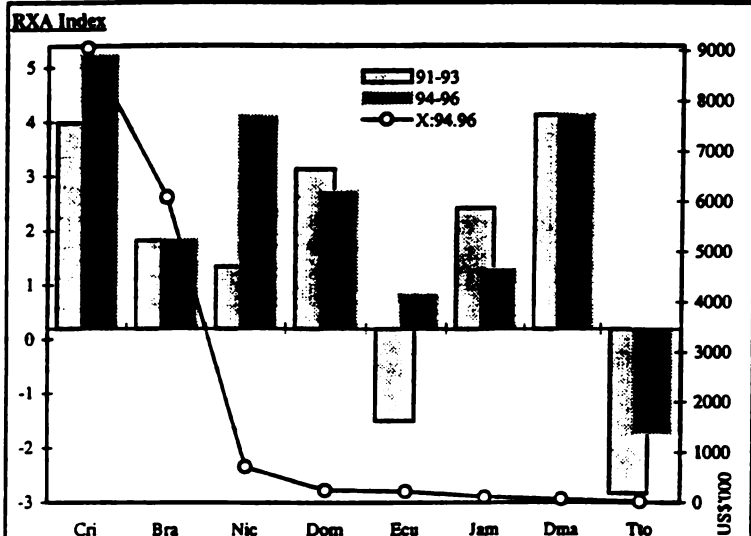
	RXA Index		Average, US\$'000	
	91-93	94-96	X:94-96	94-96
Chl	-4.462	-0.695	204	468
Mex	-3.801	-2.728	88	19.962
Dma	3.727	4.207	87	..
Cri	-0.192	-0.134	59	114
Grd	4.003	4.262	42	..
Slv	0.465	-0.456	28	518
Jam	-2.986	-0.680	19	3
Arg	-4.324	-3.709	14	326



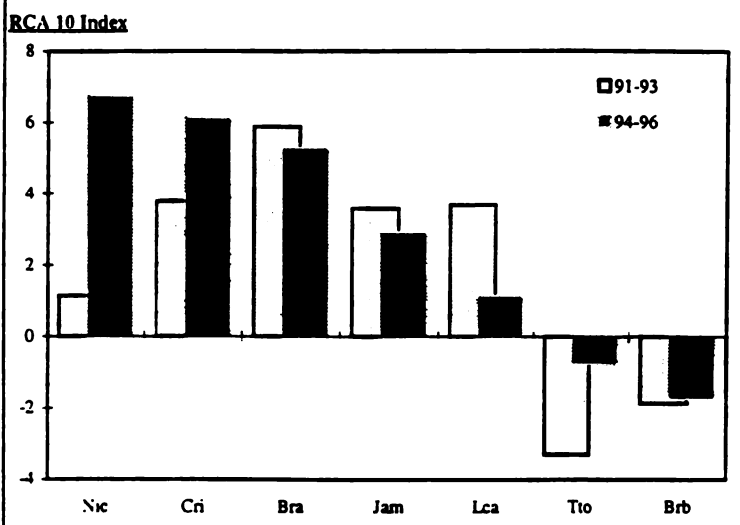
	RCA10 Index	
	91-93	94-96
Jam	-2.029	2.613
Cri	-0.247	-0.268
Chl	-4.744	-0.727
Tto	-3.082	-1.159
Slv	-1.803	-2.170
Arg	-3.835	-2.984
Ven	-4.496	-4.759
Bra	-6.623	-5.290

	Average, US\$'000	
	Exports	Imports
	X:94-96	94-96
Bra	9	2045
Tto	5	13
Ven	10	753

## Ginger



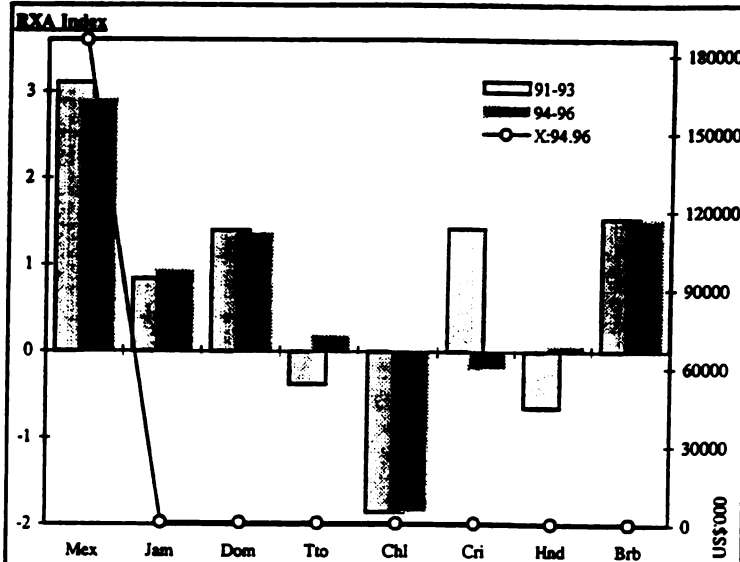
	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
			X:94-96	94-96
Cri	3.789	5.040	9.059	38
Bra	1.618	1.649	6.070	45
Nic	1.134	3.897	702	2
Dom	2.928	2.527	242	..
Ecu	-1.701	0.639	216	..
Jam	2.215	1.113	107	15
Dma	3.925	3.931	62	..
Tto	-3.031	-1.930	9	19



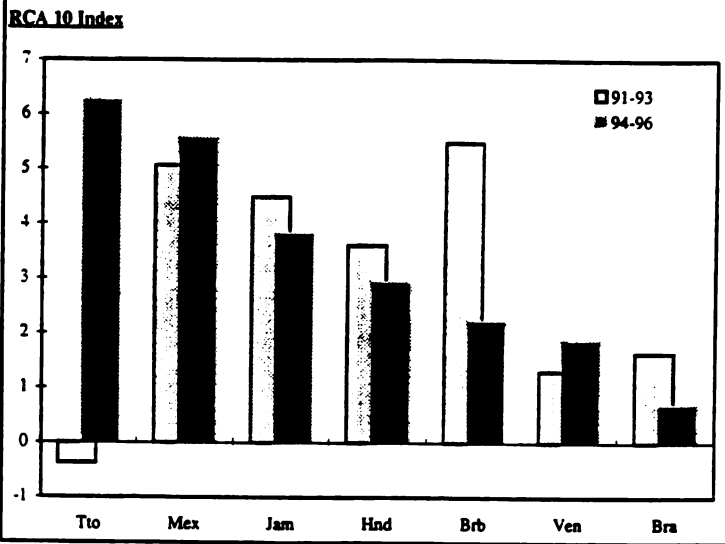
	RCA10 Index	
	91-93	94-96
Nic	1.134	6.738
Cri	3.789	6.132
Bra	5.883	5.291
Jam	3.585	2.922
Lca	3.684	1.134
Tto	-3.309	-0.761
Brb	-1.876	-1.747

	Average, US\$'000	
	Exports	Imports
	X:94-96	94-96
Lca	2	3
Brb	2	48

### Chilli Peppers (Green)

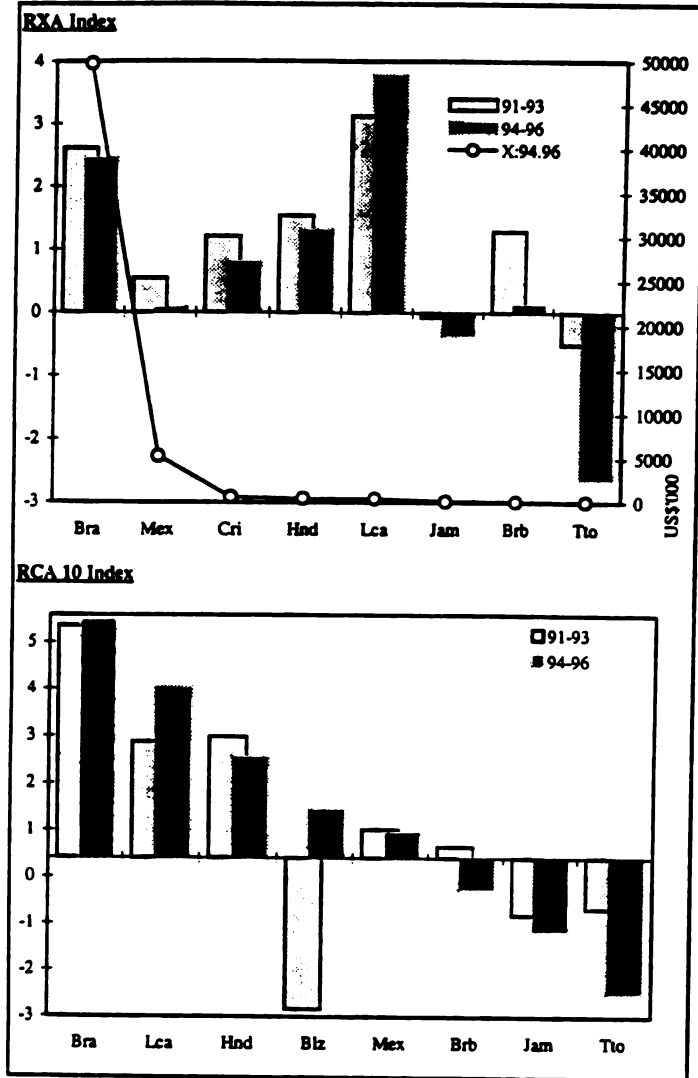


	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
			X:94-96	94-96
Mex	3.104	2.908	185,940	972
Jam	0.833	0.929	846	36
Dom	1.396	1.374	727	..
Tto	-0.379	0.183	707	1
Chl	-1.853	-1.849	574	..
Cri	1.415	-0.194	495	1
Hnd	-0.652	0.056	288	22
Brb	1.533	1.515	265	89
Bra	-3.934	-4.345	151	78
Ven	-3.240	-3.585	134	12



	RCA10 Index	
	91-93	94-96
Tto	-0.379	6.261
Mex	5.067	5.574
Jam	4.483	3.827
Hnd	3.604	2.954
Brb	5.480	2.235
Ven	1.318	1.883
Bra	1.646	0.712

**Pepper - White, Long and Black**



	RXA Index		Average, US\$'000	
	91-93	94-96	Exports	Imports
	X:94.96	94-96		
Bra	2.617	2.467	49.751	372
Mex	0.546	0.085	5.221	3,585
Cri	1.208	0.819	550	191
Hnd	1.545	1.327	414	73
Lca	3.124	3.787	382	37
Jam	-0.065	-0.362	94	912
Brb	1.295	0.138	27	173
Tto	-0.505	-2.638	17	238

	RCA10 Index	
	91-93	94-96
Bra	4.967	5.099
Lca	2.478	3.637
Hnd	2.583	2.164
Blz	-3.236	1.060
Mex	0.623	0.578
Brb	0.253	-0.668
Jam	-1.218	-1.560
Tto	-1.084	-2.895

**Other Major Competitors**

	Average, US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94.96	94-96				
Cri					3.043	-1.398
Gtm	290	267	1.076	0.916	1.449	-1.092
Slv	72	245	0.099	-0.791	-1.060	-0.525
Ecu	71	207	-3.653	-1.820	-3.184	-1.184
Col	165	922	-2.180	-1.779	-1.940	-1.375
Per	104	1,375	-2.468	-1.650	-3.155	-2.220
Chl	25	562	-4.144	-4.076	-3.099	-3.060
Ven	39	603	-4.354	-3.912	-3.384	-3.224
Arg	44	4,510	-3.901	-3.844	-4.779	-4.524
Blz	64	37	-2.353	1.367		

## II. Non-Traditional Products

The estimates are presented for avocado, mango, papaya, water melon and pineapple. These fruits have constituted the centre-piece of the agricultural diversification programmes for virtually all Caribbean countries. As was to be expected, these countries tend to be net-exporters of these commodities, with either very limited, or no imports. Consequently, in most instances, only estimates of relative export advantage were computed. In spite of the relatively low annual average export earnings, the trade performance, as proxied by the RXA Index, was generally positive and high. This suggests, that all other things being equal, these commodities are likely to continue to perform favourably in a liberalised environment.

Jamaica, and to a lesser extent, the Dominican Republic and Dominica appear to be the highest avocado exporters of the Caribbean. These countries also possess a one-way trade in avocado, thus explaining the absence of RCA10 estimates. However, the relative size of their avocado exports pale in comparison to avocado exports from Mexico, which is the largest supplier of the US market in the hemisphere.

The analysis for mango reflects that of avocados. Haiti, however, is the Caribbean's largest mango exporter, mainly to the US market. As indicated, Haiti possessed the highest relative export advantage among the countries represented. The slight decline in the

RXA index in the 1994-1996 period may be indicative of increased competition in the export market and in the country's domestic input market.

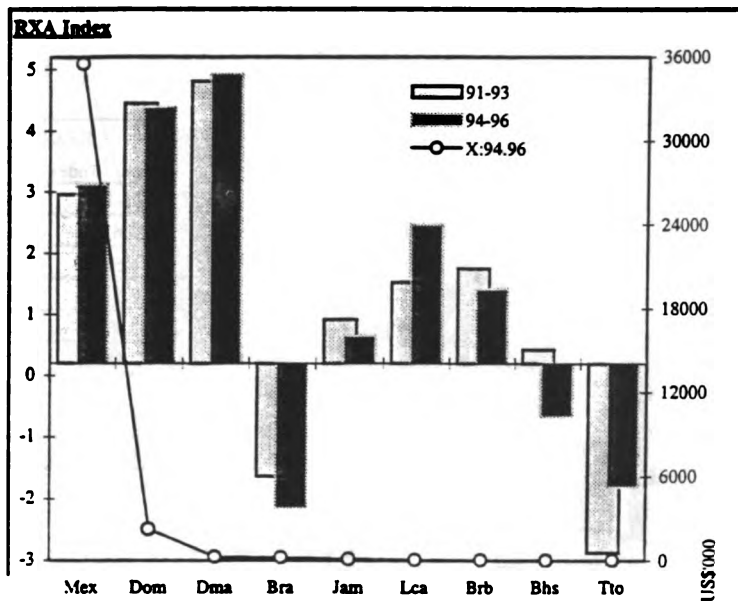
For papayas and watermelons, the RXA estimates clearly differentiate between those countries with competitive advantages and with competitive disadvantages. Since the countries represented have virtually no imports of papayas and watermelons, the negative indices raise questions regarding the status of papaya and watermelon production and exports in the respective countries.

In spite of the relatively low value of the RXA index, Mexico and Brazil appear to have a high competitive advantage in pineapple. This suggests that their level of pineapple exports far exceeded imports. The significant increase in revealed competitiveness for pineapple in Brazil was due largely to the country's relatively low level of imports of the commodity (averaging less than one-half percent of the value of exports for the same period). St. Lucia appeared to have made some progress in pineapple exports in the 1994-96 sub-period, as indicated by an increase in exports from virtually zero in the 1991-93 sub-period to over US\$2,000 per annum in the 1994-96 sub-period. The significant increase in St. Lucia's revealed competitiveness in this sub-period may also be explained by the virtual lack of pineapple imports over the 1994-96 sub-period.

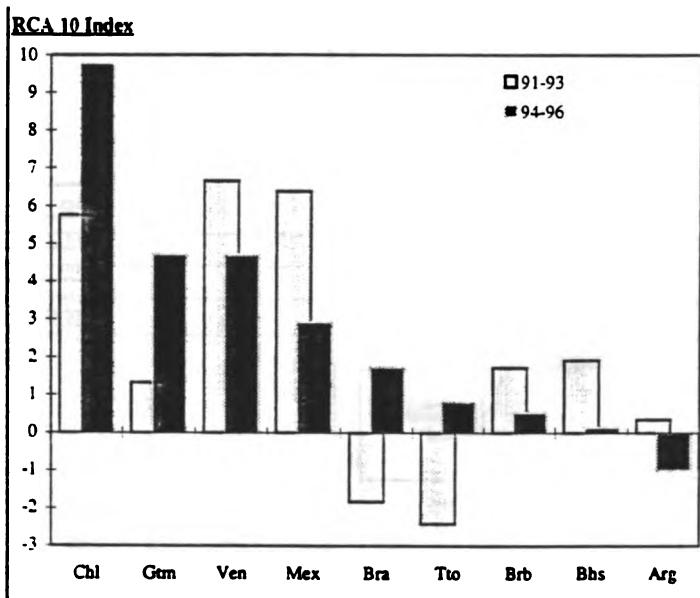
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## Avocados



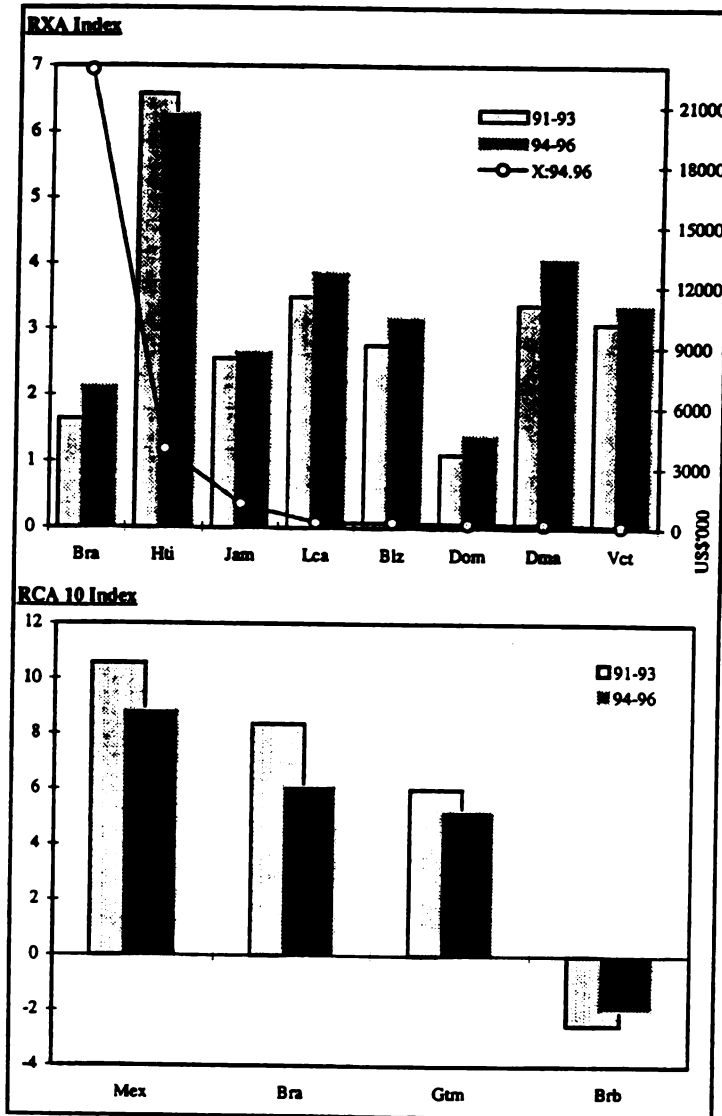
	RXA Index		Average. US\$'000	
	91-93	94-96	Exports	Imports
			X:94.96	94-96
Mex	2.761	2.928	35.542	..
Dom	4.245	4.187	2.245	..
Dma	4.607	4.732	245	..
Bra	-1.833	-2.350	208	..
Jam	0.725	0.457	99	..
Lca	1.330	2.267	39	..
Brb	1.551	1.220	37	82
Bhs	0.228	-0.856	30	37
Tto	-3.075	-1.997	15	6



	RCA Index		Average. US\$'000	
	91-93	94-96	Exports	Imports
			X:94.96	94-96
Ven	0.080	-0.161	769	5
Gtm	1.337	1.519	246	7
Arg	-1.193	-1.737	168	594
Ecu	-1.458	-1.532	44	..

	RCA10 Index	
	91-93	94-96
Chl	5.771	9.786
Gtm	1.337	4.726
Ven	6.666	4.710
Mex	6.390	2.928
Bra	-1.833	1.740
Tto	-2.421	0.816
Brb	1.724	0.549
Bhs	1.933	0.150
Arg	0.350	-0.995

### Mangoes



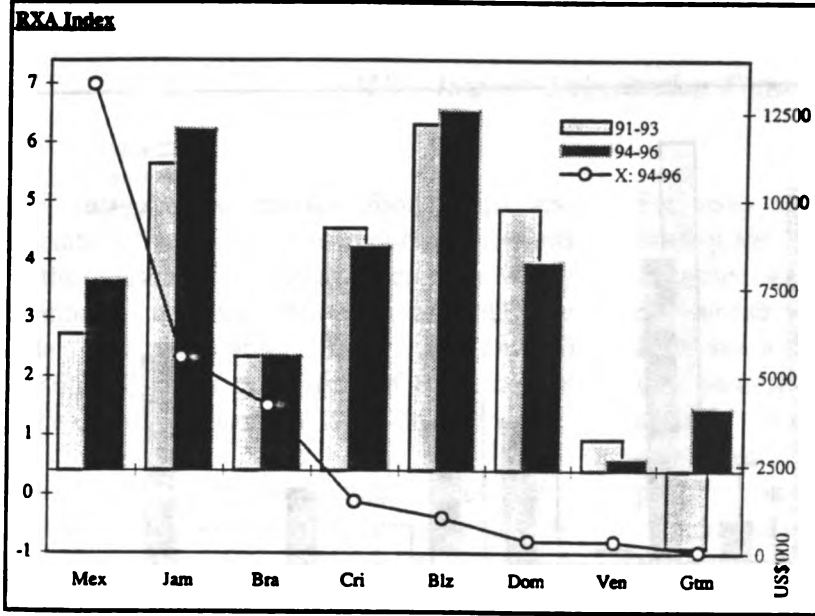
	RXA Index		Average, US\$'000	
	91-93	94-96	X:94-96	94-96
Bra	1.634	2.129	22.794	67
Hti	6.572	6.281	3.900	..
Jam	2.554	2.655	1.191	..
Lca	3.491	3.862	257	..
Blz	2.765	3.184	245	..
Dom	1.113	1.396	187	..
Dma	3.373	4.077	171	..
Vct	3.092	3.365	90	..

	RCA10 Index	
	91-93	94-96
Mex	10.567	8.872
Bra	8.364	6.135
Gtm	6.015	5.252
Brb	-2.517	-1.956

### Other Major Competitors

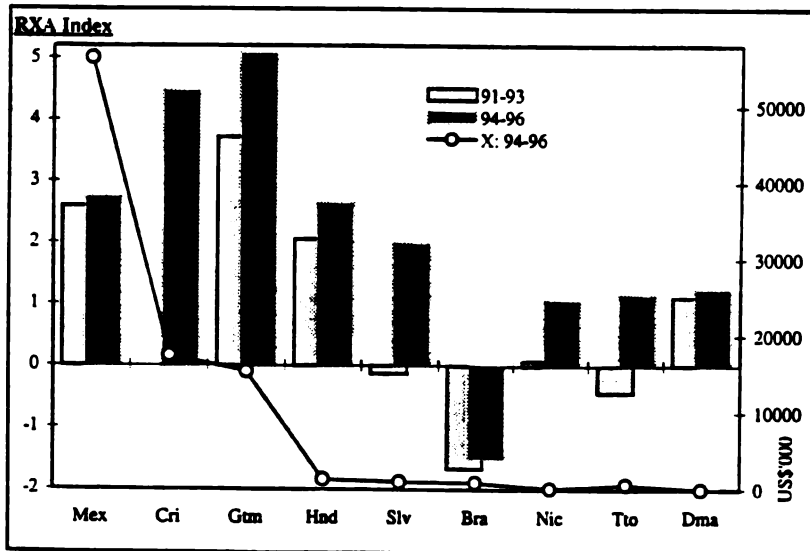
	Average, US\$'000		RXA Index	
	Exports	Imports	91-93	94-96
	X:94-96	94-96		
Mex	115.299	36	4.576	4.112
Per	7.551	..	2.943	3.134
Ven	4.042	..	2.368	1.215
Cri	3.648	22	1.538	3.196
Gtm	1.755	29	0.953	3.196
Nic	570	..	1.019	2.813
Col	364	103	0.203	-0.515
Hnd	252	..	0.074	1.303
Tto	81	..	-1.099	-0.604
Brb	24	635	-0.379	0.493

**Papayas**



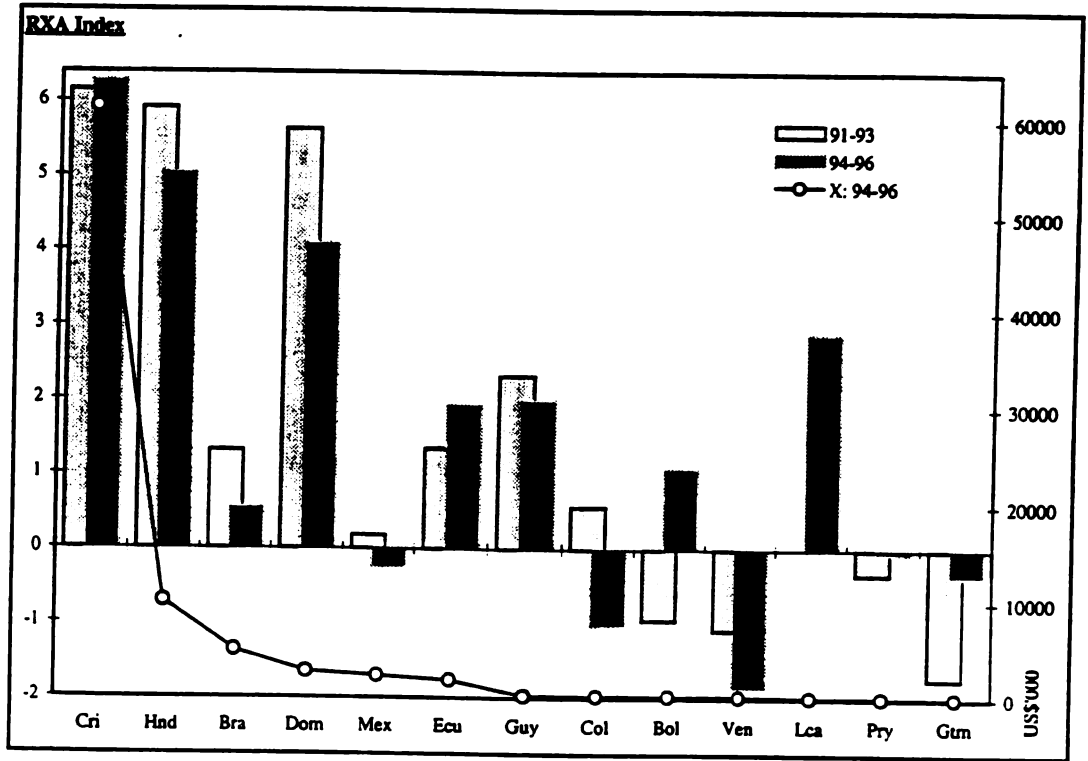
	RXA Index		Avg.Exp. US\$'000
	91-93	94-96	X: 94-96
Mex	2.323	3.264	13.316
Jam	5.227	5.830	5.525
Bra	1.935	1.972	4.170
Cri	4.128	3.844	1.462
Blz	5.910	6.157	995
Dom	4.450	3.575	348
Ven	0.531	0.223	320
Gtm	-1.305	1.078	45
Tto	1.023	-0.401	21

**Water Melon**



	RXA Index		Avg.Exp. US\$'000
	91-93	94-96	X: 94-96
Mex	2.591	2.748	56.435
Cri	-	4.472	17.412
Gtm	3.722	5.083	15.333
Hnd	2.051	2.637	1.317
Slv	-0.133	1.988	995
Bra	-1.668	-1.509	892
Nic	0.085	1.070	138
Tto	-0.437	1.150	645
Dma	1.108	1.247	14

Pineapple



	RXA Index		Avg. Exp. US\$ '000
	91-93	94-96	X: 94-96
Cri	6.148	6.279	61,360
Hnd	5.913	5.046	9,992
Bra	1.315	0.554	4,906
Dom	5.629	4.100	2,703
Mex	0.184	-0.250	2,286
Ecu	1.348	1.934	1,838
Guy	2.321	2.000	230
Col	0.572	-1.025	214
Bol	-0.950	1.081	209
Ven	-1.084	-1.861	185
Lca	-	2.885	95
Pry	-0.331	-0.041	53
Gtm	-1.736	-0.348	50

### ***III. Import Substitution Commodities***

This sub-group comprises food crops and vegetables. Food crops are important elements in the agricultural export sector of many Caribbean countries. However, according to trade data, vegetables (fresh and chilled) constituted a high proportion of food imports of the Caribbean over the 1991-1996 period.

