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Trade Opportunity Scan for the ACP Caribbean group of countries

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Preface

This report is an output of a collaborative effort between the Market Analysis & Research Section of ITC and the Trade and Markets Division of FAO. The report was prepared by Michael Freudenberg, Thierry Paulmier, Kerfalla Conté, Takako Ikezuki, Ian Sayers, Owen Skae (ITC) and Jamie Morrison (FAO). The authors would like to thank Julie Claro (FAO) for statistical assistance and Hernan Manson and Antony Sandana (ITC) for fruitful discussions and suggestions. For further details on the present study, please contact Michael Freudenberg (email: freudenberg@intracen.org).

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Executive summary

Rationale and main objectives

The objective of the EC All ACP Agricultural Commodities Programme is to strengthen stakeholders' capacities to develop and implement sustainable commodity strategies, to improve the incomes and livelihoods of producers of traditional or other agricultural commodities and reduce vulnerability at both producer and macro levels.

A core component of the initial phase of the All ACP Agricultural Commodities Programme is the identification of broad agricultural product sectors of development focus and the development priorities for each of those sectors.

To assist in facilitating this process, the International Trade Centre (ITC) and the Food and Agriculture Organization of the United Nations (FAO) have developed a methodology to rank 58 agricultural products for the group of 15 Caribbean ACP countries according to their potential for growth. This methodology is based on a combination of indicators relative to current production and export performance, import dependency and world market trends.

This report gives a quantitative ranking that can be used as a preliminary indication of the product groupings having a potential of import substitution and/or export development. It is intended to provide insight for ACP country decision makers who need to select sectors of development focus.

Major findings and interpretation

ITC and FAO have developed a potential ranking based on a set of indices reflecting the relative performance of products, aggregated at the regional level, in terms of their capacity and efficiency in production (*Production index*); their current export performance (*Export index*); the regional reliance on imports of the product (*Import index*); and on identified opportunities for trade on the basis of world market conditions (*World Market index*).

Table 1 presents the top 20 products for each of the four indices, grouped by broad product sectors:

- The top five products in terms of *proven supply capacity and efficiency (Production Index)* are Grapefruit and pomelos; Avocados; Nutmeg, mace, cardamons; Bananas, plantains; and Papayas.
- The top five products in terms of *proven export performance (Export Index)* are Bananas, plantains; Other roots and tubers; Papayas; Avocados; and Mangoes.
- The top five products in terms of the relative *importance of imported products (Import Index)* are Garlic; Cow peas, dry; Beans, dry; Cauliflower; Maize; and Potatoes.
- The top five products in terms of high and accessible international demand (*World Market Index*) are Coffee, green; Maize; Soybeans; Bananas, plantains; and Cocoa beans.

Table 1: Top 20 products for Caribbean ACP countries according to each of four indices

Product sectors	Production Index	Export Index	Import Index	World Market Index
Overall	<ol style="list-style-type: none"> 1. Grapefruit and pomelos 2. Avocados 3. Nutmeg, mace, cardamons 4. Bananas, plantains 5. Papayas 6. Mangoes 7. Other roots and tubers 8. Coconuts 8. Other pulses 10. Coffee, green 10. Other fruits 12. Citrus fruit nes 13. Oranges 14. Beans 15. Other vegetables 16. Cucumbers and gherkins 16. Ginger 18. Cabbages 18. Other spices 18. Rice, paddy 	<ol style="list-style-type: none"> 1. Bananas, plantains 2. Other roots and tubers 3. Papayas 4. Avocados 5. Mangoes 6. Sweet potatoes 7. Other vegetables 7. Cocoa beans 9. Coffee, green 10. Coconuts 11. Other fruits 11. Oranges 13. Nutmeg, mace, cardamons 13. Chillies & peppers, green 15. Grapefruit and pomelos 15. Cassava 17. Ginger 18. Pineapples 18. Tomatoes 20. Other pulses 20. Eggplants 	<ol style="list-style-type: none"> 1. Garlic 2. Cow peas, dry 3. Beans, dry 4. Maize 4. Potatoes 4. Cauliflower 7. Onions 8. Other spices 9. Apples 10. Cabbages 11. Tomatoes 12. Carrots 13. Other vegetables 13. Chillies & peppers, green 15. Soybeans 15. Lettuce 17. Peas, dry 18. Bananas, plantains 19. Pepper, white/long/black 20. Cantaloupes & other melons 	<ol style="list-style-type: none"> 1. Coffee, green 2. Maize 3. Soybeans 4. Bananas, plantains 5. Cocoa beans 6. Tomatoes 7. Chillies & peppers, green 7. Pineapples 9. Avocados 10. Cashew nuts 10. Tang. mand.clement. satsma 12. Apples 13. Sesame seed 14. Other vegetables 14. Oranges 14. Beans 17. Lettuce 17. Sweet potatoes 19. Garlic 20. Cantaloupes & other melons 20. Lemons and limes 20. Eggplants
Cereales, Grains, Beans, Peas and Pulses	<ol style="list-style-type: none"> 8. Other pulses 18. Rice, paddy 	<ol style="list-style-type: none"> 20. Other pulses 	<ol style="list-style-type: none"> 2. Cow peas, dry 3. Beans, dry 4. Maize 17. Peas, dry 	<ol style="list-style-type: none"> 2. Maize
Coffee, cocoa	<ol style="list-style-type: none"> 10. Coffee, green 	<ol style="list-style-type: none"> 7. Cocoa beans 9. Coffee, green 		<ol style="list-style-type: none"> 1. Coffee, green 5. Cocoa beans
Fruits and vegetables	<ol style="list-style-type: none"> 1. Grapefruit & pomelos 2. Avocados 4. Bananas, plantains 5. Papayas 6. Mangoes 10. Other fruits 12. Citrus fruit nes 13. Oranges 14. Beans 15. Other vegetables 16. Cucumbers & gherkins 18. Cabbages 	<ol style="list-style-type: none"> 1. Bananas, plantains 3. Papayas 4. Avocados 5. Mangoes 7. Other vegetables 11. Oranges 11. Other fruits 13. Chillies & peppers, green 15. Grapefruit & pomelos 18. Pineapples 18. Tomatoes 20. Eggplants 	<ol style="list-style-type: none"> 1. Garlic 4. Cauliflower 7. Onions 9. Apples 10. Cabbages 11. Tomatoes 12. Carrots 13. Chillies & peppers, green 13. Other vegetables 15. Lettuce 18. Bananas, plantains 20. Cantaloupes & other melons 	<ol style="list-style-type: none"> 4. Bananas, plantains 6. Tomatoes 7. Chillies & peppers, green 7. Pineapples 9. Avocados 10. Tang. mand. clement. satsma 12. Apples 14. Beans 14. Oranges 14. Other vegetables 17. Lettuce 19. Garlic 20. Cantaloupes & other melons 20. Eggplants 20. Lemons and limes
Nuts				<ol style="list-style-type: none"> 10. Cashew nuts
Oil crops	<ol style="list-style-type: none"> 8. Coconuts 	<ol style="list-style-type: none"> 10. Coconuts 	<ol style="list-style-type: none"> 15. Soybeans 	<ol style="list-style-type: none"> 3. Soybeans 13. Sesame seed
Roots and tubers	<ol style="list-style-type: none"> 7. Other roots and tubers 	<ol style="list-style-type: none"> 2. Other roots and tubers 6. Sweet potatoes 15. Cassava 	<ol style="list-style-type: none"> 4. Potatoes 	<ol style="list-style-type: none"> 17. Sweet potatoes
Spices	<ol style="list-style-type: none"> 3. Nutmeg, mace, cardamons 16. Ginger 18. Other spices 	<ol style="list-style-type: none"> 13. Nutmeg, mace, cardamons 17. Ginger 	<ol style="list-style-type: none"> 8. Other spices 19. Pepper, white/long/black 	

Source: FAOSTAT, ITC's TradeMap and Market Access Map.
For full details, see Table 11, Table 17, Table 22, Table 27, Table 28.
The numbers represent a product's ranking within each index.

The potential for sector development has been analysed according to four possible strategic responses.

- *Import substitution only*: Products that rank highly in the Import index.
- *Export development only*: Products that rank highly in the Export and/or World Market Indices.
- *Import substitution and export development*: Products that rank highly in both of the above indices.
- *No apparent potential*: Products that rank low across all indices.

The possible responses above have then been analysed separately for products that are among the 20 best performers in the Production Index (Table 2) and those that are not (Table 3). Products shown in Table 3 may justify an increase in production to take advantage of these possible strategic responses. In both tables, products emanating from the region are grouped into broad agricultural product sectors.

Table 2: Caribbean ACP countries: Potential strategic responses for products with high production index rankings

Product sectors	Potential strategic responses			
	Import substitution and Export development	Export development	Import substitution	No apparent potential
	<i>High rank in Import and Export or World Market indices</i>	<i>High rank in Export or World Market indices</i>	<i>High rank in Import index</i>	<i>High rank only in Production index</i>
Cereals, Grains, Beans, Peas and Pulses		Beans (5 countries) Other pulses (11)		Rice, paddy (7)
Coffee, cocoa		Coffee, green (9)		
Fruits and vegetables	Bananas, plantains (14) Other vegetables (15)	Avocados (9) Grapefruit & pomelos (12) Mangoes (11) Oranges (11) Other fruits (13) Papayas (3)	Cabbages (11)	Citrus fruit not elsewhere specified (4) Cucumbers and gherkins (10)
Oil crops		Coconuts (13)		
Roots and tubers		Other roots and tubers (14)		
Spices		Ginger (4) Nutmeg, mace, cardamons (5)	Other spices (6)	

Note: The number in parentheses indicates the number of producing countries in the region.

Table 3: Caribbean ACP countries: Potential strategic responses for products with low production index rankings

Product sectors	Potential strategic responses			
	Import substitution and Export development	Export development	Import substitution	No apparent potential
	<i>High rank in Import and Export or World Market indices</i>	<i>High rank in Export or World Market indices</i>	<i>High rank in Import index</i>	<i>High rank only in Production index</i>
Cereals, Grains, Beans, Peas and Pulses	Maize (13 countries)		Beans, dry (6) Cow peas, dry (3) Peas, dry (3)	Broad beans, dry (3) Sorghum (3)
Coffee, cocoa		Cocoa beans (11)		
Cotton				Seed cotton (4)
Fibre crops				Sisal and other textile fibres of agave (3)
Fruits and vegetables	Apples (2) Cantaloupes & other melons (5) Chillies & peppers, green (8) Garlic (2) Lettuce (7) Tomatoes (12)	Eggplants (6) Lemons and limes (10) Pineapples (8) Tang. mand. clement. satsma (2)	Carrots (8) Cauliflower (2) Onions (8)	Cherries (1) Pears and quinces (1) Plums (1) Spinach (2) Watermelons (5)
Nuts		Cashew nuts (2)		Groundnuts in shell (9)
Oil crops	Soybeans (2)	Sesame seed (1)		Castor beans (1)
Roots and tubers		Cassava (14) Sweet potatoes (15)	Potatoes (6)	
Spices			Pepper, white/long/black (1)	Cinnamon (canella) (1) Pimento, allspice (2)

Note: The number in parentheses indicates the number of producing countries in the region.

What are the next steps?

The Trade Opportunity Scan is one component of the ACP Programme's Baseline Information Screening for sectors of development focus. It is based solely upon quantitative data available through global databases developed by ITC and by FAO. These results require further validation against expert knowledge or qualitative information. Inputs from countries will be essential for drawing valid conclusions. A set of agro-ecological potential indices is also being developed by FAO to assist in determining the potential for the intensification of production of products in the region.

In parallel with the Trade Opportunity Scan, each country in the region has been asked to contribute to a Country Information Questionnaire that was circulated by the EC Coordinating Unit in December 2007. This questionnaire requests information on five key qualitative aspects: country/sector information, institutional factors, competitiveness factors, development factors and perceived market potential.

Countries will have the opportunity to make comments and other inputs during a Regional Kick-off Workshop that will take place between 1st and 3rd April 2008 in Jamaica. A representative cross-section of regional stakeholders, sector and country specialists has been invited to take part. Workshop participants may use the baseline information as they work together through a series of practical exercises to determine the sectors of development focus and development priorities that may be addressed under the Programme.

Introduction

The objective of the All ACP Agricultural Commodities Programme is to strengthen stakeholders' capacities to develop and implement sustainable commodity strategies to improve the incomes and livelihoods of people that rely on agricultural commodities for their livelihoods and reduce their vulnerability at both producer and macro levels. A key activity of the first phase of the All ACP Agricultural Commodities Programme is the collection of information and analyses for use by stakeholders to determine the sectors of development focus and the development priorities for those sectors under the Programme.

It was agreed at the first Programme Steering Committee to identify a small number of broad product sectors in which the key beneficiary countries are engaged and where international organizations' interventions may be expected to yield the highest positive impact on farmers livelihoods, trade or value addition.

ITC, together with FAO, has developed a methodology to evaluate, on a regional basis, agricultural products for their performance in terms of production and exports, their import dependency and the world market trends.

This report gives a quantitative ranking that can be used as a preliminary indication of the product groupings having a potential of import substitution and/or export development. It provides insight for ACP country decision makers who need to select sectors that could be the focus of appropriate development strategies or other development activities.

The structure of the study is as follows

- *Chapter 1 (Methodology)* provides an explanation of the methodological approach of the Trade Opportunity Scan. It discusses the conceptual framework, the definition of the relevant indicators, and the limitations of the method. It also discusses how the underlying indicators are transformed so that they can be compared.
- *Chapter 2 (Major findings)* shows tabular representations of the results, and an indication as to how these results should be interpreted in the context of the All ACP Agricultural Commodities Programme.

Finally, the *annex* provides information on the definition of the products and potential products for diversification.

1. Methodology

Conceptual framework

We aim to evaluate commodities according to four major criteria: (1) their supply capacity and efficiency in production, (2) their export performance, (3) the extent to which the region is dependent on imports, and (4) the existence of high and accessible international demand. To do so, various indicators are calculated on the basis of each of these criteria. Then we convert these indicators into indices (Box 1). Finally, the indicators are aggregated into composite indices (receiving the same weighting) as follows:

- *Supply capacity and production efficiency.* The production index aims to measure the production capacity and efficiency of the commodities: the capacity takes into account four dimensions: “size” (share of the region in world production), “dynamism” (production growth rate), “producer diversification” (the number of significant producing countries in the region; and the share of the top producing country in the region); the efficiency is evaluated by the “relative yield” (ratio of the region’s yield to world yield).
- *Products with performing exports.* The export Index aims to measure the export performance of the region’s commodities by taking into account four dimensions: “size” (the export value and its share in world exports), “dynamism” (the absolute change in region’s export value and the region’s export growth rate to the world over the period 2001-05), “exporter diversification” (the number of significant exporting countries in the region and the share of the top exporting country of the region) and “trade balance” (the net trade balance and the relative trade balance).
- *Reliance on imports.* The import index aims to measure the significance of imports by taking into account three dimensions: “size” (the import value and its share in world imports), “dynamism” (the absolute change in region’s import value and the region’s import growth rate over the period 2001-05), and “importer diversification” (the number of significant importing countries in the region and the share of the top one importing country of the region).
- *Products with high and accessible international demand.* The world markets index aims to measure the world market trends of the products by taking into account three dimensions of the market demand: “size” (the value of world imports and the share of regional imports in world imports) “dynamism” (the absolute change in world imports and the growth of world imports over the period 2001-05), and “market access conditions” (the applied tariff to the region and the tariff differential between the region and the MFN regime).

Some additional filters need to be taken into account for the selection of the sectors such as the socio economic impact (especially in terms of employment creation), the current level of technical assistance as well as the number of Caribbean countries involved in the production. Table 4 summarizes the conceptual framework.

Table 4: Underlying indicators for the composite indices

Composite Indices	Dimension	Indicators
Production index	Size	Share of region in world production
	Dynamism	Growth of regional production
	Production diversification	Number of producing countries in the region Share of top producing country in the region
	Yield	Ratio of regional yield to world yield
Export index	Size	Region's exports to world Share of region's exports in world exports
	Dynamism	Growth of region's exports to world Absolute change in region's exports
	Export diversification	Number of exporting countries in the region Share of top exporting country in the region
	Trade balance	Net exports (excluding intra-regional trade) Relative trade balance (excluding intra-regional trade)
Import index	Size	Region's imports from world Share of region in world imports
	Dynamism	Growth of regional imports from the world Absolute change in region's imports
	Import diversification	Number of importing countries in the region Share of top importing country in the region
World market index	Size	World imports
	Dynamism	Growth of world imports Absolute change in world imports
	Market Access	Tariff applied to the region Preferential tariff advantage

Note: Indicators within a given index have the same weight.

Box 1. Methodology to convert indicators into indices

The method used here to convert indicators into indices transforms each indicator into a range of 0 (weak performance) and 100 (best performance). It gives 0 (100) points to products with values below (above) a certain threshold value, and points between 0 and 100 depending on the distance between these two thresholds. The *values of the thresholds* (i.e. the lower and upper limits) are defined through an analysis of the dispersion of the sectors. The 5% best performing products define the upper threshold, the 5% weakest performing products define the lower threshold. The following formula is applied:

$$100 * \frac{\text{Value} - \text{Lower limit}}{\text{Upper limit} - \text{Lower limit}}$$

15 Caribbean ACP countries

We analysed 15 Caribbean ACP countries, for which Table 5 provides some background information.

Table 5. Caribbean ACP countries

	WTO Member	LDC Status	Rank in Human development index	Population	GDP per capita (PPP US\$)	Exports (USD million)	Growth of exports (% p.a.)	Share of top 3 export products (%)	Share of top 3 export markets (%)
Antigua and Barbuda	Yes	No	57	83,612	15,865	261	-2	60	71
Bahamas	No	No	49	327,146	22,336	2,153	17	57	57
Barbados	Yes	No	31	270,043	21,388	441	20	36	57
Belize	Yes	No	80	297,234	8,240	274	11	50	66
Dominica	Yes	No	71	72,396	6,465	41	0	52	47
Dominican Republic	Yes	No	79	9,614,000	10,732	6,194	6	21	79
Grenada	Yes	No	82	108,148	10,082	25	-10	44	38
Guyana	Yes	No	97	751,174	5,731	567	6	45	54
Haiti	Yes	Yes	146	8,646,850	1,994	582	19	69	92
Jamaica	Yes	No	101	2,663,736	4,806	2,180	9	72	61
Saint Kitts and Nevis	Yes	No	54	48,393	18,526	40	4	70	93
Saint Lucia	Yes	No	72	166,014	8,071	160	27	78	87
Saint Vincent and the Grenadines	Yes	No	93	119,635	9,635	38	0	52	54
Suriname	Yes	No	85	451,566	7,293	1,158	26	83	58
Trinidad and Tobago	Yes	No	59	1,308,770	20,380	14,019	38	74	69

Source: ITC's TradeMap and Trade Competitiveness Map, World Bank Development Report, United National Development Report 2005, CIA World Factbook 2007.
The data refer to 2005, growth rates to 2001-05.

58 agricultural commodities

We examined 58 agricultural commodities produced in the region. The definition of the commodities is based on a FAO nomenclature (See Annex 1).

Data sources

We used the following databases:

- Trade data is from ITC's TradeMap, which includes official data reported by countries to the UNSD (Comtrade) and which is completed by mirror statistics. When the countries did not report trade data in 2005, we use mirror statistics based on partners' data.
- Tariff data is from ITC's Market Access Map.
- Production data are from FAOSTAT.

Caveats

Some limitations need to be borne in mind when interpreting the results.

- The reader needs to be cautious in the interpretation of indices as they provide only a basic measure of the performance of sectors. The trade indicators are based on values only (as opposed to a separate analysis of prices and quantities) and are backwards looking (growth trends are based on the period 2001-05; all other

calculations are based on 2005, the latest year available). In addition, the composite indices are sensitive to the choice and weight of the underlying indicators.

- The most recent data on a global basis is available to 2005. These data may not reflect the importance of recently emerging products.
- The trade values include intra-regional trade. For a number of products intra-regional trade outweighs trade to and from the region. For example, some countries may play an important role as a natural trading hub due to their geographic location.
- The methodology seeks to identify potentials for the region as a whole rather than country by country. However, we also examine the performance and the competition at the country level. This information may provide a useful input to identifying products with potential that are of relevance to the key beneficiary countries.

2. Major findings

Index 1 : Production

The Production Index for the Caribbean ACP region aims to measure the production efficiency of the products by taking into account four dimensions of production: “size”, “dynamism”, “diversification” and “relative yield”. For illustrative purposes, only the top ten products under each index are presented. A complete list on products’ production indicators is given in Table 11. As will be detailed now, the top performing products in terms of proven supply capacity and efficiency are grapefruit and pomelos, avocados, nutmeg, mace and cardamoms, bananas, plantains, and papayas.

Size of production

Products in which the region has a higher share of world production relative to other products produced in the region are considered to have already proven their production capacity. The “size” index is measured as the share of the region in world production.

The top ten products in terms of production size are: Avocados, grapefruit and pomelos, nutmeg, mace and cardamoms, mangoes, bananas, plantains, sisal and other textile fibres of agave, coffee, green, cocoa beans, other roots and tubers, coconuts, and papayas

Table 6. Production index: Top ten products for “size”

Top 10 products	For information:	Share of Caribbean	
	Production MT	%	Index
1. Avocados	190,060	5.9	100
1. Grapefruit and pomelos	150,746	4.1	100
1. Nutmeg, mace, cardamons	3,082	3.8	100
4. Mangoes	483,149	1.8	47
5. Bananas, plantains	1,846,532	1.7	45
6. Sisal and other textile fibres of agave	6,250	1.6	43
7. Coffee, green	92,175	1.2	32
8. Cocoa beans	40,634	1.0	27
9. Other roots and tubers	566,904	1.0	26
10. Coconuts	484,610	0.9	23
10. Papayas	60,060	0.9	23

Source: FAOSTAT, see Table 11.

Notes: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005.

Dynamism of production

We evaluate the “dynamism” of products by the average annual growth rate of the region’s production over 5 years. Products with rapid production growth in volume terms suggest that the country is productive. Stagnant or declining growth rates indicate the opposite.

The top ten in terms of dynamism are: papayas, pears/quinces, dry peas, green coffee, lettuce, green chillies & peppers, avocados, castor beans, apples, and nutmeg, mace and cardamoms.

Table 7. Production index: Top ten products for growth

Top 10 products	Growth of Caribbean production	
	% p.a.	Index
1. Papayas	12	100
1. Pears and quinces	9	100
1. Peas, dry	20	100
4. Coffee, green	8	94
5. Lettuce	6	80
6. Chillies & peppers, green	5	77
7. Avocados	4	72
7. Castor beans	4	72
9. Apples	4	70
9. Nutmeg, mace, cardamons	4	70

Source: FAOSTAT, see Table 11.

Notes: All indices range from 0 (lowest) to 100 (best performance). Growth rates refer to 2001-05.

Diversification of production

The “*producer diversification*” indicates how numerous producing countries of the region are in each product. We appraise the region’s production diversification index of the products by calculating a simple average of two indices: (1) the number of producing countries in the region (the higher the better) and (2) the share of the top one producing country of the region in a particular product, which is used as an indicator of production concentration (the lower the better). We assume that the more diversified production for a particular product is across the region, the more appropriate interventions to assist in sectoral development will be.

The top ten in terms of producer diversification are: bananas, plantains, coconuts, other fruits, other roots & tubers, grapefruit and pomelos, other vegetables, oranges, lemon and limes, cucumbers and gherkins, cassava, and mangoes.

Table 8. Production index: Top ten products for “diversification”

Top 10 products	Number of producing countries in Caribbean		Share of top producer in Caribbean’s production		Average index
	0 to 15	Index	% (top producer)	Index	
1. Bananas, plantains	14	100	38 (Dominican Republic)	99	100
2. Coconuts	13	92	37 (Dominican Republic)	100	96
2. Other fruits	13	92	27 (Jamaica)	100	96
2. Other roots and tubers	14	100	42 (Haiti)	93	96
5. Grapefruit and pomelos	12	85	37 (Belize)	100	92
6. Other vegetables	15	100	49 (Haiti)	81	91
7. Oranges	11	77	44 (Belize)	90	83
8. Lemons and limes	10	69	44 (Jamaica)	89	79
9. Cucumbers and gherkins	10	69	47 (Jamaica)	85	77
10. Cassava	14	100	69 (Haiti)	49	75
10. Mangoes	11	77	54 (Haiti)	73	75

Source: FAOSTAT, see Table 11.

Notes: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005.

Yield

The “*yield*” dimension reveals how efficient the production of commodities is. We estimate the *yield* index of the products by calculating the ratio of the region’s yield to world yield.

The top ten products in terms of yield relative to the world are: dry cow peas, nutmeg, mace and cardamoms, pimento, allspice, ginger, avocados, other pulses, beans, citrus fruit, papayas, and cherries.

Table 9. Production index: Top ten products for “relative yield”

Top 10 products	Ratio of Caribbean's yield and world yield	
	Ratio	Index
1. Cow peas, dry	1.98	100
1. Nutmeg, mace, cardamoms	1.37	100
1. Pimento, allspice	4.02	100
4. Ginger	1.19	84
5. Avocados	1.15	81
5. Other pulses	1.16	81
7. Beans	1.14	80
7. Citrus fruit nes	1.13	80
9. Papayas	1.12	78
10. Cherries	1.10	77

Source: FAOSTAT, see Table 11.

Notes: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005.

Overall production index

In total, the top ten products in terms of production capacity and efficiency (that score high in terms of size, dynamism, production diversification and yield) are: grapefruit and pomelos, avocados, nutmeg, mace and cardamoms, bananas, plantains, and papayas.

Table 10. Production index for Caribbean ACP countries

	Rank size	Rank dynamism	Rank diversification	Rank relative yield
1. Grapefruit and pomelos	1	22	5	14
2. Avocados	1	7	29	5
3. Nutmeg, mace, cardamoms	1	9	40	1
4. Bananas, plantains	5	15	1	21
5. Papayas	10	1	30	9
6. Mangoes	4	38	10	11
7. Other roots and tubers	9	17	2	24
8. Coconuts	10	25	2	26
8. Other pulses	19	17	12	5
10. Coffee, green	7	4	21	39
10. Other fruits	16	23	2	20

Source: FAOSTAT, see Table 11.

Notes: All indices range from 0 (lowest) to 100 (best performance). Products are ranked according to the Production Index. Data refer to 2005 and growth rates to 2001-05.

Annex Table A.2 shows which Caribbean ACP countries trade the produced commodities. It distinguishes between countries that both export and import the commodities, those that export or import them only, and those where they are not traded at all.

Table 11. Production index for Caribbean ACP countries and underlying indicators

Rank in production index and product labels	Size			Dynamism		Diversification					Yield		Production index
	For information: Production	Share of Caribbean in world production		Growth of Caribbean's production		Number of producing countries in Caribbean		Share of top producer in Caribbean's production		Average index	Ratio of Caribbean's yield and world yield		
		MT	%	Index	% p.a.	Index	0 to 15	Index	% (top producer)		Index	Ratio	
1. Grapefruit and pomelos	150,746	4.1	100	1	52	12	85	37 (Belize)	100	92	0.95	63	77
2. Avocados	190,060	5.9	100	4	72	9	62	74 (Dominican Rep.)	42	52	1.15	81	76
3. Nutmeg, mace, cardamons	3,082	3.8	100	4	70	5	31	89 (Grenada)	17	24	1.37	100	74
4. Bananas, plantains	1,846,532	1.7	45	2	59	14	100	38 (Dominican Rep.)	99	100	0.82	52	64
5. Papayas	60,060	0.9	23	12	100	3	15	46 (Belize)	86	51	1.12	78	63
6. Mangoes	483,149	1.8	47	0	45	11	77	54 (Haiti)	73	75	1.06	73	60
7. Other roots and tubers	566,904	1.0	26	1	54	14	100	42 (Haiti)	93	96	0.78	48	56
8. Coconuts	484,610	0.9	23	0	49	13	92	37 (Dominican Rep.)	100	96	0.74	45	54
8. Other pulses	22,110	0.3	8	1	54	11	77	59 (Dominican Rep.)	66	71	1.16	81	54
10. Coffee, green	92,175	1.2	32	8	94	9	62	65 (Dominican Rep.)	56	59	0.54	28	53
10. Other fruits	211,810	0.5	13	1	50	13	92	27 (Jamaica)	100	96	0.83	53	53
12. Citrus fruit nes	10,724	0.2	5	3	65	4	23	39 (Trinidad & Tob.)	97	60	1.13	80	52
13. Oranges	491,014	0.8	22	0	49	11	77	44 (Belize)	90	83	0.65	37	48
14. Beans	12,107	0.1	4	0	46	5	31	45 (Guyana)	87	59	1.14	80	47
15. Other vegetables	368,223	0.1	3	0	49	15	100	49 (Haiti)	81	91	0.65	37	45
16. Cucumbers and gherkins	33,986	0.1	2	0	48	10	69	47 (Jamaica)	85	77	0.76	47	44
16. Ginger	2,300	0.2	6	0	48	4	23	65 (Dominican Rep.)	55	39	1.19	84	44
18. Cabbages	48,370	0.1	2	4	68	11	77	59 (Jamaica)	65	71	0.59	32	43
18. Other spices	2,758	0.1	4	0	50	6	38	38 (Dominican Rep.)	98	68	0.82	52	43
18. Rice, paddy	1,378,195	0.2	6	-3	32	7	46	41 (Dominican Rep.)	94	70	0.96	64	43
21. Beans, dry	64,722	0.3	9	-2	36	6	38	51 (Haiti)	78	58	0.92	61	41
21. Pimento, allspice	10,470	0.4	11	0	47	2	8	99 (Jamaica)	1	4	4.02	100	41
23. Lemons and limes	54,359	0.5	14	1	53	10	69	44 (Jamaica)	89	79	0.34	10	39
23. Peas, dry	3,755	0.0	1	20	100	3	15	77 (Jamaica)	36	26	0.54	28	39
25. Chillies & peppers, green	42,806	0.2	4	5	77	8	54	75 (Dominican Rep.)	40	47	0.48	22	38
26. Cow peas, dry	28,800	0.8	21	-5	16	3	15	97 (Haiti)	4	10	1.98	100	37
27. Lettuce	9,928	0.0	1	6	80	7	46	52 (Jamaica)	76	61	0.25	2	36
28. Carrots	41,637	0.2	4	-4	23	8	54	48 (Dominican Rep.)	83	68	0.74	45	35
28. Cassava	479,046	0.2	6	-2	38	14	100	69 (Haiti)	49	75	0.47	21	35
28. Pineapples	135,316	0.8	22	-6	14	8	54	74 (Dominican Rep.)	42	48	0.85	55	35
31. Groundnuts in shell	30,024	0.1	2	-1	43	9	62	70 (Haiti)	48	55	0.63	35	34
31. Tomatoes	209,311	0.2	4	-4	26	12	85	84 (Dominican Rep.)	26	55	0.80	50	34
33. Onions	66,856	0.1	3	0	46	8	54	60 (Dominican Rep.)	64	59	0.52	25	33
33. Sisal and other textile fibres of agave	6,250	1.6	43	-1	43	3	15	88 (Haiti)	19	17	0.56	29	33
35. Cashew nuts	2,430	0.1	3	4	68	2	8	59 (Belize)	65	37	0.48	22	32

Rank in production index and product labels	Size			Dynamism		Diversification					Yield		Production index
	For information: Production	Share of Caribbean in world production		Growth of Caribbean's production		Number of producing countries in Caribbean		Share of top producer in Caribbean's production		Average index	Ratio of Caribbean's yield and world yield		
		MT	%	Index	% p.a.	Index	0 to 15	Index	% (top producer)		Index	Ratio	
35. Cocoa beans	40,634	1.0	27	-6	11	11	77	79 (Dominican Rep.)	34	55	0.60	33	32
37. Cherries	1,161	0.0	1	0	47	1	0	100 (Guyana)	0	0	1.10	77	31
37. Cinnamon (canella)	55	0.0	1	2	61	1	0	100 (Dominica)	0	0	0.96	64	31
37. Eggplants	13,300	0.0	1	1	54	6	38	51 (Dominican Rep.)	78	58	0.34	9	31
40. Maize	256,463	0.0	1	0	44	13	92	70 (Haiti)	47	70	0.16	0	29
40. Sweet potatoes	230,015	0.2	5	-1	39	15	100	74 (Haiti)	42	71	0.23	0	29
42. Pears and quinces	341	0.0	0	9	100	1	0	100 (Saint Vincent and the Grenadines)	0	0	0.37	12	28
42. Tang. mand.clement. satsma	23,000	0.1	3	1	53	2	8	65 (Jamaica)	55	32	0.50	24	28
44. Apples	1,790	0.0	0	4	70	2	8	70 (Saint Vincent and the Grenadines)	48	28	0.33	9	27
44. Broad beans, dry	11,150	0.2	6	0	48	3	15	94 (Dominican Rep.)	9	12	0.70	41	27
44. Plums	670	0.0	0	0	47	1	0	100 (Grenada)	0	0	0.93	61	27
47. Watermelons	20,548	0.0	1	-3	31	5	31	72 (Jamaica)	44	37	0.62	34	26
48. Castor beans	1,300	0.1	2	4	72	1	0	100 (Haiti)	0	0	0.55	28	25
49. Potatoes	54,996	0.0	0	-10	0	6	38	73 (Dominican Rep.)	43	41	0.87	56	24
50. Cantaloupes & other melons	56,587	0.2	5	0	49	5	31	93 (Dominican Rep.)	11	21	0.42	17	23
50. Sorghum	98,646	0.2	4	-1	43	3	15	86 (Haiti)	22	19	0.52	25	23
52. Sesame seed	3,800	0.1	3	0	47	1	0	100 (Haiti)	0	0	0.60	32	21
53. Cauliflower	1,967	0.0	0	-3	27	2	8	81 (Jamaica)	31	19	0.56	29	19
53. Seed cotton	1,432	0.0	0	2	58	4	23	91 (Haiti)	15	19	0.16	0	19
53. Spinach	13,272	0.1	3	-1	43	2	8	95 (Jamaica)	8	8	0.48	22	19
56. Pepper, white/long/black	250	0.1	2	-8	0	1	0	100 (Saint Lucia)	0	0	0.88	57	15
57. Garlic	3,550	0.0	1	-6	11	2	8	85 (Dominican Rep.)	25	16	0.56	29	14
58. Soybeans	373	0.0	0	-10	0	2	8	85 (Belize)	23	16	0.54	27	11

Source: FAOSTAT.

Notes: All indices range from 0 (lowest) to 100 (best performance). Products are ranked according to the Production Index. Data refer to 2005 and growth rates to 2001-05.

Index 2 : Export

The Export Performance Index for the Caribbean ACP region aims to measure the export performance of the region's products by taking into account four dimensions: size, dynamism, exporter diversification, and trade balance. As will be detailed now, the top ten products in terms of proven export performance are bananas, plantains, other roots and tubers, papayas, avocados, mangoes, sweet potatoes, cocoa beans, other vegetables, coffee, green, and coconuts.

Size

The “*size*” dimension indicates the magnitude of the respective product exports in absolute and relative terms. We measure *the size* index of the products by calculating a simple average of two indices: (1) the value of Caribbean's exports to the world and (2) the share of Caribbean in world exports. Products, which register already high export values and in which Caribbean manages to capture a high world market share are considered to have already proven their export capacity and to thus have a high potential for future exports.

The top ten in terms of export size are: other roots and tubers, papayas, nutmeg, mace and cardamoms, bananas, plantains, sweet potatoes, cocoa beans, green coffee, avocados, coconuts, and mangoes.

Table 12. Export index: Top ten products for “size”

Top 10 products	Caribbean exports to world		Share of Caribbean in world exports		Average Index
	USD 1,000	Index	%	Index	
1. Other roots and tubers	31,965	97	14.0	100	99
2. Papayas	16,469	50	9.0	98	74
3. Nutmeg, mace, cardamoms	15,300	47	12.0	100	73
4. Bananas, plantains	231,852	100	3.9	43	71
5. Sweet potatoes	7,923	24	9.2	100	62
6. Cocoa beans	57,318	100	1.3	15	57
7. Coffee, green	32,866	100	0.3	4	52
8. Avocados	23,090	70	2.7	29	50
9. Coconuts	11,713	36	3.1	34	35
10. Mangoes	14,308	44	2.0	22	33

Source: ITC's TradeMap and Market Access Map, see Table 17.

Note: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005. The trade balance excludes intra-Caribbean trade.

Dynamism

The “*dynamism*” dimension shows how dynamic the products are. We evaluate the dynamism index of the products by calculating a simple average of two indices: (1) the absolute change in region's export value over the period 2001-05 and (2) the region's export growth rate to the world. Products with rapid export growth in value terms suggest that the country is competitive in the world markets. Stagnant or declining growth rates indicate the opposite. Everything else being equal, products which record fast growing exports over the last period are likely to experience the same trend if there is no major change in the world markets such as new competitors, new products, new technologies or fall in demand.

The top ten in terms of export dynamism are papayas, avocados, maize, bananas, plantains, tomatoes, soybeans, dry cow peas, mangoes, paddy rice, cherries, lettuce, and other pulses.

Table 13. Export index: Top ten products for “dynamism”

Top 10 products	Growth of Caribbean exports to world		Absolute change in Caribbean exports		Average Index
	% p.a	Index	USD 1,000	Index	
1. Papayas	26	61	9,861	100	80
2. Avocados	20	51	11,890	100	75
3. Maize	49	100	2,546	38	69
4. Bananas, plantains	10	33	70,898	100	67
4. Tomatoes	138	100	2,159	35	67
6. Soybeans*	High	100	528	21	60
7. Cow peas, dry*	High	100	80	17	59
7. Mangoes	17	46	6,611	72	59
7. Rice, paddy	126	100	278	19	59
10. Cherries*	High	100	27	17	58
10. Lettuce*	High	100	12	16	58
10. Other pulses*	High	100	47	17	58

Source: ITC's TradeMap and Market Access Map, see Table 17.

Note: All indices range from 0 (lowest) to 100 (best performance). Growth rates and absolute changes refer to 2001-05. The trade balance excludes intra-Caribbean trade. Products marked with * were not exported in 2001, thus growth rates between 2001 and 2005 are infinite. Consequently, they get 100 points.

Exporter diversification

The “*exporter diversification*” points out how numerous exporting countries of the region are in each product. We appraise the region's exporter diversification index of the products by calculating a simple average of two indices: (1) the number of significant exporting countries in the region (the higher the better) and (2) the share of the top exporting country of the region in a particular product, which is used as an indicator of export concentration (the lower the better). We assume that the more diversified the region is across its countries, the better it is.

The top ten in terms of exporter diversification are other fruits, other vegetables, oranges, other roots and tubers, white/long/black pepper, bananas, plantains, pineapples, ginger, mangoes, and other spices.

Table 14. Export index: Top ten products for diversification

Top 10 products	Number of exporting countries		Share of top exporter in Caribbean exports		Average Index
	0 to 15	Index	% (top exporter)	Index	
1. Other fruits	10	100	38 (Dominican Rep.)	100	100
2. Other vegetables	9	100	44 (Dominican Rep.)	92	96
3. Oranges	8	88	39 (Belize)	100	94
4. Other roots and tubers	9	100	51 (Jamaica)	81	90
5. Pepper, white/long/black	8	88	47 (Jamaica)	87	87
6. Bananas, plantains	10	100	62 (Dominican Rep.)	62	81
6. Pineapples	6	63	39 (Dominican Rep.)	100	81
8. Ginger	6	63	43 (Saint Vincent and the Grenadines)	93	78
9. Mangoes	9	100	72 (Haiti)	45	73
10. Other spices	8	88	66 (Jamaica)	55	71

Source: ITC's TradeMap and Market Access Map, see Table 17.

Note: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005. The trade balance excludes intra-Caribbean trade.

Trade balance

The “*trade balance*” reveals if the products prove to be net exporters or net importers. We measure the trade surplus index of the products by calculating a simple average of two indices: (1) the net trade balance, which is equal to exports minus imports, and (2)

the relative trade balance, which is the ratio between the net exports (exports minus imports) and the total trade (exports plus imports). This reduces bias against large products, which tend to have either higher deficits or surpluses. Both exclude intra-regional trade. They show whether a country is a net exporter or a net importer in absolute and relative terms respectively. In other words, they reveal whether the national production outweighs the national consumption or not. This index shows how the region performs *on average* in the world. It allows us to rank products according to their respective export performance index.

The top ten in terms of trade balance are bananas, plantains, cocoa beans, green coffee, other roots and tubers, avocados, papayas, mangoes, nutmeg/mace/cardamoms, coconuts, and sweet potatoes.

Table 15. Export index: Top ten products for trade balance

Top 10 products	Absolute trade balance		Relative trade balance		Average Index
	USD 1,000	Index	%	Index	
1. Bananas, plantains	225,844	100	98.2	99	100
2. Cocoa beans	56,218	100	96.2	98	99
3. Coffee, green	31,757	100	93.7	97	98
4. Other roots and tubers	28,662	95	99.4	100	97
5. Avocados	22,672	84	99.7	100	92
6. Papayas	16,400	73	99.9	100	86
7. Mangoes	14,048	69	97.6	99	84
8. Nutmeg, mace, cardamoms	14,290	69	88.2	94	82
9. Coconuts	10,770	63	89.8	95	79
10. Sweet potatoes	7,426	57	99.7	100	78

Source: ITC's TradeMap and Market Access Map, see Table 17.

Note: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005 and growth rates to 2001-05. The trade balance excludes intra-Caribbean trade.

Overall Export index

The top ten products in terms of Caribbean ACP's export performance are bananas, plantains, other roots and tubers, papayas, avocados, mangoes, sweet potatoes, cocoa beans, other vegetables, green coffee, and coconuts.

Table 16. Export index for Caribbean ACP countries

	Rank size	Rank dynamism	Rank diversification	Rank trade balance
1. Bananas, plantains	4	4	6	1
2. Other roots and tubers	1	38	4	4
3. Papayas	2	1	19	6
4. Avocados	8	2	28	5
5. Mangoes	10	7	9	7
6. Sweet potatoes	5	32	11	10
7. Cocoa beans	6	23	24	2
7. Other vegetables	11	18	2	16
9. Coffee, green	7	51	18	3
10. Coconuts	9	25	20	9

Source: ITC's TradeMap and Market Access Map, see Table 17.