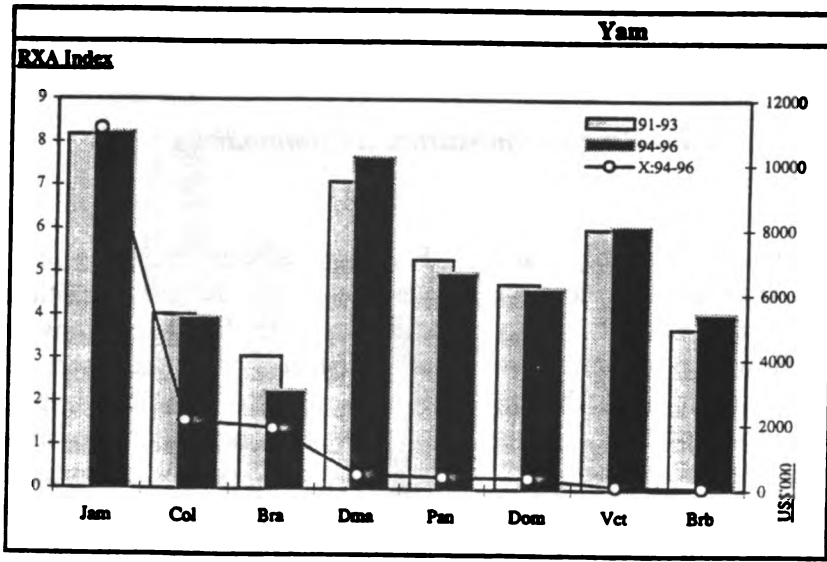
The RXA estimates indicate that most Caribbean yam exporters possessed relatively high export advantages. The results for sweet potato were mixed, with Trinidad and Tobago and St. Lucia possessing less of an export advantage than either the Dominican Republic, St. Vincent and Barbados.

Plantain, on the other hand is a food crop that has performed relatively well in export markets. Dominica was the largest plantain exporter among Caribbean countries, and possessed the highest export advantage among all the countries represented. In spite of the deterioration in trade advantage in the 1994-96 period, Dominican maintained its position as the country with the highest relative export advantage in plantains.

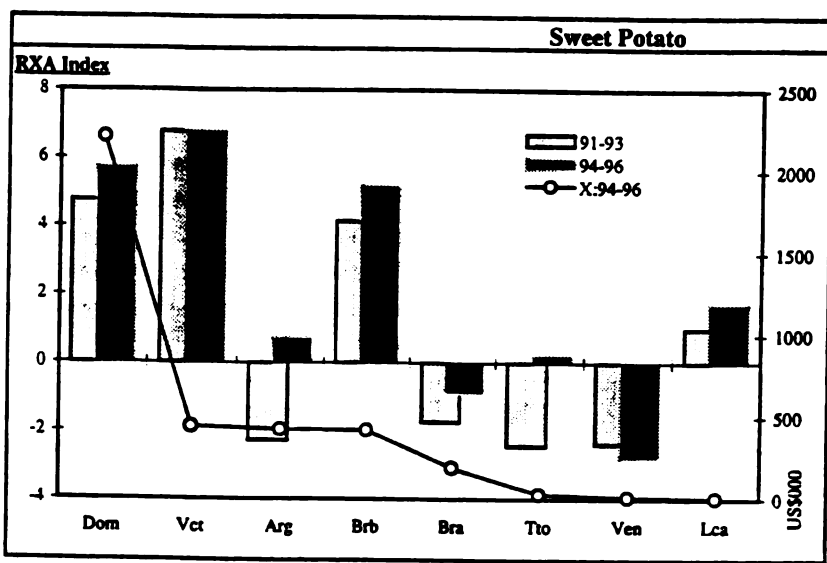
For many reasons, including low volume and inadequate air freight facilities, Caribbean countries with few exceptions are generally not considered to be exporters of vegetables. However, a more significant explanation to the low participation of Caribbean countries in exports of primary vegetables is that production of these commodities, with the possible exception of pumpkin, is generally encouraged as a means of import replacement and not to meet the objective of increasing export earnings. In some instances, very limited surplus volumes are exported to regional markets. However, generally, these countries are net-importers of primary vegetables. This therefore accounts for the negative values of the RXA and RCA10 indices for primary vegetables in general and for the specific vegetables presented in this report.

The RXA estimates indicate that Barbados possessed less of a competitive disadvantage in primary vegetables as a group, than either Trinidad and Tobago and Jamaica. The notable exception is pumpkins and squash, for which most Caribbean traders appear to possess relative export advantage.

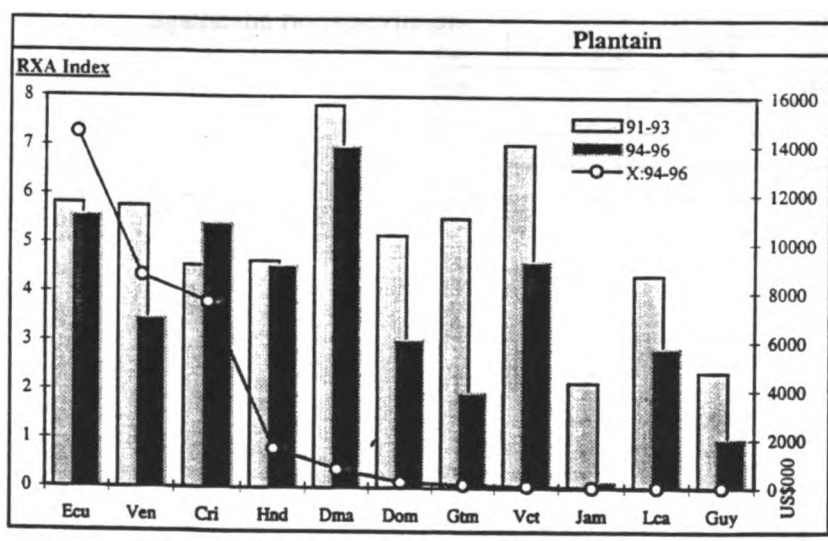
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	RXA Index		Avg. Exp. US\$'000
	91-93	94-96	X:94-96
Jam	8.167	8.248	11.091
Col	4.016	3.979	2.084
Bra	3.057	2.279	1.851
Dma	7.096	7.680	433
Pan	5.296	5.012	369
Dom	4.742	4.661	341
Vct	6.013	6.104	98
Brb	3.711	4.078	61

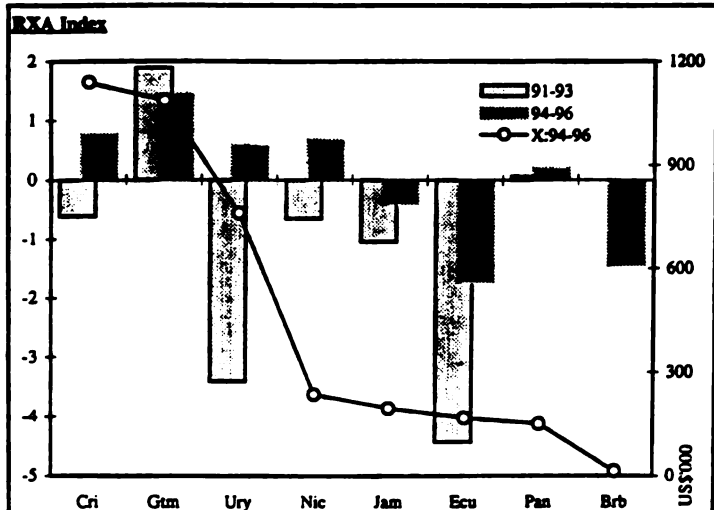


	RXA Index		Avg. Exp. US\$'000
	91-93	94-96	X:94-96
Dom	4.751	5.737	2.212
Vct	6.780	6.798	443
Arg	-2.276	0.729	425
Brb	4.148	5.193	422
Bra	-1.734	-0.897	192
Tto	-2.442	0.227	30
Ven	-2.381	-2.795	12
Lca	0.999	1.742	5

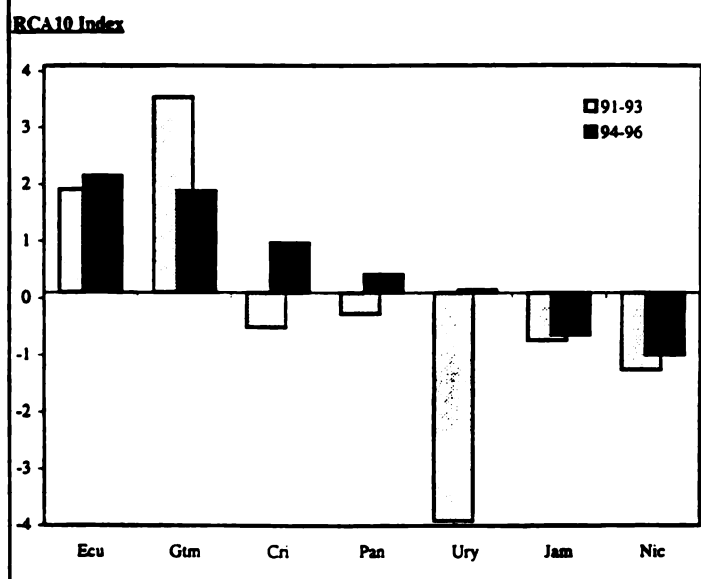


	RXA Index		Avg. Exp. US\$'000
	91-93	94-96	X:94-96
Ecu	5.812	5.569	14.528
Ven	5.758	3.469	8.681
Cri	4.552	5.410	7.621
Hnd	4.642	4.561	1.607
Dma	7.828	6.993	774
Dom	5.172	3.032	240
Gtm	5.518	1.964	129
Vct	7.032	4.645	81
Jam	2.177	0.130	24
Lca	4.360	2.872	24
Guy	2.383	1.015	22

## Onions



	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	1994-96
Cri	-0.610	0.770	1.139	701
Gtm	1.895	1.461	1.087	524
Ury	-3.408	0.584	761	1,093
Nic	-0.651	0.674	235	1,378
Jam	-1.048	-0.409	195	880
Ecu	-4.431	-1.742	167	20
Pan	0.055	0.195	150	540
Brb	..	-1.451	12	543

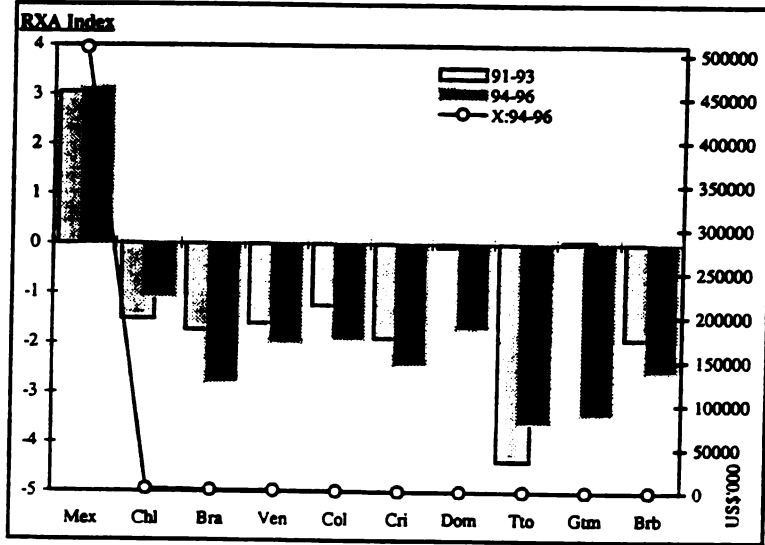


	RCA10 Index	
	91-93	94-96
Ecu	1.811	2.053
Gtm	3.437	1.785
Cri	-0.610	0.871
Pan	-0.371	0.322
Ury	-4.017	0.050
Jam	-0.837	-0.748
Nic	-1.357	-1.099
Brb	-1.468	-2.580

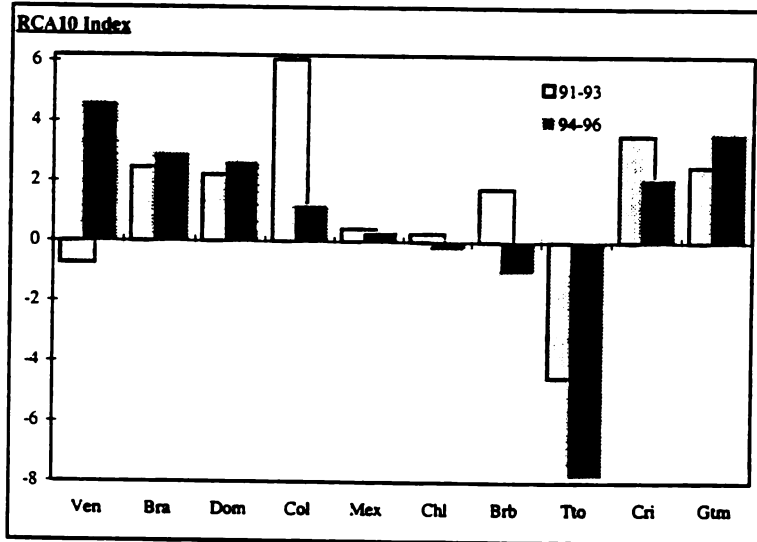
## Other Competitors

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Mex	156.101	8,753	3.150	2.855	2.964	3.277
Arg	43.094	1,953	2.205	2.309	5.320	3.295
Chl	15.961	563	0.441	1.622	1.441	3.459
Per	2.167	50	-3.318	0.612	-1.461	4.181
Ven	1.548	4,762	-1.038	-1.007	-0.080	-1.566
Col	1,295	1,590	0.273	-0.496	2.364	0.186
Bra	1,139	42,141	-3.476	-2.193	-4.978	-3.505

### Tomatoes



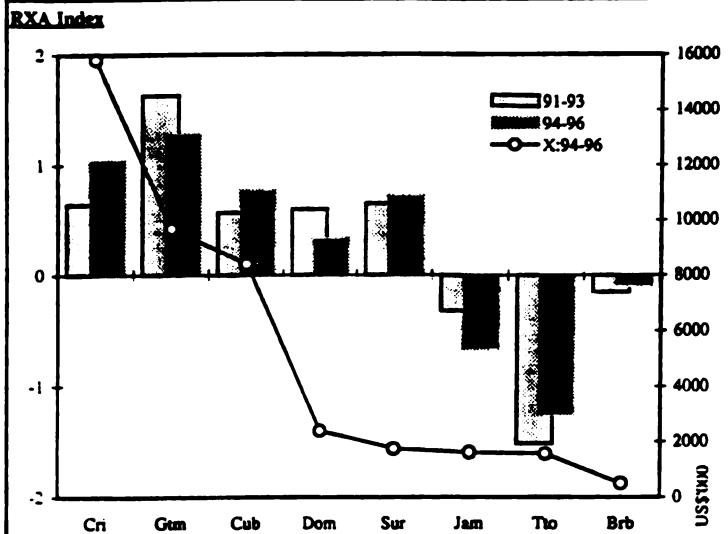
	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	1994-96
Mex	3.051	3.146	506,541	7,115
Chl	-1.522	-1.092	2,749	1
Bra	-1.746	-2.799	1,591	505
Ven	-1.608	-1.995	1,476	653
Col	-1.245	-1.933	788	654
Cri	-1.901	-2.430	119	1
Dom	-0.072	-1.708	75	
Tto	-4.375	-3.605	36	20
Gtm	0.041	-3.427	21	148
Brb	-1.916	-2.573	10	90



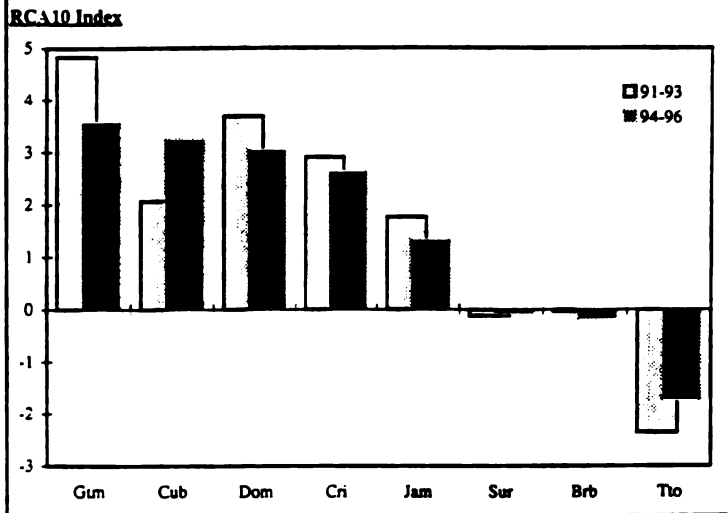
	RCA10 Index	
	91-93	94-96
Ven	-0.742	-4.624
Bra	2.450	2.920
Dom	2.215	2.666
Col	6.057	1.224
Mex	0.425	0.351
Chl	0.284	-0.241
Brb	1.769	-1.030
Tto	-4.512	-7.800
Cri	3.562	2.145
Gtm	2.528	3.683



**Vegetables - Primary**



	RXA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
			X:94-96	1994-96
Cri	0.642	1.043	15,815	1,065
Gtm	1.629	1.290	9,668	756
Cub	0.566	0.766	8,400	593
Dom	0.597	0.333	2,391	473
Sur	0.650	0.722	1,750	1,460
Jam	-0.321	-0.662	1,609	876
Tto	-1.517	-1.259	1,561	6,989
Brb	-0.152	-0.099	492	1,973

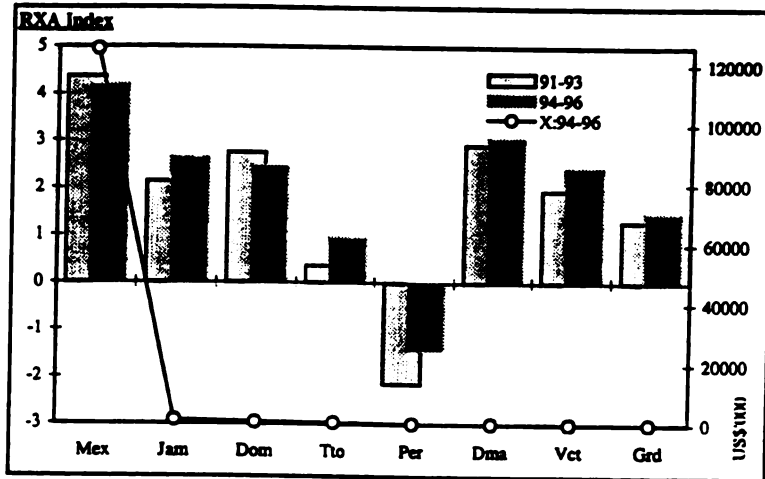


	RCA10 Index	
	91-93	94-96
Gtm	4.823	3.579
Cub	2.069	3.246
Dom	3.690	3.055
Cri	2.909	2.646
Jam	1.772	1.335
Sur	-0.123	-0.083
Brb	-0.040	-0.188
Tto	-2.361	-1.746

**Other Competitors**

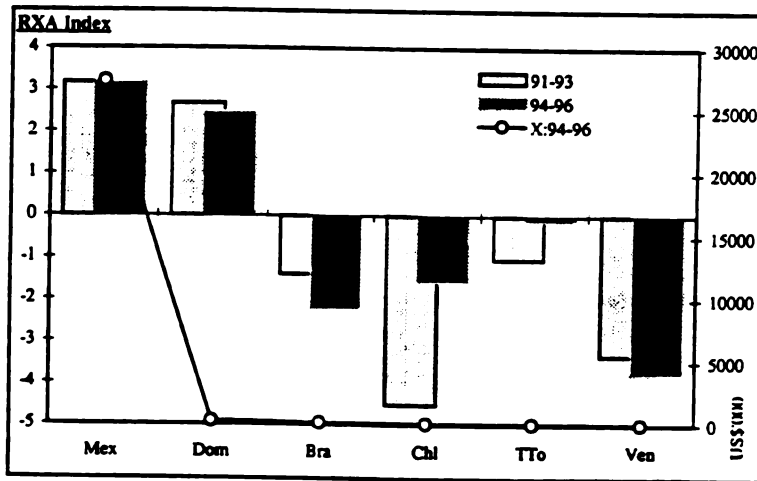
	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Chl	33,723	753	-0.005	-0.005	5.248	3.872
Mex	879,100	30,549	2.652	2.159	3.608	3.667
Ecu	7,095	499	-1.776	-0.355	3.494	2.554
Per	13,553	1,563	0.247	0.083	2.793	2.541
Arg	99,501	9,674	0.952	0.752	2.482	2.469
Pan	1,327	1,838	-0.738	0.013	0.130	1.247
Dma	295	313	0.080	1.010	-0.280	0.900
Col	4,379	10,351	-1.125	-1.562	0.242	-0.422
Ven	3,959	8,068	-2.242	-2.433	-0.346	-1.185
Bra	4,347	113,834	-2.847	-3.218	-2.661	-3.167
Bhs	200	8,711	-2.409	-2.866	-2.756	-3.562

### Pumpkin and Squash



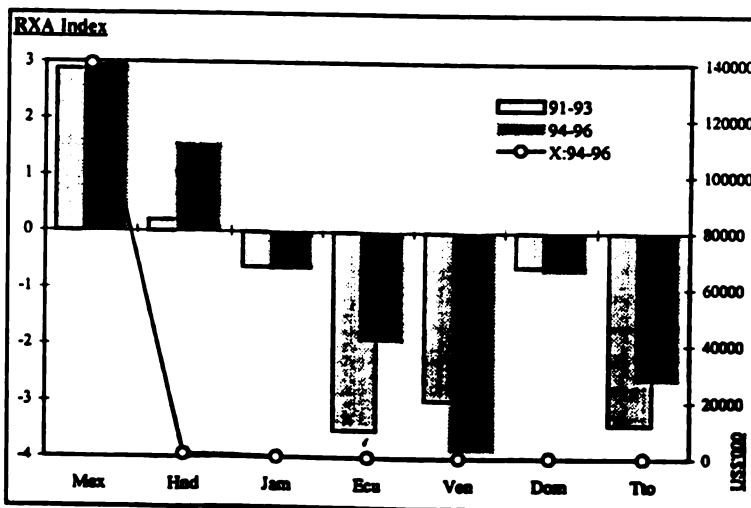
	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	1994-96
Mex	4.372	4.192	125,199	458
Jam	2.130	2.622	1,192	..
Dom	2.749	2.475	568	..
Tto	0.351	0.951	396	..
Per	-2.150	-1.448	82	1
Dma	2.913	3.073	65	..
Vct	1.950	2.442	37	..
Grd	1.295	1.474	6	..

### Eggplant



	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	1994-96
Mex	3.166	3.176	27,335	18
Dom	2.679	2.473	256	..
Bra	-1.386	-2.228	147	3
Chi	-4.525	-1.571	89	..
Tto	-1.032	-0.109	62	..
Ven	-3.349	-3.776	13	..

### Cucumber



	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	1994-96
Mex	2.875	2.978	139,271	116
Hnd	0.203	1.558	911	..
Jam	-0.628	-0.676	120	..
Ecu	-3.516	-1.931	111	2
Ven	-2.977	-3.857	72	1
Dom	-0.616	-0.693	65	..
Tto	-3.402	-2.628	30	7

## Consumer-Oriented Products - II

### *IV. Meat, Meat Preparations and Dairy Products*

Of striking significance among the various product categories is the concentration of meat and meat preparations exports among the larger countries of the Caribbean, specifically, the Dominican Republic, Jamaica, Trinidad and Tobago, Belize and Barbados. The estimates also indicate, however, that among these countries, only the Dominican Republic possessed competitive advantage in meat and meat preparations, as indicated by an RCA10 index of over 2.500 for both comparative periods. Of the remaining countries, Barbados appeared to possess less of a competitive disadvantage in meat and meat preparations. On the contrary, many of the Latin American counterparts possessed competitive advantages in meat and meat preparations.

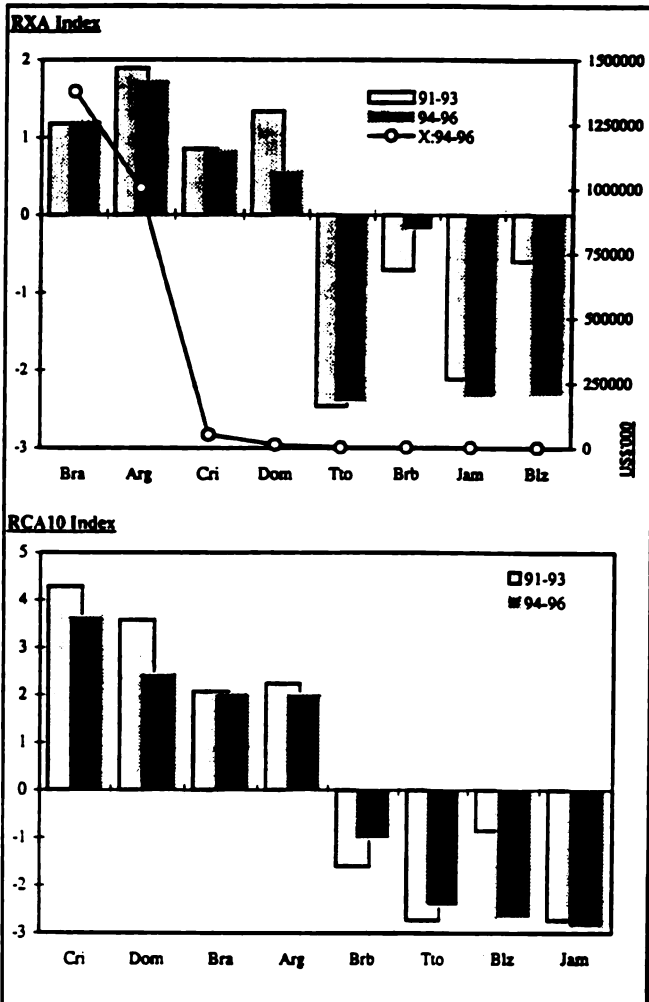
In terms of the specific meat sub-categories and products, the estimates for bovine and poultry meat mirror that of the overall product category for the Caribbean countries represented. As alluded to in the section's introduction, meat preparations appear to be a viable export industry for the Caribbean countries of Jamaica, the Dominican Republic, Trinidad and Tobago and Barbados. This is particularly true of beef and veal sausages and to a lesser extent, pig sausages. Barbados was the only Caribbean country with a revealed competitive advantage in canned chicken meat.

...

The estimates indicate that the beef and veal sausages industries in Trinidad and Tobago, Jamaica and Belize possessed competitive trade advantages over both sub-periods examined. Of these three countries, Trinidad and Tobago and Jamaica were net exporters of this product in both sub-periods. The estimates however, clearly indicate that Jamaica possessed the highest revealed competitive advantage in beef and veal sausages, with Belize exhibiting a significant decline in its revealed competitiveness in the latter (1994-96) sub-period. These countries exhibited relatively lower revealed competitive advantage in pig sausages. The Dominican Republic and Barbados were the two Caribbean countries exhibiting the highest revealed competitive advantage in pig sausages, with the position of the industry in Trinidad and Tobago improving in the latter sub-period.

The Caribbean is a relatively small exporter of milk and milk products. deteriorated significantly in the 1994-96 period. Generally, much of the exports in the dairy category comprise re-exports of dry, evaporated and condensed milk. The estimates suggest that Caribbean producers possess clear revealed competitive disadvantages in dry milk and competitive advantages in condensed and evaporated milk (except for Belize).

### Meat and Meat Preparations



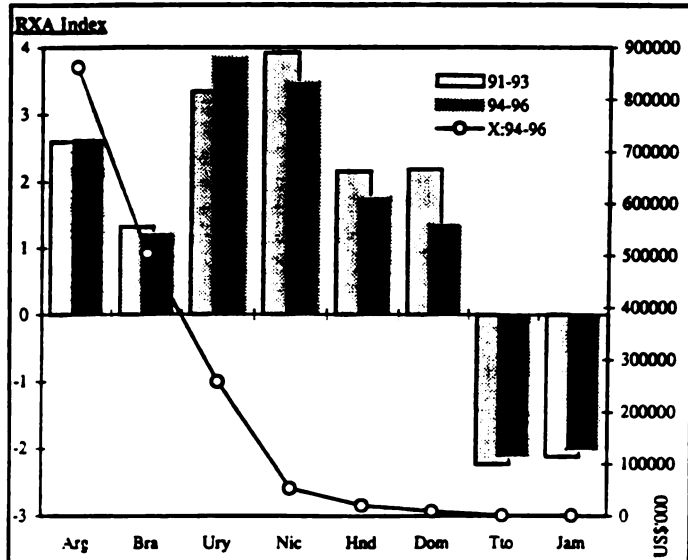
	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	1994-96
Bra	1.176	1.215	1,377,243	197,607
Arg	1.892	1.737	1,003,552	150,506
Cri	0.853	0.828	50,281	1,753
Dom	1.340	0.570	11,939	4,087
Tto	-2.461	-2.402	1,990	16,439
Brb	-0.703	-0.185	1,796	15,355
Jam	-2.109	-2.328	1,216	40,850
Blz	-0.594	-2.308	150	3,377

	RCA10 Index	
	91-93	94-96
Cri	4.284	3.664
Dom	3.580	2.450
Bra	2.067	2.035
Arg	2.245	2.022
Brb	-1.598	-1.024
Tto	-2.730	-2.423
Blz	-0.853	-2.663
Jam	-2.739	-2.863

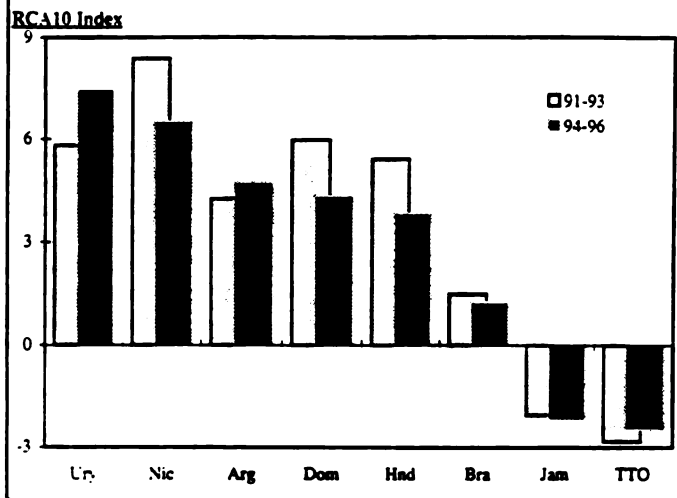
### Other Major Competitors

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Nic	54,333	1,856	3.063	2.474	3.189	4.056
Ury	300,816	9,197	2.684	2.989	4.517	3.975
Pry	48,785	6,939	1.972	1.820	5.964	3.056
Hnd	21,052	4,625	1.305	0.747	3.229	1.907
Ven	14,368	2,991	-2.056	-2.530	0.497	1.032
Gm	7,436	8,639	0.570	-0.361	1.906	0.810
Chl	32,492	122,922	-1.263	-1.431	-0.666	-1.339
Col	5,764	30,661	-1.301	-2.573	0.844	-1.380
Mex	76,447	717,279	-2.035	-1.766	-2.542	-2.119

### Bovine Meat



	RXA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
Arg	2.602	2.652	861.878	9.064
Bra	1.317	1.231	503.251	159.051
Ury	3.344	3.857	257.069	241
Nic	3.923	3.491	53.028	160
Hnd	2.153	1.766	20.555	5.006
Dom	2.179	1.370	9.423	500
Tto	-2.229	-2.120	931	8.256
Jam	-2.116	-2.017	586	2.047

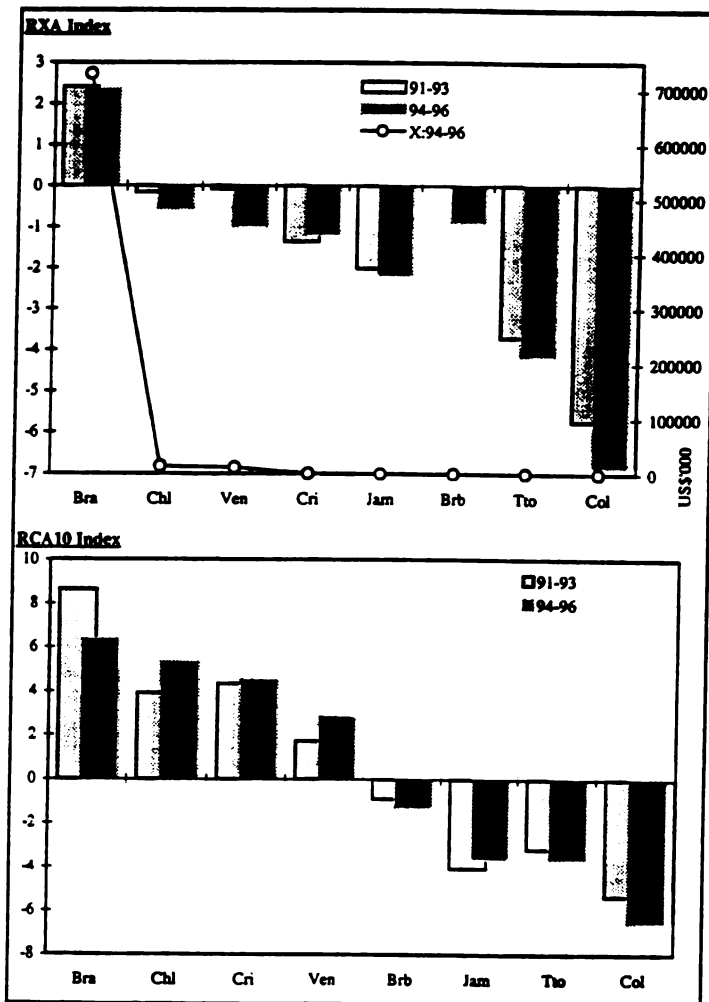


	RCA10 Index	
	91-93	94-96
Ury	5.815	7.474
Nic	8.375	6.512
Arg	4.257	4.742
Dom	5.986	4.343
Hnd	5.432	3.838
Bra	1.490	1.253
Jam	-2.047	-2.185
TTO	-2.821	-2.468

### Other Major Competitors

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Cri	46.159	429	1.694	1.784	5.375	5.014
Pan	4.320	342	1.677	0.855	5.600	4.077
Pry	45.868	5.006	2.786	2.798	7.419	3.347
Gtm	5.526	846	1.390	0.382	4.264	2.865
Ecu	2.548	357	-2.651	-1.724	1.966	1.827
Bol	1.088	423	-3.645	-1.248	-0.548	1.171
Col	4.544	2.460	-0.494	-1.949	3.926	0.935
Ven	504	872	-5.387	-4.839	-2.281	-1.059
Blz	68	1.264	-0.880	-2.058	-0.951	-2.441
Mex	9.196	215.028	-2.527	-2.844	-2.986	-2.995
Brb	82	6.215	-3.138	-2.237	-3.924	-3.173
Chl	90	118.083	-6.136	-6.280	-6.356	-7.166

**Poultry Meat**



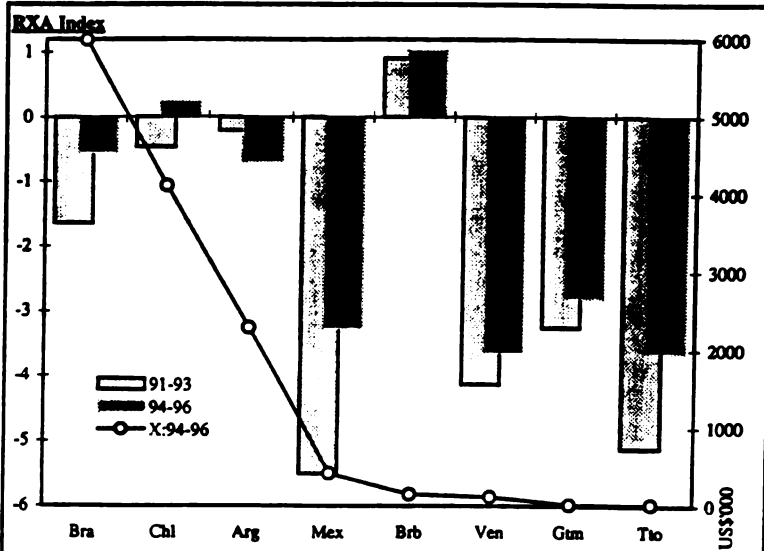
	RXA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
	X:94-96	1994-96		
Bra	2.414	2.375	730,046	1,316
Chl	-0.172	-0.561	13,542	59
Ven	-0.095	-0.990	11,691	356
Cri	-1.367	-1.201	1,169	15
Jam	-2.013	-2.191	244	16,595
Brb	-	-0.884	157	1,663
Tto	-3.696	-4.143	61	1,605
Col	-5.730	-6.835	17	14,589

	RCA10 Index	
	91-93	94-96
Bra	8.651	6.401
Chl	3.913	5.366
Cri	4.344	4.570
Ven	1.739	2.883
Brb	-0.905	-1.299
Jam	-4.065	-3.640
Tto	-3.181	-3.653
Col	-5.333	-6.537

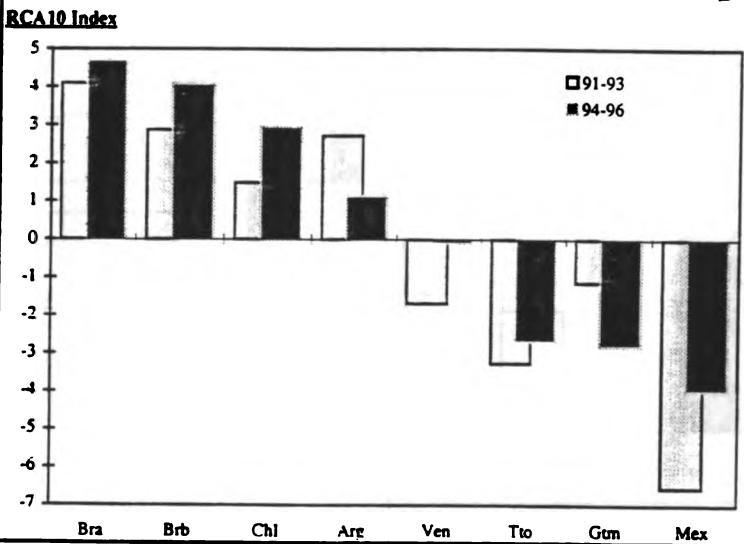
**Other Major Competitors**

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Bol	2,004	36	-1.873	0.066	2.563	4.146
Ury	1,397	39	-0.331	-0.814	5.292	3.821
Slv	125	207	-1.931	-3.023	1.627	0.069
Pan	119	470	-1.082	-2.042	0.681	0.059
Nic	192	743	-0.706	-1.533	-2.060	-0.852
Gtm	540	3,226	-1.064	-1.245	-1.527	-0.905
Arg	3,092	45,691	-3.172	-2.374	-3.831	-2.713
Mex	2,171	194,737	-1.634	-3.585	-2.309	-4.453

### Canned Chicken Meat

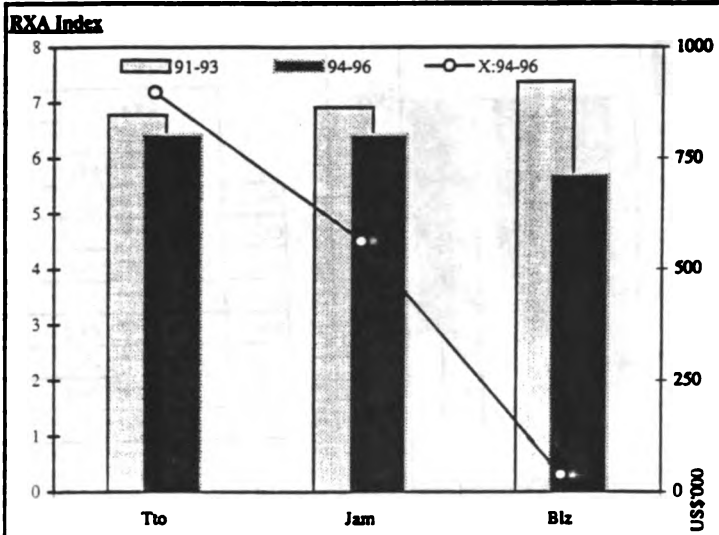


	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	1994-96
Bra	-1.646	-0.552	5,994	59
Chl	-0.473	0.228	4,107	218
Arg	-0.205	-0.692	2,288	790
Mex	-5.500	-3.259	415	25,616
Brb	0.907	1.031	147	8
Ven	-4.129	-3.632	115	75
Gtm	-3.249	-2.784	16	706
Tto	-5.117	-3.634	14	155

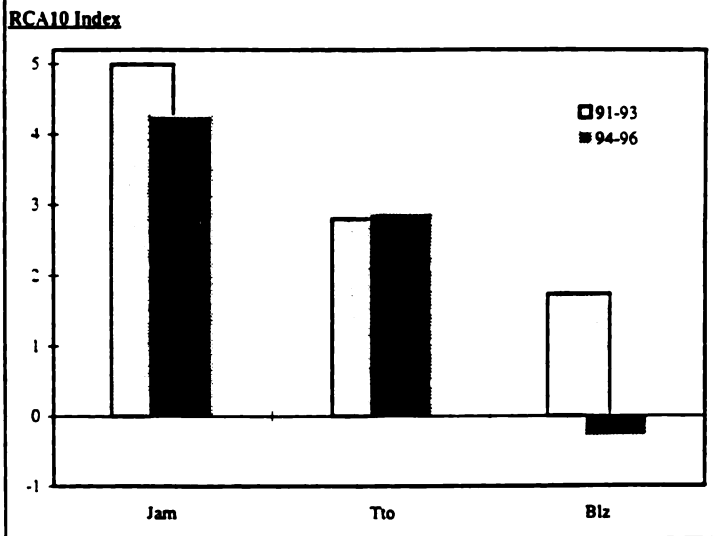


	RCA10 Index	
	91-93	94-96
Bra	4.100	4.697
Brb	2.876	4.074
Chl	1.492	2.966
Arg	2.732	1.152
Ven	-1.682	-0.083
Tto	-3.255	-2.687
Gtm	-1.126	-2.802
Mex	-6.554	-3.974

**Sausages - Beef and Veal**



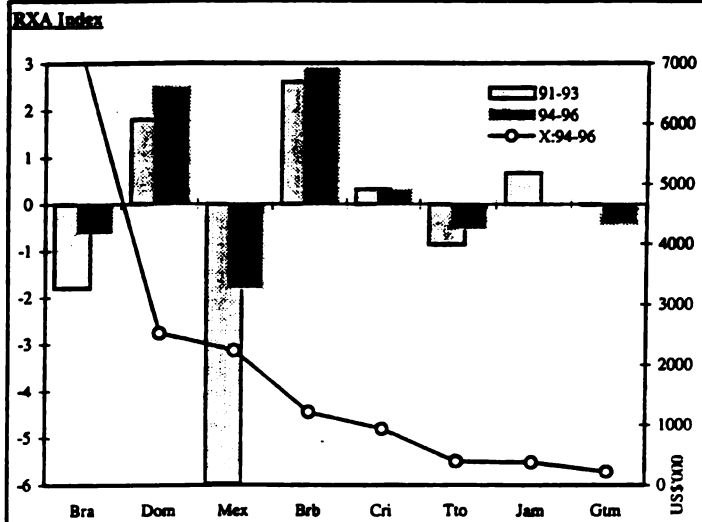
	RXA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
Tto	6.778	6.434	898	444
Jam	6.914	6.425	562	167
Blz	7.379	5.699	38	741



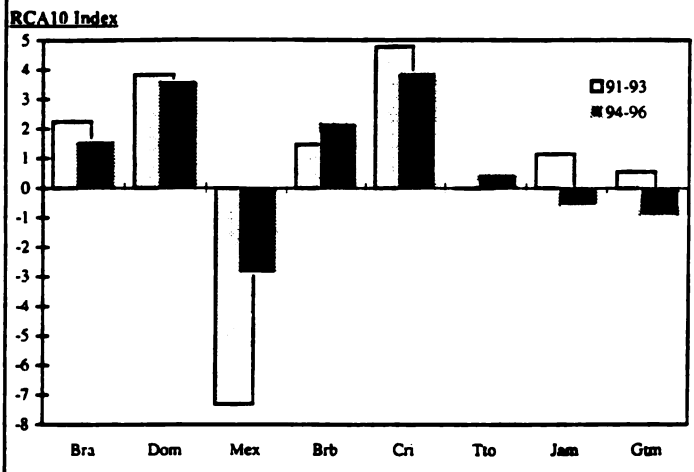
	RCA10 Index	
	91-93	94-96
Jam	4.993	4.260
Tto	2.803	2.880
Blz	1.739	-0.290



### Fig Sausages



	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	1994-96
Bra	-1.792	-0.631	7.017	1.308
Dom	1.799	2.490	2.517	233
Mex	-5.959	-1.809	2.237	40.260
Brb	2.605	2.911	1.212	370
Cri	0.317	0.310	933	22
Tto	-0.866	-0.539	391	158
Jam	0.664	-0.010	377	1.164
Gtm	-0.021	-0.416	216	1.256

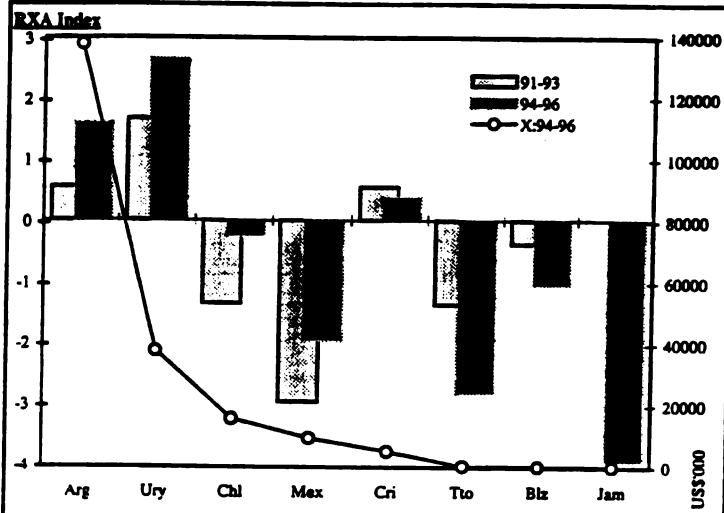


	RCA10 Index	
	91-93	94-96
Bra	2.249	1.601
Dom	3.818	3.624
Mex	-7.314	-2.904
Brb	1.472	2.202
Cri	4.776	3.908
Tto	-0.016	0.472
Jam	1.140	-0.594
Gtm	0.554	-0.932

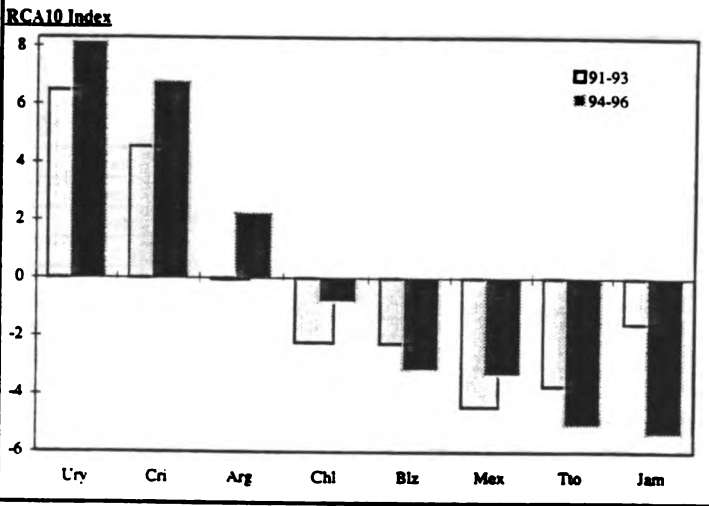
### Other Major Competitors

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Chl	414	113	-1.842	-2.306	2.432	1.172
Ven	174	117	-3.232	-3.454	-0.613	-0.267
Ury	162	281	-2.372	-1.224	0.384	-0.363
Arg	1,267	2,521	-2.507	-1.520	-0.176	-0.754
Pan	25	1,107	-2.879	-1.857	-3.338	-2.413
Col	19	557	-6.833	-4.979	-4.883	-3.212
Blz	5	353	-0.362	-0.220	-1.823	-3.926

**Milk - Dry**



	RXA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
	X:94-96	1994-96		
Arg	0.548	1.595	137.693	16.568
Ury	1.661	2.654	37.776	16
Chl	-1.354	-0.261	15.789	38.125
Mex	-2.975	-1.977	9.353	312.856
Cri	0.545	0.395	5.018	8
Tto	-1.377	-2.835	195	24.136
Blz	-0.385	-1.059	79	3.129
Jam	-	-3.958	36	15.881

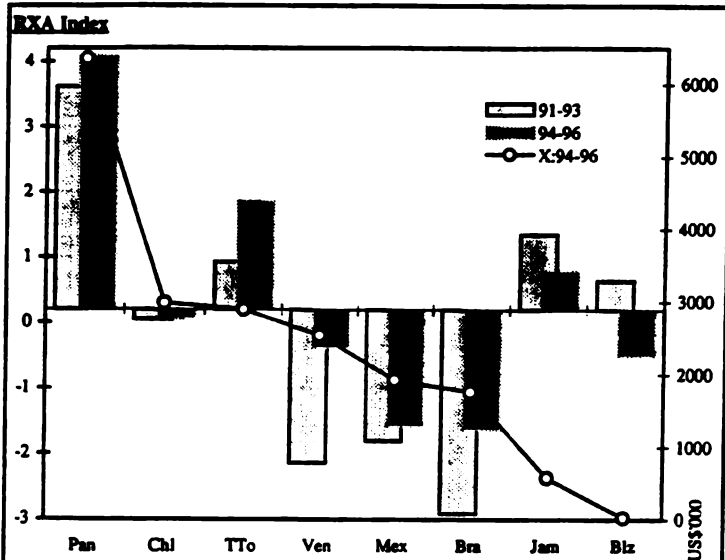


	RCA10 Index	
	91-93	94-96
Ury	6.488	8.176
Cri	4.551	6.800
Arg	-0.055	2.272
Chl	-2.231	-0.817
Blz	-2.248	-3.163
Mex	-4.440	-3.342
Tto	-3.729	-5.075
Jam	-1.553	-5.367

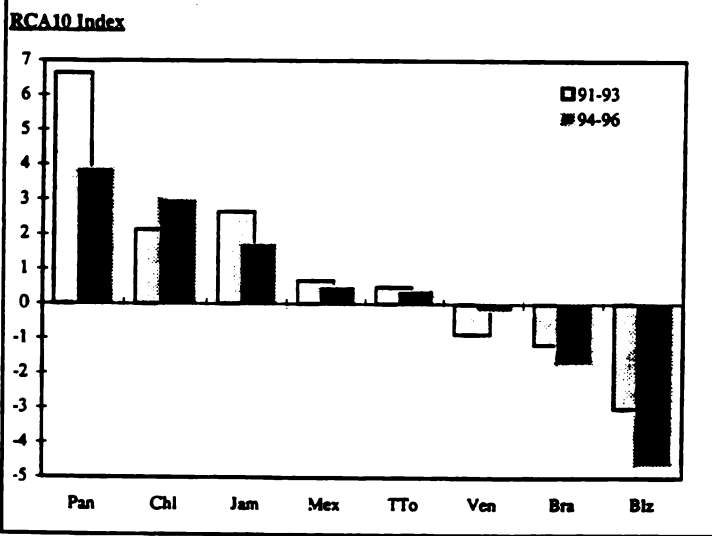
**Other Major Competitors**

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Ecu	1528	3.940	-6.264	-1.387	-4.842	-1.046
Nic	1,321	9,820	-2.506	0.544	-4.850	-1.371
Col	767	13,284	-3.510	-2.879	-3.262	-2.491
Bra	4,952	275,869	-1.809	-2.583	-2.796	-3.950
Gtm	44	27,023	-2.431	-3.607	-4.269	-5.408
Slv	47	31,060	-1.696	-3.854	-3.915	-5.791
Ven	455	137,721	-6.251	-4.092	-8.059	-6.212
Per	104	86,275	-4.561	-4.286	-6.464	-6.363

**Milk - Condensed and Evaporated**



	RXA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
Pan	3.414	3.892	6.358	..
Chl	-0.155	-0.138	2.975	159
TTo	0.727	1.655	2.882	1.531
Ven	-2.337	-0.579	2.535	1.913
Mex	-2.003	-1.765	1.925	1.425
Bra	-3.115	-1.823	1.761	10.866
Jam	1.150	0.596	569	208
Blz	0.443	-0.692	19	3.277



	RCA10 Index	
	91-93	94-96
Pan	6.646	3.892
Chl	2.133	3.005
Jam	2.651	1.741
Mex	0.666	0.520
TTo	0.484	0.399
Ven	-0.877	-0.182
Bra	-1.170	-1.710
Blz	-3.011	-4.635

**Other Major Competitors**

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	1994-96				
Ury	526	35	1.776	0.148	4.870	3.098
Arg	809	214	-3.441	-1.775	0.451	1.465
Ant	2294	2.898	-1.092	1.902	-2.567	0.034
Col	800	1.493	-1.974	-1.044	0.087	-0.258
Per	881	9.643	-0.004	-0.356	-1.605	-2.017
Cri	24	4.258	-3.728	-3.158	-5.271	-4.886

## V. *Other Processed Products*

Practically all the Caribbean countries are engaged in the manufacture of alcoholic beverages. The RCA results for the larger exporters are indicated in the charts while comparative results for the remaining Caribbean countries are included in the Tables of "Other Major Competitors".