Table 17. Export index for Caribbean ACP countries and underlying indicators

Products	Size					Dynamism					Diversification					Trade balance					Export index
	Caribbean exports to world		Share of Caribbean in world exports		Average Index	Growth of Caribbean exports to world		Absolute change in Caribbean exports		Average Index	Number of exporting countries		Share of top exporter in Caribbean exports		Average Index	Absolute		Relative		Average Index	
	USD 1,000	Index	%	Index		% p.a	Index	USD 1,000	Index		0 to 15	Index	% (top exporter)	Index		USD 1,000	Index	%	Index		
1. Bananas, plantains	231,852	100	3.9	43	71	10	33	70,898	100	67	10	100	62 (Dominican Rep.)	62	81	225,844	100	98.2	99	100	80
2. Other roots and tubers	31,965	97	14.0	100	99	0	17	-367	13	15	9	100	51 (Jamaica)	81	90	28,662	95	99.4	100	97	75
3. Papayas	16,469	50	9.0	98	74	26	61	9,861	100	80	6	63	81 (Belize)	30	46	16,400	73	99.9	100	86	72
4. Avocados	23,090	70	2.7	29	50	20	51	11,890	100	75	6	63	96 (Dominican Rep.)	7	35	22,672	84	99.7	100	92	63
5. Mangoes	14,308	44	2.0	22	33	17	46	6,611	72	59	9	100	72 (Haiti)	45	73	14,048	69	97.6	99	84	62
6. Sweet potatoes	7,923	24	9.2	100	62	3	23	989	25	24	6	63	54 (Dominican Rep.)	76	69	7,426	57	99.7	100	78	58
7. Cocoa beans	57,318	100	1.3	15	57	1	19	2,991	42	31	6	63	89 (Dominican Rep.)	18	40	56,218	100	96.2	98	99	57
7. Other vegetables	12,579	38	0.5	6	22	9	32	3,521	46	39	9	100	44 (Dominican Rep.)	92	96	8,695	59	58.6	79	69	57
9. Coffee, green	32,866	100	0.3	4	52	-8	3	-13,887	0	1	5	50	67 (Jamaica)	54	52	31,757	100	93.7	97	98	51
10. Coconuts	11,713	36	3.1	34	35	5	26	2,061	34	30	7	75	93 (Dominican Rep.)	11	43	10,770	63	89.8	95	79	47
11. Oranges	4,386	13	0.2	2	7	3	22	456	20	21	8	88	39 (Belize)	100	94	2,329	48	50.0	75	61	46
11. Other fruits	1,810	5	0.2	2	4	7	30	450	20	25	10	100	38 (Dominican Rep.)	100	100	723	45	29.8	65	55	46
13. Chillies & peppers, green	7,441	23	0.3	3	13	9	32	2,158	35	33	6	63	56 (Dominican Rep.)	72	67	5,415	53	64.9	82	68	45
13. Nutmeg, mace, cardamons	15,300	47	12.0	100	73	-3	12	-1,931	0	6	4	38	99 (Grenada)	2	20	14,290	69	88.2	94	82	45
15. Cassava	541	2	0.1	1	1	33	73	366	19	46	4	38	53 (Suriname)	77	57	420	45	63.6	82	63	42
15. Grapefruit and pomelos	4,246	13	0.7	7	10	7	29	1,012	25	27	7	75	72 (Bahamas)	46	60	3,709	50	82.3	91	71	42
17. Ginger	629	2	0.2	2	2	14	40	252	19	29	6	63	43 (Saint Vincent and the Grenadines)	93	78	76	44	19.4	60	52	40
18. Pineapples	1,324	4	0.1	1	3	-3	13	-145	15	14	6	63	39 (Dominican Rep.)	100	81	331	44	25.5	63	54	38
18. Tomatoes	2,237	7	0.0	0	4	138	100	2,159	35	67	4	38	73 (Dominican Rep.)	44	41	-1,118	42	-25.4	37	40	38
20. Eggplants	1,790	5	0.6	6	6	12	38	662	22	30	5	50	83 (Dominican Rep.)	29	39	1,732	47	97.7	99	73	37
20. Other pulses	92	0	0.0	0	0		100	47	17	58	3	25	49 (Bahamas)	84	54	-199	43	-52.0	24	34	37
22. Watermelons	699	2	0.1	1	2	29	66	443	20	43	4	38	42 (Guyana)	95	66	-207	43	-46.1	27	35	36
23. Other spices	2,634	8	0.4	4	6	2	21	224	18	20	8	88	66 (Jamaica)	55	71	-1,865	40	-27.4	36	38	34
23. Pepper, white/long/black	925	3	0.2	2	2	-5	9	-201	15	12	8	88	47 (Jamaica)	87	87	-1,567	41	-46.7	27	34	34
25. Beans	1,185	4	0.2	2	3	-4	9	-235	14	12	5	50	84 (Dominican Rep.)	26	38	1,046	46	80.6	90	68	30
25. Lemons and limes	834	2	0.1	1	2	30	68	521	21	44	4	38	83 (Dominican Rep.)	28	33	-420	43	-21.0	40	41	30
27. Pimento, allspice	3,809	12	0.6	7	9	-1	16	-90	16	16	5	50	95 (Jamaica)	8	29	2,784	49	58.2	79	64	29
28. Cucumbers and gherkins	1,071	3	0.1	1	2	-10	0	-559	12	6	4	38	85 (Dominican Rep.)	25	31	897	45	94.1	97	71	28
29. Soybeans	528	2	0.0	0	1		100	528	21	60	1	0	100 (Trinidad and Tobago)	0	0	0	44	0.0	50	47	27
30. Lettuce	12	0	0.0	0	0		100	12	16	58	1	0	100 (Trinidad and Tobago)	0	0	0	44	0.0	50	47	26

Products	Size					Dynamism					Diversification					Trade balance					Export index
	Caribbean exports to world		Share of Caribbean in world exports		Average Index	Growth of Caribbean exports to world		Absolute change in Caribbean exports		Average Index	Number of exporting countries		Share of top exporter in Caribbean exports		Average Index	Absolute		Relative		Average Index	
	USD 1,000	Index	%	Index		% p.a	Index	USD 1,000	Index		0 to 15	Index	% (top exporter)	Index		USD 1,000	Index	%	Index		
31. Cantaloupes & other melons	8,423	26	0.7	8	17	-6	6	-2,448	0	3	2	13	99 (Dominican Rep.)	2	7	7,030	56	73.0	87	71	25
31. Citrus fruit nes	1,155	3	2.6	29	16	-5	9	-253	14	11	1	0	100 (Jamaica)	0	0	1,111	46	92.7	96	71	25
31. Spinach	123	0	0.1	1	1	-4	11	-20	16	13	4	38	81 (Jamaica)	31	34	46	44	23.0	62	53	25
34. Onions	262	1	0.0	0	0	13	38	99	17	28	4	38	55 (Jamaica)	73	55	-12,231	22	-97.5	1	12	24
34. Rice, paddy	289	1	0.1	1	1	126	100	278	19	59	2	13	84 (Guyana)	26	19	-8,102	29	-93.4	3	16	24
36. Cabbages	376	1	0.1	1	1	25	60	222	18	39	3	25	76 (Trinidad and Tobago)	35	30	-2,402	40	-94.9	3	21	23
36. Cashew nuts	54	0	0.0	0	0	17	46	25	17	31	2	13	57 (Trinidad and Tobago)	70	41	-3,649	37	-98.8	1	19	23
36. Cherries	27	0	0.0	0	0		100	27	17	58	1	0	100 (Dominican Rep.)	0	0	-65	44	-54.6	23	33	23
36. Maize	3,201	10	0.0	0	5	49	100	2,546	38	69	3	25	92 (Trinidad and Tobago)	14	19	-149,500	0	-99.6	0	0	23
36. Plums	13	0	0.0	0	0	34	75	9	16	46	1	0	100 (Saint Vincent and the Grenadines)	0	0	0	44	0.0	50	47	23
41. Cinnamon (canella)	48	0	0.0	0	0	3	23	6	16	20	3	25	65 (Dominica)	58	42	-719	42	-89.5	5	24	21
41. Tang. mand.clement. satsma	547	2	0.0	0	1	-17	0	-600	11	6	4	38	91 (Jamaica)	15	26	125	44	15.2	58	51	21
43. Peas, dry	1,950	6	0.2	3	4	9	32	558	21	27	3	25	88 (Belize)	19	22	-3,504	38	-60.0	20	29	20
44. Garlic	359	1	0.0	0	1	25	60	214	18	39	4	38	87 (Trinidad and Tobago)	22	30	-17,362	13	-99.6	0	7	19
45. Potatoes	164	0	0.0	0	0	36	78	107	17	47	3	25	85 (Trinidad and Tobago)	25	25	-24,707	0	-99.8	0	0	18
46. Beans, dry	2,706	8	0.3	3	6	17	47	1,281	27	37	2	13	96 (Belize)	7	10	-9,031	28	-97.7	1	14	17
46. Pears and quinces	30	0	0.0	0	0	-9	2	-13	16	9	2	13	63 (Jamaica)	60	36	-1,693	41	-96.6	2	21	17
48. Carrots	45	0	0.0	0	0	2	21	4	16	19	1	0	100 (Trinidad and Tobago)	0	0	0	44	0.0	50	47	16
49. Cow peas, dry	80	0	0.0	0	0		100	80	17	59	1	0	100 (Belize)	0	0	-29,335	0	-99.5	0	0	15
50. Groundnuts in shell	10	0	0.0	0	0	-31	0	-33	16	8	1	0	100 (Barbados)	0	0	0	44	0.0	50	47	14
51. Apples	113	0	0.0	0	0	-5	9	-25	16	12	2	13	72 (Trinidad and Tobago)	46	29	-14,154	19	-99.4	0	9	13

Source: ITC's TradeMap and Market Access Map.

Note: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005 and growth rates to 2001-05. The trade balance excludes intra-Caribbean trade.

Index 3: Import

The Import Index for the Caribbean ACP region aims to measure the current regional reliance on imports of the products by taking into account three dimensions of the import: size, dynamism, and diversification. As will be detailed now, the top ten products in terms of high regional demand for imports are garlic, dry cow peas, dry beans, cauliflower, maize, potatoes, onions, other spices, apples, and cabbages.

Size

We measure *the “size”* index of the products by the share of the region in world imports. The top ten in terms of import size are dry cow peas, cauliflower, garlic, potatoes, maize, paddy rice, dry beans, soybeans, onions and apples.

Table 18. Import index: Top ten products for “size”

Top 10 products	Caribbean imports from world		Share of Caribbean in world imports		Average Index
	USD 1,000	Index	%	Index	
1. Cow peas, dry	29,425	100	9.6	100	100
2. Cauliflower	17,943	72	2.8	100	86
3. Garlic	17,489	71	2.1	100	85
4. Potatoes	24,798	100	1.2	57	79
5. Maize	149,876	100	1.1	55	77
6. Rice, paddy	8,390	34	1.8	89	61
7. Beans, dry	11,746	47	1.1	55	51
7. Soybeans	23,767	96	0.1	6	51
9. Onions	12,453	50	0.8	38	44
10. Apples	14,434	58	0.3	16	37

Source: ITC's TradeMap and Market Access Map, see Table 22.

Note: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005.

Dynamism

The “dynamism” dimension shows how dynamic the regional market is. We evaluate the dynamism index of the products by calculating the region's import growth rate. The top ten in terms of import dynamism are cauliflower, dry beans, dry cow beans, maize, garlic, other spices, tomatoes, cabbages, green chillies&peppers, lemons and limes, and onions.

Table 19. Import index: Top ten products for “dynamism”

Top 10 products	Growth of Caribbean imports from world		Absolute change in Caribbean imports		Average Index
	% p.a	Index	USD 1,000	Index	
1. Cauliflower	101	100	16,552	100	100
2. Beans, dry	27	100	7,265	89	94
3. Cow peas, dry	9	69	8,302	100	85
4. Maize	3	59	15,141	100	80
5. Garlic	12	75	6,319	78	76
6. Other spices	25	97	2,662	38	67
7. Tomatoes	27	99	1,828	29	64
8. Cabbages	24	95	1,534	26	60
9. Chillies & peppers, green	27	99	974	20	59
10. Lemons and limes	27	100	722	17	58
10. Onions	9	69	3,467	47	58

Source: ITC's TradeMap and Market Access Map, see Table 22.

Note: All indices range from 0 (lowest) to 100 (best performance). Growth rates refer and absolute changes to 2001-05.

Diversification

The “*importer diversification*” indicates how numerous producing countries of the region are in each commodity. We appraise *the region’s production diversification* index of the products by calculating a simple average of two indices: (1) the number of significant producing countries in the region (the higher the better) and (2) the share of the top one producing country of the region in a particular product, which is used as an indicator of production concentration (the lower the better). We assume that the more diversified the region is across its countries, the more appropriate will be interventions under the Programme.

The top ten in terms of importer diversification are potatoes, onion, other vegetables, garlic, dry beans, other spices, white/long/black pepper, dry peas, apples, and carrots.

Table 20. Import index: Top ten products for “diversification”

Top 10 products	Number of importing countries in Caribbean		Share of top importer in Caribbean exports		Average Index
	0 to 15	Index	% (top importer)	Index	
1. Potatoes	15	100	30 (Trinidad and Tobago)	88	94
2. Onions	15	100	33 (Dominican Republic)	85	93
2. Other vegetables	13	86	21 (Barbados)	100	93
4. Garlic	14	93	29 (Haiti)	90	91
5. Beans, dry	15	100	36 (Jamaica)	81	90
6. Other spices	15	100	42 (Jamaica)	74	87
6. Pepper, white/long/black	14	93	35 (Dominican Republic)	82	87
8. Peas, dry	15	100	45 (Trinidad and Tobago)	70	85
9. Apples	15	100	53 (Dominican Republic)	59	80
9. Carrots	14	93	48 (Trinidad and Tobago)	67	80

Source: ITC’s TradeMap and Market Access Map, see Table 22.

Note: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005.

Overall Import index

The top ten products in terms of Caribbean ACP import index are garlic, dry cow peas, dry beans, cauliflower, maize, potatoes, onions, other spices, apples, and cabbages.

Table 21. Import index for Caribbean ACP countries

	Rank size	Rank growth	Rank diversification
1. Garlic	3	5	4
2. Cow peas, dry	1	3	23
3. Beans, dry	7	2	5
4. Cauliflower	2	1	37
4. Maize	5	4	15
4. Potatoes	4	13	1
7. Onions	9	10	2
8. Other spices	12	6	6
9. Apples	10	20	9
10. Cabbages	17	8	11

Source: ITC’s TradeMap and Market Access Map, see Table 22.

Table 22. Import index for Caribbean ACP countries and underlying indicators

Products	Size				Average Index	Dynamism				Average Index	Diversification				Average Index	Import Index
	Caribbean imports from world		Share of Caribbean in world imports (%)			Growth of Caribbean imports		Absolute change in Caribbean imports			Number of importing countries in Caribbean		Share of top Caribbean importer			
	USD 1,000	Index	%	Index		% p.a	Index	USD 1,000	Index		0 to 15	Index	% (top importer)	Index		
1. Garlic	17,489	71	2.1	100	85	12	75	6,319	78	76	14	93	29 (Haiti)	90	91	84
2. Cow peas, dry	29,425	100	9.6	100	100	9	69	8,302	100	85	13	86	73 (Dominican Rep.)	34	60	82
3. Beans, dry	11,746	47	1.1	55	51	27	100	7,265	89	94	15	100	36 (Jamaica)	81	90	79
4. Cauliflower	17,943	72	2.8	100	86	101	100	16,552	100	100	10	64	86 (Trinidad & Tobago)	18	41	76
4. Maize	149,876	100	1.1	55	77	3	59	15,141	100	80	15	100	66 (Dominican Rep.)	43	72	76
4. Potatoes	24,798	100	1.2	57	79	4	62	3,622	49	55	15	100	31 (Trinidad & Tobago)	88	94	76
7. Onions	12,453	50	0.8	38	44	9	69	3,467	47	58	15	100	33 (Dominican Rep.)	85	93	65
8. Other spices	4,482	18	0.7	33	25	25	97	2,662	38	67	15	100	41 (Jamaica)	74	87	60
9. Apples	14,434	58	0.3	16	37	5	63	2,410	35	49	15	100	53 (Dominican Rep.)	59	80	55
10. Cabbages	2,815	11	0.3	17	14	24	95	1,534	26	60	11	71	34 (Trinidad & Tobago)	84	78	51
11. Tomatoes	3,153	13	0.1	3	8	27	99	1,828	29	64	11	71	38 (Bahamas)	79	75	49
12. Carrots	4,442	18	0.7	32	25	4	62	673	16	39	14	93	48 (Trinidad & Tobago)	67	80	48
13. Chillies & peppers, green	1,853	7	0.1	3	5	27	99	974	20	59	10	64	30 (Barbados)	89	77	47
13. Other vegetables	3,526	14	0.1	7	10	3	60	469	14	37	13	86	21 (Barbados)	100	93	47
15. Lettuce	3,275	13	0.2	8	11	19	86	1,387	24	55	10	64	38 (Bahamas)	79	72	46
15. Soybeans	23,767	96	0.1	6	51	3	60	2,621	38	49	6	36	69 (Trinidad & Tobago)	39	38	46
17. Peas, dry	5,353	22	0.6	29	25	-8	42	-2,059	0	21	15	100	45 (Trinidad & Tobago)	70	85	44
18. Bananas, plantains	5,417	22	0.1	3	12	14	79	2,336	35	57	7	43	38 (Bahamas)	78	60	43
19. Pepper, white/long/black	2,490	10	0.5	23	17	-6	45	-685	1	23	14	93	35 (Dominican Rep.)	82	87	42
20. Cantaloupes & other melons	1,298	5	0.1	5	5	19	86	519	15	50	8	50	34 (Bahamas)	83	67	41
21. Pears and quinces	1,723	7	0.1	5	6	5	63	291	12	38	10	64	28 (Trinidad & Tobago)	91	78	40
22. Other roots and tubers	2,228	9	0.9	46	27	18	84	1,116	21	53	6	36	69 (Trinidad & Tobago)	39	37	39
22. Pimento, allspice	998	4	0.2	7	6	17	83	454	14	48	9	57	46 (Jamaica)	67	62	39
24. Plums	690	3	0.1	6	4	4	61	80	10	35	9	57	33 (Barbados)	85	71	37
25. Rice, paddy	8,390	34	1.8	89	61	-1	53	-375	5	29	6	36	98 (Jamaica)	2	19	36
26. Coconuts	824	3	0.2	11	7	5	63	160	11	37	8	50	43 (Dominican Rep.)	73	61	35
26. Groundnuts in shell	913	4	0.5	24	14	5	63	149	11	37	7	43	49 (Trinidad & Tobago)	65	54	35
28. Cinnamon (canella)	782	3	0.5	25	14	9	70	229	11	41	6	36	54 (Dominican Rep.)	59	47	34
28. Watermelons	679	3	0.1	5	4	15	80	242	12	46	7	43	52 (Barbados)	61	52	34
30. Cashew nuts	3,690	15	0.2	9	12	11	73	1,264	23	48	10	64	90 (Trinidad & Tobago)	12	38	33
30. Nutmeg, mace, cardamons	1,017	4	0.4	20	12	9	70	282	12	41	7	43	63 (Dominican Rep.)	47	45	33
30. Other fruits	1,328	5	0.1	6	6	-7	42	-811	0	21	10	64	39 (Saint Lucia)	78	71	33
33. Pineapples	821	3	0.1	3	3	15	80	362	13	46	6	36	53 (Barbados)	60	48	32
34. Ginger	328	1	0.1	5	3	3	61	44	9	35	7	43	48 (Trinidad & Tobago)	66	55	31
35. Grapefruit and pomelos	480	2	0.1	3	2	13	76	198	11	43	4	21	48 (Barbados)	65	43	30
35. Lemons and limes	1,243	5	0.1	4	5	27	100	722	17	58	4	21	76 (Bahamas)	31	26	30

Products	Size					Dynamism					Diversification					Import Index
	Caribbean imports from world		Share of Caribbean in world imports (%)		Average Index	Growth of Caribbean imports		Absolute change in Caribbean imports		Average Index	Number of importing countries in Caribbean		Share of top Caribbean importer		Average Index	
	USD 1,000	Index	%	Index		% p.a	Index	USD 1,000	Index		0 to 15	Index	% (top importer)	Index		
37. Avocados	195	1	0.0	1	1	5	62	59	10	36	7	43	56 (Antigua & Barbuda)	56	49	29
37. Coffee, green	1,139	5	0.0	0	2	-11	37	-623	2	19	10	64	49 (Jamaica)	65	65	29
37. Oranges	1,970	8	0.1	3	5	5	62	343	13	38	5	29	53 (Barbados)	60	44	29
37. Sweet potatoes	443	2	0.5	22	12	3	61	55	10	35	4	21	54 (Trinidad & Tobago)	58	40	29
41. Broad beans, dry	31	0	0.0	1	0		100	11	9	55	2	7	65 (Antigua & Barbuda)	45	26	27
41. Citrus fruit nes	75	0	0.2	11	6	9	70	27	9	40	3	14	55 (Dominican Rep.)	57	36	27
43. Cucumbers and gherkins	88	0	0.0	0	0	37	100	65	10	55	3	14	73 (Barbados)	35	24	26
43. Mangoes	203	1	0.0	1	1	5	64	39	9	37	6	36	63 (Barbados)	47	41	26
45. Castor beans	33	0	0.9	42	21		100	33	9	55	1	0	100 (Saint Kitts & Nevis)	0	0	25
46. Sesame seed	163	1	0.0	1	1	10	71	51	9	40	3	14	64 (Trinidad & Tobago)	45	30	24
46. Spinach	77	0	0.1	3	2	18	84	10	9	46	3	14	73 (Antigua & Barbuda)	35	24	24
48. Cherries	92	0	0.0	1	0	7	67	23	9	38	2	7	73 (Barbados)	34	21	20
49. Other pulses	291	1	0.1	4	3	-11	36	-183	7	21	3	14	57 (Dominican Rep.)	55	35	19
49. Papayas	20	0	0.0	0	0	-13	33	-17	9	21	2	7	50 (Belize)	63	35	19
51. Beans	126	0	0.0	1	1	-46	0	-1,045	0	0	6	36	46 (Dominican Rep.)	68	52	18
51. Seed cotton	0	0	0.0	0	0	-100	0	-90	8	4	0	0	0 (Suriname)	100	50	18
51. Sisal and other textile fibres of agave	0	0	0.0	0	0	-100	0	-61	8	4	0	0	0 (Trinidad & Tobago)	100	50	18
54. Tang. mand.clement. satsma	402	2	0.0	1	1	-1	54	-10	9	31	4	21	86 (Barbados)	18	20	17
55. Eggplants	20	0	0.0	0	0	-18	25	-30	9	17	2	7	55 (Antigua & Barbuda)	57	32	16
56. Cassava	120	0	0.0	1	1	-13	33	-16	9	21	2	7	83 (Antigua & Barbuda)	22	15	12
57. Cocoa beans	1,100	4	0.0	1	3	-100	0	-97	8	4	1	0	100 (Bahamas)	0	0	2
58. Sorghum	18	0	0.0	0	0	-42	0	-137	7	4	1	0	100 (Belize)	0	0	1

Source: ITC's TradeMap and Market Access Map.