Of these Caribbean countries, only the Dominican Republic, Dominica, St.Lucia and Haiti exhibit clear competitive disadvantage in distilled alcoholic beverages. Belize, Antigua and St.Kitts essentially on the borderline, i.e. neither competitive nor uncompetitive, as indicated by the values of their respective RCA10 indices (close to zero). In the 1994-96 sub-period, Bahamas and Jamaica exhibited the highest revealed competitive advantage among the Caribbean countries. Bahamas's RCA10 index in the 1994-96 sub-period represented a significant increase over the industry's position in the 1991-93 period, partially due to a similarly sharp decline in the average value of alcoholic beverage imports.

The RCA10 index for Trinidad and Tobago indicates that country's strong revealed competitive advantage in barley beer, with St.Lucia's revealed competitiveness for barley beer being comparable to that of Mexico, the largest exporter in the hemisphere. The estimates reveal that Barbados did not possess a revealed competitive advantage for barley

beer, with a tendency towards worsening trade performance in the latter period.

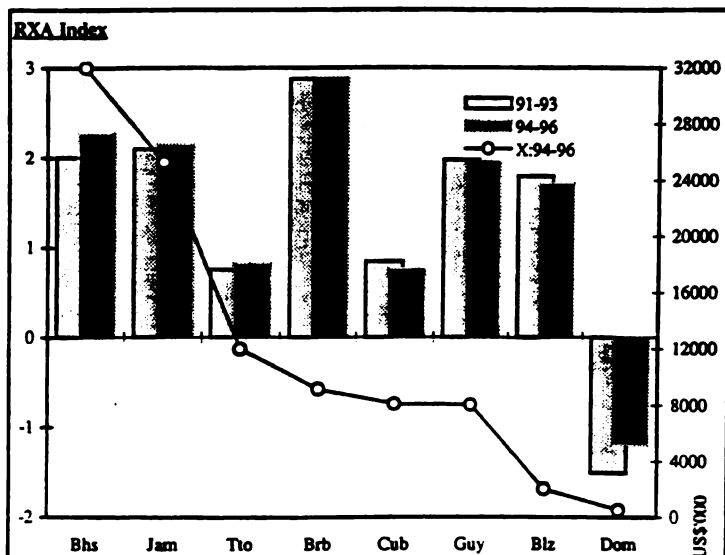
Among the Caribbean country exporters of non-alcoholic beverages, St.Lucia was the only country exhibiting revealed competitive disadvantage. The RCA10 indices for Trinidad and Tobago and St.Kitts are quite noteworthy. Trinidad and Tobago's non-alcoholic beverage exports are dominated by a wide range of carbonated drinks, particularly those developed by the local manufacturing sector. The bulk of Trinidad's non-alcoholic exports are traded within the Caribbean market and to a few Latin American countries.

Of the four margarine producers, only Barbados and St.Kitts possessed revealed competitive advantage, with St.Lucia exhibiting a complete reversal in the industry's fortunes in the 1994-96 period. Of the five macaroni exporters, Dominica, Trinidad and Tobago and Barbados exhibited revealed competitive advantage, while Jamaica and St.Lucia exhibited revealed competitive disadvantage.

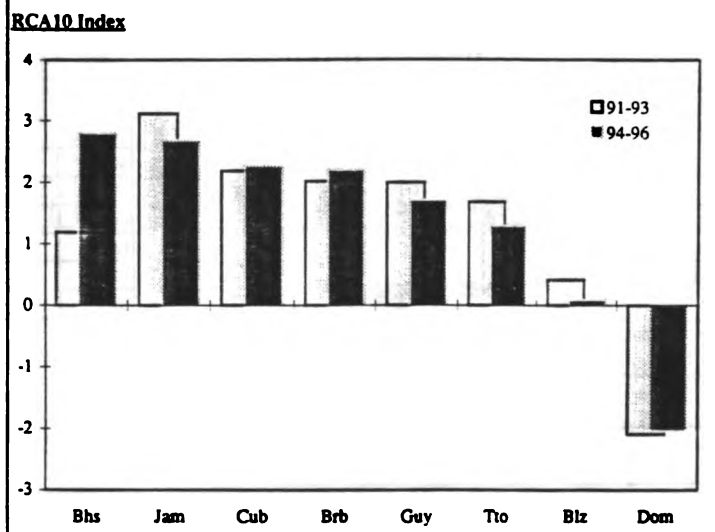
The estimates for the other processed products, pastry, tomato paste, cigarettes, cigars and cheroots, clearly differentiate between the countries which possess revealed competitive advantage and those which do not.

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### Distilled Alcoholic Beverages



	RXA Index		Average US\$'000	
			Exports	Imports
	91-93	94-96	X:94-96	1994-96
Bhs	2.007	2.274	32,000	2,217
Jam	2.103	2.153	25,263	3,294
Tto	0.759	0.826	11,985	2,304
Brb	2.879	2.904	9,149	3,130
Cub	0.846	0.771	8,100	1,357
Guy	1.979	1.975	8,033	1,467
Blz	1.797	1.719	1,996	2,759
Dom	-1.506	-1.194	500	14,333



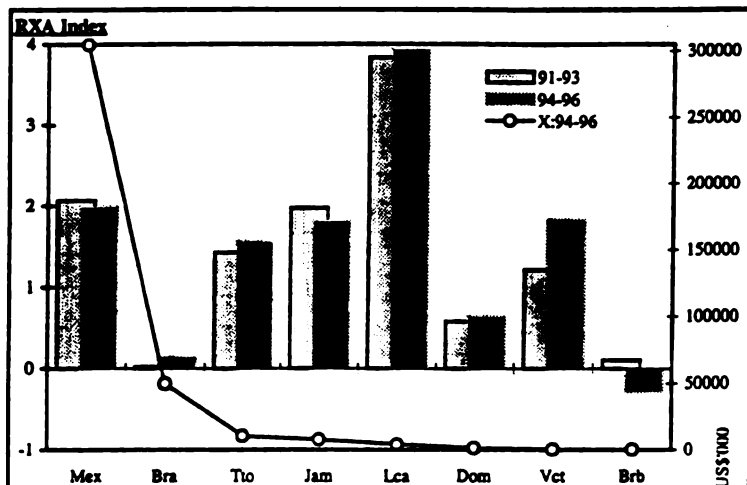
	RCA10 Index	
	91-93	94-96
Bhs	1.193	2.804
Jam	3.121	2.678
Cub	2.193	2.277
Brb	2.022	2.205
Guy	1.997	1.717
Tto	1.684	1.305
Blz	0.421	0.097
Dom	-2.093	-2.036

### Other Major Competitors

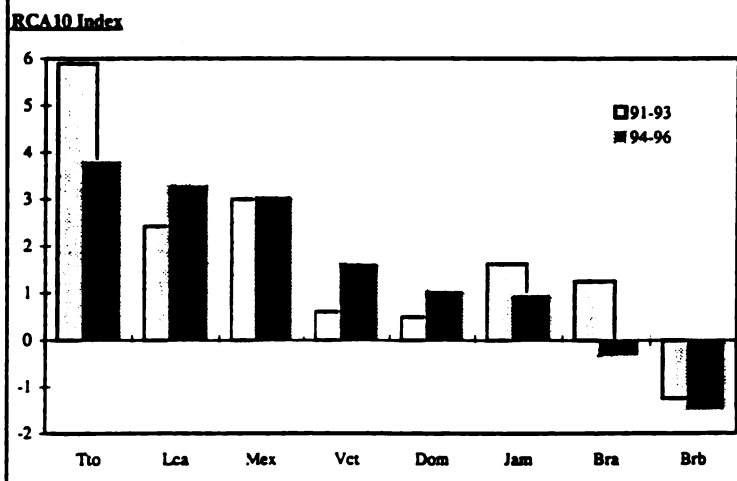
	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	94-96				
Pan	5,237	4,747	1.051	1.435	1.258	1.572
Nic	1,598	940	0.299	0.271	0.789	1.067
Mex	180,644	80,640	0.466	0.539	0.452	0.924
Atg	380	1,733	1.080	1.372	-0.100	0.183
Kna	210	1,027	0.948	1.172	-0.116	0.007
Gtm	3,026	8,436	-1.223	0.163	-1.069	-0.110
Bra	21,828	41,765	-1.843	-1.562	-0.893	-0.648
Col	5,944	15,120	-1.258	-1.295	-0.474	-0.681
Slv	786	3,762	0.044	-1.501	0.776	-0.960
Hti	337	4,933	0.337	0.217	-1.338	-1.282
Cri	1,497	7,252	-2.494	-1.280	-2.304	-1.333

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	94-96				
Lca	284	3,794	0.021	0.388	-1.676	-1.398
Arg	5,314	22,676	-2.291	-2.149	-1.311	-1.431
Hnd	163	2,260	-5.148	-2.706	-4.531	-2.296
Chl	2,165	20,999	-2.842	-2.714	-2.371	-2.314
Bol	141	1,882	-2.963	-2.907	-1.906	-2.434
Ven	11,200	71,897	-1.646	-1.351	-2.973	-2.449
Dma	16	1,278	-2.123	-1.869	-4.074	-3.541
Ecu	305	9,733	-4.255	-3.463	-4.307	-3.674
Per	253	17,905	-3.276	-3.861	-2.319	-3.992
Pry	288	63,193	-3.576	-1.942	-6.380	-4.410
Ury	66	11,013	-2.991	-4.185	-3.852	-4.847

### Barley Beer



	RXA Index		Average US\$'000	
			Exports	Imports
	91-93	94-96	X:94-96	94-96
Mex	2.067	1.991	304,273	17,178
Bra	0.022	0.145	49,618	71,227
Tto	1.426	1.562	10,415	166
Jam	1.970	1.813	7,593	5,409
Lca	3.839	3.941	3,949	517
Dom	0.578	0.639	1,300	1,733
Vct	1.214	1.831	287	153
Brb	0.105	-0.288	163	2,243

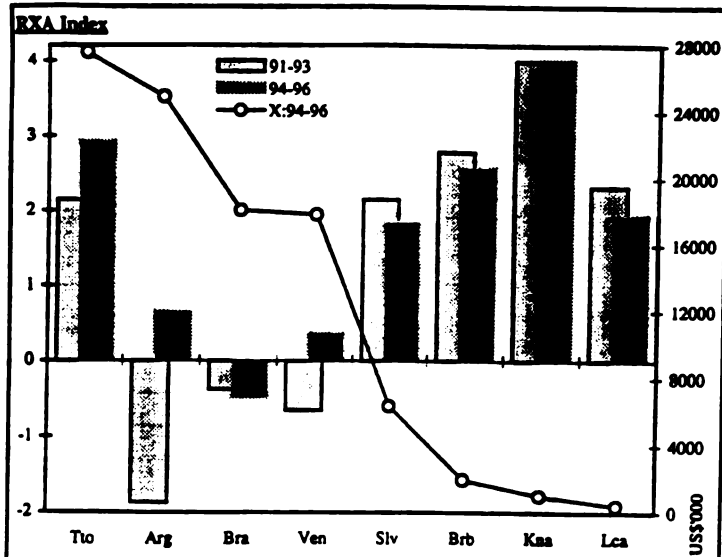


	RCA10 Index	
	91-93	94-96
Tto	5.901	3.820
Lca	2.423	3.307
Mex	3.004	3.075
Vct	0.603	1.647
Dom	0.493	1.062
Jam	1.621	0.988
Bra	1.259	-0.340
Brb	-1.250	-1.505

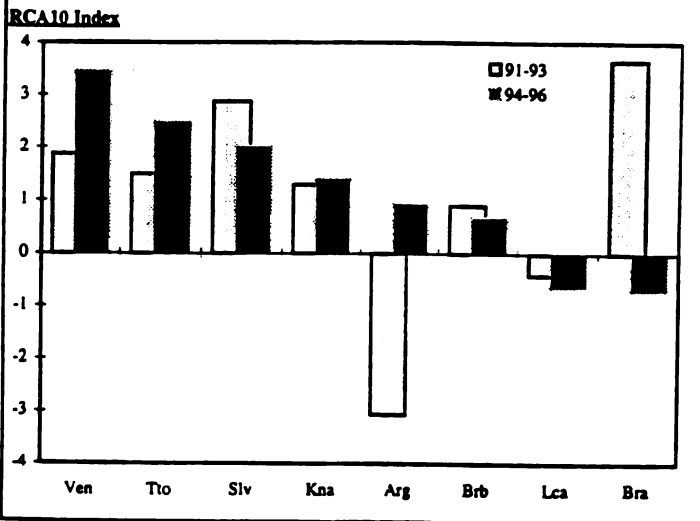
### Other Major Competitors

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports				
	X:94-96	94-96	91-93	94-96	91-93	94-96
Bol	2,443	58	0.588	0.823	5.511	3.924
Ven	38,920	652	-0.898	0.780	0.181	3.546
Pan	731	548	0.240	0.333	2.254	1.778
Per	791	231	-1.936	-1.845	0.738	1.526
Ury	5,871	2,954	0.217	1.183	0.404	0.987
Gtm	308	598	-1.706	-1.249	-0.004	0.275
Slv	499	877	-0.833	-1.080	0.318	0.066
Cri	101	303	-2.971	-3.101	-4.273	-0.829
Hnd	141	468	-3.288	-1.976	-1.271	-0.843
Chl	1,251	4,207	2.194	-2.387	-0.335	-1.230
Col	1,690	12,859	-2.749	-1.677	-1.690	-1.755
Arg	3,160	25,329	-3.286	-1.793	-4.310	-2.043
Blz	17	368	-0.305	-2.183	-1.060	-2.634
Epu	58	5,309	-3.621	-4.247	-2.031	-4.703

### Non-Alcoholic Beverages



	RCA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
	X:94-96			
Tto	2.146	2.932	27590	1529
Arg	-1.869	0.662	24916	9314
Bra	-0.377	-0.489	18081	34003
Ven	-0.653	0.376	17810	294
Slv	2.147	1.851	6351	1442
Brb	2.778	2.582	1947	2717
Kna	3.993	4.019	1000	1150
Lca	2.313	1.946	383	2255

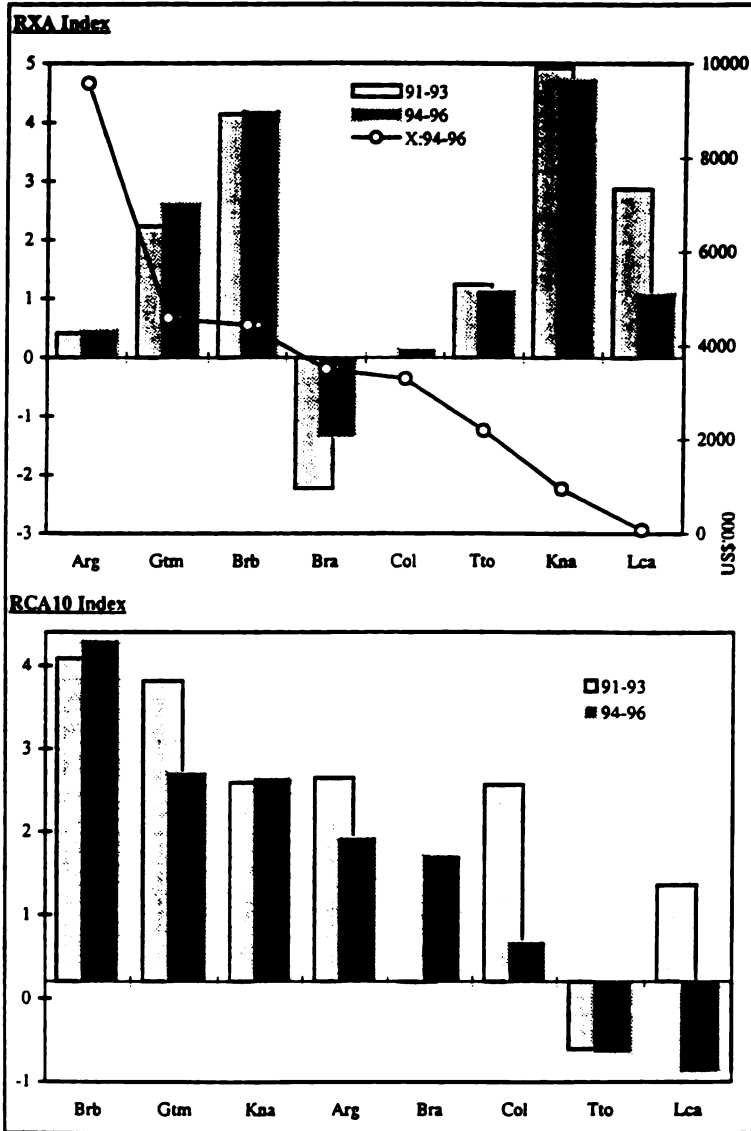


	RCA10 Index	
	91-93	94-96
Ven	1.877	3.465
Tto	1.495	2.495
Slv	2.872	2.026
Kna	1.292	1.414
Arg	-3.062	0.943
Brb	0.901	0.699
Lca	-0.412	-0.641
Bra	3.650	-0.703

### Other Major Competitors

	Average US\$'000		RCA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	94-96				
Chl	3,711	2,739	-0.335	-0.917	1.666	0.196
Cri	730	3,517	-0.539	-0.741	-0.502	-1.396
Col	401	14,079	-2.238	-2.734	0.352	-3.379
Ury	146	5,287	-4.273	-2.133	-4.259	-3.386
Ecu	87	768	-6.097	-3.460	-6.007	-2.454
Blz	8	449	0.593	-2.556	-0.905	-3.679

## Margarine



	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	94-96
Arg	0.412	0.478	9,580	1,760
Gtm	2.229	2.614	4,582	939
Brb	4.141	4.193	4,437	226
Bra	-2.231	-1.360	3,500	778
Col	-	0.149	3,297	2,625
Tto	1.241	1.155	2,192	3,669
Kna	4.925	4.740	950	420
Lca	2.870	1.099	76	755

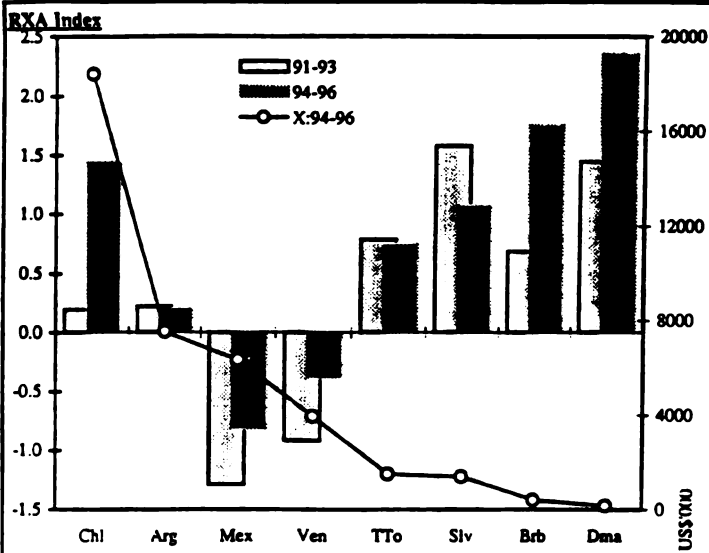
	RCA10 Index	
	91-93	94-96
Brb	3.887	4.106
Gtm	3.614	2.519
Kna	2.392	2.452
Arg	2.449	1.733
Bra	-0.002	1.521
Col	2.364	0.493
Tto	-0.808	-0.855
Lca	1.162	-1.083

## Other Major Competitors

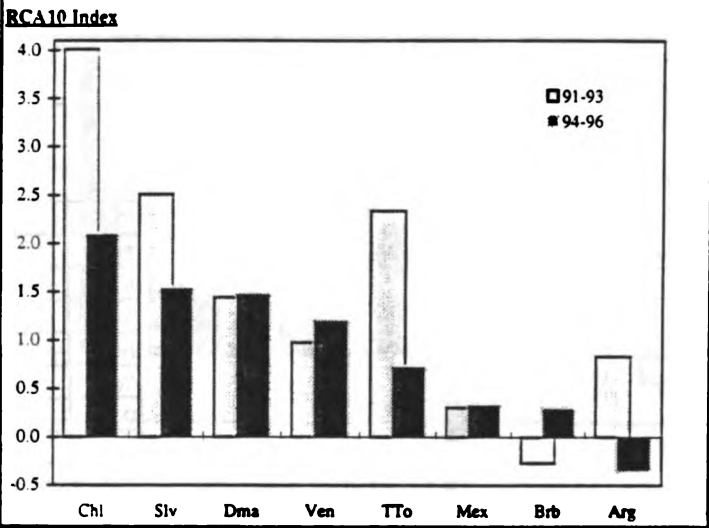
	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	94-96				
Ecu	172	29	-2.989	-2.004	1.061	1.584
Cri	217	474	-1.361	-1.181	2.035	-0.525
Per	976	2,207	-3.337	-0.478	-1.403	-0.534
Chl	497	869	-2.313	-2.154	1.404	-0.587
Slv	824	2,927	-1.001	0.579	-2.439	-0.651
Ven	1,640	3,274	-3.435	-1.241	0.038	-1.260
Ant	194	1,695	-0.617	-0.796	-1.589	-2.002
Mex	540	18,004	-3.957	-3.262	-4.166	-3.402



### Macaroni



	RXA		Average US\$'000	
	Index		Exports	Imports
	91-93	94-96	X:94-96	94-96
Chl	0.195	1.446	18.421	2.151
Arg	0.220	0.208	7.514	10.805
Mex	-1.286	-0.821	6.338	4.994
Ven	-0.918	-0.389	3.937	651
TTo	0.783	0.750	1.501	502
Siv	1.576	1.077	1.390	537
Brb	0.687	1.751	404	878
Dma	1.442	2.351	146	76

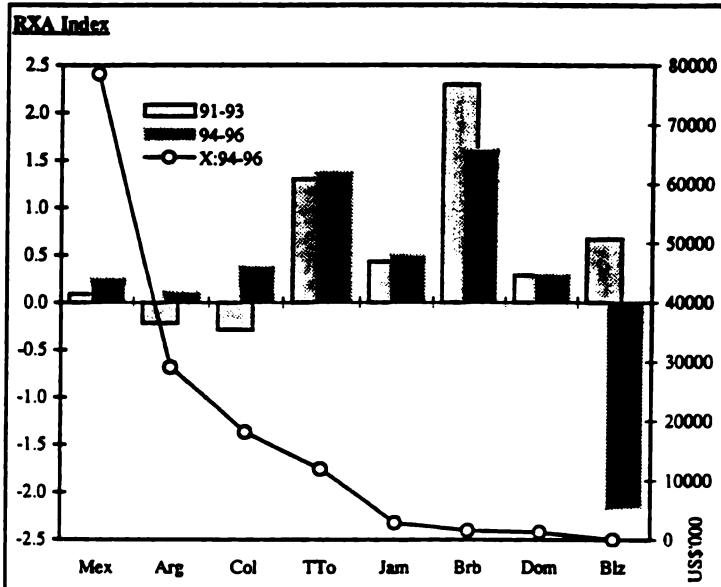


	RCA10	
	Index	
	91-93	94-96
Chl	4.012	2.106
Siv	2.508	1.546
Dma	1.442	1.492
Ven	0.977	1.210
TTo	2.336	0.734
Mex	0.303	0.341
Brb	-0.271	0.306
Arg	0.831	-0.358