Note: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005 and growth rates to 2001-05.

Index 4 : World market

The World market index aims to measure the world market trends of the products by taking into account three dimensions of the market demand: size, dynamism and the market access of Caribbean ACP countries. As will be detailed now, the top ten products in terms of high and accessible international demand are green coffee, maize, soybeans, bananas, plantains, cocoa beans, tomatoes, green chillies & peppers, pineapples, avocados, cashew nuts, and tang. mand. clement. satsma.

Size

We estimate *the size* of the products by calculating a simple average of two indices:(1) the value of world imports and (2) the share of regional imports in world imports. All things being equal, products which already register a large international demand are more promising for future export growth. The top ten products in terms of world import size are green coffee, maize, soybeans, bananas, plantains, tomatoes, cocoa beans, apples, oranges, green chillies & peppers, and other vegetables.

Table 23. World market index: Top ten products for “size”

Top 10 products	World imports	
	USD million	Index
1. Coffee, green	10,154	100
1. Maize	13,250	100
1. Soybeans	18,916	100
4. Bananas, plantains	8,743	86
5. Tomatoes	5,253	51
6. Cocoa beans	4,745	46
7. Apples	4,237	41
8. Oranges	3,161	31
9. Chillies & peppers, green	2,866	28
10. Other vegetables	2,470	24

Source: ITC's TradeMap and Market Access Map, see Table 27.

Note: All indices range from 0 (lowest) to 100 (best performance). Data refer to 2005.

Dynamism

We evaluate *the dynamism* of the products by calculating a simple average of (1) the absolute change in world imports and (2) the growth of world imports. Fast growing global markets are more likely to produce net gains for an exporting country/region than slow growing, stagnant or declining markets. All things being equal, the more dynamic world imports are, the higher the probability of future export growth is. The dynamism of international demand for each product is measured by the world import growth rate between 2001 and 2005.

The top ten in terms of world import dynamism are green coffee, soybeans, cocoa beans, maize, tomatoes, bananas, plantains, cashew nuts, avocados, pineapples, apples, beans, and sweet potatoes.

Table 24. Import index: Top ten products for “dynamism”

Top 10 products	Growth of world imports		Absolute change in world imports		Average Index
	% p.a	Index	USD million	Index	
1. Coffee, green	13	64	3,826	100	82
2. Soybeans	12	62	6,918	100	81
3. Cocoa beans	16	80	2,152	68	74
4. Maize	7	41	3,180	100	71
5. Tomatoes	14	71	2,168	69	70
6. Bananas, plantains	10	52	2,704	85	69
7. Cashew nuts	21	100	1,000	32	66
8. Avocados	24	100	574	19	59
8. Pineapples	20	93	766	25	59
10. Apples	11	57	1,437	46	51
10. Beans	19	90	331	11	51
10. Sweet potatoes	24	100	56	3	51

Source: ITC's TradeMap and Market Access Map, see Table 27.

Note: All indices range from 0 (lowest) to 100 (best performance). Growth rates and absolute changes refer to 2001-05.

Market access

We assess the market access conditions of the products by calculating a simple average of (1) the applied tariff to the region and of (2) the tariff differential between the region and the MFN regime. All things being equal, products that enjoy open markets and preferential access are more promising for future export growth.

The top ten in terms of market access are sesame seed, cassava, cantaloupes & other melons, beans, maize, avocados, garlic, eggplants, watermelons, green chillies & peppers, pimento, allspice, and sweet potatoes.

Table 25. Import index: Top ten products for “market access”

Top 10 products	Tariff applied to the Caribbean		Tariff advantage		Average Index
	%	Index	%	Index	
1. Sesame seed	6	80	61	100	90
2. Cassava	8	73	45	100	86
3. Cantaloupes & other melons	1	98	8	63	81
4. Beans	1	95	8	64	80
4. Maize	12	59	40	100	80
6. Avocados	0	99	5	59	79
6. Garlic	10	67	25	91	79
8. Eggplants	2	92	8	64	78
8. Watermelons	2	94	7	62	78
10. Chillies & peppers, green	1	98	3	55	77
10. Pimento, allspice	5	82	13	72	77
10. Sweet potatoes	2	95	5	59	77

Source: ITC's TradeMap and Market Access Map, see Table 27.

Notes: All indices range from 0 (lowest) to 100 (best performance). The preferential tariff advantage is calculated as the difference between the MFN rate (applied to WTO members) and the rate applied to Caribbean ACP countries.

Overall World Market index

The top ten products in terms of the World market index are green coffee, maize, soybeans, bananas, plantains, cocoa beans, tomatoes, green chillies&peppers, pineapples, avocados, cashew nuts, and tang. mand.clement. satsma.

Table 26. World market index for Caribbean ACP countries

	Rank size	Rank dynamism	Rank market access
1. Coffee, green	1	1	18
2. Maize	1	4	4
3. Soybeans	1	2	56
4. Bananas, plantains	4	6	50
5. Cocoa beans	6	3	16
6. Tomatoes	5	5	51
7. Chillies & peppers, green	9	15	10
7. Pineapples	17	8	15
9. Avocados	23	8	6
10. Cashew nuts	13	7	47
10. Tang. mand.clement. satsma	11	13	20

Source: ITC's TradeMap and Market Access Map, see Table 27.

Table 27. World market index and underlying indicators

Products	Size		Dynamism					Market access				World Market Index	
	World imports		Growth of world imports		Absolute change of world imports		Average index	Tariff applied to the Caribbean		Tariff advantage*			Average index
	USD million	Index	(% p.a.)	Index	USD millions	Index		%	Index	%	Index		
1. Coffee, green	10,154	100	13	64	3,826	100	82	1%	96	0%	50	73	85
2. Maize	13,250	100	7	41	3,180	100	71	12%	59	40%	100	80	83
3. Soybeans	18,916	100	12	62	6,918	100	81	18%	41	0%	50	46	76
4. Bananas, plantains	8,743	86	10	52	2,704	85	69	13%	55	2%	54	54	70
5. Cocoa beans	4,745	46	16	80	2,152	68	74	1%	97	0%	50	74	65
6. Tomatoes	5,253	51	14	71	2,168	69	70	16%	46	1%	52	49	57
7. Chillies & peppers, green	2,866	28	12	60	1,022	33	46	1%	98	3%	55	77	50
7. Pineapples	1,497	14	20	93	766	25	59	2%	95	4%	56	75	50
9. Avocados	996	9	24	100	574	19	59	0%	99	5%	59	79	49
10. Cashew nuts	1,874	18	21	100	1,000	32	66	9%	70	0%	50	60	48
10. Tang. mand.clement. satsma	2,408	23	13	66	930	30	48	6%	80	9%	65	72	48
12. Apples	4,237	41	11	57	1,437	46	51	17%	44	2%	53	49	47
13. Sesame seed	835	8	13	67	325	11	39	6%	80	61%	100	90	46
14. Beans	661	6	19	90	331	11	51	1%	95	8%	64	80	45
14. Oranges	3,161	31	9	48	888	29	38	9%	70	7%	61	66	45
14. Other vegetables	2,470	24	11	57	836	27	42	6%	81	5%	58	70	45
17. Lettuce	1,860	18	14	72	776	25	48	9%	70	4%	57	63	43
17. Sweet potatoes	97	0	24	100	56	3	51	2%	95	5%	59	77	43
19. Garlic	848	8	13	66	331	11	39	10%	67	25%	91	79	42
20. Cantaloupes & other melons	1,253	12	10	51	382	13	32	1%	98	8%	63	81	41
20. Eggplants	283	2	17	81	130	5	43	2%	92	8%	64	78	41
20. Lemons and limes	1,389	13	14	68	555	18	43	6%	80	3%	55	67	41
23. Ginger	321	2	17	84	154	6	45	5%	82	3%	55	69	39
23. Mangoes	944	9	12	61	338	12	36	2%	95	1%	52	73	39
23. Onions	1,581	15	10	53	500	17	35	7%	77	3%	54	66	39
23. Other fruits	1,085	10	12	63	404	14	39	6%	81	4%	57	69	39
23. Potatoes	2,091	20	7	42	513	17	30	7%	75	7%	62	69	39
23. Watermelons	657	6	12	59	230	8	34	2%	94	7%	62	78	39
29. Other spices	666	6	12	63	246	9	36	3%	90	2%	53	72	38
29. Pears and quinces	1,716	16	13	64	648	21	43	13%	57	2%	53	55	38
29. Pimento, allspice	644	6	10	55	209	8	31	5%	82	13%	72	77	38
29. Spinach	115	0	18	85	55	3	44	5%	85	4%	57	71	38
33. Cassava	574	5	6	36	115	5	20	8%	73	45%	100	86	37
33. Cauliflower	637	6	14	69	256	9	39	6%	78	5%	58	68	37
33. Cherries	681	6	12	63	253	9	36	5%	83	4%	57	70	37
36. Coconuts	363	3	15	74	151	6	40	5%	83	0%	50	67	36
36. Plums	559	5	9	47	157	6	27	2%	92	6%	59	76	36

Products	Size		Dynamism					Market access					World Market Index
	World imports		Growth of world imports		Absolute change of world imports		Average index	Tariff applied to the Caribbean		Tariff advantage*		Average index	
	USD million	Index	(% p.a.)	Index	USD millions	Index		%	Index	%	Index		
38. Cabbages	820	7	10	53	259	9	31	6%	79	4%	57	68	35
38. Cucumbers and gherkins	1,434	14	13	66	556	18	42	17%	42	3%	56	49	35
38. Papayas	222	2	9	51	67	3	27	0%	98	2%	54	76	35
41. Carrots	666	6	9	48	191	7	28	7%	77	5%	59	68	34
42. Grapefruit and pomelos	778	7	6	37	164	6	22	3%	89	1%	52	70	33
42. Groundnuts in shell	185	1	10	55	60	3	29	3%	89	0%	51	70	33
42. Rice, paddy	459	4	13	64	170	6	35	11%	63	3%	54	59	33
42. Sisal and other textile fibres of agave	70	0	11	59	23	2	30	4%	87	0%	50	68	33
46. Broad beans, dry	144	1	3	24	16	2	13	4%	85	5%	59	72	29
46. Other roots and tubers	235	2	3	25	29	2	14	4%	86	4%	57	71	29
46. Seed cotton	266	2	3	24	31	2	13	2%	94	0%	50	72	29
49. Cinnamon (canella)	149	1	5	32	26	2	17	6%	81	0%	50	65	28
50. Peas, dry	890	8	6	36	179	7	21	16%	46	0%	51	48	26
51. Beans, dry	1,035	10	5	33	184	7	20	19%	37	2%	53	45	25
51. Citrus fruit nes	33	0	-16	0	-33	0	0	3%	89	5%	59	74	25
51. Sorghum	747	7	-2	3	-64	0	1	6%	81	1%	52	67	25
54. Pepper, white/long/black	517	4	-3	0	-60	0	0	6%	82	0%	51	66	24
55. Castor beans	4	0	-20	0	-5	1	0	5%	85	0%	50	67	23
55. Cow peas, dry	306	2	6	36	60	3	19	19%	36	6%	60	48	23
55. Nutmeg, mace, cardamons	248	2	-2	4	-18	0	2	7%	78	0%	50	64	23
58. Other pulses	344	3	1	15	10	1	8	18%	39	0%	50	44	18

Source: ITC's TradeMap and Market Access Map.

Notes: All indices range from 0 (lowest) to 100 (best performance). Products are ranked according to the world market Index. * The preferential tariff advantage is calculated as the difference between the MFN rate (applied to WTO members) and the rate applied to Caribbean ACP countries.

Comparing products along the four dimensions

We combine and compare the four indices. High ranks in both the production index and the import index suggest an existing potential for import substitution whereas high ranks in both production, export and/or world market indices suggest a potential for export development. Products which rank lower in terms of the production index, but for which there is identified import reliance, or where world market indices suggest a potential for import substitution or export development in the future may require interventions to develop their capacity.

We distinguish whether a product is ranked among the top 20 products for each dimension or whether it is not. We can identify 16 possible combinations on the basis of the composite indices. Table 29 uses a different colours for the cases depending on the number of dimensions for which the product lies among the top 20 products: Dark red (0 dimension), red (1), yellow (2), green (3), dark green (4).

- The dark green case in the top right shows those products that are among the top 20 in production, exports, imports and world markets. Bananas and plantains and Other vegetables seem interesting both from an import substitution and from an export development point of view.
- The dark red case in the bottom left shows those products with low rankings in all four dimensions. Broad beans, Castor beans, Cherries and Cinnamon for example appear to have low potential both from an import substitution and an export development point of view.
- Between these two extreme cases, some products seem more promising for export development (for example when production and export indices are high), while others seem more promising for import substitution (when production and import indices are high).

To assist in the interpretation of this information, we distinguish two categories of products on the basis of their current production performance:

- **Products with *high* ranks in production** represent opportunities for import substitution and/or export development (Table 30). We can discern four subcategories of opportunities:
 - *Export development and import substitution.* This subcategory includes Bananas and plantains and Other vegetables.
 - *Export development only.* Several fruits and vegetables (Avocados, Grapefruit & pomelos, Mangoes, Oranges, Other fruits, Papayas) lie in this subcategory, and also Beans; Other pulses; Coffee, green; Coconuts, Other roots and tubers, Ginger, Nutmeg, mace, cardamoms.
 - *Import substitution only.* It consists of Cabbages and Other spices.
 - *No apparent potential* appears for Rice, paddy, Cucumbers and gherkins, and Citrus fruits not elsewhere specified.
- **Products with *low* ranks in production** represent opportunities for significant production capacity development prior to taking advantage of identified import substitution and/or export development opportunities (Table 31). We can discern three subcategories of opportunities:
 - *Capacity development for Import substitution and Exports.* Several fruits and vegetables (Apples, Cantaloupes & other melons, Cauliflower, Chillies &

peppers, green, Garlic, Lettuce, Tomatoes) lie in this subcategory, and also Maize and Soybeans.

- *Capacity development for Exports.* This is the case for example for fruits and vegetables Eggplants, Lemons and limes, Pineapples, Tang. mand. clement. Satsma), Cocoa beans, Cashew nuts, Sesame seed, Cassava, and Sweet potatoes.
- Capacity development for Import substitution. This subcategory includes Beans, dry, Cow peas, dry, Peas, dry, Carrots, Cauliflower, Onions, Potatoes, and Pepper, white/long/black.
- The remaining products have a low regional and world market demand, implying little market opportunities to expand production.

Table 28: Top 20 products for Caribbean ACP countries according to the four indices

	Production index	Export index	Import index	World market index
Top 20 products	<ol style="list-style-type: none"> 1. Grapefruit and pomelos 2. Avocados 3. Nutmeg, mace, cardamons 4. Bananas, plantains 5. Papayas 6. Mangoes 7. Other roots and tubers 8. Coconuts 8. Other pulses 10. Coffee, green 10. Other fruits 12. Citrus fruit nes 13. Oranges 14. Beans 15. Other vegetables 16. Cucumbers and gherkins 16. Ginger 18. Cabbages 18. Other spices 18. Rice, paddy 	<ol style="list-style-type: none"> 1. Bananas, plantains 2. Other roots and tubers 3. Papayas 4. Avocados 5. Mangoes 6. Sweet potatoes 7. Other vegetables 7. Cocoa beans 9. Coffee, green 10. Coconuts 11. Other fruits 11. Oranges 13. Nutmeg, mace, cardamons 13. Chillies & peppers, green 15. Grapefruit and pomelos 15. Cassava 17. Ginger 18. Pineapples 18. Tomatoes 20. Other pulses 20. Eggplants 	<ol style="list-style-type: none"> 1. Garlic 2. Cow peas, dry 3. Beans, dry 4. Maize 4. Potatoes 4. Cauliflower 7. Onions 8. Other spices 9. Apples 10. Cabbages 11. Tomatoes 12. Carrots 13. Other vegetables 13. Chillies & peppers, green 15. Soybeans 15. Lettuce 17. Peas, dry 18. Bananas, plantains 19. Pepper, white/long/black 20. Cantaloupes & other melons 	<ol style="list-style-type: none"> 1. Coffee, green 2. Maize 3. Soybeans 4. Bananas, plantains 5. Cocoa beans 6. Tomatoes 7. Chillies & peppers, green 7. Pineapples 9. Avocados 10. Cashew nuts 10. Tang. mand.clement. satsma 12. Apples 13. Sesame seed 14. Other vegetables 14. Oranges 14. Beans 17. Lettuce 17. Sweet potatoes 19. Garlic 20. Cantaloupes & other melons 20. Lemons and limes 20. Eggplants
Other products	<ol style="list-style-type: none"> 21. Beans, dry 21. Pimento, allspice 23. Lemons and limes 23. Peas, dry 25. Chillies & peppers, green 26. Cow peas, dry 27. Lettuce 28. Carrots 28. Cassava 28. Pineapples 31. Tomatoes 31. Groundnuts in shell 33. Sisal and other textile fibres of agave 33. Onions 35. Cashew nuts 35. Cocoa beans 37. Cherries 37. Cinnamon (canella) 37. Eggplants 40. Sweet potatoes 40. Maize 42. Tang. mand.clement. satsma 42. Pears and quinces 44. Apples 44. Broad beans, dry 44. Plums 47. Watermelons 48. Castor beans 49. Potatoes 50. Sorghum 50. Cantaloupes & other melons 52. Sesame seed 53. Spinach 53. Cauliflower 53. Seed cotton 56. Pepper, white/long/black 57. Garlic 58. Soybeans 	<ol style="list-style-type: none"> 22. Watermelons 23. Other spices 23. Pepper, white/long/black 25. Beans 25. Lemons and limes 27. Pimento, allspice 28. Cucumbers and gherkins 29. Soybeans 30. Lettuce 31. Citrus fruit nes 31. Cantaloupes & other melons 31. Spinach 34. Rice, paddy 34. Onions 36. Cabbages 36. Cashew nuts 36. Cherries 36. Maize 36. Plums 41. Cinnamon (canella) 41. Tang. mand.clement. satsma 43. Peas, dry 44. Garlic 45. Potatoes 46. Beans, dry 46. Pears and quinces 48. Carrots 49. Cow peas, dry 50. Groundnuts in shell 51. Apples 	<ol style="list-style-type: none"> 21. Pears and quinces 22. Other roots and tubers 22. Pimento, allspice 24. Plums 25. Rice, paddy 26. Coconuts 26. Groundnuts in shell 28. Watermelons 28. Cinnamon (canella) 30. Other fruits 30. Nutmeg, mace, cardamons 30. Cashew nuts 33. Pineapples 34. Ginger 35. Grapefruit and pomelos 35. Lemons and limes 37. Avocados 37. Sweet potatoes 37. Coffee, green 37. Oranges 41. Citrus fruit nes 41. Broad beans, dry 43. Mangoes 43. Cucumbers and gherkins 45. Castor beans 46. Spinach 46. Sesame seed 48. Cherries 49. Papayas 49. Other pulses 51. Beans 51. Sisal and other textile fibres of agave 51. Seed cotton 54. Tang. mand.clement. satsma 55. Eggplants 56. Cassava 57. Cocoa beans 58. Sorghum 	<ol style="list-style-type: none"> 23. Potatoes 23. Onions 23. Watermelons 23. Other fruits 23. Ginger 23. Mangoes 29. Other spices 29. Pears and quinces 29. Pimento, allspice 29. Spinach 33. Cauliflower 33. Cherries 33. Cassava 36. Plums 36. Coconuts 38. Cabbages 38. Cucumbers and gherkins 38. Papayas 41. Carrots 42. Rice, paddy 42. Groundnuts in shell 42. Grapefruit and pomelos 42. Sisal and other textile fibres of agave 46. Other roots and tubers 46. Broad beans, dry 46. Seed cotton 49. Cinnamon (canella) 50. Peas, dry 51. Beans, dry 51. Citrus fruit nes 51. Sorghum 54. Pepper, white/long/black 55. Cow peas, dry 55. Nutmeg, mace, cardamons 55. Castor beans 58. Other pulses

Source: FAOSTAT, ITC's TradeMap and Market Access Map, Table 11, Table 17, Table 22, Table 27.

Table 29: Top 20 products for Caribbean ACP countries according to four indices – synthetic view

	Low ranks in Production and World markets	Low ranks in Production, High ranks in World markets	High ranks in Production, Low ranks in World markets	High ranks in Production and World markets
High ranks (top 20) in Exports and Imports	High ranks (top 20) in Exports and Imports:	High ranks (top 20) in Exports, Imports and World Markets: Chillies & peppers, green (25, 13, 13, 7) Tomatoes (31, 18, 11, 6)	High ranks (top 20) in Production, Exports and Imports:	High ranks (top 20) in Production, Exports, Imports and World Markets: Bananas, plantains (4, 1, 18, 4) Other vegetables (15, 7, 13, 14)
High ranks (top 20) in Exports Low ranks in Imports	High ranks (top 20) in Exports: Cassava (28, 15, 56, 33)	High ranks (top 20) in Exports and World Markets: Cocoa beans (35, 7, 57, 5) Eggplants (37, 20, 55, 20) Pineapples (28, 18, 33, 7) Sweet potatoes (40, 6, 37, 17)	High ranks (top 20) in Production and Exports: Coconuts (8, 10, 26, 36) Ginger (16, 17, 34, 23) Grapefruit and pomelos (1, 15, 35, 42) Mangoes (6, 5, 43, 23) Nutmeg, mace, cardamons (3, 13, 30, 55) Other fruits (10, 11, 30, 23) Other pulses (8, 20, 49, 58) Other roots and tubers (7, 2, 22, 46) Papayas (5, 3, 49, 38)	High ranks (top 20) in Production, Exports and World Markets: Avocados (2, 4, 37, 9) Coffee, green (10, 9, 37, 1) Oranges (13, 11, 37, 14)
High ranks (top 20) in Imports Low ranks in Exports	High ranks (top 20) in Imports: Beans, dry (21, 46, 3, 51) Carrots (28, 48, 12, 41) Cauliflower (53, --, 4, 33) Cow peas, dry (26, 49, 2, 55) Onions (33, 34, 7, 23) Peas, dry (23, 43, 17, 50) Pepper, white/long/black (56, 23, 19, 54) Potatoes (49, 45, 4, 23)	High ranks (top 20) in Imports and World Markets: Apples (44, 51, 9, 12) Cantaloupes & other melons (50, 31, 20, 20) Garlic (57, 44, 1, 19) Lettuce (27, 30, 15, 17) Maize (40, 36, 4, 2) Soybeans (58, 29, 15, 3)	High ranks (top 20) in Production and Imports: Cabbages (18, 36, 10, 38) Other spices (18, 23, 8, 29)	High ranks (top 20) in Production, Imports and World Markets:
Low ranks in Exports and Imports	Broad beans, dry (44, --, 41, 46) Castor beans (48, --, 45, 55) Cherries (37, 36, 48, 33) Cinnamon (canella) (37, 41, 28, 49) Groundnuts in shell (31, 50, 26, 42) Pears and quinces (42, 46, 21, 29) Pimento, allspice (21, 27, 22, 29) Plums (44, 36, 24, 36) Seed cotton (53, --, 51, 46) Sisal and other textile fibres of agave (33, --, 51, 42) Sorghum (50, --, 58, 51) Spinach (53, 31, 46, 29) Watermelons (47, 22, 28, 23)	High ranks (top 20) in World Markets: Cashew nuts (35, 36, 30, 10) Lemons and limes (23, 25, 35, 20) Sesame seed (52, --, 46, 13) Tang. mand. clement. satsma (42, 41, 54, 10)	High ranks (top 20) in Production: Citrus fruit nes (12, 31, 41, 51) Cucumbers and gherkins (16, 28, 43, 38) Rice, paddy (18, 34, 25, 42)	High ranks (top 20) in Production and World Markets: Beans (14, 25, 51, 14)

Source: FAOSTAT, ITC's TradeMap and Market Access Map, Table 11, Table 17, Table 22, Table 27.

The numbers in parentheses indicate the product's rank among all products in 1. production index, 2. export index, 3. import index, and 4. world market index.

Colour codes: Number of dimensions for which the product is among the top 20 products for the region: Dark red (0), red (1), yellow (2), green (3), dark green (4).

Selecting broad sectors

Table 30: Caribbean ACP countries: Products with *high* ranks in production for import substitution and/or export development opportunity

These are products, which are produced, efficiently in relatively large quantities and for which there is a potential for import substitution and/or export development.

Product sectors	Production capacity (low rank in World Markets, Imports and Exports)	Import substitution	Import substitution and Export development				Export development	
		High rank in Imports (low rank in exports and world markets)	High rank in Imports and Exports (low rank in world markets)	High rank in Imports and World Markets (low rank in exports)	High rank in World Markets, Imports and Exports	High rank in World Markets and Exports (low rank in imports)	High rank in World Markets (low rank in imports and exports)	High rank in Exports (low rank in imports and world markets)
Cereals, Grains, Beans, Peas and Pulses	Rice, paddy (7)						Beans (5)	Other pulses (11)
Coffee, cocoa, tea								Coffee, green (9)
Fruits and vegetables	Citrus fruit nes (4) Cucumbers and gherkins (10)	Cabbages (11)			Bananas, plantains (14) Other vegetables (15)	Avocados (9) Oranges (11)		Grapefruit and pomelos (12) Mangoes (11) Other fruits (13) Papayas (3)
Oil crops								Coconuts (13)
Roots and tubers								Other roots and tubers (14)
Spices, Pyrethrum and Peppermint		Other spices (6)						Ginger (4) Nutmeg, mace, cardamons (5)

Note: "High" rank means that the product is among the top 20 products for the dimension. The number in parentheses indicates the number of producing countries in the region.

Table 31: Caribbean ACP countries: Products with low ranks in production for production capacity development and opportunities

These are products, which are produced inefficiently or in relatively small quantities but for which there is a potential for import substitution and/or export development.

Product sectors	Low demand (low rank in World Markets, Imports and Exports)	Capacity development for Import substitution High rank in Imports (low rank in exports and world markets)	Capacity development for Import substitution and Export development			Capacity development for Export		
			High rank in Imports and Exports (low rank in world markets)	High rank in Imports and World Markets (low rank in exports)	High rank in World Markets, Imports and Exports	High rank in World Markets and Exports (low rank in imports)	High rank in World Markets (low rank in imports and exports)	High rank in Exports (low rank in imports and world markets)
Cereales, Grains, Beans, Peas and Pulses	Broad beans, dry (3) Sorghum (3)	Beans, dry (6) Cow peas, dry (3) Peas, dry (3)		Maize (13)				
Coffee, cocoa, tea						Cocoa beans (11)		
Cotton	Seed cotton (4)							
Fibre crops	Sisal and other textile fibres of agave (3)							
Fruits and vegetables	Cherries (1) Pears and quinces (1) Plums (1) Spinach (2) Watermelons (5)	Carrots (8) Cauliflower (2) Onions (8)		Apples (2) Cantaloupes & other melons (5) Garlic (2) Lettuce (7)	Chillies & peppers, green (8) Tomatoes (12)	Eggplants (6) Pineapples (8)	Lemons and limes (10) Tang. mand.clement. satsma (2)	
Nuts	Groundnuts in shell (9)						Cashew nuts (2)	
Oil crops	Castor beans (1)			Soybeans (2)			Sesame seed (1)	
Roots and tubers		Potatoes (6)				Sweet potatoes (15)		Cassava (14)
Spices, Pyrethrum and Peppermint	Cinnamon (canella) (1) Pimento, allspice (2)	Pepper, white/long/black (1)						

Note: "High" rank means that the product is among the top 20 products for the dimension. The number in parentheses indicates the number of producing countries in the region.

Annex

Table A.1. Definition of products and sectors in terms of the Harmonised System

Broad sectors	FAO products	HS6 rev1	HS6 rev1 description	
Coffee, cocoa, tea	Cocoa beans	180100	Cocoa beans, whole or broken, raw or roasted	
	Coffee, green	090111	Coffee (excl. roasted and decaffeinated)	
		090112	Decaffeinated coffee (excl. roasted)	
Cotton	Seed cotton	120720	Cotton seeds, whether or not broken	
Fibre crops	Sisal and other textile fibres of agave	530410	Sisal and other textile fibres of the genus Agave, raw	
		530490	Sisal and other textile fibres of the genus Agave, processed but not spun; tow and waste of such fibres, incl. yarn waste and garnetted stock	
Fruits and vegetables	Apples	080810	Fresh apples	
	Avocados	080440	Fresh or dried avocados	
	Bananas, plantains	080300	Bananas, incl. plantains, fresh or dried	
	Beans	070820	Fresh or chilled beans "Vigna spp., Phaseolus spp.", shelled or unshelled	
	Broad beans, green	070890	Fresh or chilled leguminous vegetables, shelled or unshelled (excl. peas "Pisum sativum" and beans "Vigna spp., Phaseolus spp.")	
	Cabbages	070490	Fresh or chilled cabbages, kohlrabi, kale and similar edible brassicas (excl. cauliflowers, headed broccoli and Brussels sprouts)	
	Cantaloupes & other melons	080719	Fresh melons (excl. watermelons)	
	Carrots	070610	Fresh or chilled carrots and turnips	
	Cauliflower	070410	Fresh or chilled cauliflowers and headed broccoli	
	Cherries	080920	Fresh cherries	
	Chillies & peppers, green	070960	Fresh or chilled fruits of the genus Capsicum or Pimenta	
	Citrus fruit nes	080590	Fresh or dried citrus fruit (excl. oranges, lemons, grapefruit, mandarins, incl. tangerines and satsumas, clementines, wilkings and similar citrus hybrids)	
	Cucumbers and gherkins	070700	Cucumbers and gherkins, fresh or chilled	
	Eggplants	070930	Fresh or chilled aubergines	
	Garlic	070320	Garlic, fresh or chilled	
	Grapefruit and pomelos	080540	Fresh or dried grapefruit	
	Lemons and limes	080530	Fresh or dried lemons "Citrus limon, Citrus limonum" and limes "Citrus aurantifolia"	
	Lettuce		070511	Fresh or chilled cabbage lettuce
			070519	Fresh or chilled lettuce (excl. cabbage lettuce)
			070521	Fresh or chilled witloof chicory
			070529	Fresh or chilled chicory (excl. witloof chicory)
	Mangoes	080450	Fresh or dried guavas, mangoes and mangosteens	
	Onions	070310	Fresh or chilled onions and shallots	
	Oranges	080510	Fresh or dried oranges	
	Other fruits	081090	Fresh tamarinds, cashew apples, jackfruit, lychees, sapodillo plums, passion fruit, carambola, pitahaya and other edible fruit (excl. nuts, bananas, dates, figs, pineapples, avocados, guavas, mangoes, mangosteens, papaws "papayas", citrus fruit, grapes,	
	Other vegetables		070690	Fresh or chilled salad beetroot, salsify, celeriac, radishes and similar edible roots (excl. carrots and turnips)
			070940	Fresh or chilled celery (excl. celeriac)
			070990	Fresh or chilled vegetables (excl. potatoes, tomatoes, vegetables of the Allium spp., cabbages of the genus Brassica, lettuces of the species Lactuca sativa and Cichorium, carrots, turnips, salad beetroot, salsify, celeriac, radishes and similar edible ro
	Papayas	080720	Fresh pawpaws "papayas"	
	Pears and quinces	080820	Fresh pears and quinces	
	Peas, green	070810	Fresh or chilled peas "Pisum sativum", shelled or unshelled	
	Pineapples	080430	Fresh or dried pineapples	
	Plums	080940	Fresh plums and sloes	
	Spinach	070970	Fresh or chilled spinach, New Zealand spinach and orache spinach	
	Tomatoes	070200	Tomatoes, fresh or chilled	
	Watermelons	080711	Fresh watermelons	
	Tang. mand. clement. satsma	080520	Fresh or dried mandarins incl. tangerines and satsumas, clementines, wilkings and similar citrus hybrids	
	Natural gums	Natural gums	400130	Balata, gutta-percha, guayule, chicle and similar natural gums, in primary

Broad sectors	FAO products	HS6 rev1	HS6 rev1 description
			forms or in plates, sheets or strip (excl. natural rubber, whether or not prevulcanized)
Nuts	Cashew nuts	080131	Fresh or dried cashew nuts, in shell
		080132	Fresh or dried cashew nuts, shelled
Oil crops	Castor beans	120730	Castor oil seeds, whether or not broken
	Coconuts	080111	Desiccated coconuts
		080119	Fresh coconuts, whether or not shelled or peeled
	Groundnuts in shell	120210	Ground-nuts in shell, not roasted or otherwise cooked
	Sesame seed	120740	Sesamum seeds, whether or not broken
	Soybeans	120100	Soya beans, whether or not broken
Roots and tubers	Cassava	071410	Fresh, chilled, frozen or dried roots and tubers of manioc "cassava", whether or not sliced or in the form of pellets
	Other roots and tubers	071490	Roots and tubers of arrowroot, salep, Jerusalem artichokes and similar roots and tubers with high starch or inulin content, fresh, chilled, frozen or dried, whether or not sliced or in the form of pellets and sago pith (excl. manioc "cassava" and sweet po
	Potatoes	070110	Seed potatoes
		070190	Fresh or chilled potatoes (excl. seed)
	Sweet potatoes	071420	Sweet potatoes, fresh, chilled, frozen or dried, whether or not sliced or in the form of pellets
Cereales, grains, beans, peas and pulses	Beans, dry	071331	Dried, shelled beans of species "Vigna mungo (L.) Hepper or Vigna radiata (L.) Wilczek", whether or not skinned or split
		071332	Dried, shelled small red "Adzuki" beans "Phaseolus or Vigna angularis", whether or not skinned or split
		071333	Dried, shelled kidney beans "Phaseolus vulgaris", whether or not skinned or split
	Maize	100510	Maize seed
		100590	Maize (excl. seed)
	Other pulses	071390	Dried, shelled leguminous vegetables, whether or not skinned or split (excl. peas, chickpeas, beans, lentils, broad beans and horse beans)
	Rice, paddy	100610	Rice in the husk, "paddy" or rough
	Rye	100200	Rye
	Sorghum	100700	Grain sorghum
Spices, pyrethrum and peppermint	Cinnamon (canella)	090610	Cinnamon and cinnamon-tree flowers (excl. crushed and ground)
		090620	Crushed or ground cinnamon and cinnamon-tree flowers
	Ginger	091010	Ginger
	Nutmeg, mace, cardamoms	090810	Nutmeg
		090820	Mace
		090830	Cardamoms
	Other spices	091020	Saffron
		091030	Turmeric "curcuma"
		091040	Thyme and bay leaves
		091050	Curry
		091091	Mixtures of different types of spices
		091099	Spices (excl. pepper of the genus Piper, fruit of the genus Capsicum or of the genus Pimenta, vanilla, cinnamon, cinnamontree flowers, clove "wholefruit", clove stems, nutmeg, mace, cardamoms, seeds of anise, badian, fennel, coriander, cumin and caraway, etc.)
	Pimento, allspice	090420	Fruits of the genus Capsicum or of the genus Pimenta, dried or crushed or ground
	Pepper, white/long/black	090411	Pepper of the genus Piper, neither crushed nor ground
		090412	Pepper of the genus Piper, crushed or ground

Table A.2. Do the producing countries export, import, both or neither?

Products (rank in region's production index)	Countries that do not trade	Countries that import only	Countries that export only	Countries that both export and import
Grapefruit and pomelos (1)	Trinidad and Tobago (38) Grenada (39) Saint Lucia (42) Suriname (51) Haiti (64)		Belize (3) Dominican Republic (39) Saint Vincent and the Grenadines (51) Dominica (58) Guyana (65)	Bahamas (22) Jamaica (29)
Avocados (2)	Haiti (36) Grenada (39) Guyana (47)	Barbados (42)	Saint Vincent and the Grenadines* Saint Lucia (36) Dominica (50)	Dominican Republic (3) Jamaica (32) Trinidad and Tobago (33)
Nutmeg, mace, cardamoms (3)	Saint Lucia (15)	Dominica (1) Trinidad and Tobago (11)	Antigua and Barbuda* Saint Vincent and the Grenadines (7)	Jamaica* Grenada (6)
Bananas, plantains (4)	Haiti (86) Grenada (114)	Antigua and Barbuda (58) Barbados (75)	Belize (4) Suriname (47) Saint Lucia (49) Saint Vincent and the Grenadines (67) Dominica (67) Guyana (101)	Dominican Republic (59) Bahamas (65) Jamaica (71) Trinidad and Tobago (86)
Papayas (5)			Dominica* Guyana* Trinidad and Tobago* Jamaica (16) Dominican Republic (39)	Belize (2)
Mangoes (6)	Grenada (36) Belize (77)		Guyana (19) Suriname (27) Haiti (38) Trinidad and Tobago (41) Saint Lucia (45) Saint Vincent and the Grenadines (50) Dominica (73)	Dominican Republic (41) Jamaica (45)
Other roots and tubers (7)	Grenada (81) Haiti (86)	Belize (35) Antigua and Barbuda (64) Saint Kitts and Nevis (98)	Jamaica (14) Dominican Republic (28) Dominica (39) Saint Vincent and the Grenadines (50) Guyana (58) Suriname (73) Saint Lucia (92)	Trinidad and Tobago (22) Barbados (50)
Coconuts (8)	Belize (37) Saint Kitts and Nevis (37) Saint Lucia (37) Grenada (65) Haiti (70)	Barbados (45)	Suriname (12) Guyana (50) Dominica (58) Saint Vincent and the Grenadines (78)	Dominican Republic (34) Jamaica (52) Trinidad and Tobago (60)
Other pulses (8)	Saint Lucia (28) Barbados (44) Dominican Republic (57) Saint Vincent and the Grenadines (57) Saint Kitts and Nevis (65) Grenada (65) Suriname (82) Dominica (91)	Trinidad and Tobago (13) Haiti (101)	Jamaica (57)	Bahamas* Belize*
Coffee, green (10)	Belize (6) Suriname (67)	Dominica (19) Saint Vincent and the Grenadines (49) Trinidad and Tobago (54)	Guyana (46)	Bahamas* Dominican Republic (33) Haiti (41) Jamaica (41)

Products (rank in region's production index)	Countries that do not trade	Countries that import only	Countries that export only	Countries that both export and import
Other fruits (10)	Saint Kitts and Nevis (101) Grenada (127) Haiti (145)	Bahamas (58) Antigua and Barbuda (65)	Saint Vincent and the Grenadines* Suriname* Guyana (9) Saint Lucia (92) Dominica (101)	Jamaica (45) Barbados (47) Trinidad and Tobago (74) Belize (122) Dominican Republic (135)
Citrus fruit nes (12)	Suriname (25) Trinidad and Tobago (37) Grenada (38) Guyana (47)			Jamaica*
Oranges (13)	Trinidad and Tobago (51) Saint Lucia (100)	Suriname (46) Grenada (80)	Belize (33) Jamaica (56) Saint Vincent and the Grenadines (63) Dominica (69) Haiti (73) Guyana (80)	Bahamas* Dominican Republic (41)
Beans (14)	Antigua and Barbuda (70)	Barbados (59)	Trinidad and Tobago* Suriname (9) Guyana (40)	Dominican Republic* Jamaica (28)
Other vegetables (15)		Bahamas (76) Barbados (82) Antigua and Barbuda (88) Saint Lucia (132) Saint Kitts and Nevis (138) Belize (138)	Suriname (62) Dominica (96) Grenada (104)	Jamaica (65) Trinidad and Tobago (76) Saint Vincent and the Grenadines (108) Guyana (121) Haiti (138) Dominican Republic (170)
Cucumbers and gherkins (16)	Suriname (60) Jamaica (74) Grenada (92) Belize (114)	Barbados (56) Antigua and Barbuda (83)	Dominican Republic (56) Guyana (68) Dominica (98) Trinidad and Tobago (99)	
Ginger (16)		Saint Lucia (24)	Guyana* Saint Vincent and the Grenadines* Dominica (17) Dominican Republic (20)	Trinidad and Tobago* Jamaica (22)
Cabbages (18)	Suriname (60) Dominica (102) Grenada (106) Haiti (115)	Belize (45) Jamaica (61) Barbados (79) Antigua and Barbuda (106)	Dominican Republic (94)	Trinidad and Tobago (89) Guyana (124)
Other spices (18)		Saint Vincent and the Grenadines (28) Grenada (56)		Barbados* Guyana* Suriname* Trinidad and Tobago* Jamaica (18) Dominica (23) Dominican Republic (35) Saint Lucia (57)
Rice, paddy (18)	Dominican Republic (44) Trinidad and Tobago (74)	Belize (68) Haiti (91) Jamaica (111)	Guyana (48) Suriname (51)	
Beans, dry (21)		Barbados (9) Grenada (68) Jamaica (74) Haiti (88) Dominican Republic (93)		Trinidad and Tobago* Belize (105)
Pimento, allspice (21)			Grenada (11)	Dominican Republic* Saint Lucia* Trinidad and Tobago* Jamaica (13)

Products (rank in region's production index)	Countries that do not trade	Countries that import only	Countries that export only	Countries that both export and import
Lemons and limes (23)	Grenada (24) Saint Vincent and the Grenadines (35) Saint Lucia (42) Suriname (42) Dominica (49) Haiti (64) Trinidad and Tobago (64)		Jamaica (37) Guyana (52)	Bahamas* Dominican Republic (39)
Peas, dry (23)		Jamaica (34) Dominican Republic (59) Guyana (75)		Barbados* Belize* Trinidad and Tobago*
Chillies & peppers, green (25)	Antigua and Barbuda (64)	Barbados (41) Saint Vincent and the Grenadines (72)	Suriname* Dominican Republic (58) Guyana (76)	Trinidad and Tobago (54) Jamaica (77) Belize (90)
Cow peas, dry (26)		Trinidad and Tobago (4) Jamaica (16) Haiti (22)	Belize*	
Lettuce (27)	Dominica (66) Dominican Republic (72) Grenada (72) Haiti (75)	Barbados (40) Jamaica (49)		Trinidad and Tobago (62)
Carrots (28)	Dominican Republic (78)	Belize (53) Barbados (69) Saint Vincent and the Grenadines (74) Jamaica (84) Dominica (90) Antigua and Barbuda (96) Grenada (101)		Trinidad and Tobago*
Cassava (28)	Barbados (12) Belize (28) Saint Vincent and the Grenadines (38) Bahamas (44) Dominica (56) Antigua and Barbuda (63) Grenada (75) Haiti (85) Saint Lucia (90)	Trinidad and Tobago (14)	Jamaica (14) Suriname (27) Guyana (46) Dominican Republic (79)	
Pineapples (28)	Belize (48) Suriname (48)	Antigua and Barbuda (45)	Dominica* Jamaica (34) Trinidad and Tobago (40) Guyana (50) Dominican Republic (55) Haiti (61)	
Groundnuts in shell (31)	Saint Kitts and Nevis (52) Suriname (58) Dominican Republic (64) Haiti (82) Belize (86)	Saint Vincent and the Grenadines (68) Jamaica (77) Guyana (82)		Barbados (25)
Tomatoes (31)	Dominica (98) Grenada (116) Haiti (145)	Bahamas (50) Barbados (71) Antigua and Barbuda (78) Jamaica (148) Belize (153)	Dominican Republic (116) Guyana (116)	Suriname (109) Trinidad and Tobago (153)
Onions (33)		Barbados (54) Antigua and Barbuda (102) Bahamas (109) Guyana (120) Haiti (127)		Trinidad and Tobago* Jamaica (102) Dominican Republic (106) Belize (120)
Sisal and other textile fibres of agave (33)	Haiti (20) Jamaica (21) Dominican Republic (23)			
Cashew nuts (35)	Belize (8) Dominican Republic (26)			Suriname* Trinidad and Tobago*