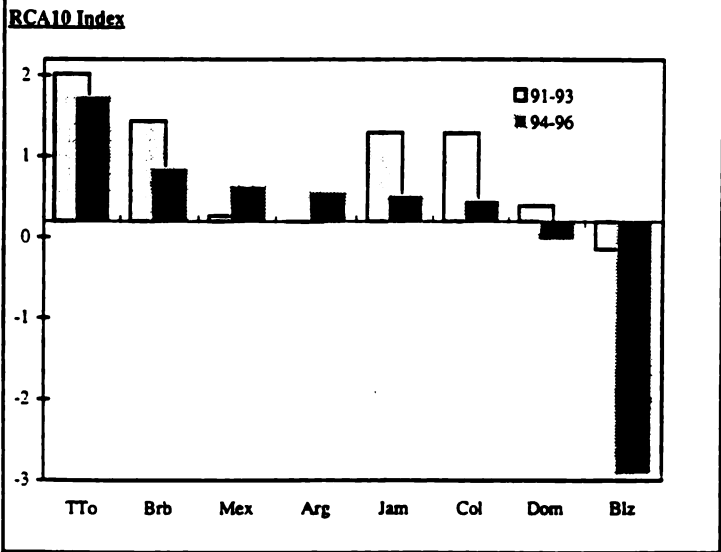
### Other Major Competitors

	Average US\$'000		RXA		RCA10	
	Exports	Imports	Index		Index	
	X:94-96	94-96	91-93	94-96	91-93	94-96
Bol	1,212	231	0.122	1.252	1.455	1.803
Gtm	1,228	824	-0.356	1.267	-0.749	1.303
Cri	1,245	456	0.177	0.542	1.728	1.238
Ury	794	1,358	-0.585	0.310	0.043	-0.276
Lca	24	397	-2.473	-0.079	-3.813	-1.617
Ecu	80	724	-6.088	-2.795	-4.574	-2.425
Jam	11	247	-5.103	-3.601	-2.709	-2.504
Bra	779	10,874	-3.221	-2.890	-2.451	-2.654
Per	81	6,403	-5.842	-2.994	-5.095	-4.118
Col	36	3,299	-6.289	-4.396	-5.335	-4.280

**Pastry**



	RXA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
	91-93	94-96	X:94-96	94-96
Mex	0.092	0.255	78,518	55,843
Arg	-0.216	0.110	29,040	20,441
Col	-0.285	0.377	18,092	17,574
TTo	1.304	1.375	11,893	1,770
Jam	0.432	0.498	2,822	3,727
Brb	2.299	1.615	1,497	2,300
Dom	0.285	0.293	1,267	5,867
Blz	0.672	-2.159	24	810

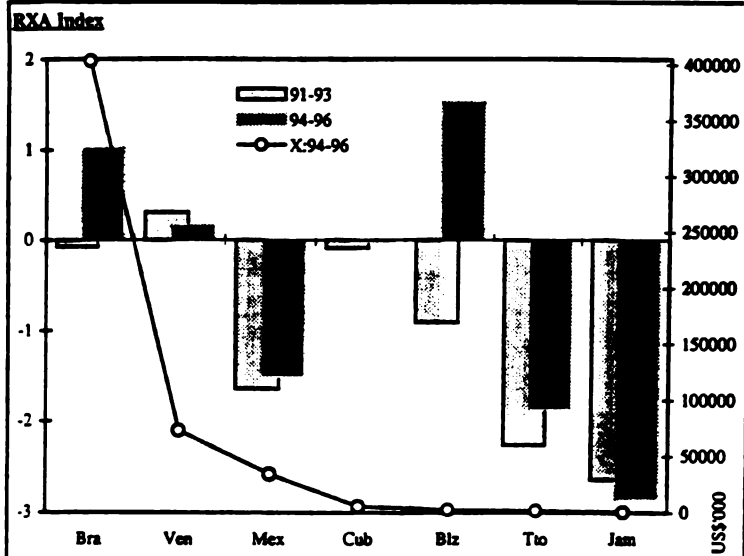


	RCA10 Index	
	91-93	94-96
TTo	1.818	1.544
Brb	1.241	0.651
Mex	0.069	0.432
Arg	-0.008	0.356
Jam	1.099	0.325
Col	1.090	0.266
Dom	0.192	-0.226
Blz	-0.346	-3.122

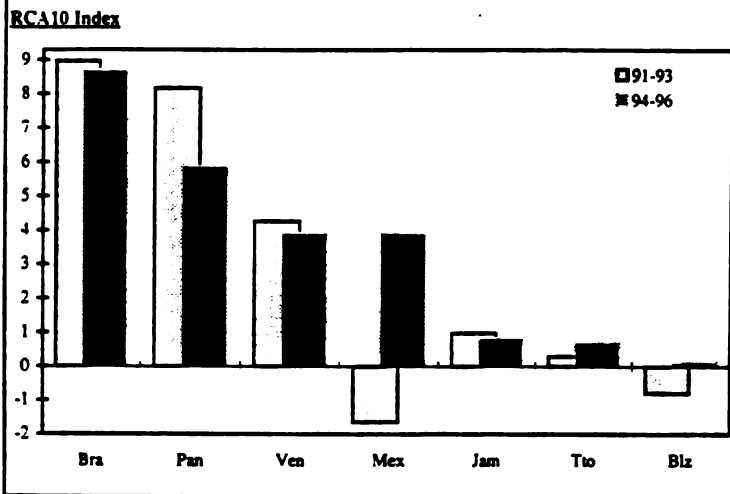
**Other Major Competitors**

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	94-96	91-93	94-96	91-93	94-96
Chl	15,881	4,589	-0.240	-0.163	2.185	1.186
Bra	13,868	33,381	-2.163	-1.460	-0.508	-0.897
Cri	13,494	2,991	0.935	1.481	1.863	1.741
Ury	9,061	8,580	0.296	1.299	0.349	0.313
Ven	8,171	5,702	-2.120	-1.110	-0.362	-0.235
Gtm	6,349	9,254	-0.164	1.463	-1.188	0.523
Slv	4,872	9,183	1.439	0.882	0.959	-0.046
Nic	2,577	2,411	1.256	1.306	0.525	0.585
Ecu	1,644	6,189	-2.095	-1.222	-1.516	-1.553
Per	404	8,435	-3.914	-2.837	-3.130	-2.788
Hnd	162	5,768	-1.837	-2.157	-1.448	-3.261

## Cigarettes



	RCA Index		Average US\$'000	
	91-93	94-96	X:94-96	94-96
Bra	-0.076	1.030	403,645	56
Ven	0.307	0.169	72,770	655
Mex	-1.641	-1.508	33,967	611
Cub	-0.086	-0.014	5,300	..
Blz	-0.908	1.532	2,363	2,559
Tto	-2.263	-1.869	1,164	320
Jam	-2.637	-2.846	249	158

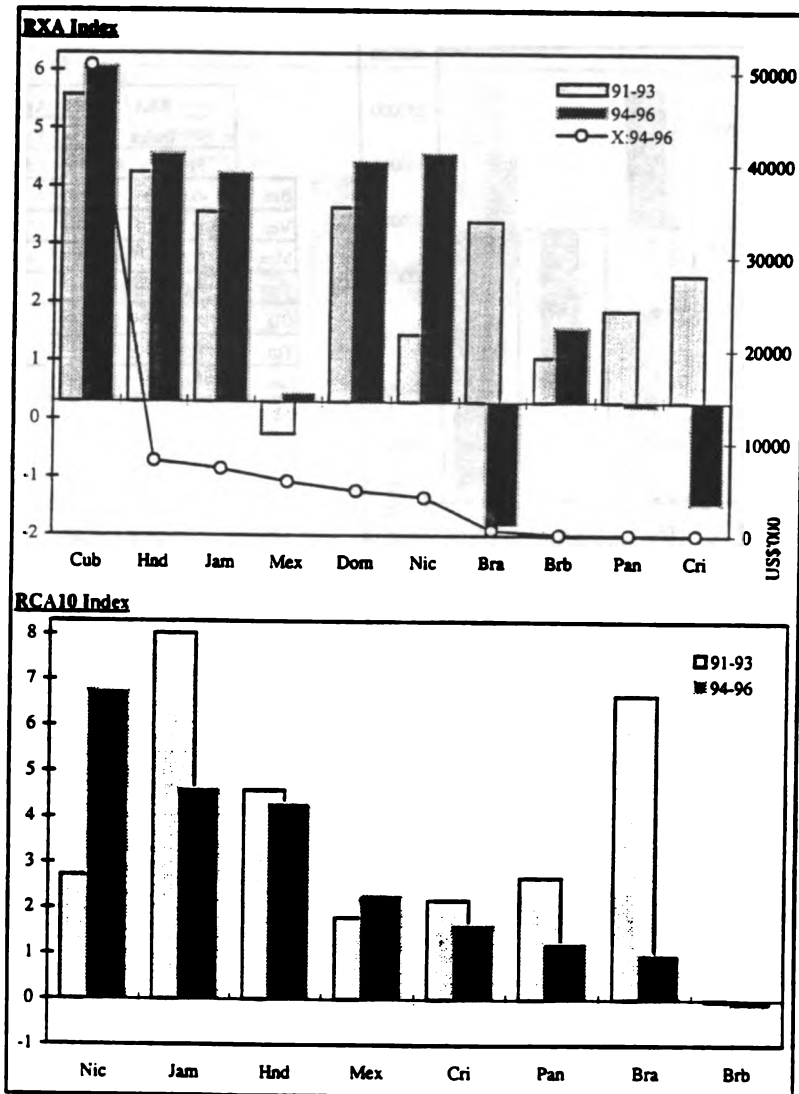


	RCA10 Index	
	91-93	94-96
Bra	8.969	8.699
Pan	8.174	5.890
Ven	4.264	3.918
Mex	-1.641	3.904
Jam	0.984	0.853
Tto	0.303	0.721
Blz	-0.794	0.121

## Other Major Competitors

	Average US\$'000		RCA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96	94-96				
Ury	7.148	27	-1.422	0.146	2.312	5.635
Arg	15.360	297	-1.644	-1.445	3.759	3.746
Bol	2.904	237	-2.587	-0.237	0.492	2.444
Gtm	4.524		-1.832	0.209	3.228	1.303
Brb	741	188	0.000	-0.005	4.468	0.403
Ecu	355	236	-0.588	-3.669	6	-0.022
Slv	2.540	4.072	-	-0.685	2.297	-0.088
Chl	834	1.821	-2.566	-4.027	3.902	-1.044
Hnd	92	640	-1.069	-3.636	1	-1.828
Col	386	9,293	-0.251	-4.388	1.926	-3.151
Pan	4,959	48	-0.340	1.021		

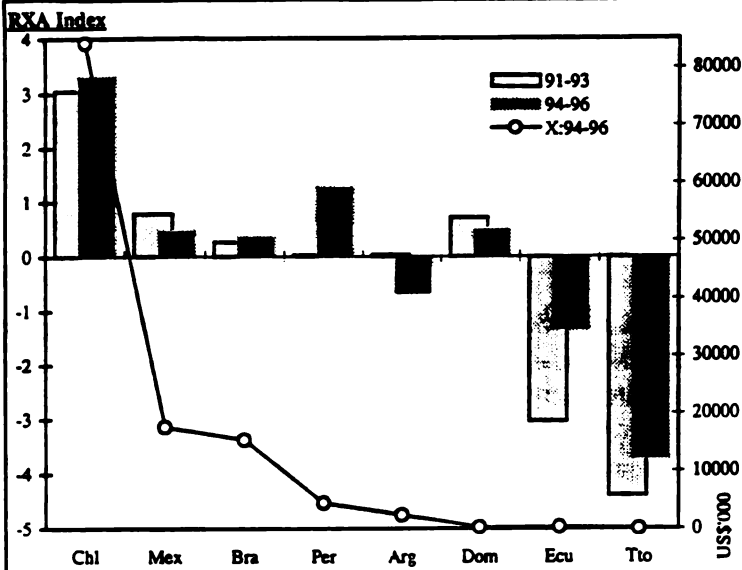
## Cigars and Cheroots



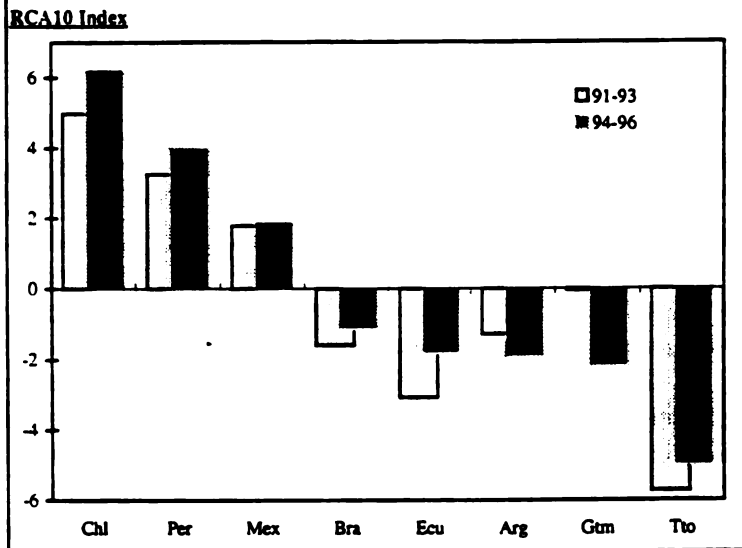
	RXA Index		Average US\$'000	
	91-93	94-96	X:94-96	94-96
Cub	5.276	5.785	50.667	..
Hnd	3.939	4.265	8.017	186
Jam	3.265	3.947	7.185	2
Mex	-0.552	0.152	5.844	798
Dom	3.344	4.139	4.811	..
Nic	1.158	4.285	4.124	10
Bra	3.108	-2.133	583	260
Brb	0.772	1.284	89	369
Pan	1.574	-0.078	55	82
Cri	2.179	-1.755	44	13

	RCA10 Index	
	91-93	94-96
Nic	2.724	6.769
Jam	8.030	4.635
Hnd	4.590	4.317
Mex	1.802	2.303
Cri	2.179	1.662
Pan	2.688	1.263
Bra	6.678	1.008
Brb	-0.028	-0.130

## Tomato Paste



	RXA Index		Average US\$'000	
	91-93	94-96	Exports	Imports
	X:94-96			
Chl	3.047	3.311	84,200	166
Mex	0.785	0.485	17,566	2,855
Bra	0.269	0.379	15,344	45,105
Per	0.031	1.290	4,439	105
Arg	0.035	-0.699	2,311	15,337
Dom	0.712	0.518	283	..
Ecu	-3.033	-1.356	256	1,241
Tto	-4.390	-3.725	13	1,319



	RCA10 Index	
	91-93	94-96
Chl	4.980	6.245
Per	3.248	3.993
Mex	1.802	1.908
Bra	-1.596	-1.133
Ecu	-3.082	-1.814
Arg	-1.286	-1.912
Gtm	-0.050	-2.191
Tto	-5.725	-4.998

## Other Major Competitors

	Average US\$'000		RXA Index		RCA10 Index	
	Exports	Imports	91-93	94-96	91-93	94-96
	X:94-96					
Pan	98	109	-0.110	-0.272	3.597	1.332
Slv	79	589	-2.130	-1.518	-1.736	-1.431
Hnd	89	3,790	-2.710	-1.030	-3.055	-3.451
Col	70	3,256	-3.826	-3.456	-3.341	-3.617
Ven	59	4,704	-4.861	-4.317	-4.283	-4.989
Gtm	126	2,730	-1.329	-0.737		

## Section II: Cross-Commodity Analysis

### *Small, Medium and Large Exporters*

This section presents the results of the trade advantage profile for the sixteen Caribbean countries included in this analysis. For ease of comparison, the countries are divided according to their level of participation in global trade. The average value of exports is used as a proxy measure of global trade participation. Countries earning less than US\$ 20 million per annum in agricultural exports were classified as small exporters; countries earning, on average, between US\$20 - \$80 million per annum, were classified as medium exporters; and countries earning over US\$80 million per annum were classified as large exporters.

In utilising this export-value based classification, the following two caveats are made:

- firstly, it relates only the level of trade among Caribbean countries is relative, and cannot be used to compare with their counterparts in Latin America;
- secondly, it does not allow distinctions to be made regarding the structure of a country's export; i.e. whether the country's exports are dominated by one or two high volume commodities, such as rice (Guyana and Suriname) and sugar (Cuba and Belize) exporters, or

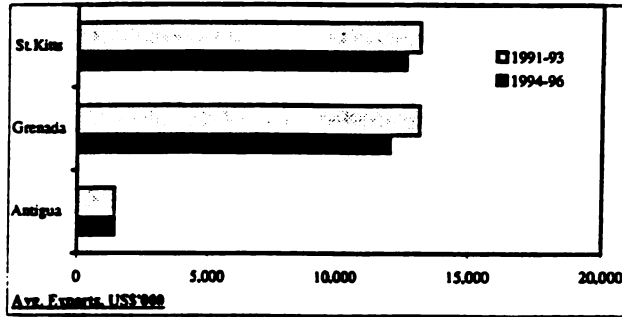
exporters of a limited range of high value-low volume commodities, such as alcoholic beverages in the Bahamas.

The RCA9 and RCA10 indices of individual commodities produced within a particular country can be used to rank-order commodities along the competitive-advantage/competitive-disadvantage continuum.

One may also glean from the tables that the typical commodity mix has not changed substantially for most CARIFORUM countries. Many of these countries continue to specialise in exports of tropical products (including coffee, cocoa and spices), fruits and vegetables and sugar. In the larger CARIFORUM countries, however, there has been an interesting shift toward consumer-oriented products over the last decade. This resulted in increases in both the share and rate of growth of processed products relative to agricultural trade. The RCA analysis indicates that certain products from the Caribbean are well positioned to participate in this growth segment of the agri-food market. Sausages and distilled alcoholic beverages are good examples of such products.

## Categorisation of Countries by Agricultural Export Value

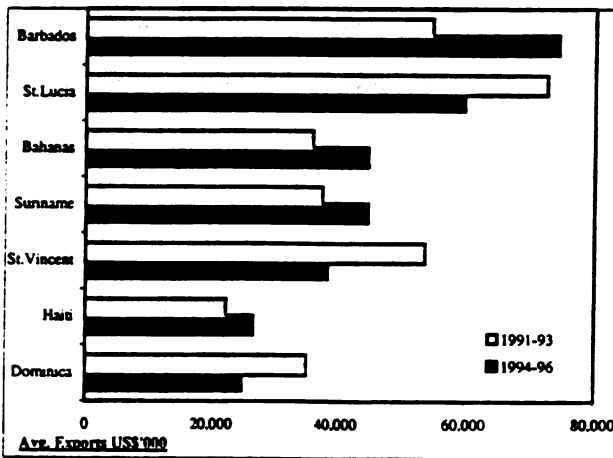
### Small Exporters



### All Agricultural Products

Small Exporters	Avg. Exp. US\$'000		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Antigua	1,407	1,410	-1.770	-1.495
Grenada	13,149	12,072	1.602	1.292
St. Kitts	13,161	12,648	1.584	1.745

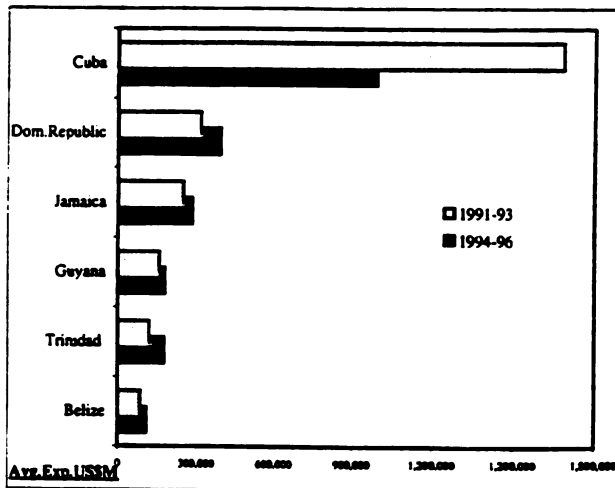
### Medium Exporters



### All Agricultural Products

Medium Exporters	Avg. Exp. US\$'000		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Dominica	35,208	24,821	1.874	1.293
Haiti	22,213	26,687	-1.859	-1.349
St. Vincent	53,876	38,627	2.673	2.589
Suriname	37,732	44,991	-0.232	-0.713
Bahamas	36,184	45,032	-1.659	-1.440
St. Lucia	72,639	59,830	1.764	2.062
Barbados	54,872	74,320	0.581	0.781

### Large Exporters



### All Agricultural Products

Large Exporters	Avg. Exp. US\$'000		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Belize	82,435	108,527	2.138	2.199
Trinidad	117,382	173,979	-0.979	-0.737
Guyana	155,250	177,066	1.838	1.715
Jamaica	246,604	281,406	0.669	0.735
Dom. Republic	314,368	390,527	1.765	1.810
Cuba	1,684,734	992,833	2.785	1.594

### *Small Exporters*

Based on this qualification, small exporters are Antigua and Barbuda, Grenada and St.Kitts, members of the Organisation of Eastern Caribbean States sub-group. Antigua and St.Kitts are small exporters from the perspective of both low export earnings and extremely high export commodity concentration. Only Antigua had negative RCA10 indices for total agricultural trade, implying that the country's overall agricultural sector was not competitive over the 1991-1996 period.

Antigua's agricultural exports are limited to a very narrow range of fruit and vegetables. As indicated by RCA10 indices of less than 0.5%, the country possessed neither competitive advantage nor disadvantage in fruit and vegetables and possessed competitive disadvantage in beverages. The same analysis applies to St.Kitts, with sugar exports dwarfing all other agricultural exports of the country. St.Kitts, however, possessed the highest competitive advantage in sugar (which comprised the entire sugar & honey category), compared to the limited range of other agricultural exports. This is due to the country's relatively higher export share and lower import share for sugar than

for margarine and non-alcoholic and alcoholic beverages.

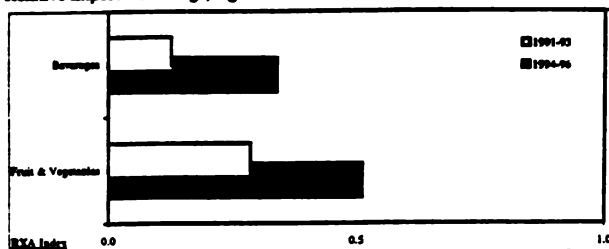
The status of these countries as small exporters derives largely from the geo-physical limitations to agricultural production. Grenada, on the other hand is less constrained. The trade advantage profile presented for the five agricultural sub-sectors in Grenada span the competitive- advantage / competitive- disadvantage continuum. Over the 1991-1996 period, Grenada was most competitive coffee, cocoa tea and spices and least competitive in meat and preparations and beverages.

The relatively strong revealed competitive advantage for coffee, cocoa, tea and spices is due largely to the dominance of spices and cocoa in this category. Grenada's agricultural exports have traditionally been concentrated in spices category, as indicated by the limited range of non-spice agricultural exports. While spices are generally high valued products, the fall in prices from the late 1980s had an adverse impact on the country's level of export earnings, thus relegating Grenada to the status of small exporter.



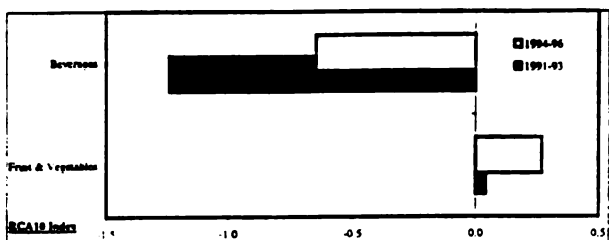
## Antigua and Barbuda

**Relative Export Advantage, Agricultural Sub-Sectors**



Agricultural Sub-Sectors	Avg.Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Fruit & Vegetables	1,000	1,000	0.288	0.512
Beverages	377	380	0.129	0.341

**Revealed Competitive Advantage, Agricultural Sub-Sectors**



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Fruit & Vegetables	0.042	0.267
Beverages	-1.240	-0.646

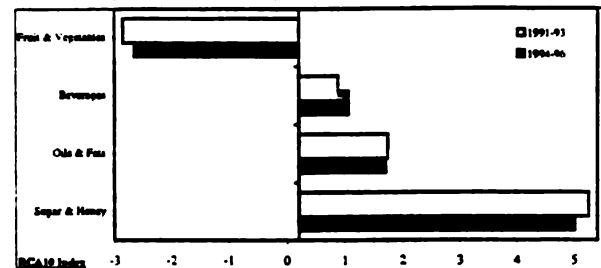
## St.Kitts and Nevis

**Relative Export Advantage, Agricultural Sub-Sectors**



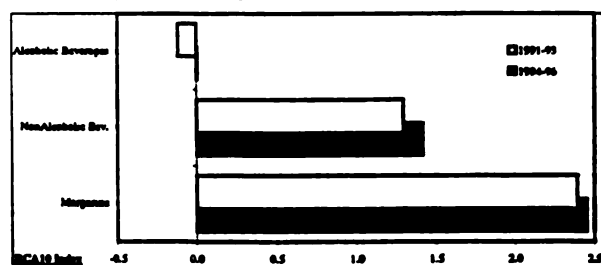
Agricultural Sub-Sectors	Avg.Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sugar & Honey	10,933	10,460	4.940	5.027
Beverages	1,207	1,210	1.792	1.928
Oils & Fats	933	633	1.887	1.803
Fruit & Vegetables	18	18	-3.281	-3.133

**Revealed Competitive Advantage, Agricultural Sub-Sectors**



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Sugar & Honey	5.046	4.801
Oils & Fats	1.538	1.503
Beverages	0.683	0.860
Fruit & Vegetables	-3.051	-2.850

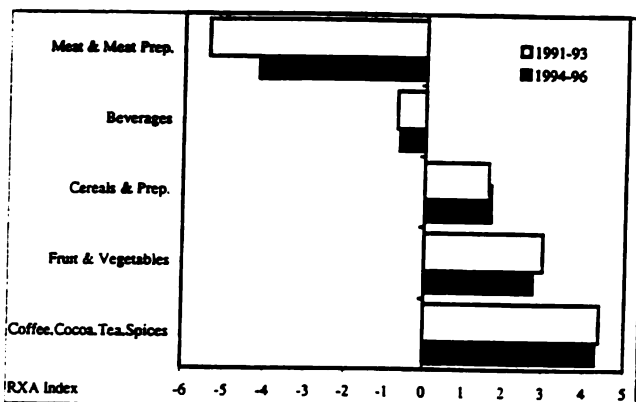
**Revealed Competitive Advantage, Individual Commodities**



Individual Commodities	Avg.Exp. US\$'000		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Margarine	933	950	2.392	2.452
NonAlcoholic Bev.	1,000	1,000	1.292	1.414
Alcoholic Beverages	207	210	-0.116	0.007

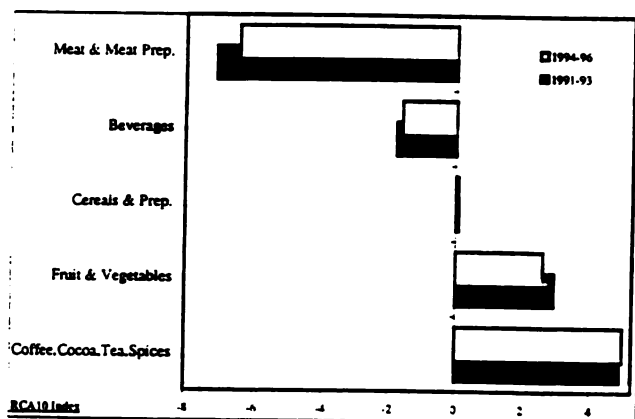
## Grenada

**Relative Export Advantage, Agricultural Sub-Sectors**



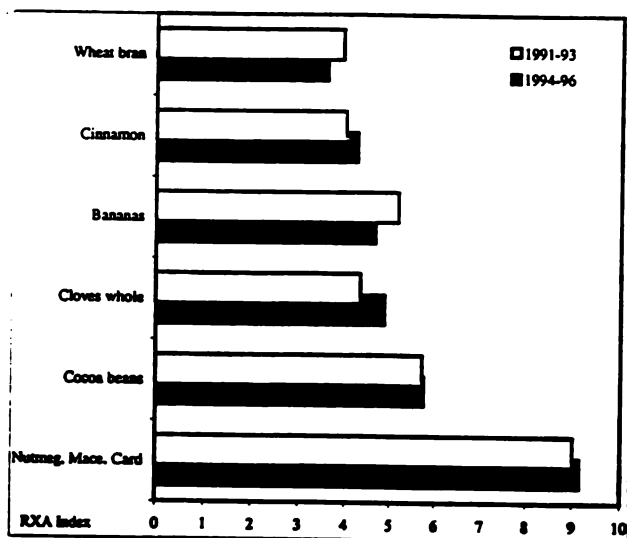
Agricultural Sub-Sectors	Avg.Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Coffee, Cocoa, Tea, Spices	6,555	6,705	4.385	4.294
Fruit & Vegetables	4,919	3,804	2.985	2.743
Cereals & Prep.	1,296	1,256	1.602	1.680
Beverages	69	69	-0.714	-0.652
Meat & Meat Prep.	1	3	-5.412	-4.187

**Revealed Competitive Advantage, Agricultural Sub-Sectors**



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Coffee, Cocoa, Tea, Spices	4.878	4.945
Fruit & Vegetables	2.951	2.624
Cereals & Prep.	0.090	0.081
Beverages	-1.805	-1.630
Meat & Meat Prep.	-7.125	-6.460

**Revealed Competitive Advantage, Individual Commodities**



Individual Commodities	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Nutmeg, Mace, Card	3,515	3,582	9.006	9.154
Cocoa beans	2,917	3,001	5.717	5.754
Cloves whole	18	18	4.334	4.877
Bananas	2,895	1,916	5.171	4.670
Cinnamon	42	42	4.003	4.262
Wheat bran	63	35	3.937	3.600

## *Medium Exporters*

Medium exporter countries include the remaining countries of the Organisation of Eastern Caribbean States sub-group, as well as Haiti, the Bahamas, Suriname and Barbados. According to the results, St.Vincent, followed by St.Lucia's agricultural sector had the highest competitive advantage in international trade, both with indices of over 2.000 in the 1994-96 sub-period.

The overall agricultural sector for three out of the seven countries in this sub-group possessed competitive disadvantage in international trade, as indicated by negative RCA10 index values. While Haiti and the Bahamas experienced an improvement in the agricultural sector's trade performance in the 1994-96 period, the competitive disadvantage of both Suriname deteriorated.

The results for St.Vincent and St.Lucia indicate that much of these countries relatively high competitive advantage in agricultural trade derived mainly from exports of fruit and vegetables. For both countries, the measured RCA indices for this category exceeded 4.000. This finding may be because St.Vincent and St.Lucia have a higher relative export share and lower import share for fruit and vegetables, as a whole, than for any other commodity group, particularly "Oils and Fats" in St.Vincent and "Cereals and Preparations" in St.Lucia.

Among the two-way traded commodities, pepper (white, long and black) ranked the highest in terms of competitive advantage in St.Lucia, with nutmeg, mace and cardamon having the highest competitive advantage among all the commodities produced and traded in St.Vincent. Of note is that the main agro-processed commodities produced and trade in St.Lucia's appear to have a competitive disadvantage in international trade. Among the one-way trade commodities (exports only) bananas ranked

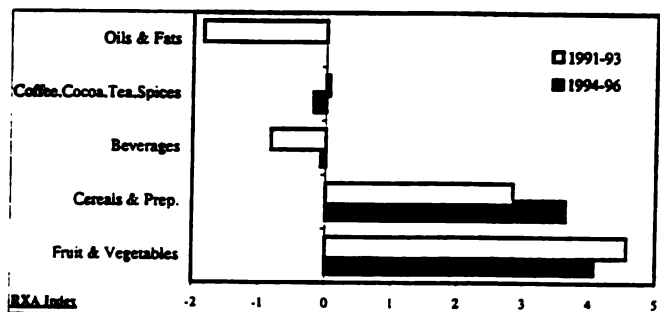
highly among the top competitive commodities in both countries, with sweet potato edging out bananas as the commodity with the highest export competitive advantage in St.Vincent. Again this is due primarily to their dominance in the agricultural exports of these countries.

The results clearly indicate those agricultural industries and individual commodities in which the remaining medium exporters have competitive advantage relative to all other commodities produced and traded, and those which do not. The results also confirm the earlier observation that these countries generally continue to specialise in the export of tropical products.

With the notable exception of Barbados, the structure of the agricultural sector, in terms of product base, remains concentrated on a narrow range of traditional commodities, with poor performance in the agro-processed industries. Based on the results, Barbados possessed fairly high competitive advantage in a wide range of primary and processed agricultural commodities, including composite poultry feed, yogurt concentrates, ice-cream and bread.

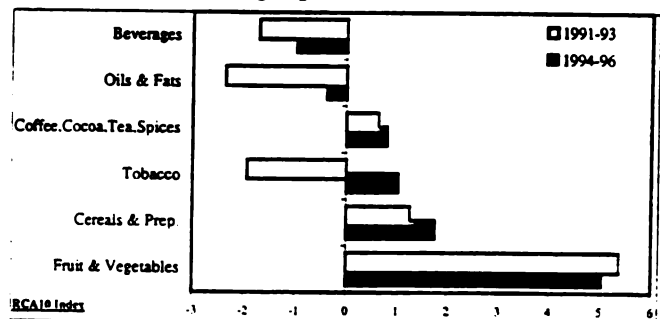
Suriname, Haiti and the Bahamas are included in the group of medium exporters only by virtue of the level of their agricultural export values, supported almost entirely by exports of rice, coffee and alcoholic beverages, respectively. If the country classification was structurally-based, then these countries, more-so Haiti and Suriname, would more appropriately be included in the "small-exporter" classification. Interestingly, for the Bahamas, grapefruit and pomelo possessed a higher relative competitive advantage than alcoholic beverages. This may be entirely due to higher relative export share and lower import share for grapefruit and pomelo than for alcoholic beverages in the Bahamas.

Relative Export Advantage, Agricultural Sub-Sectors



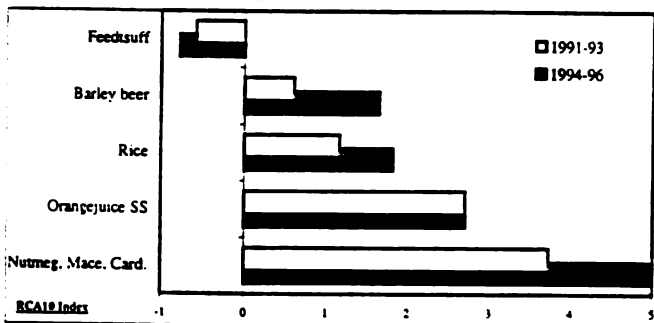
Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Fruit & Vegetables	40,312	22,515	4.562	4.080
Cereals & Prep.	12,454	15,309	2.840	3.639
Beverages	198	287	-0.825	-0.075
Coffee.Cocoa.Tea.Spices	395	258	0.047	-0.193
Oils & Fats	53	0	-1.848	-

Revealed Competitive Advantage, Agricultural Sub-Sectors



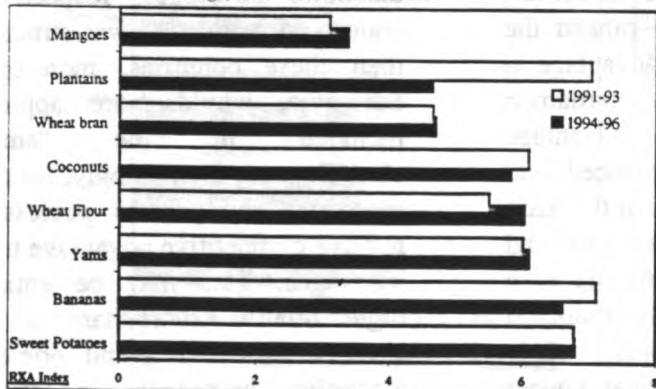
Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Fruit & Vegetables	5.371	5.042
Cereals & Prep.	1.256	1.753
Tobacco	-1.933	1.032
Coffee.Cocoa.Tea.Spices	0.631	0.799
Oils & Fats	-2.362	-0.390
Beverages	-1.717	-0.983

Revealed Competitive Advantage, Individual Commodities



Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Nutmeg. Mace. Card.	75	170	3.733	4.957
Orangejuice SS	307	307	2.706	2.710
Rice	4,633	6,439	1.160	1.816
Barley beer	198	287	0.603	1.647
Feedsuff	418	248	-0.593	-0.783

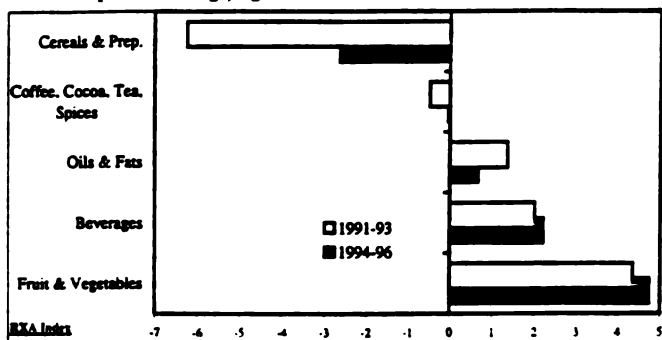
Relative Export Advantage, Individual Commodities



Individual Commodities	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sweet Potatoes	1,347	443	6.780	6.798
Bananas	35,448	20,187	7.117	6.608
Yams	132	98	6.013	6.104
Wheat Flour	7,821	8,869	5.496	6.030
Coconuts	256	132	6.095	5.825
Wheat bran	413	245	4.658	4.699
Plantains	744	81	7.032	4.645
Mangoes	90	90	3.092	3.365

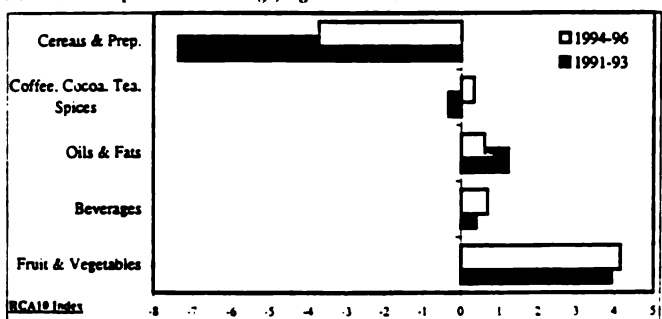
## St. Lucia

### Relative Export Advantage, Agricultural Sub-Sectors



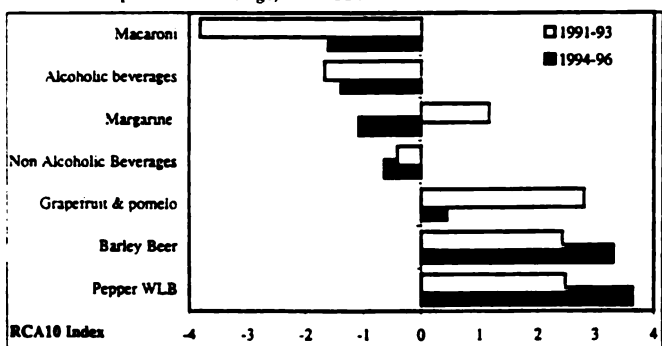
Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Fruit & Vegetables	63,911	53,047	4.348	4.735
Beverages	5,611	4,693	2.012	2.215
Oils & Fats	2,247	614	1.364	0.675
Coffee, Cocoa, Tea, Spic	410	526	-0.472	-0.034
Cereals & Prep.	3	73	-6.248	-2.632

### Revealed Competitive Advantage, Agricultural Sub-Sectors



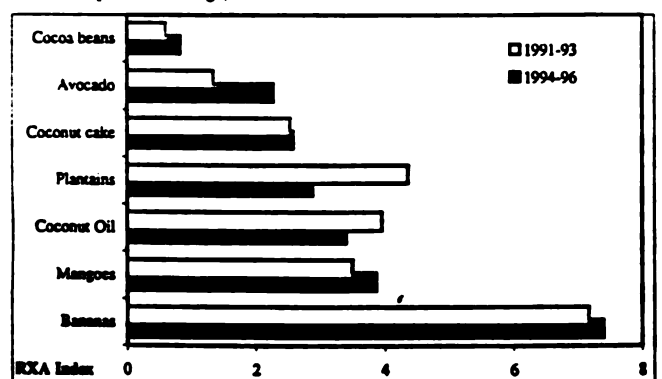
Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Fruit & Vegetables	3.935	-4.147
Beverages	0.399	0.679
Oils & Fats	1.221	0.605
Coffee, Cocoa, Tea, Spices	-0.325	0.331
Cereals & Prep.	-7.372	-3.737

### Revealed Competitive Advantage, Individual Commodities



Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Pepper WLB	212	382	2.478	3.637
Barley Beer	4,581	3,949	2.423	3.307
Grapefruit & pomelo	19	16	2.807	0.448
Non Alcoholic Beverage	721	383	-0.412	-0.641
Margarine	493	76	1.162	-1.083
Alcoholic beverages	310	284	-1.676	-1.398
Macaroni	3	24	-3.813	-1.617

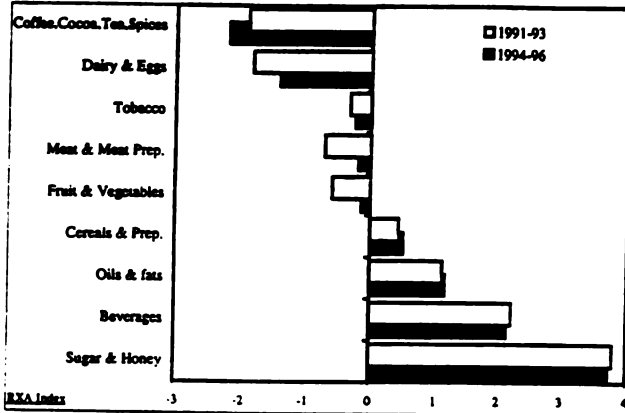
### Relative Export Advantage, Individual Commodities



Individual Commodities	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Bananas	63,129	51,848	7.172	7.402
Mangoes	233	257	3.491	3.862
Coconut Oil	1,085	529	3.951	3.397
Plantains	92	24	4.360	2.872
Coconut cake	44	27	2.520	2.575
Avocado	21	39	1.330	2.267
Cocoa beans	112	103	0.590	0.822

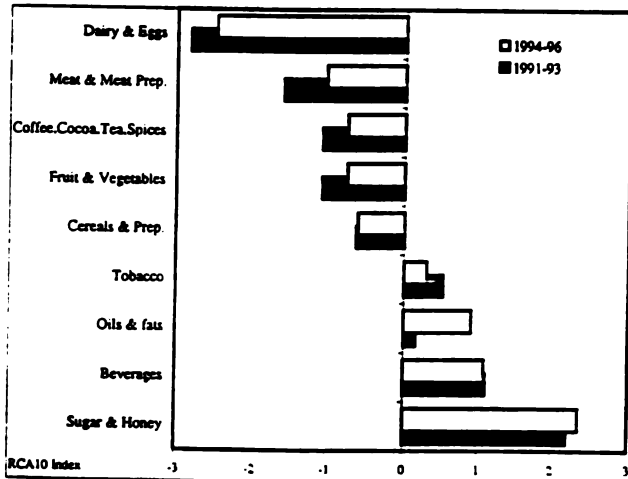
**Barbados**

**Relative Export Advantage, Agricultural Sub-Sectors**



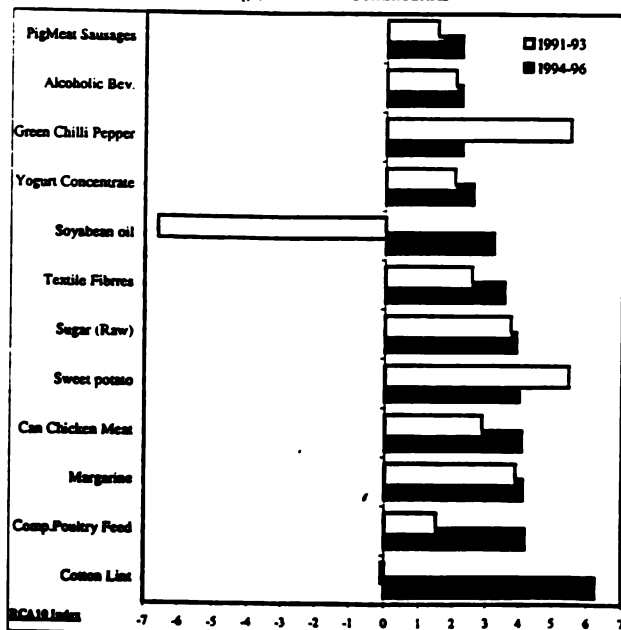
Agricultural Sub-Sectors	Avg.Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sugar & Honey	27.990	30.660	3.785	3.724
Beverages	11.057	11.761	2.205	2.136
Oils & fats	2.863	2.672	1.106	1.156
Cereals & Prep.	3.808	4.415	0.422	0.495
Fruit & Vegetables	1.644	2.845	-0.581	-0.134
Meat & Meat Prep.	1.010	1.796	-0.703	-0.185
Tobacco	775	867	-0.324	-0.240
Dairy & Eggs	205	327	-1.828	-1.415
Coffee.Cocoa.Tea.Spices	161	164	-1.906	-2.199

**Revealed Competitive Advantage, Agricultural Sub-Sectors**



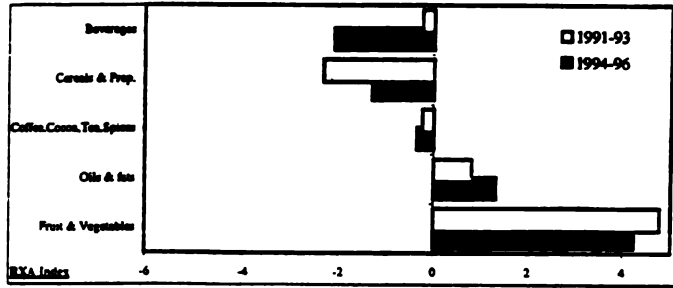
Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Sugar & Honey	2.208	2.357
Beverages	1.099	1.077
Oils & fats	0.152	0.902
Tobacco	0.520	0.300
Cereals & Prep.	-0.622	-0.602
Fruit & Vegetables	-1.075	-0.739
Coffee.Cocoa.Tea.Spices	-1.075	-0.739
Meat & Meat Prep.	-1.598	-1.024
Dairy & Eggs	-2.817	-2.485

**Revealed Competitive Advantage, Individual Commodities**



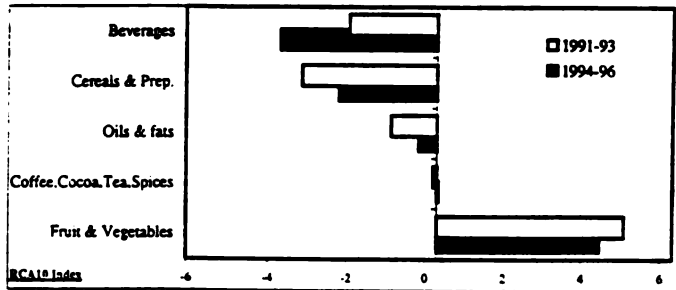
Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Cotton Lint	346	601	-0.075	6.241
Comp.Poultry Feed	41	205	1.506	4.162
Margarine	2.848	4.437	3.887	4.106
Can Chicken Meat	87	147	2.876	4.074
Sweet potato	305	422	5.466	3.991
Sugar (Raw)	27.010	30.574	3.731	3.896
Textile Fibres	346	601	2.550	3.526
Soybean oil	1	245	-6.608	3.197
Yogurt Concentrate	158	198	2.016	2.564
Green Chilli Pepper	230	265	5.480	2.235
Alcoholic Bev.	8.502	9.149	2.022	2.205
PigMeat Sausages	678	1.212	1.472	2.202
<b>Others</b>				
Ice Cream Plus	208	677	2.711	2.176
Bread	2	595	0.127	1.590
Orangejuice SS	61	200	0.49	1.255
Non-Alcoholic Bev.	1.877	1.947	0.901	0.699
Pastry	2.259	1.497	1.241	0.651
Corn Flour	183	219	3.113	0.582
Cigarettes	690	741	1.468	0.403
Garlic	90	96	0.402	0.372
Macaroni	116	404	-0.271	0.306

Relative Export Advantage, Agricultural Sub-Sectors



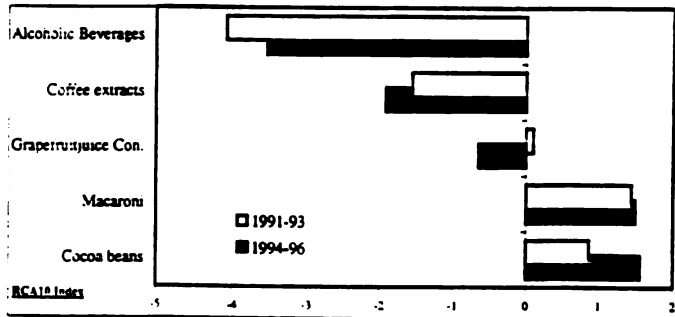
Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Fruit & Vegetables	33,292	22,864	4.765	4.238
Oils & fats	567	627	0.801	1.324
Coffee, Cocoa, Tea, Spices	227	206	-0.240	-0.352
Cereals & Prep.	66	146	-2.333	-1.314
Beverages	269	35	-0.247	-2.117

Revealed Competitive Advantage, Agricultural Sub-Sectors



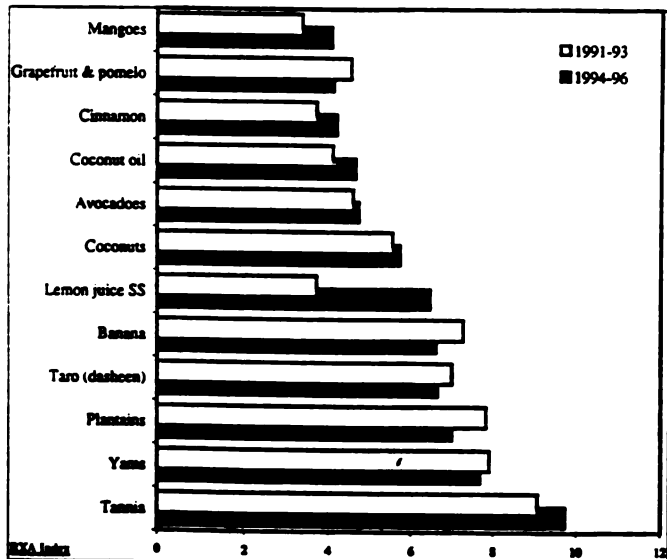
Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Fruit & Vegetables	4.781	4.162
Coffee, Cocoa, Tea, Spices	-0.091	0.042
Oils & fats	-1.164	-0.467
Cereals & Prep.	-3.439	-2.497
Beverages	-2.243	-3.987

Revealed Competitive Advantage, Individual Commodities



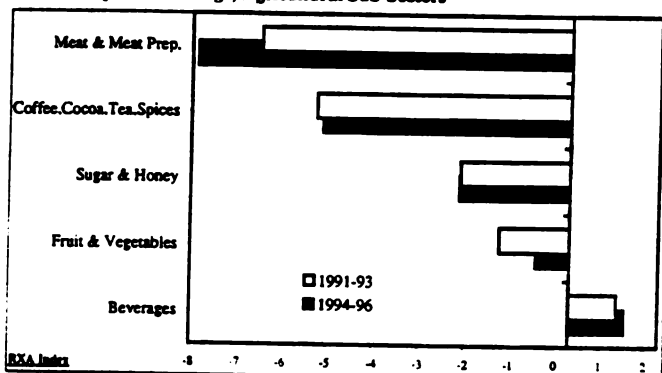
Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Cocoa beans	43	26	0.869	1.556
Macaroni	66	146	1.442	1.492
Grapefruit/juice Con.	239	91	0.103	-0.650
Coffee extracts	15	12	-1.564	-1.922
Alcoholic Beverages	16	16	-0.074	-3.541

Relative Export Advantage, Individual Commodities



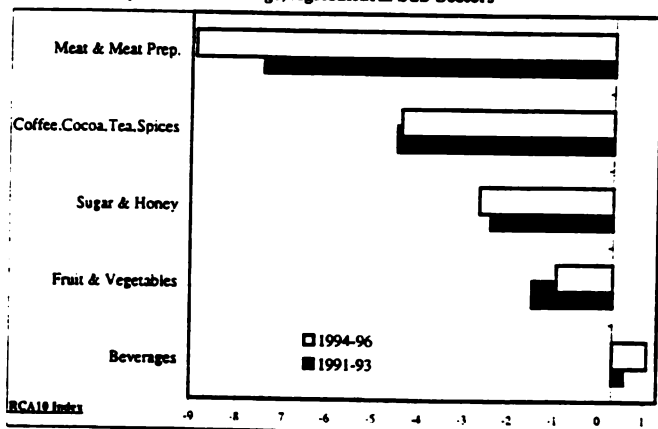
Individual Commodities	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Tannia	400	351	9.0671	9.731
Yams	294	433	7.9066	7.680
Plantains	1,228	774	7.828	6.993
Taro (dasheen)	435	516	6.989	6.642
Banana	29,110	19,891	7.269	6.617
Lemon juice SS	20	99	3.714	6.464
Coconuts	115	113	5.558	5.736
Avocadoes	243	245	4.607	4.732
Coconut oil	985	561	4.115	4.656
Cinnamon	78	87	3.727	4.207
Grapefruit & pomelo	642	338	4.548	4.128
Mangoes	91	171	3.373	4.077
Ginger	59	62	3.925	3.931
Pumpkin & Squash	74	65	2.913	3.073
Lemons & limes	100	142	2.583	3.013
Oranges	211	275	2.133	2.63