Products (rank in region's production index)	Countries that do not trade	Countries that import only	Countries that export only	Countries that both export and import
Cocoa beans (35)	Saint Lucia (9) Guyana (40) Saint Vincent and the Grenadines (40) Dominica (48) Suriname (49)		Grenada (4) Belize (11) Trinidad and Tobago (31) Jamaica (33) Dominican Republic (43)	Haiti (28)
Cherries (37)	Guyana (28)		Dominican Republic*	
Cinnamon (canella) (37)			Grenada* Jamaica* Dominica (5)	
Eggplants (37)	Jamaica (54) Haiti (56)	Antigua and Barbuda (49)	Dominica* Suriname* Trinidad and Tobago (31) Guyana (57) Dominican Republic (59)	
Maize (40)		Barbados (14) Guyana (65) Saint Vincent and the Grenadines (79) Bahamas (93) Antigua and Barbuda (98) Suriname (109) Dominica (116) Dominican Republic (121) Grenada (130) Jamaica (142)		Trinidad and Tobago (55) Belize (116) Haiti (135)
Sweet potatoes (40)	Saint Lucia (47) Haiti (80) Saint Kitts and Nevis (90) Grenada (94) Guyana (103) Belize (106)	Trinidad and Tobago (55) Antigua and Barbuda (59) Bahamas (63)	Barbados (16) Suriname (38) Dominica (85) Saint Vincent and the Grenadines (107)	Jamaica (34) Dominican Republic (78)
Pears and quinces (42)		Saint Vincent and the Grenadines (55)	Jamaica*	Dominican Republic*
Tang. mand.clement. satsma (42)	Haiti (48)		Dominica* Guyana* Jamaica (36)	Dominican Republic*
Apples (44)		Saint Vincent and the Grenadines (67) Grenada (76)		Dominican Republic* Trinidad and Tobago*
Broad beans, dry (44)	Dominican Republic (33) Jamaica (42) Guyana (46)			
Plums (44)	Grenada (65)			Saint Vincent and the Grenadines*
Watermelons (47)	Belize (57) Suriname (57)	Jamaica (53)	Dominica* Dominican Republic* Guyana (89)	Trinidad and Tobago (92)
Castor beans (48)	Haiti (15)			
Potatoes (49)	Haiti (121)	Dominica (105) Saint Kitts and Nevis (114) Jamaica (134)		Trinidad and Tobago* Dominican Republic (126) Belize (139)
Cantaloupes & other melons (50)	Antigua and Barbuda (50) Haiti (52) Belize (73)	Barbados (24)	Dominican Republic (61)	Trinidad and Tobago*
Sorghum (50)	Dominican Republic (69) Haiti (84)	Belize (39)		
Sesame seed (52)	Haiti (61)			
Cauliflower (53)		Jamaica (65) Trinidad and Tobago (78)		
Seed cotton (53)	Antigua and Barbuda (71) Haiti (71) Grenada (77) Saint Kitts and Nevis (77)			

Products (rank in region's production index)	Countries that do not trade	Countries that import only	Countries that export only	Countries that both export and import
Spinach (53)	Haiti (33)		Barbados* Dominican Republic* Jamaica (43)	Trinidad and Tobago*
Pepper, white/long/black (56)				Belize* Dominica* Dominican Republic* Guyana* Jamaica* Saint Vincent and the Grenadines* Trinidad and Tobago* Saint Lucia (34)
Garlic (57)		Haiti (8)		Barbados* Guyana* Trinidad and Tobago* Dominican Republic (64)
Soybeans (58)	Suriname (65)	Belize (61)		Trinidad and Tobago*

* Countries that do *not* produce.

Source: ITC's TradeMap and Market Access Map, FAOSTAT.

Table A.3: Underlying indicators for the composite indices at country level

Composite Indices	Dimension	Indicators
Production index	Size	Share of country in world production
	Dynamism	Growth of country's production
	Yield	Ratio of regional yield to world yield
Export index	Size	Share of country in world exports
	Dynamism	Growth of country's exports to world Absolute change in country's exports
	Trade balance	Net exports Relative trade balance (net exports / total trade)
Market index	Size	Share of country in world imports
	Dynamism	Growth of country's imports Absolute change in country's imports
	Market Access	Tariff applied to the region Preferential tariff advantage

Note: Indicators within a given index have the same weight.

Table A.4: Top 10 producers, exporters and markets in the world and in the Caribbean ACP region

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
Fruits and vegetables	Apples	Slovenia (1)	St. Vincent & Grenad. (60)	China (1)	Trinidad & Tobago (68)	Canada (1)	Antigua & Barbuda (20)
		France (2)	Grenada (77)	New Zealand (2)	Dominican Rep. (94)	Other Europe (2)	Suriname (20)
		Libya (3)		Italy (3)		Russian Federation (3)	Jamaica (20)
		Italy (4)		United States (4)		Saudi Arabia (4)	Trinidad & Tobago (23)
		United States (5)		Chile (4)		France (4)	Dominican Rep. (28)
		Chile (6)		France (6)		Norway (6)	Barbados (28)
		Turkey (7)		South Africa (7)		Netherlands (7)	Guyana (28)
		China (8)		Poland (8)		Spain (7)	St. Vincent & Grenad. (34)
		South Africa (8)		Netherlands (9)		United Kingdom (9)	Saint Lucia (34)
		Iran (Islamic Rep.) (10)		Japan (10)		Germany (10)	Grenada (37)
	Avocados	Indonesia (1)	Dominican Rep. (4)	Mexico (1)	Dominican Rep. (8)	United States (1)	Trinidad & Tobago (14)
		Colombia (2)	Trinidad & Tobago (28)	Chile (2)	Dominica (17)	Japan (2)	Jamaica (18)
		Brazil (3)	Jamaica (33)	Spain (3)	St. Vincent & Grenad. (23)	United Kingdom (2)	Barbados (18)
		Mexico (4)	Haiti (33)	Israel (4)	Saint Lucia (30)	Netherlands (2)	Dominican Rep. (34)
		Dominican Rep. (4)	Barbados (38)	South Africa (5)	Jamaica (43)	Spain (5)	Grenada (75)
		Chile (6)	Saint Lucia (41)	Peru (6)	Trinidad & Tobago (52)	France (6)	Saint Kitts & Nevis (91)
		Kenya (6)	Grenada (42)	New Zealand (7)		Germany (7)	Antigua & Barbuda (95)
		United States (8)	Guyana (42)	Netherlands (8)		Canada (8)	Bahamas (99)
		Lebanon (9)	Dominica (47)	Dominican Rep. (8)		Australia (9)	
		Ecuador (9)		Kenya (10)		Sweden (10)	
	Bananas, plantains	India (1)	Belize (6)	Ecuador (1)	Dominican Rep. (7)	Russian Federation (1)	Suriname (15)
		China (2)	Saint Lucia (43)	Colombia (1)	Suriname (14)	Japan (2)	Barbados (23)
		Turkey (3)	Antigua & Barbuda (47)	Philippines (3)	Belize (34)	Belgium (3)	Trinidad & Tobago (26)
		Honduras (4)	Dominican Rep. (53)	Guatemala (4)	Dominica (50)	Canada (4)	Jamaica (37)
		Costa Rica (5)	Suriname (55)	Belgium (5)	St. Vincent & Grenad. (50)	Germany (5)	Grenada (51)
		Philippines (6)	Dominica (58)	Honduras (6)	Saint Lucia (53)	United Kingdom (5)	Dominican Rep. (51)
		Belize (6)	Barbados (58)	Dominican Rep. (7)	Bahamas (53)	France (5)	Bahamas (79)
		Ecuador (8)	St. Vincent & Grenad. (64)	Costa Rica (8)	Guyana (59)	Italy (8)	Antigua & Barbuda (101)
		Morocco (8)	Bahamas (67)	United Arab Emirates (8)	Jamaica (72)	Czech Rep. (9)	Saint Kitts & Nevis (105)
		Brazil (10)	Jamaica (67)	Germany (10)	Trinidad & Tobago (72)	Sweden (9)	Haiti (125)
	Cherries	Ukraine (1)	Guyana (32)	Chile (1)	Dominican Rep. (15)	Russian Federation (1)	Trinidad & Tobago (10)
		Turkey (2)		Turkey (2)		United Kingdom (2)	Barbados (14)
		Iran (Islamic Rep.) (3)		Spain (3)		Canada (3)	Jamaica (27)
		United States (4)		United States (4)		Germany (4)	Dominican Rep. (62)
		Denmark (5)		Italy (5)		United States (5)	Bahamas (115)
		Russian Federation (6)		Uzbekistan (6)		Taiwan (PoC) (6)	
		Slovenia (7)		France (7)		Netherlands (7)	
		Czech Rep. (8)		Poland (8)		Japan (8)	
		Palestine (8)		New Zealand (9)		Italy (9)	
		Hungary (10)		Azerbaijan (10)		Norway (10)	

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
		Citrus fruit nes	Syrian Arab Rep. (1)	Suriname (23)	Israel (1)	Jamaica (25)	Saudi Arabia (1)
China (2)	Trinidad & Tobago (31)		China (2)		United Kingdom (2)	Antigua & Barbuda (6)	
Cuba (2)	Grenada (38)		Netherlands (3)		Canada (3)	Dominican Rep. (17)	
Saudi Arabia (4)	Guyana (42)		Taiwan (PoC) (4)		Ireland (4)	Barbados (26)	
Japan (4)			Spain (4)		Denmark (5)	Jamaica (33)	
Guinea (4)			India (6)		Saint Lucia (6)	Bahamas (86)	
Nigeria (7)			Thailand (7)		Antigua & Barbuda (6)		
Peru (7)			South Africa (8)		Sweden (8)		
French Polynesia (9)			Egypt (8)		Czech Rep. (9)		
Greece (10)			Malaysia (10)		Italy (9)		
Grapefruit & pomelos	Turkey (1)	Belize (5)	South Africa (1)	Belize (15)	Netherlands (1)	Bahamas (76)	
	China (2)	Bahamas (25)	Turkey (2)	Dominican Rep. (15)	Belgium (2)	Grenada (83)	
	Israel (3)	Jamaica (27)	Israel (3)	St. Vincent & Grenad. (29)	United Kingdom (2)	Barbados (102)	
	India (4)	Trinidad & Tobago (30)	Netherlands (4)	Bahamas (31)	France (4)	Antigua & Barbuda (108)	
	Belize (5)	Grenada (40)	United States (5)	Jamaica (33)	Germany (4)	Jamaica (115)	
	Mexico (6)	Saint Lucia (40)	Spain (6)	Dominica (36)	Italy (4)		
	Cyprus (7)	Dominican Rep. (49)	Belgium (7)	Guyana (52)	Russian Federation (7)		
	Lebanon (7)	St. Vincent & Grenad. (54)	China (8)		Canada (8)		
	Taiwan (PoC) (9)	Dominica (54)	Cyprus (9)		Poland (9)		
	Italy (9)	Suriname (54)	Argentina (10)		Slovenia (10)		
Lemons & limes	Turkey (1)	Grenada (27)	Mexico (1)	Jamaica (11)	United States (1)	Barbados (16)	
	United States (2)	Dominican Rep. (28)	Turkey (2)	Dominican Rep. (23)	United Kingdom (2)	Jamaica (23)	
	Iran (Islamic Rep.) (2)	St. Vincent & Grenad. (34)	Argentina (3)	Guyana (44)	France (3)	Bahamas (72)	
	China (4)	Saint Lucia (35)	Spain (4)	Bahamas (92)	Russian Federation (3)	Dominican Rep. (72)	
	Spain (5)	Jamaica (39)	South Africa (5)		Netherlands (5)	Saint Kitts & Nevis (118)	
	Italy (5)	Suriname (41)	Netherlands (6)		Germany (5)	Haiti (123)	
	South Africa (7)	Guyana (51)	Brazil (7)		Spain (5)	Antigua & Barbuda (132)	
	Colombia (7)	Dominica (51)	United States (8)		Italy (8)	Grenada (132)	
	Mexico (9)	Trinidad & Tobago (51)	Egypt (8)		Greece (9)		
	India (10)	Haiti (59)	Chile (10)		Poland (10)		
Mangoes	Pakistan (1)	Guyana (26)	India (1)	Haiti (13)	France (1)	Trinidad & Tobago (13)	
	Peru (2)	Haiti (31)	Brazil (2)	Suriname (27)	United Arab Emirates (1)	Grenada (14)	
	Indonesia (2)	Suriname (32)	Peru (3)	Dominican Rep. (27)	Japan (1)	Jamaica (16)	
	China (4)	Trinidad & Tobago (39)	Pakistan (4)	Guyana (38)	United Kingdom (4)	Saint Kitts & Nevis (18)	
	India (5)	Grenada (39)	Thailand (5)	Dominica (40)	United States (4)	Barbados (21)	
	Thailand (6)	Dominican Rep. (43)	Mexico (6)	Jamaica (42)	Germany (6)	Dominican Rep. (117)	
	Mexico (7)	St. Vincent & Grenad. (43)	Netherlands (6)	St. Vincent & Grenad. (50)	Netherlands (7)	Bahamas (126)	
	Guatemala (7)	Saint Lucia (45)	Philippines (8)	Saint Lucia (65)	China (8)		
	Cape Verde (9)	Jamaica (51)	Ecuador (9)	Trinidad & Tobago (80)	Canada (9)		
	Samoa (9)	Dominica (71)	Israel (10)		Portugal (10)		

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
Oranges		Italy (1)	Trinidad & Tobago (34)	Egypt (1)	Belize (15)	Saudi Arabia (1)	Barbados (17)
		India (2)	Dominican Rep. (38)	South Africa (2)	St. Vincent & Grenad. (18)	Germany (2)	Grenada (21)
		Brazil (3)	Belize (43)	Morocco (3)	Haiti (18)	Russian Federation (3)	Jamaica (34)
		United States (4)	Suriname (43)	Spain (4)	Guyana (29)	France (3)	Suriname (34)
		China (4)	St. Vincent & Grenad. (52)	United States (5)	Dominican Rep. (39)	Netherlands (3)	Antigua & Barbuda (47)
		Egypt (6)	Jamaica (58)	Turkey (6)	Dominica (48)	Belgium (3)	Saint Kitts & Nevis (47)
		Turkey (7)	Haiti (65)	Australia (7)	Bahamas (51)	United Kingdom (7)	Dominican Rep. (66)
		Spain (8)	Dominica (71)	Greece (8)	Jamaica (63)	Canada (8)	Saint Lucia (84)
		Indonesia (9)	Guyana (79)	Netherlands (9)		United States (9)	Bahamas (90)
		Taiwan (PoC) (10)	Grenada (79)	Argentina (10)		Rep. of Korea (10)	Haiti (164)
Other fruits		Indonesia (1)	Guyana (15)	Azerbaijan (1)	Dominican Rep. (41)	United Kingdom (1)	Barbados (19)
		Colombia (2)	Barbados (43)	Uzbekistan (2)	St. Vincent & Grenad. (43)	Russian Federation (2)	Trinidad & Tobago (22)
		Viet Nam (3)	Jamaica (52)	Viet Nam (3)	Guyana (49)	France (2)	Grenada (29)
		Cuba (4)	Bahamas (64)	Thailand (4)	Jamaica (56)	Netherlands (2)	Saint Lucia (33)
		Iran (Islamic Rep.) (5)	Trinidad & Tobago (75)	Colombia (5)	Suriname (56)	Germany (5)	Jamaica (45)
		Taiwan (PoC) (6)	Antigua & Barbuda (75)	Spain (5)	Dominica (61)	United States (6)	Belize (57)
		Lebanon (7)	Dominica (99)	Iran (Islamic Rep.) (7)	Trinidad & Tobago (69)	Indonesia (7)	Dominican Rep. (57)
		Philippines (7)	Saint Lucia (99)	Netherlands (8)	Saint Lucia (107)	Italy (8)	Haiti (62)
		India (9)	Saint Kitts & Nevis (110)	Madagascar (9)	Belize (111)	Belgium (9)	Antigua & Barbuda (65)
		Nigeria (10)	Belize (122)	Israel (10)	Barbados (118)	Canada (10)	Bahamas (163)
Papayas		Brazil (1)	Belize (3)	Belize (1)	Belize (1)	Netherlands (1)	Barbados (9)
		Mexico (2)	Jamaica (19)	Mexico (2)	Trinidad & Tobago (27)	United Kingdom (1)	Belize (18)
		Indonesia (3)	Dominican Rep. (40)	Brazil (3)	Jamaica (34)	United States (1)	Antigua & Barbuda (28)
		Belize (3)		Malaysia (4)	Guyana (41)	Germany (4)	Dominican Rep. (35)
		Taiwan (PoC) (5)		Netherlands (5)	Dominica (47)	Canada (5)	Bahamas (82)
		Nigeria (6)		Côte d'Ivoire (6)	Dominican Rep. (52)	Portugal (6)	
		India (7)		Ecuador (7)		Spain (7)	
		Philippines (8)		India (8)		France (8)	
		Honduras (9)		Costa Rica (8)		Barbados (9)	
		Colombia (10)		Guatemala (8)		Japan (10)	
Pears & quinces		Belgium (1)	St. Vincent & Grenad. (48)	China (1)	Jamaica (22)	Russian Federation (1)	Jamaica (14)
		Netherlands (2)		Belgium (2)	Dominican Rep. (77)	Canada (2)	Trinidad & Tobago (17)
		United States (3)		Netherlands (3)		Netherlands (3)	Barbados (20)
		South Africa (4)		South Africa (4)		Belgium (4)	St. Vincent & Grenad. (21)
		Argentina (5)		Argentina (5)		United Kingdom (4)	Bahamas (25)
		Spain (6)		Italy (6)		France (4)	Dominican Rep. (25)
		Italy (7)		Rep. of Korea (7)		Germany (4)	Suriname (25)
		China (8)		Spain (8)		Italy (4)	Saint Lucia (43)
		Switzerland (9)		United States (9)		United States (9)	Belize (50)
		France (9)		Chile (10)		Norway (10)	Saint Kitts & Nevis (62)

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
	Pineapples	Philippines (1) Honduras (2) Benin (3) Panama (4) Mexico (4) Brazil (6) Colombia (7) Taiwan (PoC) (7) Thailand (9) Kenya (9)	Trinidad & Tobago (37) Antigua & Barbuda (37) Jamaica (39) Belize (48) Suriname (50) Guyana (52) Haiti (58) Dominican Rep. (66)	Costa Rica (1) Netherlands (2) Ghana (3) Belgium (4) Ecuador (5) Philippines (6) Panama (6) United States (8) Côte d'Ivoire (9) Guatemala (10)	Trinidad & Tobago (12) Jamaica (12) Haiti (12) Dominica (18) Guyana (50) Dominican Rep. (59)	Belgium (1) United Kingdom (1) Germany (3) Italy (4) Canada (5) Netherlands (6) Spain (6) United States (8) Japan (9) France (10)	Barbados (12) St. Vincent & Grenad. (15) Antigua & Barbuda (21) Saint Lucia (36) Jamaica (36) Saint Kitts & Nevis (47) Dominican Rep. (78) Bahamas (86) Haiti (111)
	Plums	Chile (1) France (2) Germany (3) South Africa (4) Spain (5) Serbia & Montenegro (6) Italy (7) Turkey (8) Slovenia (9) China (10)	Grenada (64)	Chile (1) South Africa (1) Spain (1) Italy (4) United States (5) Netherlands (6) France (7) Uzbekistan (8) Argentina (9) Australia (9)	St. Vincent & Grenad. (33)	Netherlands (1) United Kingdom (2) France (2) Germany (4) Canada (5) United States (6) Russian Federation (7) Italy (7) Belgium (9) Sweden (10)	St. Vincent & Grenad. (15) Trinidad & Tobago (19) Barbados (22) Saint Lucia (25) Jamaica (35) Antigua & Barbuda (37) Dominican Rep. (47) Saint Kitts & Nevis (55) Bahamas (93)
	Tang. mand. clement. satsma	Brazil (1) Spain (2) Morocco (3) China (4) Japan (4) Italy (6) Egypt (7) Peru (8) Rep. of Korea (9) Australia (10)	Jamaica (39) Haiti (45)	China (1) Morocco (2) Spain (3) Turkey (3) South Africa (5) Netherlands (6) Cyprus (7) Argentina (8) Peru (9) Israel (10)	Dominican Rep. (20) Dominica (32) Jamaica (43) Guyana (49)	Russian Federation (1) France (1) Netherlands (1) United Kingdom (4) Poland (5) Germany (5) United States (7) Canada (8) Belgium (8) Italy (10)	Antigua & Barbuda (16) Barbados (20) Saint Kitts & Nevis (23) Dominican Rep. (49) Bahamas (134)
	Beans	China (1) France (2) Turkey (3) United States (4) Ukraine (5) Indonesia (6) Morocco (7) Tajikistan (8) Spain (9) Belgium (10)	Suriname (14) Jamaica (33) Guyana (39) Barbados (55) Antigua & Barbuda (62)	Morocco (1) Kenya (2) Egypt (3) France (4) Mexico (4) United States (6) Spain (7) Netherlands (8) Senegal (9) Ethiopia (10)	Guyana (42) Trinidad & Tobago (46) Dominican Rep. (46) Suriname (59) Jamaica (86)	Spain (1) United Kingdom (2) Netherlands (2) Belgium (2) Germany (5) France (5) United States (7) Canada (8) Italy (9) Portugal (10)	Trinidad & Tobago (11) Barbados (17) Guyana (33) Jamaica (36) Dominican Rep. (46) Bahamas (80) Haiti (114) Antigua & Barbuda (125) Belize (125)