Relative Export Advantage, Agricultural Sub-Sectors



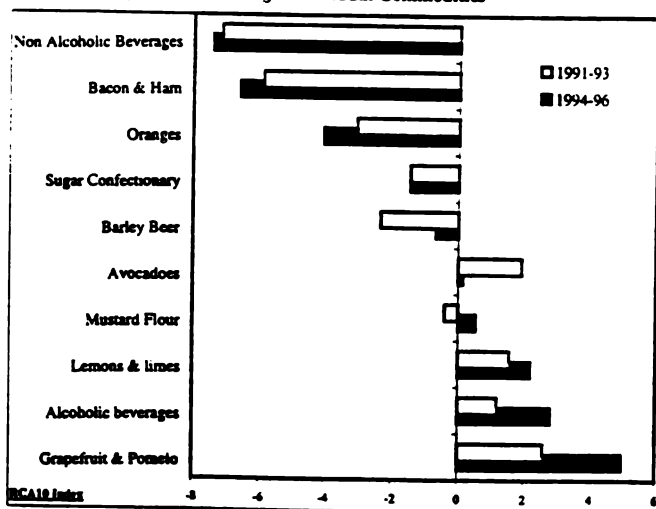
Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Beverages	28,670	32,004	1.068	1.241
Fruit & Vegetables	4,937	10,102	-1.537	-0.738
Sugar & Honey	523	490	-2.403	-2.421
Coffee, Cocoa, Tea, Spices	33	43	-5.542	-5.404
Meat & Meat Prep.	18	4	-6.786	-8.165

Revealed Competitive Advantage, Agricultural Sub-Sectors



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Beverages	0.259	0.772
Fruit & Vegetables	-1.792	-1.253
Sugar & Honey	-2.710	-2.957
Coffee, Cocoa, Tea, Spices	-4.777	-4.694
Meat & Meat Prep.	-7.740	-9.207

Revealed Competitive Advantage, Individual Commodities

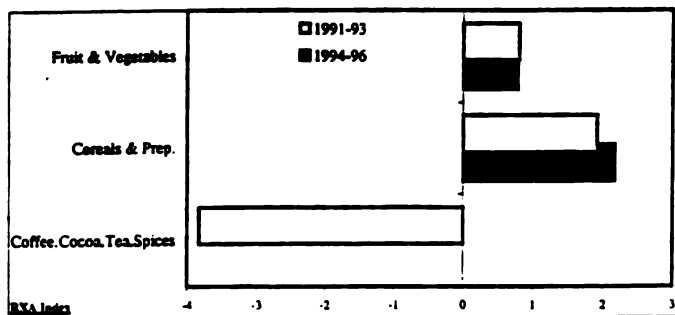


Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Grapefruit & Pomelo	525	3,833	2.584	4.967
Alcoholic beverages	28,271	32,000	1.193	2.804
Lemons & limes	494	933	1.556	2.189
Mustard Flour	97	290	-0.401	0.538
Avocados	89	30	1.933	0.150
Barley Beer	295	0	-2.334	-0.675
Sugar Confectionary	490	490	-1.454	-1.440
Oranges	14	5	-3.055	-4.042
Bacon & Ham	8	4	-5.900	-6.618
Non Alcoholic Beverage	4	4	-7.168	-7.423



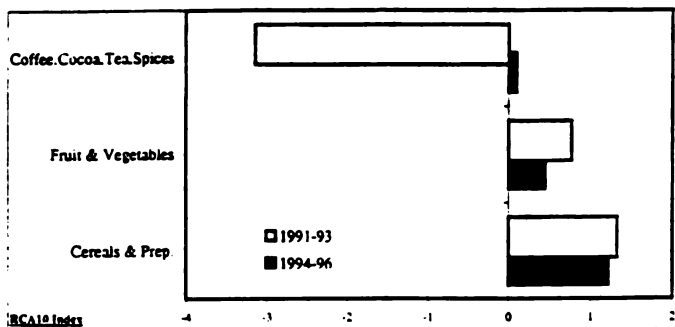
**Suriname**

**Relative Export Advantage, Agricultural Sub-Sectors**



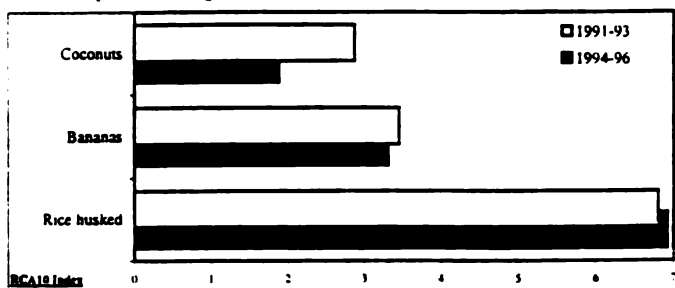
Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Coffee, Cocoa, Tea, Spices	40	0	-3.826	-
Cereals & Prep.	26,847	34,000	1.914	2.165
Fruit & Vegetables	10,785	10961	0.798	0.782

**Revealed Competitive Advantage, Agricultural Sub-Sectors**



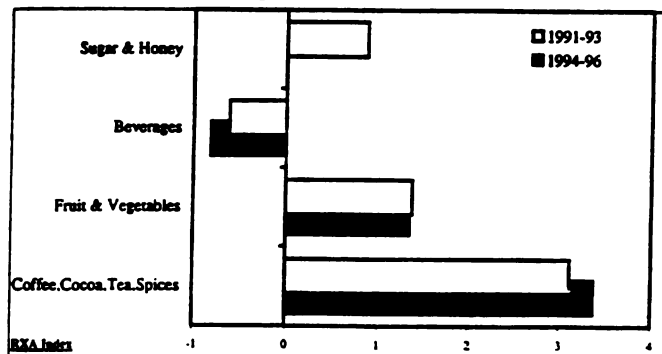
Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Cereals & Prep.	1.319	0.767
Fruit & Vegetables	0.443	1.210
Coffee, Cocoa, Tea, Spices	-3.144	0.091

**Relative Export Advantage, Individual Commodities**



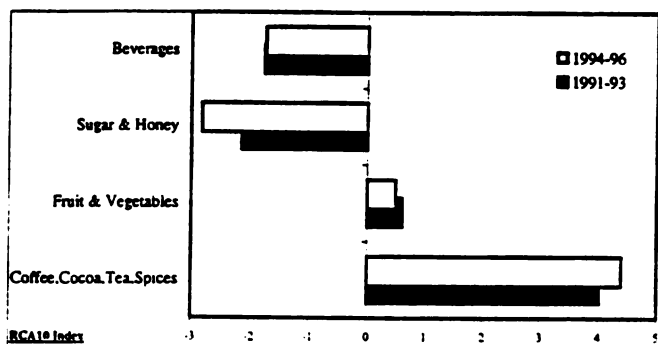
Individual Commodities	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Rice husked	26,328	34,000	6.797	6.924
Bananas	9,085	9,167	3.456	3.316
Coconuts	50	19	2.875	1.882

Relative Export Advantage, Agricultural Sub-Sectors



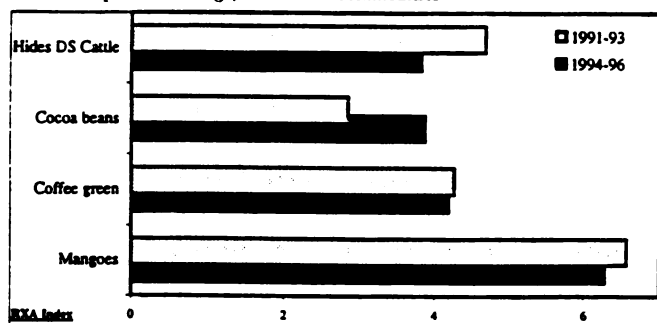
Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Coffee, Cocoa, Tea, Spices	13,373	18,950	3.116	3.373
Fruit & Vegetables	6,840	6,300	1.379	1.354
Beverages	430	337	-0.614	-0.814
Sugar & Honey	1,087	0	0.872	-

Revealed Competitive Advantage, Agricultural Sub-Sectors



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Coffee, Cocoa, Tea, Spices	4.013	4.394
Fruit & Vegetables	0.612	0.493
Sugar & Honey	-2.144	-2.811
Beverages	-1.763	-1.734

Relative Export Advantage, Individual Commodities



Individual Commodities	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Mangoes	4,833	3,900	6.572	6.281
Coffee green	12,303	15,967	4.268	4.196
Cocoa beans	1,070	2,983	2.843	3.871
Hides DS Cattle	220	100	4.681	3.825

### *Large Exporters*

Of the sixteen Caribbean countries represented in this report, only five may be classified as large exporters. Only for three countries in this group does this classification really apply. The countries which enjoy relatively (only in terms of the 16 Caribbean countries represented) earnings from a relatively large range of agricultural exports are the Dominican Republic, Jamaica and Trinidad and Tobago. With the exception of Trinidad and Tobago, these countries overall agricultural sector also possessed competitive trade advantage over the 1991-1996 period. The negative RCA10 index values for Trinidad and Tobago indicate that that country was a net-importer of agricultural products.

The Dominican Republic possessed positive and high competitive advantage in most agricultural sub-sectors, except for industries, Cereal and Preparations, Oils and Fats and Beverages. The individual commodity results indicate that the Dominican Republic had competitive advantage in a large number of two-way traded commodities, fresh bovine meat, pigmeat sausages and coconut oil. Among the one-way traded commodities (exports only) tannia, coconuts, sweet potato, raw sugar and cocoa beans were the most competitive relative to all other commodities produced and traded in the Dominican Republic.

The results for Jamaica and Trinidad and Tobago clearly indicate those agricultural industries and individual commodities in which these countries have competitive advantage relative to all other commodities produced and traded, and those which do not. The results also confirm the earlier observation that these countries have had relatively more success in diversifying their

agricultural sector, particularly through the development of agro-industry.

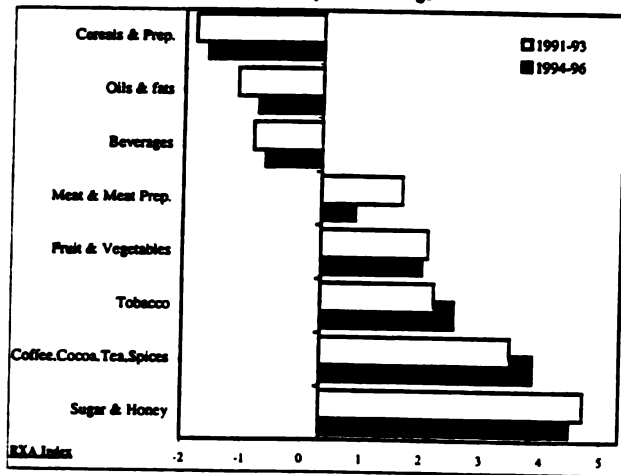
On the contrary, Cuba, Belize and Guyana, have had relatively less success in developing a vibrant and diverse agro-industrial sector. The results clearly indicate that agro-industry in Cuba is based on the by-products of traditional crops of sugar and tobacco, with sugar and citrus being the main commodities around which the agro-industrial sector of Belize is based. Belize had a relatively high competitive advantage in citrus juice processing, both concentrates and single strength juices. However, among the range of commodities traded in Belize, raw sugar had the highest relative competitive advantage in the 1994-96 period. The RCA10 index value represented a significant improvement from the 1991-93 value.

Guyana and Cuba are included in the group of large exporters only by virtue of the level of their agricultural export values, supported almost entirely by exports of rice (Guyana) and raw sugar (Cuba). If the country classification was structurally-based, then these countries, more-so for Guyana, would more appropriately be included in the "small-exporter" classification. The results presented for Guyana bear testimony to that country's rather limited range of agricultural exports, with non-traditional exports dominated by pineapples and plantains. As was to be expected, for both Cuba and Guyana, the main export commodity possessed the highest competitive advantage relative to all other commodities traded. This may be entirely due to higher relative export share and lower import share for sugar (Cuba) and rice (Guyana) than for the other traded agricultural commodities.

## Dominican Republic

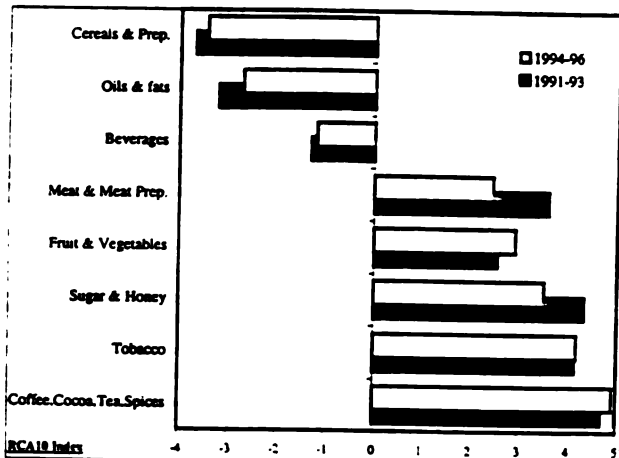
### Agricultural Sub-Sectors

Relative Export Advantage



Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sugar & Honey	136.100	140.279	4.396	4.170
Coffee, Cocoa, Tea, Spices	67.831	132.727	3.174	3.549
Tobacco	20.657	31.134	1.901	2.231
Fruit & Vegetables	48.160	52.723	1.785	1.698
Meat & Meat Prep.	22.500	11.939	1.344	0.568
Beverages	1.223	1.800	-1.145	-0.942
Oils & fats	693	917	-1.418	-1.074
Cereals & Prep.	907	1.267	-2.122	-1.922

Revealed Competitive Advantage



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Coffee, Cocoa, Tea, Spices	4.687	4.911
Tobacco	4.138	4.168
Sugar & Honey	4.328	3.508
Fruit & Vegetables	2.550	2.920
Meat & Meat Prep.	3.581	2.453
Beverages	-1.301	-1.186
Oils & fats	-3.215	-2.712
Cereals & Prep.	-3.686	-3.445

Individual Commodities Revealed Competitive Advantage

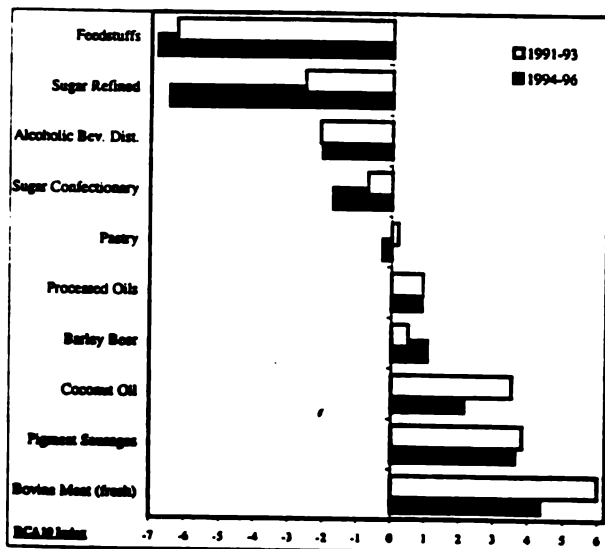


Chart Data	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Bovine Meat (fresh)	21.597	9.423	5.982	4.344
Pigmeat Sausages	903	2.517	3.818	3.624
Coconut Oil	693	1.293	3.509	2.142
Barley Beer	893	1.300	0.493	1.062
Processed Oils	340	350	0.919	0.907
Pastry	907	1.267	0.192	-0.266
Sugar Confectionary	463	480	-0.710	-1.727
Alcoholic Bev. Dist.	330	500	-2.093	-2.036
Sugar Refined	118	4	-2.537	-6.469
Feedstuffs	23	15	-6.255	-6.800

## Dominican Republic

### Individual Commodities Relative Export Advantage

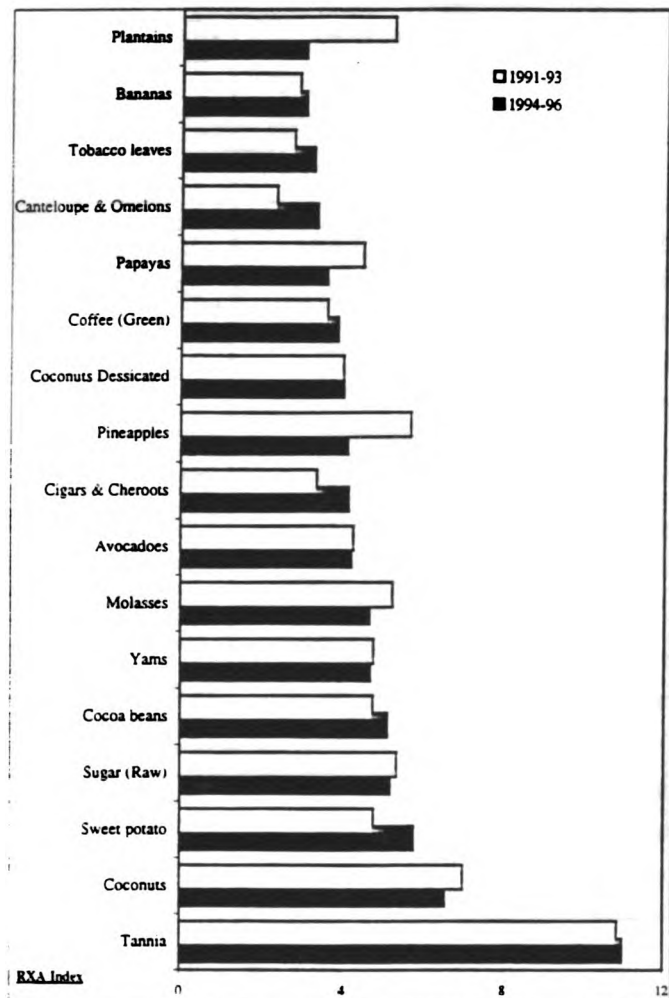
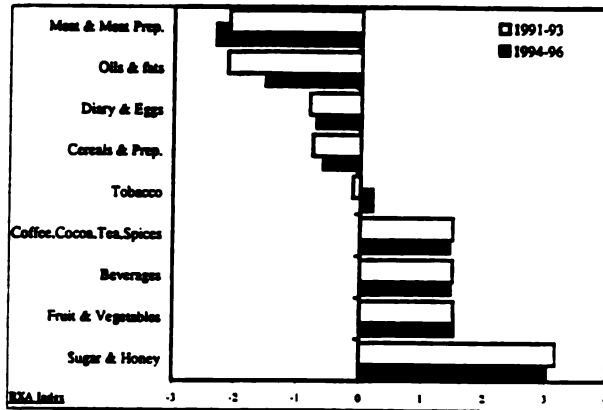


Chart Data	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Tannia	3.289	2.188	10.869	11.003
Coconuts	4.512	3.567	6.973	6.518
Sweet potato	1.634	2.212	4.751	5.737
Sugar (Raw)	119.619	126.619	5.310	5.150
Cocoa beans	32.035	56.490	4.732	5.086
Yams	312	341	4.742	4.661
Molasses	12.137	9.353	5.197	4.631
Avocadoes	1.868	2.245	4.245	4.187
Cigars & Cheroots	2.475	4.811	3.344	4.139
Pineapples	8.085	2.703	5.629	4.100
Coconuts Dessicated	1.500	1.650	3.985	3.994
Coffee (Green)	31498	70846	3.583	3.848
Papayas	562	348	4.450	3.575
Canteloupe & Omeions	781	2.337	2.329	3.328
Tobacco leaves	13339	20757	2.748	3.245
Bananas	9.056	14.134	2.877	3.044
Plantains	988	240	5.172	3.032
<b>Others</b>				
Cocoa Butter	2324	3800	2.561	2.857
Ginger	242	242	2.928	2.527
Pumpkins & Squash	698	568	2.749	2.475
Eggplants	243	256	2.679	2.473
Oranges	1.912	3.037	1.927	2.264
Mangoes	108	187	1.133	1.396
Chilli Pepper green	597	727	1.396	1.374
Honey	159	170	1.136	1.005
Tomato Paste	283	309	0.712	0.518
Grapefruit & pomelo	217	153	1.041	0.561
Cassava dried	407	147	0.931	0.472
Tomatoes	301	75	-0.072	-1.708
Cucumbers & Gherkins	61	65	-0.616	-0.693
Lemons & limes	18	52	-1.544	-0.762
Sugar Refined	118	4	-1.851	-5.384

# Jamaica

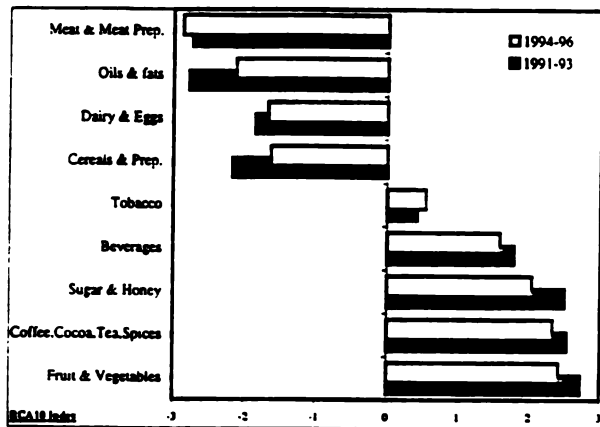
## Agricultural Sub-Sectors

Relative Export Advantage



Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sugar & Honey	89,988	93,572	3.159	3.027
Fruit & Vegetables	70,328	81,074	1.506	1.520
Beverages	31,440	35,227	1.493	1.461
Coffee, Cocoa, Tea, Spices	26,342	34,937	1.488	1.442
Tobacco	5,370	7,654	-0.116	0.193
Cereals & Prep.	6,679	8,697	-0.758	-0.587
Dairy & Eggs	3,194	3,821	-0.809	-0.702
Oils & fats	640	1,049	-2.135	-1.537
Meat & Meat Prep.	1,400	1,216	-2.109	-2.328

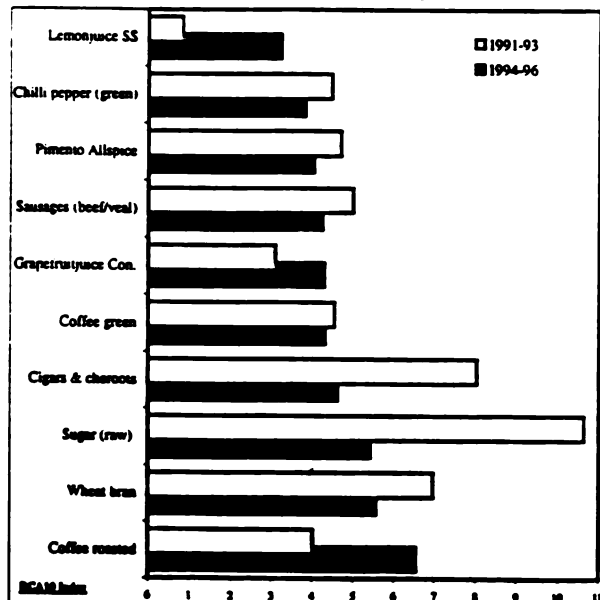
Revealed Competitive Advantage



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Fruit & Vegetables	2.728	2.413
Coffee, Cocoa, Tea, Spices	2.531	2.333
Sugar & Honey	2.491	2.035
Beverages	1.786	1.590
Tobacco	0.425	0.539
Cereals & Prep.	-2.170	-1.631
Dairy & Eggs	-1.850	-1.667
Oils & fats	-2.780	-2.122
Meat & Meat Prep.	-2.739	-2.868

## Individual Commodities Revealed Competitive Advantage

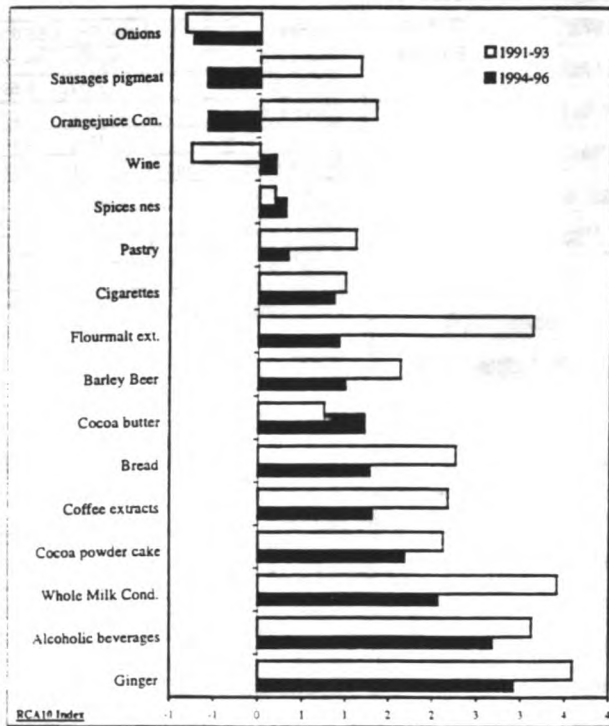
Revealed Competitive Advantage



Individual Commodity	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Coffee roasted	188	370	4.022	6.546
Wheat bran	901	1,033	6.959	5.567
Sugar (raw)	89,690	93,413	10.632	5.420
Cigars & cheroots	4,313	7,185	8.030	4.635
Coffee green	15,945	24,916	4.556	4.324
Grapefruitjuice Con.	892	469	3.102	4.303
Sausages (beef/veal)	51	562	4.993	4.260
Pimento Allspice	3,764	3,593	4.703	4.047
Chilli pepper (green)	643	846	4.483	3.827
Lemonjuice SS	32	105	0.833	3.234

## Jamaica

### Individual Commodities Revealed Competitive Advantage



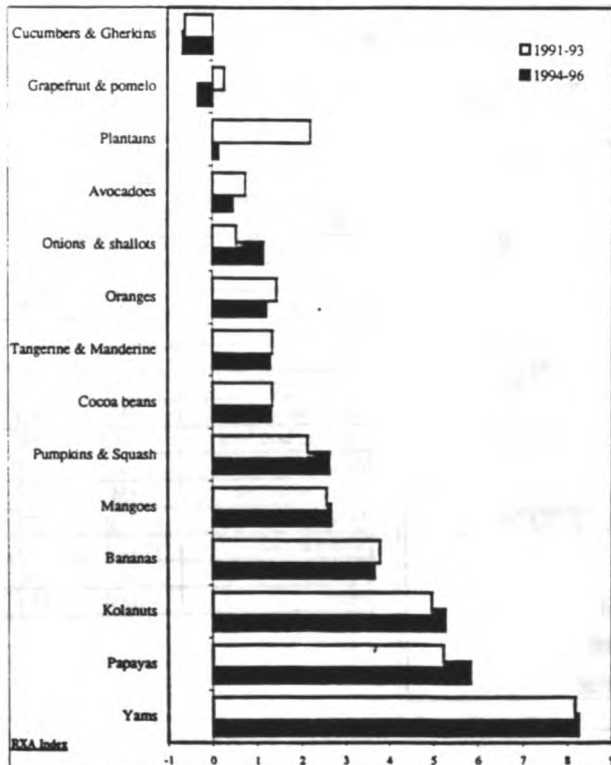
Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Ginger	205	107	3.585	2.922
Alcoholic beverages	22,523	25,263	3.121	2.678
Whole Milk Cond.	1,025	509	3.408	2.059
Cocoa powder cake	882	505	2.117	1.678
Coffee extracts	301	119	2.169	1.305
Bread	785	827	2.257	1.279
Cocoa butter	319	397	0.747	1.213
Barley Beer	6,750	7,593	1.621	0.988
Flourmalt ext.	3,588	2,883	3.120	0.918
Cigarettes	279	249	0.984	0.853
Pastry	1,987	2,822	1.099	0.325
Spices nes	454	810	0.173	0.293
Wine	684	657	-0.765	0.178
Orangejuice Con.	1,388	343	1.323	-0.583
Sausages pigmeat	550	377	1.140	-0.594
Onions	77	195	-0.837	-0.748

#### Other Commodities

Commodity	1991-93	1994-96	1991-93	1994-96
Pepper WLB	81	94	-1.218	-1.560
Feedstuffs	937	1,129	-1.346	-1.887
Soyabean oil	529	534	-0.583	-2.036
Sugar confectionary	293	140	-0.498	-2.120
Tobacco leaves	678	219	-1.302	-2.680
Poultry meat	201	244	-4.065	-3.640

### Individual Commodities Relative Export Advantage

#### Relative Export Advantage

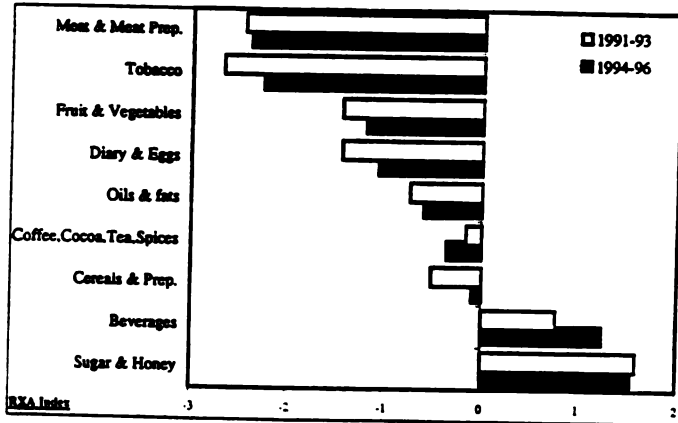


Individual Commodities	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Yams	8,979	11,091	8.167	8.248
Papayas	2,217	5,525	5.227	5.830
Kolanuts	273	818	4.958	5.261
Bananas	41,212	46,456	3.788	3.661
Mangoes	843	1,191	2.554	2.655
Pumpkins & Squash	711	1,192	2.130	2.622
Cocoa beans	2,180	2,582	1.336	1.304
Tangerine & Manderine	1,349	1,536	1.339	1.291
Oranges	2,207	1,916	1.432	1.204
Onions & shallots	77	195	0.527	1.134
Avocados	106	99	0.725	0.457
Plantains	96	24	2.177	0.130
Grapefruit & pomelo	189	113	0.256	-0.339
Cucumbers & Gherkins	114	120	-0.628	-0.676

**Trinidad**

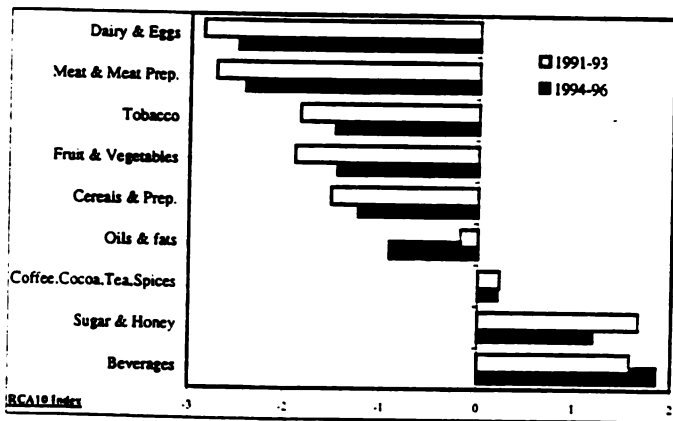
**Agricultural Sub-Sectors**

**Relative Export Advantage**



Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sugar & Honey	33.865	36.697	1.588	1.545
Beverages	26.218	50.230	0.773	1.245
Cereals & Prep.	14.313	24.841	-0.517	-0.099
Coffee, Cocoa, Tea, Spices	8.721	10.380	-0.160	-0.361
Oils & fats	4.352	4.706	-0.739	-0.601
Diary & Eggs	2.880	4.686	-1.436	-1.065
Fruit & Vegetables	6.661	10.043	-1.438	-1.194
Tobacco	702	1,164	-2.678	-2.262
Meat & Meat Prep.	1.662	1.990	-2.461	-2.402

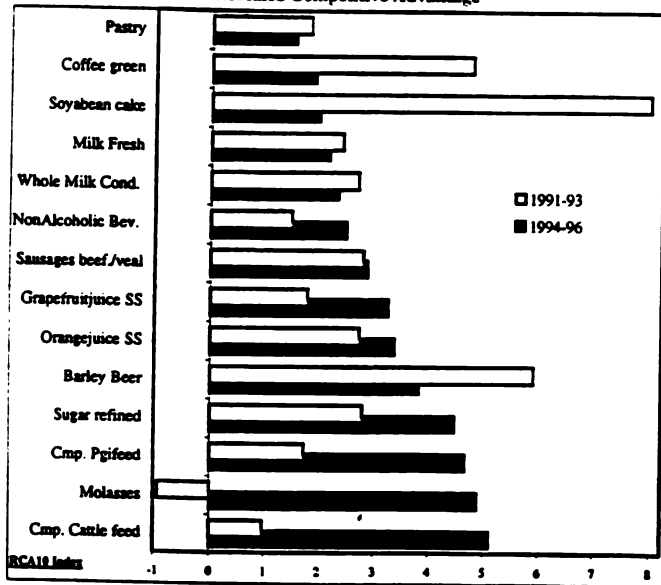
**Revealed Competitive Advantage**



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Beverages	1.577	1.848
Sugar & Honey	1.661	1.201
Coffee, Cocoa, Tea, Spices	0.224	0.209
Oils & fats	-0.182	-0.913
Cereals & Prep.	-1.513	-1.234
Fruit & Vegetables	-1.893	-1.451
Tobacco	-1.840	-1.477
Meat & Meat Prep.	-2.730	-2.429
Dairy & Eggs	-2.863	-2.511

**Individual Commodities Revealed Competitive Advantage**

**Revealed Competitive Advantage**

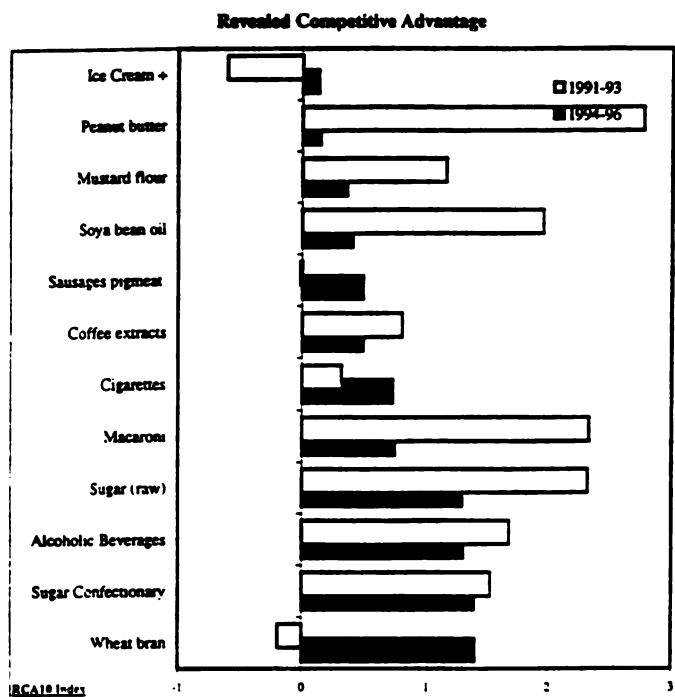


Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Cmp. Cattle feed	148	2.287	0.975	5.097
Molasses	410	1.166	-0.931	4.881
Cmp. Pgrifood	54	83	1.738	4.660
Sugar refined	140	1.122	2.795	4.466
Barley Beer	627	10.415	5.901	3.820
Orangejuice SS	1.476	3.298	2.736	3.368
Grapefruitjuice SS	297	395	1.792	3.245
Sausages beef/veal	732	898	2.803	2.880
NonAlcoholic Bev.	9.483	27.590	1.495	2.495
Whole Milk Cond.	855	2.875	2.711	2.340
Milk Fresh	732	1.377	2.419	2.173
Soyabean cake	10.124	10.381	7.984	1.983
Coffee green	245	74	4.760	1.908
Pastry	7.985	11.893	1.818	1.544



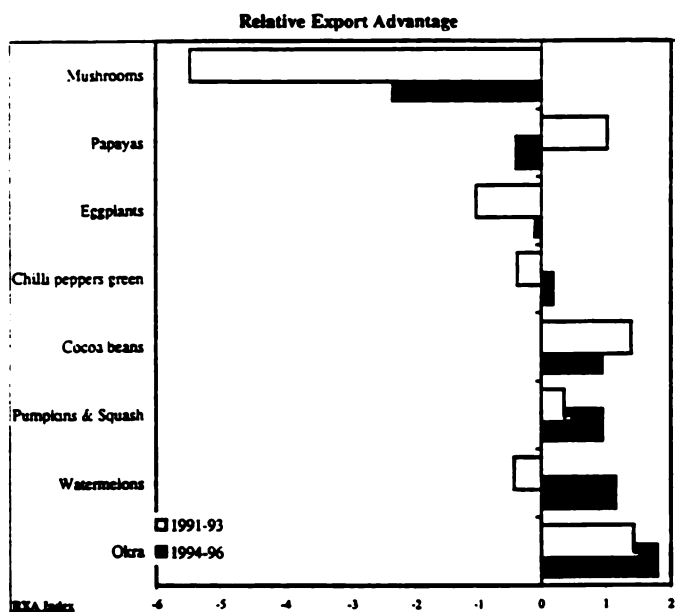
## Trinidad

### Individual Commodities Revealed Competitive Advantage



Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Wheat bran	107	341	-0.191	1.404
Sugar Confectionary	2.864	5.162	1.529	1.395
Alcoholic Beverages	10.072	11.985	1.684	1.305
Sugar (raw)	30.438	32.237	2.325	1.294
Macaroni	1.212	1.501	2.336	0.734
Cigarettes	684	1.164	0.303	0.721
Coffee extracts	526	1.219	0.795	0.476
Sausages pigmeat	201	391	-0.016	0.472
Soya bean oil	2.288	5.052	1.960	0.388
Mustard flour	52	69	1.155	0.344
Peanut butter	284	341	2.772	0.138
Ice Cream +	110	433	-0.595	0.124
Mangoes	37	81	0.594	-0.604
Feedstuffs	11.092	13.700	-0.372	-0.650
Mango pulp	56	69	0.281	-0.666
Margarine	1.512	2.192	-0.808	-0.855
Coconut oil	420	0	0.129	-1.468
Orange juice Con.	367	297	-2.814	-2.572
Poultry meat	65	75	-3.181	-3.529
Milk drv	751	195	-3.729	-5.075

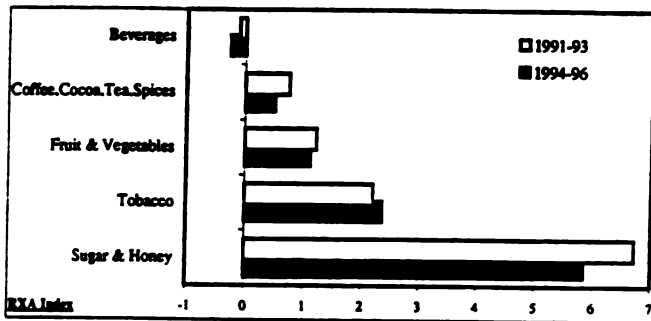
### Individual Commodities Relative Export Advantage



Individual Commodities	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Okra	11	10	1.429	1.788
Watermelons	106	645	-0.437	1.150
Pumpkins & Squash	203	396	0.351	0.951
Cocoa beans	3880	3180	1.391	0.946
Chilli peppers green	322	707	-0.379	0.183
Eggplants	19	62	-1.032	-0.109
Papayas	59	21	1.023	-0.401
Mushrooms	1	29	-5.470	-2.367

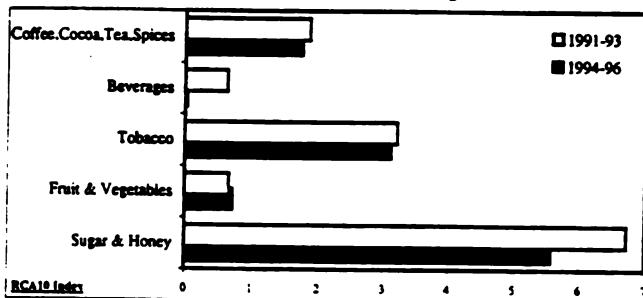
Agricultural Sub-Sectors

Relative Export Advantage



Agricultural Sub-Sectors	Avg.Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sugar & Honey	1,451,433	808,467	6.720	5.851
Tobacco	92,674	80,067	2.195	2.358
Fruit & Vegetables	95,583	68,753	1.211	1.105
Coffee.Cocoa.Tea.Spices	22,843	17,467	0.747	0.503
Beverages	11,700	8,100	-0.106	-0.261

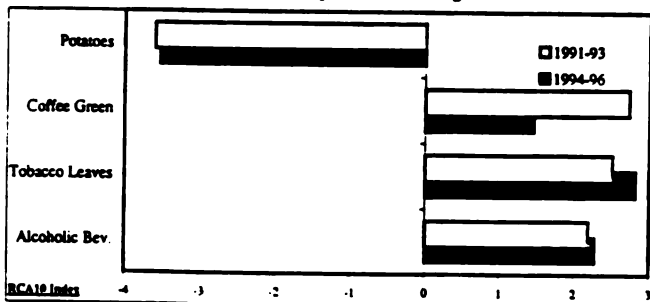
Revealed Competitive Advantage



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Sugar & Honey	6.720	5.851
Fruit & Vegetables	0.671	0.726
Tobacco	3.217	3.126
Beverages	0.639	0.027
Coffee.Cocoa.Tea.Spices	1.867	1.754

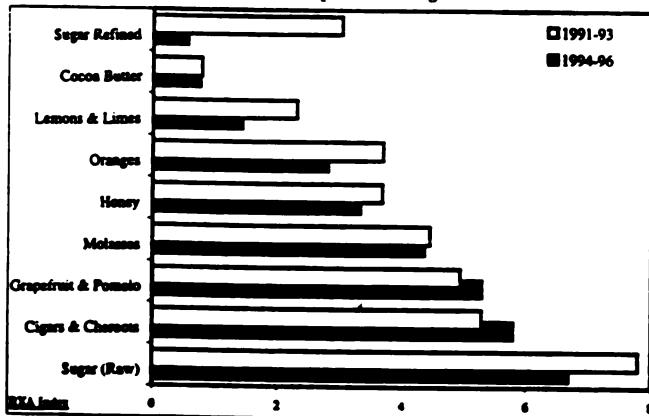
Individual Commodities Revealed Competitive Advantage

Revealed Competitive Advantage



Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Alcoholic Bev.	11,700	8,100	2.193	2.277
Tobacco Leaves	34,567	24,100	2.514	2.816
Coffee Green	21,500	16,400	2.727	1.462
Potatoes	203	140	-3.601	-3.533

Relative Export Advantage

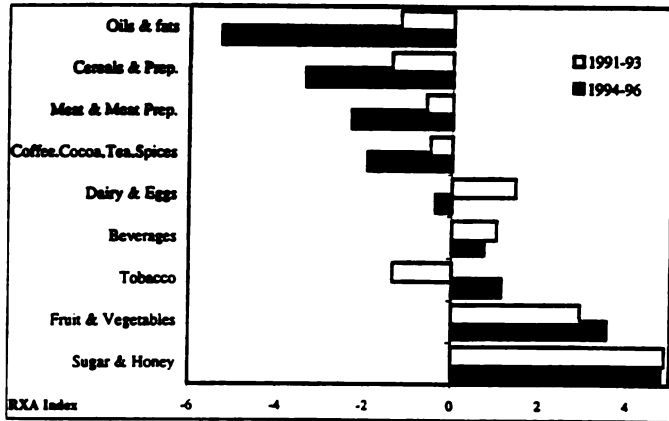


Individual Commodities	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sugar (Raw)	1,368,100	777,567	7.796	6.691
Cigars & Cheroots	51,707	50,667	5.276	5.785
Grapefruit & Pomelo	33,000	36,000	4.928	5.281
Molasses	19,367	16,100	4.447	4.357
Honey	6,667	3,867	3.672	3.314
Oranges	36,333	11,667	3.684	2.792
Lemons & Limes	2,833	1,067	2.298	1.436
Cocoa Butter	1,343	1,067	0.786	0.754
Sugar Refined	49,900	3,433	3.009	0.548
Cigarettes	6,400	5,300	-0.086	-0.014

**Belize**

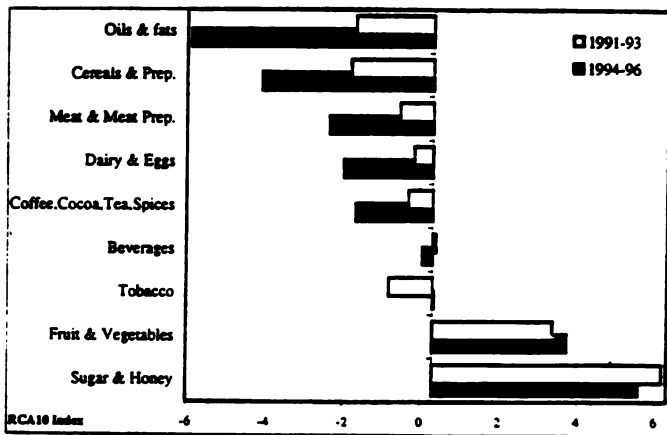
**Agricultural Sub-Sectors**

**Relative Export Advantage**



Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sugar & Honey	44,279	49,657	4.873	4.800
Fruit & Vegetables	29,454	52,956	2.926	3.542
Tobacco	191	2,363	-1.349	1.140
Beverages	2,414	2,113	1.021	0.746
Dairy & Eggs	3,633	642	1.452	-0.372
Coffee, Cocoa, Tea, Spices	450	147	-0.497	-1.943
Meat & Meat Prep.	771	150	-0.594	-2.308
Cereals & Prep.	427	65	-1.404	-3.377
Oils & fats	197	3	-1.206	-5.282

**Revealed Competitive Advantage**



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Sugar & Honey	5.880	5.271
Fruit & Vegetables	3.072	3.435
Tobacco	-1.127	0.050
Beverages	0.086	-0.255
Coffee, Cocoa, Tea, Spices	-0.630	-1.987
Dairy & Eggs	-0.482	-2.295
Meat & Meat Prep.	-0.853	-2.668
Cereals & Prep.	-2.114	-4.383
Oils & fats	-2.003	-6.186

**Individual Commodities Revealed Competitive Advantage**

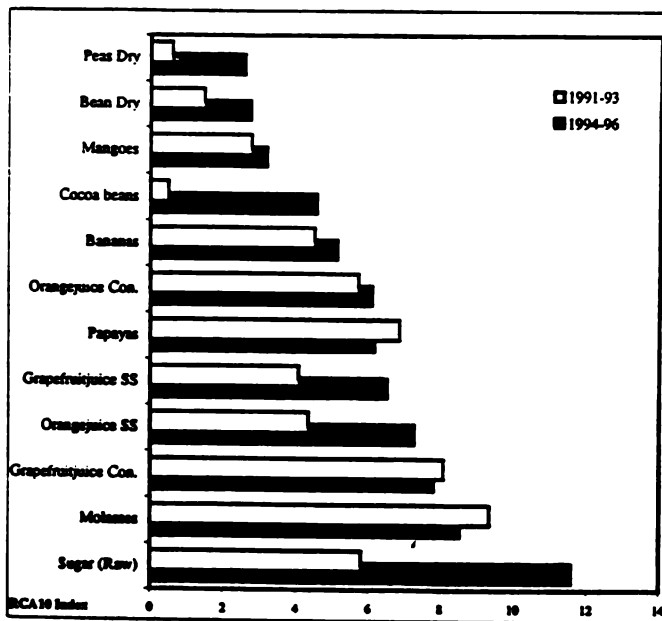
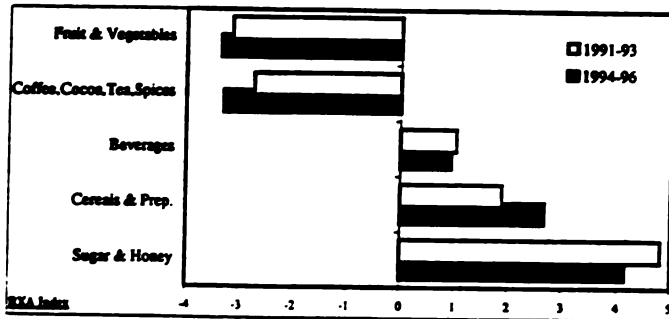


Chart Data	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Sugar (Raw)	40,264	45,069	5.803	11.576
Molasses	3,913	4,511	9.350	8.539
Grapefruitjuice Con.	4,922	5,905	8.093	7.819
Orangejuice SS	28	2,003	4.332	7.271
Grapefruitjuice SS	12	401	4.063	6.514
Papayas	555	995	6.857	6.157
Orangejuice Con.	12,463	19,264	5.712	6.087
Bananas	9,898	21,868	4.471	5.125
Cocoa beans	114	54	4.497	4.562
Mangoes	127	245	2.765	3.184
Bean Dry	986	1,217	1.461	2.735
Peas Dry	48	691	0.583	2.573
Others				
Tree Nuts	47	64	1.457	1.507
Pepper WLB	1	64	-3.236	1.060
Cigarettes	191	2,363	-0.794	0.121
Alcoholic Bev.	2,032	1,996	0.421	0.097
Processed Cheese	1,196	277	0.386	-0.421

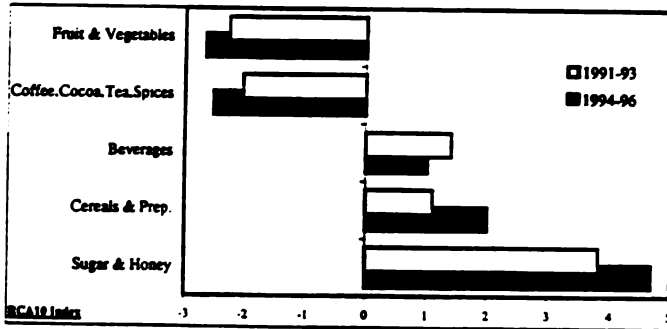
Guyana

Relative Export Advantage



Agricultural Sub-Sectors	Avg. Exp. US\$'000		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Sugar & Honey	118,445	94,689	4.819	4.147
Cereals & Prep.	29,414	73,471	1.885	2.672
Beverages	6,676	8,033	1.028	0.944
Coffee, Cocoa, Tea, Spices	138	120	-2.706	-3.287
Fruit & Vegetables	247	252	-3.130	-3.345

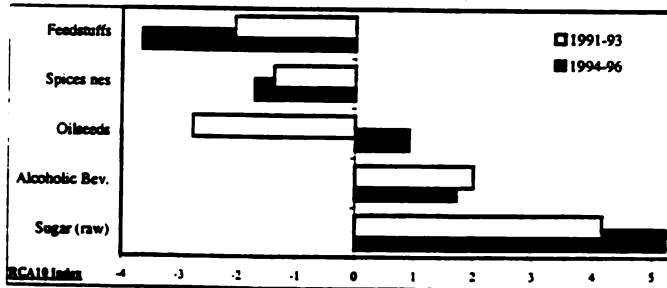
Revealed Competitive Advantage



Agricultural Sub-Sectors	RCA10 Index	
	1991-93	1994-96
Sugar & Honey	3.814	4.686
Cereals & Prep.	1.100	2.006
Beverages	1.402	1.016
Coffee, Cocoa, Tea, Spices	-2.017	-2.522
Fruit & Vegetables	-2.253	-2.657

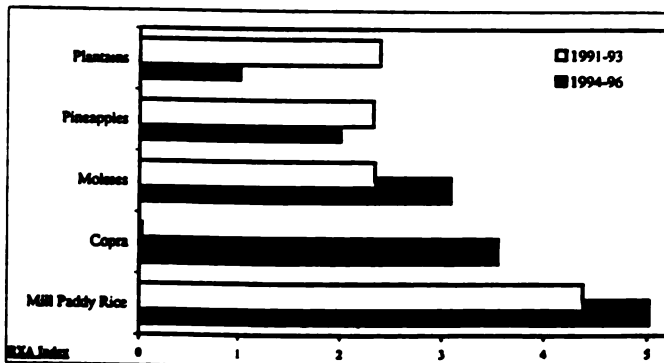
Individual Commodities Revealed Competitive Advantage

Revealed Competitive Advantage



Individual Commodities	Avg. Export		RCA10 Index	
	1991-93	1994-96	1991-93	1994-96
Sugar (raw)	117,978	93,289	4.149	5.230
Alcoholic Bev.	66,767	8,033	1.997	1.717
Oilseeds	7	283	-2.775	0.898
Spices nes	120	120	-1.378	-1.707
Feedstuffs	123	48	-2.054	-3.659

Relative Export Advantage



Agricultural Sub-Sectors	Avg. Export		RXA Index	
	1991-93	1994-96	1991-93	1994-96
Mill Paddy Rice	29,414	73,471	4.369	5.012
Copra	7	283	0.026	3.548
Molasses	467	1,400	2.338	3.085
Pineapples	200	230	2.321	2.000
Plantains	40	22	2.383	1.015







Examining Ac  
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