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
	Cabbages	Rep. of Korea (1) Germany (2) Japan (3) China (4) Belarus (4) Ukraine (6) Poland (7) India (8) Russian Federation (8) Kuwait (10)	Belize (46) Jamaica (61) Suriname (65) Dominican Rep. (88) Antigua & Barbuda (94) Barbados (97) Dominica (97) Trinidad & Tobago (102) Grenada (108) Haiti (108)	Mexico (1) Spain (2) Poland (3) Netherlands (4) China (5) United States (5) Italy (7) Uzbekistan (8) Germany (9) Viet Nam (9)	Dominican Rep. (20) Trinidad & Tobago (47) Guyana (73)	United States (1) Canada (2) Russian Federation (3) Netherlands (4) United Kingdom (4) Germany (6) Sweden (7) Singapore (7) Hong Kong (SARC) (9) Malaysia (10)	Guyana (15) Trinidad & Tobago (16) Saint Lucia (16) Jamaica (16) Barbados (24) St. Vincent & Grenad. (26) Antigua & Barbuda (29) Belize (35) Grenada (40) Dominican Rep. (46)
	Cantaloupes & other melons	Spain (1) China (2) Morocco (3) Italy (4) United States (5) Romania (6) Iran (Islamic Rep.) (7) France (8) Turkey (9) Venezuela (10)	Barbados (21) Antigua & Barbuda (42) Haiti (51) Dominican Rep. (55) Belize (73)	Panama (1) Guatemala (2) Brazil (2) Spain (4) Costa Rica (5) Morocco (6) Uzbekistan (7) Mexico (8) Netherlands (9) United States (10)	Trinidad & Tobago (36) Dominican Rep. (37)	France (1) Netherlands (2) Belgium (2) Russian Federation (4) Germany (4) United Kingdom (4) Spain (7) Canada (8) Italy (9) United States (10)	Trinidad & Tobago (18) Barbados (21) Jamaica (30) St. Vincent & Grenad. (85) Bahamas (90) Saint Lucia (95) Saint Kitts & Nevis (101) Antigua & Barbuda (119) Grenada (119)
	Carrots	Belgium (1) Germany (2) Italy (3) United Kingdom (3) Netherlands (5) Ukraine (6) United States (7) China (8) Poland (9) Switzerland (10)	Belize (40) Barbados (63) St. Vincent & Grenad. (63) Jamaica (87) Dominica (90) Dominican Rep. (90) Antigua & Barbuda (94) Grenada (99)	China (1) Netherlands (2) United States (3) Spain (4) Italy (5) Australia (6) France (7) Belgium (8) Uzbekistan (9) South Africa (10)	Trinidad & Tobago (63)	Russian Federation (1) Belgium (2) United States (2) Canada (4) Japan (5) France (6) Germany (7) Malaysia (8) Portugal (9) Rep. of Korea (10)	Dominican Rep. (16) Saint Lucia (16) Barbados (18) Trinidad & Tobago (20) St. Vincent & Grenad. (20) Grenada (20) Guyana (24) Dominica (27) Antigua & Barbuda (36) Belize (36)
	Cauliflower	China (1) Italy (2) Morocco (3) Jordan (4) India (4) France (6) Spain (7) United States (8) Armenia (9) Lebanon (9)	Jamaica (64) Trinidad & Tobago (78)	China (1) Spain (2) France (3) United States (4) Ecuador (5) Guatemala (6) Mexico (7) Italy (8) Netherlands (9) Other Europe (10)	..	Trinidad & Tobago (1) Canada (2) Italy (2) Netherlands (4) Norway (4) United Kingdom (6) France (6) Germany (8) Belgium (9) Czech Rep. (10)	Trinidad & Tobago (1) Jamaica (14) Guyana (14) Antigua & Barbuda (16) St. Vincent & Grenad. (17) Saint Lucia (19) Barbados (25) Belize (32) Grenada (43) Saint Kitts & Nevis (56)

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
		Chillies & peppers, green	Spain (1)	Barbados (43)	Mexico (1)	Guyana (31)	Netherlands (1)
United States (2)	Trinidad & Tobago (45)		Spain (2)	Belize (40)	Italy (2)	Jamaica (15)	
China (3)	Dominican Rep. (53)		Turkey (3)	Dominican Rep. (46)	France (3)	Barbados (22)	
Turkey (4)	Antigua & Barbuda (60)		Netherlands (3)	Suriname (46)	United Kingdom (3)	Dominican Rep. (23)	
Netherlands (5)	St. Vincent & Grenad. (63)		Rep. of Korea (5)	Trinidad & Tobago (51)	Germany (5)	Antigua & Barbuda (33)	
Indonesia (5)	Guyana (70)		Canada (6)	Jamaica (67)	United States (6)	St. Vincent & Grenad. (36)	
Mexico (7)	Jamaica (84)		Morocco (7)		Canada (7)	Saint Lucia (80)	
United Kingdom (7)	Belize (93)		France (8)		Japan (8)	Saint Kitts & Nevis (86)	
Israel (7)			United States (9)		Sweden (9)	Bahamas (102)	
Jordan (10)			China (10)		Czech Rep. (9)	Belize (108)	
Cucumbers & gherkins	France (1)	Barbados (57)	Jordan (1)	Trinidad & Tobago (18)	United States (1)	Barbados (11)	
	Netherlands (2)	Dominican Rep. (58)	Spain (2)	Guyana (35)	Iraq (2)	Suriname (23)	
	Ukraine (3)	Guyana (64)	Mexico (2)	Dominican Rep. (47)	Russian Federation (3)	Saint Kitts & Nevis (62)	
	Sweden (4)	Suriname (64)	Netherlands (4)	Dominica (51)	Czech Rep. (4)	Antigua & Barbuda (90)	
	Russian Federation (5)	Antigua & Barbuda (75)	Canada (5)		United Kingdom (5)	Saint Lucia (107)	
	China (6)	Jamaica (75)	Iran (Islamic Rep.) (6)		Netherlands (6)	Bahamas (108)	
	Spain (7)	Grenada (89)	Turkey (7)		France (6)		
	Iran (Islamic Rep.) (7)	Dominica (95)	Greece (8)		Canada (8)		
	Turkey (9)	Trinidad & Tobago (105)	Belgium (9)		Germany (9)		
	Japan (10)	Belize (114)	Poland (10)		Belgium (10)		
Eggplants	Egypt (1)	Trinidad & Tobago (29)	Jordan (1)	Suriname (12)	Italy (1)	Jamaica (29)	
	China (2)	Antigua & Barbuda (45)	Spain (2)	Dominican Rep. (30)	United Kingdom (2)	Saint Kitts & Nevis (58)	
	Turkey (3)	Guyana (53)	Mexico (3)	Guyana (31)	France (3)	Antigua & Barbuda (83)	
	Netherlands (4)	Jamaica (53)	Netherlands (4)	Trinidad & Tobago (33)	Germany (4)	Bahamas (85)	
	India (4)	Haiti (56)	Turkey (5)	Dominica (42)	Netherlands (5)		
	Jordan (6)	Dominican Rep. (58)	Kenya (6)		United States (6)		
	Kazakhstan (7)		Iran (Islamic Rep.) (7)		Canada (7)		
	Palestine (7)		Uzbekistan (8)		Iraq (8)		
	Israel (9)		China (9)		Russian Federation (9)		
	Italy (10)		Kazakhstan (10)		Syrian Arab Rep. (10)		
Garlic	China (1)	Haiti (13)	China (1)	Guyana (40)	Germany (1)	Suriname (44)	
	United States (2)	Dominican Rep. (69)	Argentina (2)	Trinidad & Tobago (40)	Italy (2)	Antigua & Barbuda (49)	
	Egypt (3)		Spain (3)	Barbados (84)	United Kingdom (3)	Barbados (49)	
	Rep. of Korea (3)		India (4)	Dominican Rep. (94)	Pakistan (4)	Haiti (53)	
	Russian Federation (5)		Netherlands (4)		France (4)	Grenada (62)	
	Ethiopia (6)		France (6)		Malaysia (6)	Dominican Rep. (64)	
	Cuba (7)		Italy (7)		United States (6)	Jamaica (64)	
	Palestine (8)		Turkmenistan (8)		Bangladesh (8)	Trinidad & Tobago (70)	
	Argentina (9)		Myanmar (9)		Netherlands (9)	Guyana (77)	
	India (10)		Lao People's Democratic Rep. (10)		Indonesia (10)	Dominica (87)	

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
	Lettuce	United States (1) China (2) France (3) Spain (4) Congo (5) Italy (6) Rep. of Korea (7) Japan (7) Austria (9) Switzerland (9)	Barbados (34) Trinidad & Tobago (40) Jamaica (44) Dominica (63) Dominican Rep. (69) Haiti (70) Grenada (72)	Spain (1) United States (2) Belgium (3) Netherlands (4) Italy (5) Egypt (5) Iran (Islamic Rep.) (7) Turkey (8) China (9) India (10)	Trinidad & Tobago (40)	Canada (1) Netherlands (2) United States (2) Italy (4) France (5) Germany (6) United Kingdom (6) Austria (6) Belgium (9) Sweden (10)	Antigua & Barbuda (14) St. Vincent & Grenad. (14) Trinidad & Tobago (16) Saint Lucia (17) Dominican Rep. (19) Barbados (21) Belize (26) Grenada (31) Jamaica (31) Saint Kitts & Nevis (43)
	Onions	United States (1) Egypt (2) Rep. of Korea (3) France (4) Japan (5) Spain (6) China (7) Iran (Islamic Rep.) (8) Netherlands (9) Germany (10)	Barbados (60) Antigua & Barbuda (92) Jamaica (105) Belize (109) Dominican Rep. (109) Bahamas (109) Guyana (116) Haiti (124)	China (1) India (1) Mexico (3) Netherlands (4) Egypt (5) Spain (6) Poland (7) Uzbekistan (8) United States (9) New Zealand (10)	Belize (60) Dominican Rep. (61) Jamaica (81) Trinidad & Tobago (81)	Canada (1) Saudi Arabia (2) Malaysia (3) Russian Federation (3) United States (3) United Kingdom (6) Japan (7) Belgium (8) Bangladesh (9) Germany (10)	Jamaica (21) St. Vincent & Grenad. (21) Barbados (24) Antigua & Barbuda (27) Guyana (27) Suriname (32) Dominica (36) Trinidad & Tobago (36) Grenada (39) Belize (41)
	Other vegetables	Rep. of Korea (1) China (2) France (3) Tajikistan (4) Cuba (4) United Arab Emirates (4) Armenia (4) United States (8) Viet Nam (9) Italy (10)	Bahamas (72) Antigua & Barbuda (74) Barbados (74) Suriname (79) Trinidad & Tobago (79) Jamaica (83) Dominica (107) Grenada (112) St. Vincent & Grenad. (115) Guyana (127)	Israel (1) Spain (2) China (3) Italy (4) Netherlands (4) Thailand (6) New Zealand (7) Mexico (8) Morocco (9) France (10)	Dominican Rep. (44) Suriname (69) Jamaica (69) Dominica (74) Trinidad & Tobago (78) Guyana (78) Grenada (95) St. Vincent & Grenad. (122) Haiti (122)	United States (1) Netherlands (2) United Kingdom (2) Italy (2) Belgium (5) France (5) Germany (7) Canada (8) Austria (9) Russian Federation (10)	Guyana (20) Barbados (21) Trinidad & Tobago (22) Antigua & Barbuda (25) St. Vincent & Grenad. (29) Saint Lucia (38) Jamaica (38) Dominican Rep. (56) Haiti (64) Suriname (64)
	Spinach	Belgium (1) United States (2) China (3) Jordan (4) Japan (5) Austria (6) Israel (7) Qatar (7) Turkey (9) Peru (10)	Haiti (35) Jamaica (42)	Spain (1) United States (2) Italy (3) France (4) China (5) Portugal (6) Mexico (6) Turkey (8) Netherlands (9) Canada (9)	Dominican Rep. (15) Jamaica (24) Barbados (34) Trinidad & Tobago (42)	United States (1) Canada (2) United Kingdom (3) Germany (4) Netherlands (5) Sweden (6) Spain (6) Singapore (8) Belgium (8) Norway (8)	Trinidad & Tobago (11) Jamaica (19) Antigua & Barbuda (26) Saint Kitts & Nevis (33) Dominican Rep. (39) Bahamas (67)

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
	Tomatoes	United States (1) Iran (Islamic Rep.) (2) Italy (3) China (3) Iceland (5) Spain (6) Netherlands (6) Egypt (6) Turkey (9) Austria (10)	Bahamas (44) Barbados (69) Antigua & Barbuda (72) Dominica (91) Guyana (112) Suriname (112) Grenada (112) Dominican Rep. (139) Haiti (143) Jamaica (148)	Mexico (1) Spain (2) Netherlands (3) Belgium (4) Turkey (5) Canada (5) Morocco (7) Jordan (8) Italy (9) France (10)	Dominican Rep. (22) Guyana (40) Trinidad & Tobago (44) Suriname (97)	Russian Federation (1) United States (1) Canada (3) Italy (4) Sweden (5) United Kingdom (6) France (7) Germany (8) Netherlands (8) Belgium (10)	Jamaica (11) Trinidad & Tobago (11) Barbados (13) Dominican Rep. (16) Saint Lucia (44) St. Vincent & Grenad. (69) Saint Kitts & Nevis (77) Antigua & Barbuda (84) Suriname (94) Bahamas (126)
	Watermelons	China (1) Jordan (2) United States (3) Turkey (4) Syrian Arab Rep. (4) Iran (Islamic Rep.) (6) Egypt (6) Spain (8) Rep. of Korea (9) Morocco (10)	Jamaica (59) Suriname (68) Belize (73) Guyana (89) Trinidad & Tobago (93)	Panama (1) Mexico (2) Spain (3) Netherlands (4) Iran (Islamic Rep.) (5) Viet Nam (6) United States (7) Greece (8) Saudi Arabia (9) Kazakhstan (10)	Trinidad & Tobago (24) Guyana (38) Dominican Rep. (41) Dominica (47)	United Kingdom (1) United States (1) France (3) Netherlands (3) Germany (5) Russian Federation (6) Canada (7) Poland (8) Iraq (9) China (10)	St. Vincent & Grenad. (19) Barbados (22) Saint Lucia (25) Antigua & Barbuda (29) Jamaica (29) Trinidad & Tobago (41) Saint Kitts & Nevis (43) Dominican Rep. (51) Haiti (104) Bahamas (120)
Cereals, grains, beans, peas and pulses	Maize	United States (1) Italy (2) Argentina (3) Chile (4) South Africa (5) Ukraine (6) Tajikistan (6) Hungary (8) Kuwait (9) France (10)	Barbados (30) Guyana (48) Trinidad & Tobago (50) St. Vincent & Grenad. (86) Antigua & Barbuda (88) Bahamas (88) Dominica (110) Suriname (110) Dominican Rep. (121) Haiti (127)	Ukraine (1) South Africa (2) China (3) Argentina (4) France (5) United States (6) Hungary (7) Serbia & Montenegro (8) India (9) Bulgaria (10)	Haiti (24) Trinidad & Tobago (36) Belize (77)	Rep. of Korea (1) Malaysia (2) Taiwan (PoC) (3) Germany (3) Iran (Islamic Rep.) (5) Netherlands (6) Spain (6) Zimbabwe (6) Japan (9) Colombia (10)	Guyana (19) Belize (23) Dominican Rep. (32) Saint Kitts & Nevis (57) Antigua & Barbuda (57) Saint Lucia (61) Dominica (66) Jamaica (75) Bahamas (75) Trinidad & Tobago (84)
	Rice, paddy	China (1) Viet Nam (2) Indonesia (3) Bangladesh (4) Myanmar (5) Iran (Islamic Rep.) (6) United States (7) Egypt (7) Turkey (9) Thailand (10)	Guyana (49) Suriname (56) Dominican Rep. (67) Belize (78) Trinidad & Tobago (82) Haiti (92) Jamaica (111)	United States (1) China (2) Paraguay (3) Egypt (4) India (5) Russian Federation (6) France (6) Italy (8) Tanzania (9) TFYR Macedonia (10)	Guyana (11) Suriname (15)	Guatemala (1) Saudi Arabia (2) Gambia (3) Honduras (4) Cuba (5) Jamaica (6) Mexico (7) United Kingdom (7) South Africa (9) Costa Rica (10)	Jamaica (6) Dominica (24) Barbados (24) Guyana (24) Belize (54) Grenada (63) Saint Lucia (63) Suriname (63) Dominican Rep. (83) Bahamas (117)

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
	Sorghum	Jordan (1) Argentina (2) Palestine (3) United States (3) Mexico (5) Israel (6) China (7) Egypt (8) Panama (9) Nigeria (10)	Belize (47) Haiti (79) Dominican Rep. (84)	India (1) Australia (2) Argentina (3) United States (3) France (5) Ukraine (6) China (7) Egypt (8) South Africa (9) Myanmar (9)	..	Sudan (1) Brazil (2) Taiwan (PoC) (3) Spain (4) Eritrea (5) Uganda (5) Niger (7) Japan (8) Zimbabwe (9) Zambia (10)	Jamaica (48) Belize (55) Dominican Rep. (72) Haiti (109) Bahamas (117)
	Beans, dry	United States (1) China (2) Latvia (3) Belarus (4) Serbia & Montenegro (5) Mexico (6) Belgium (7) Brazil (7) Myanmar (9) Croatia (9)	Barbados (16) Grenada (73) Jamaica (85) Haiti (93) Dominican Rep. (100) Belize (104)	Myanmar (1) China (2) Canada (3) Nicaragua (4) United States (5) Netherlands (6) Ethiopia (7) Argentina (8) Egypt (9) Kyrgyzstan (10)	Belize (24) Trinidad & Tobago (67)	United States (1) United Kingdom (2) Italy (3) France (4) Cuba (4) Colombia (6) Spain (7) Algeria (8) India (8) Pakistan (8)	Jamaica (21) Guyana (22) Grenada (23) St. Vincent & Grenad. (23) Antigua & Barbuda (34) Dominica (37) Belize (37) Haiti (41) Saint Lucia (41) Barbados (44)
	Broad beans, dry	France (1) United Kingdom (2) Egypt (3) China (4) Lebanon (5) Sudan (6) Ethiopia (7) Argentina (8) Palestine (9) Slovakia (9)	Dominican Rep. (37) Guyana (41) Jamaica (41)	France (1) United Kingdom (2) Australia (3) Russian Federation (4) Syrian Arab Republic (5) Belgium (6) Germany (7) China (8) Guatemala (9) Chile (10)	..	Norway (1) Egypt (1) France (3) United Arab Emirates (4) Jordan (5) Yemen (6) United States (7) Italy (8) Saudi Arabia (9) Spain (9)	Dominica (22) Dominican Rep. (32) Antigua & Barbuda (42) Jamaica (50)
	Cow peas, dry	Palestine (1) Niger (2) United States (3) Nigeria (3) TFYR Macedonia(5) Croatia (5) Trinidad & Tobago (7) Cameroon (8) Egypt (9) Myanmar (10)	Trinidad & Tobago (7) Jamaica (18) Haiti (23)	Myanmar (1) Pakistan (2) Canada (3) Peru (4) Australia (5) United States (6) Thailand (7) China (8) Tanzania (9) Uganda (10)	Belize (15)	Dominican Rep. (1) Canada (2) United States (2) Malaysia (4) Colombia (5) Angola (6) India (7) Pakistan (8) Japan (9) France (9)	Dominican Rep. (1) Haiti (14) Jamaica (26) Grenada (33) Saint Lucia (35) Saint Kitts & Nevis (49) Dominica (65) Guyana (65) Trinidad & Tobago (72) Barbados (72)

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...		
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	
Other pulses		Poland (1)	Trinidad & Tobago (11)	United Kingdom (1)	Jamaica (11)	Egypt (1)	Dominican Rep. (27)	
		China (2)	Saint Lucia (39)	Pakistan (2)	Bahamas (25)	Nepal (2)	Belize (70)	
Peas, dry		Tajikistan (3)	Barbados (48)	Myanmar (3)	Belize (36)	China (2)	Trinidad & Tobago (81)	
		United Kingdom (4)	Dominican Rep. (58)	Australia (4)		United Kingdom (2)	Jamaica (95)	
		Myanmar (5)	St. Vincent & Grenad. (61)	India (5)		United Arab Emirates (5)	Guyana (98)	
		Denmark (5)	Jamaica (65)	Madagascar (6)		United States (5)	Haiti (102)	
		Lithuania (7)	Saint Kitts & Nevis (65)	Africa not elsewhere specified (6)		Malaysia (7)	Bahamas (109)	
		Iran (Islamic Rep.) (8)	Grenada (75)	Malawi (8)		Pakistan (8)		
		Azerbaijan (9)	Dominica (84)	Uganda (9)		Sudan (9)		
		Spain (10)	Suriname (84)	Ukraine (9)		Turkey (10)		
	Cocoa beans		United States (1)	Jamaica (22)	United States (1)	Belize (20)	Spain (1)	Grenada (21)
			France (2)	Dominican Rep. (54)	Canada (2)	Trinidad & Tobago (55)	United Kingdom (1)	Jamaica (25)
		Canada (3)	Guyana (78)	France (3)	Barbados (62)	Italy (3)	St. Vincent & Grenad. (29)	
		Germany (4)		Ukraine (4)		United States (4)	Trinidad & Tobago (29)	
		Ireland (5)		Tanzania (5)		Canada (4)	Dominican Rep. (29)	
		China (6)		Germany (6)		Netherlands (6)	Barbados (43)	
		India (7)		Australia (7)		China (6)	Saint Lucia (43)	
		Switzerland (7)		Russian Federation (8)		Belgium (8)	Guyana (49)	
		Slovenia (9)		New Zealand (9)		Cuba (9)	Belize (55)	
		Italy (9)		Hungary (10)		United Arab Emirates (10)	Antigua & Barbuda (61)	
Coffee, cocoa		Indonesia (1)	Grenada (5)	Ghana (1)	Belize (14)	Malaysia (1)	Dominican Rep. (69)	
		Ghana (2)	Saint Lucia (13)	Nigeria (1)	Dominican Rep. (29)	Belgium (2)	Jamaica (69)	
		Côte d'Ivoire (3)	Trinidad & Tobago (16)	Indonesia (3)	Trinidad & Tobago (37)	Germany (3)	Haiti (85)	
		Solomon Is (4)	Belize (18)	Côte d'Ivoire (3)	Haiti (39)	United States (4)	Bahamas (110)	
		Grenada (5)	Haiti (30)	Cameroon (5)	Grenada (44)	Netherlands (5)		
		Ecuador (6)	Jamaica (31)	Belgium (6)	Jamaica (46)	France (6)		
		Cameroon (7)	Guyana (40)	Ecuador (7)		Spain (7)		
		El Salvador (8)	St. Vincent & Grenad. (40)	Papua New Guinea (8)		Turkey (8)		
		Nigeria (9)	Dominica (45)	Guinea (9)		Italy (9)		
		Madagascar (9)	Suriname (47)	Togo (10)		Russian Federation (10)		
Coffee, green		Viet Nam (1)	Belize (8)	Indonesia (1)	Bahamas (40)	United States (1)	Dominica (20)	
		Colombia (2)	Dominican Rep. (15)	Ethiopia (1)	Guyana (50)	Sweden (1)	Belize (22)	
		Brazil (3)	Dominica (26)	Brazil (3)	Dominican Rep. (52)	Belgium (3)	Jamaica (23)	
		Indonesia (4)	Jamaica (39)	Viet Nam (4)	Jamaica (55)	Germany (3)	Barbados (26)	
		China (5)	Haiti (39)	Colombia (4)	Haiti (66)	Japan (3)	Dominican Rep. (45)	
		Zimbabwe (6)	Trinidad & Tobago (46)	Honduras (6)		Netherlands (3)	Trinidad & Tobago (48)	
		Ethiopia (7)	Guyana (50)	Guatemala (7)		Spain (3)	St. Vincent & Grenad. (68)	
		Tonga (8)	St. Vincent & Grenad. (50)	Peru (8)		Switzerland (3)	Saint Kitts & Nevis (72)	
		Belize (8)	Suriname (65)	Costa Rica (9)		Italy (9)	Grenada (81)	
		India (10)		India (10)		Canada (9)	Antigua & Barbuda (106)	

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
Cotton	Seed cotton	Brazil (1)	Antigua & Barbuda (66)	United States (1)	..	Turkey (1)	Antigua & Barbuda (50)
		China (2)	Haiti (66)	Greece (2)		Italy (2)	Suriname (50)
		Pakistan (3)	Grenada (72)	Australia (3)		Greece (3)	Jamaica (55)
		Uzbekistan (3)	Saint Kitts & Nevis (72)	Côte d'Ivoire (4)		Japan (4)	Dominican Rep. (69)
		United States (5)		Zambia (5)		Rep. of Korea (5)	
		Turkey (6)		Burkina Faso (6)		Mexico (6)	
		India (7)		Brazil (7)		Saudi Arabia (7)	
		Syrian Arab Rep. (8)		Mali (8)		Spain (8)	
		Israel (9)		Costa Rica (9)		South Africa (9)	
		Spain (10)		Georgia (10)		Portugal (10)	
Fibre crops	Sisal & other textile fibres of agave	Kenya (1)	Haiti (19)	Brazil (1)	..	China (1)	Dominican Rep. (63)
		China (2)	Jamaica (21)	Kenya (2)		Saudi Arabia (2)	Trinidad & Tobago (90)
		Colombia (2)	Dominican Rep. (23)	Tanzania (3)		Spain (2)	Bahamas (113)
		Brazil (4)		Madagascar (4)		Mexico (4)	
		Ecuador (5)		Germany (5)		Belgium (5)	
		Madagascar (6)		El Salvador (6)		India (6)	
		Cuba (7)		Bangladesh (7)		Morocco (7)	
		Indonesia (8)		Belgium (8)		Cuba (8)	
		Tanzania (8)		Ecuador (9)		Chile (9)	
		Mexico (10)		Denmark (9)		Netherlands (10)	
Nuts	Cashew nuts	Viet Nam (1)	Belize (9)	Viet Nam (1)	Suriname (30)	Australia (1)	Jamaica (13)
		Brazil (2)	Dominican Rep. (22)	Côte d'Ivoire (2)	Trinidad & Tobago (64)	United Kingdom (2)	Trinidad & Tobago (16)
		India (3)		Guinea-Bissau (3)		Netherlands (2)	Suriname (18)
		Peru (4)		Brazil (4)		United Arab Emirates (4)	Saint Lucia (21)
		Kenya (5)		India (5)		Canada (4)	Antigua & Barbuda (36)
		Nigeria (6)		Netherlands (6)		United States (6)	Barbados (36)
		Togo (6)		Indonesia (7)		Germany (7)	Grenada (36)
		Indonesia (8)		Ghana (8)		India (8)	Saint Kitts & Nevis (57)
		Belize (9)		Mozambique (9)		Belgium (9)	Haiti (63)
		Côte d'Ivoire (10)		Nigeria (10)		France (9)	Dominican Rep. (92)
Oil crops	Castor beans	India (1)	Haiti (15)	Paraguay (1)	..	Brazil (1)	Saint Kitts & Nevis (6)
		Brazil (2)		United States (1)		China (2)	
		China (3)		Myanmar (3)		Mexico (3)	
		Ukraine (4)		Pakistan (4)		Thailand (4)	
		Cambodia (5)		Ethiopia (5)		United States (5)	
		Ethiopia (5)		South Africa (6)		Saint Kitts & Nevis (6)	
		Paraguay (7)		Greece (6)		Rep. of Korea (7)	
		Ecuador (8)		Lao PDR (6)		Canada (7)	
		Russian Federation (9)		Singapore (6)		Togo (9)	
		Pakistan (10)		Ghana (6)		Bolivia (10)	

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
	Coconuts	Brazil (1) Indonesia (2) Philippines (3) El Salvador (3) India (5) Venezuela (6) Myanmar (6) China (8) Solomon Is (9) Thailand (10)	Suriname (14) Dominican Rep. (32) Belize (32) Barbados (35) Saint Lucia (35) Saint Kitts & Nevis (40) Guyana (45) Jamaica (52) Dominica (60) Grenada (65)	Viet Nam (1) Philippines (2) Indonesia (3) Sri Lanka (4) Singapore (5) Thailand (6) Dominican Rep. (7) Netherlands (8) Côte d'Ivoire (9) Mexico (10)	Dominican Rep. (7) Suriname (16) Guyana (16) St. Vincent & Grenad. (31) Dominica (36) Jamaica (39) Trinidad & Tobago (79)	Singapore (1) Netherlands (2) Germany (2) Belgium (4) United States (5) Canada (6) United Arab Emirates (7) France (7) Poland (7) Spain (10)	Haiti (56) Grenada (106) Dominican Rep. (121) Barbados (133) Bahamas (134) Trinidad & Tobago (140) Antigua & Barbuda (145) Jamaica (147) Guyana (149) Suriname (151)
	Groundnuts in shell	United States (1) China (2) Indonesia (3) Mauritius (4) Nicaragua (5) Nigeria (6) Malaysia (6) Argentina (8) Sudan (8) Brazil (10)	Barbados (26) Saint Kitts & Nevis (57) Dominican Rep. (60) St. Vincent & Grenad. (60) Suriname (60) Guyana (79) Haiti (79) Jamaica (94) Belize (101)	Egypt (1) India (2) China (3) United States (4) Israel (5) South Africa (6) Brazil (7) Ghana (8) Senegal (9) Malawi (9)	Barbados (75)	United Kingdom (1) Germany (1) Canada (3) Italy (4) Mexico (4) Indonesia (6) Switzerland (7) Slovakia (8) Netherlands (9) Spain (10)	Trinidad & Tobago (15) St. Vincent & Grenad. (20) Barbados (26) Saint Lucia (26) Suriname (31) Dominican Rep. (36) Antigua & Barbuda (36) Guyana (43) Jamaica (43) Bahamas (123)
	Sesame seed	China (1) Myanmar (2) Ethiopia (3) Israel (3) Italy (5) Lebanon (5) Ecuador (7) India (7) Sudan (9) TFYR Macedonia(9)	Haiti (58)	Ethiopia (1) Nigeria (2) India (3) Paraguay (3) Sudan (5) Bolivia (6) Tanzania (7) Myanmar (8) Guatemala (8) Mozambique (10)	..	China (1) Germany (2) Israel (3) Japan (3) Turkey (5) Greece (5) Saudi Arabia (5) United States (8) Rep. of Korea (9) Taiwan (PoC) (10)	Trinidad & Tobago (73) Dominican Rep. (82) Barbados (82) Grenada (107) Jamaica (109) Bahamas (132)
	Soybeans	Argentina (1) United States (2) Brazil (3) Switzerland (4) China (5) Canada (6) Egypt (7) Czech Rep. (8) Kyrgyzstan (9) India (10)	Suriname (62) Belize (71)	Brazil (1) Argentina (2) United States (3) Paraguay (3) Canada (5) Uruguay (6) Ukraine (7) Romania (8) Cambodia (8) Benin (10)	Trinidad & Tobago (32)	China (1) Turkey (2) Italy (2) Taiwan (PoC) (4) Germany (5) Japan (5) Thailand (7) Mexico (8) Spain (9) Egypt (10)	St. Vincent & Grenad. (27) Suriname (27) Guyana (52) Barbados (68) Jamaica (76) Trinidad & Tobago (89) Dominican Rep. (108) Belize (108) Haiti (123)

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
Roots & tubers	Cassava	Indonesia (1)	Trinidad & Tobago (12)	Viet Nam (1)	Suriname (7)	United States (1)	Jamaica (3)
		Brazil (2)	Jamaica (16)	Costa Rica (1)	Dominican Rep. (21)	China (2)	Dominican Rep. (5)
		Thailand (3)	St. Vincent & Grenad. (22)	Thailand (3)	Guyana (33)	Jamaica (3)	Antigua & Barbuda (7)
		Viet Nam (4)	Barbados (23)	Indonesia (4)	Jamaica (39)	Rep. of Korea (4)	Trinidad & Tobago (8)
		Nigeria (4)	Suriname (38)	Ghana (5)		Dominican Rep. (5)	Bahamas (49)
		Angola (4)	Antigua & Barbuda (43)	Ecuador (6)		Spain (6)	
		Cambodia (7)	Bahamas (43)	Nigeria (7)		Antigua & Barbuda (7)	
		India (8)	Belize (43)	Paraguay (7)		Trinidad & Tobago (8)	
		Paraguay (9)	Guyana (50)	Mexico (7)		El Salvador (9)	
		Ghana (10)	Dominica (53)	Nicaragua (7)		Costa Rica (9)	
Roots & tubers	Other roots & tubers	Benin (1)	Trinidad & Tobago (13)	Ghana (1)	Jamaica (6)	United States (1)	Trinidad & Tobago (8)
		China (2)	Dominican Rep. (16)	China (2)	Dominican Rep. (8)	United Kingdom (2)	Jamaica (10)
		Egypt (3)	Jamaica (23)	Fiji (3)	St. Vincent & Grenad. (11)	New Zealand (3)	Grenada (14)
		Ghana (4)	Belize (32)	Costa Rica (4)	Suriname (26)	France (4)	Barbados (23)
		Cuba (5)	Antigua & Barbuda (41)	Panama (5)	Barbados (28)	Canada (5)	Antigua & Barbuda (26)
		Ethiopia (6)	Dominica (44)	Jamaica (6)	Dominica (31)	Taiwan (PoC) (6)	Saint Kitts & Nevis (26)
		Nigeria (7)	St. Vincent & Grenad. (46)	Brazil (7)	Saint Lucia (41)	Spain (7)	Belize (46)
		Côte d'Ivoire (8)	Barbados (58)	Dominican Rep. (8)	Guyana (51)	Trinidad & Tobago (8)	Bahamas (106)
		Solomon Is (9)	Guyana (64)	Ecuador (9)	Trinidad & Tobago (58)	Netherlands (9)	
		Papua New Guinea (10)	Suriname (77)	Colombia (10)		Singapore (10)	
Roots & tubers	Potatoes	France (1)	Dominica (88)	France (1)	Belize (54)	Belgium (1)	Jamaica (20)
		United States (2)	Saint Kitts & Nevis (115)	Egypt (1)	Trinidad & Tobago (69)	Italy (1)	Dominican Rep. (20)
		Germany (3)	Haiti (126)	Canada (3)	Dominican Rep. (98)	Spain (1)	Barbados (31)
		Netherlands (4)	Dominican Rep. (146)	Netherlands (4)		Netherlands (1)	Guyana (34)
		China (5)	Belize (147)	China (5)		Russian Federation (5)	Bahamas (39)
		United Kingdom (5)	Jamaica (147)	Israel (6)		Greece (5)	St. Vincent & Grenad. (39)
		India (5)		Germany (7)		Germany (5)	Trinidad & Tobago (56)
		Ukraine (8)		United States (8)		Iraq (8)	Antigua & Barbuda (56)
		Canada (9)		Iran (Islamic Rep.) (9)		United Kingdom (9)	Suriname (62)
		Belgium (9)		United Kingdom (10)		United States (10)	Dominica (62)
Roots & tubers	Sweet potatoes	Japan (1)	Barbados (40)	Israel (1)	Jamaica (8)	Netherlands (1)	Trinidad & Tobago (14)
		China (2)	Suriname (40)	China (2)	Dominican Rep. (9)	United Kingdom (2)	Grenada (27)
		Israel (3)	Jamaica (45)	United States (3)	Barbados (15)	France (3)	Jamaica (27)
		United States (3)	Trinidad & Tobago (47)	Viet Nam (4)	Suriname (29)	Canada (4)	St. Vincent & Grenad. (31)
		Indonesia (5)	Bahamas (52)	Indonesia (5)	St. Vincent & Grenad. (29)	Singapore (5)	Dominican Rep. (38)
		Egypt (6)	Antigua & Barbuda (53)	France (6)	Dominica (36)	Japan (6)	Antigua & Barbuda (57)
		India (7)	Saint Lucia (53)	Egypt (7)		United States (7)	Bahamas (76)
		Viet Nam (8)	Haiti (71)	Jamaica (8)		Belgium (8)	
		Angola (8)	Dominica (78)	Brazil (9)		Malaysia (9)	
		Uganda (10)	Dominican Rep. (83)	Honduras (9)		Germany (10)	

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
Spices	Cinnamon (canela)	China (1) Indonesia (2) Viet Nam (3) Madagascar (4) Sri Lanka (5) Dominica (5) Sao Tome & Principe (7) Seychelles (8)	Dominica (5)	Sri Lanka (1) Indonesia (2) China (3) Viet Nam (4) Brazil (5) Poland (6) Sierra Leone (7) Europe Othr. Nes (7) Jamaica (7) Nepal (10)	Jamaica (7) Dominica (15) Grenada (52)	Germany (1) Netherlands (2) Mexico (3) United States (3) United Arab Emirates (5) Singapore (6) Bangladesh (7) Canada (8) Denmark (9) Sweden (10)	Grenada (13) Suriname (22) Barbados (22) Trinidad & Tobago (29) Dominican Rep. (33) Jamaica (40) Antigua & Barbuda (44) Haiti (48) Bahamas (133)
	Ginger	Fiji (1) China (2) Taiwan (PoC) (3) India (4) Indonesia (5) Nepal (6) Ethiopia (7) Nigeria (8) United States (9) Bangladesh (10)	Dominica (12) Dominican Rep. (21) Jamaica (21) Saint Lucia (25)	Nigeria (1) China (2) Netherlands (3) India (4) Thailand (5) Brazil (6) Nepal (7) Ethiopia (8) Fiji (9) Taiwan (PoC) (9)	Dominican Rep. (13) Jamaica (23) Guyana (25) St. Vincent & Grenad. (27) Dominica (30) Trinidad & Tobago (37)	Malaysia (1) United States (2) United Arab Emirates (3) Netherlands (4) United Kingdom (5) Germany (6) Pakistan (7) Japan (8) Bangladesh (9) Singapore (10)	Suriname (13) Grenada (14) Barbados (15) Trinidad & Tobago (17) Saint Lucia (20) Antigua & Barbuda (26) Jamaica (26) Dominican Rep. (72) Bahamas (128)
	Nutmeg, mace, cardamons	Dominica (1) Indonesia (2) Guatemala (3) Nepal (4) Bhutan (5) India (6) Grenada (6) St. Vincent & Grenad. (8) Lao People's Democratic Rep. (9) Togo (10)	Dominica (1) Grenada (6) St. Vincent & Grenad. (8) Trinidad & Tobago (11) Saint Lucia (15)	Indonesia (1) Sri Lanka (2) Grenada (3) Brazil (4) Netherlands (5) India (6) Tanzania (7) Singapore (7) St. Vincent & Grenad. (9) Turkey (10)	Grenada (3) St. Vincent & Grenad. (9) Jamaica (17) Antigua & Barbuda (37)	Singapore (1) Germany (2) Viet Nam (3) India (4) Jamaica (4) Belgium (6) France (6) Brazil (8) Netherlands (9) United States (9)	Jamaica (4) Antigua & Barbuda (15) Barbados (15) Trinidad & Tobago (15) Belize (18) Dominica (21) Dominican Rep. (23) Grenada (27) Bahamas (136)
Other spices	Turkey (1) China (2) India (3) Mauritius (4) Kuwait (4) Vanuatu (4) Nepal (7) Ecuador (7) Syrian Arab Rep. (9) Bangladesh (9)	Dominica (19) Jamaica (23) St. Vincent & Grenad. (30) Dominican Rep. (33) Grenada (45) Saint Lucia (57)	Iran (Islamic Rep.) (1) India (2) France (3) Netherlands (4) Austria (5) Germany (6) Turkey (7) Spain (8) China (9) Pakistan (10)	Saint Lucia (38) Suriname (50) Jamaica (59) Trinidad & Tobago (71) Dominica (78) Guyana (87) Dominican Rep. (98) Barbados (102)	Germany (1) Netherlands (2) Belgium (2) France (2) United Kingdom (2) Spain (6) Saudi Arabia (7) United States (7) United Arab Emirates (9) Canada (10)	Jamaica (20) Grenada (22) Suriname (23) Saint Lucia (24) Trinidad & Tobago (28) Barbados (28) Guyana (28) Belize (32) St. Vincent & Grenad. (32) Saint Kitts & Nevis (34)	

Sector label	Industry label	Top 10 producers: Countries with the highest rank in the production index...		Top 10 exporters: Countries with the highest rank in the export index...		Top 10 markets: Countries with the highest rank in the market index...	
		... in the world	... in the Caribbean region	... in the world	... in the Caribbean region	... in the world	... in the Caribbean region
	Pepper, white/long/bl ack	Viet Nam (1)	Saint Lucia (34)	Viet Nam (1)	St. Vincent & Grenad. (26)	United Kingdom (1)	Guyana (6)
		Thailand (2)		Sri Lanka (2)	Jamaica (26)	Belgium (1)	Suriname (13)
		Brazil (3)		Brazil (3)	Guyana (32)	Poland (3)	Trinidad & Tobago (16)
		Indonesia (4)		Mexico (4)	Dominica (44)	Japan (4)	Grenada (17)
		Cambodia (5)		Indonesia (5)	Saint Lucia (59)	Malaysia (5)	Barbados (24)
		China (6)		Malaysia (6)	Trinidad & Tobago (84)	India (6)	Belize (24)
		Tajikistan (6)		India (7)	Dominican Rep. (89)	Guyana (6)	Dominica (28)
		Costa Rica (8)		Germany (8)	Belize (103)	Germany (8)	Saint Kitts & Nevis (29)
		Macau (9)		Ecuador (9)		Austria (9)	Saint Lucia (30)
		Sri Lanka (10)		China (10)		France (9)	Jamaica (32)
	Pimento, allspice	Hungary (1)	Grenada (21)	Peru (1)	Grenada (16)	Netherlands (1)	Jamaica (21)
		China (2)	Jamaica (21)	China (2)	Saint Lucia (29)	Germany (2)	Saint Lucia (29)
		Myanmar (3)		India (2)	Jamaica (32)	United Kingdom (2)	Dominican Rep. (36)
		Cape Verde (4)		Brazil (4)	Dominican Rep. (53)	Spain (4)	Haiti (37)
		Morocco (5)		Spain (5)	Trinidad & Tobago (94)	United States (5)	Trinidad & Tobago (37)
		Peru (6)		Chile (6)		Malaysia (6)	Barbados (37)
		India (7)		Tunisia (7)		Japan (7)	Belize (44)
		France (8)		Netherlands (8)		Rep. of Korea (8)	Suriname (46)
		Ethiopia (9)		Serbia & Montenegro (9)		Mexico (9)	Guyana (58)
		Zambia (10)		Myanmar (10)		Thailand (10)	Grenada (67)

Source: FAOSTAT, ITC's TradeMap and Market Access Map.