

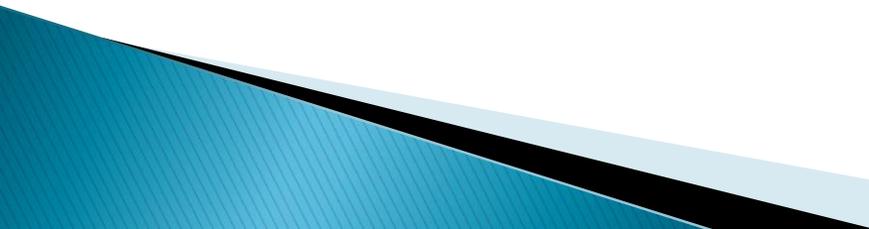
FAO/UNFPA Guidelines Integrating Population and Housing Census with Agricultural Censuses

Port of Spain
Trinidad and Tobago
10th – 12th June, 2013

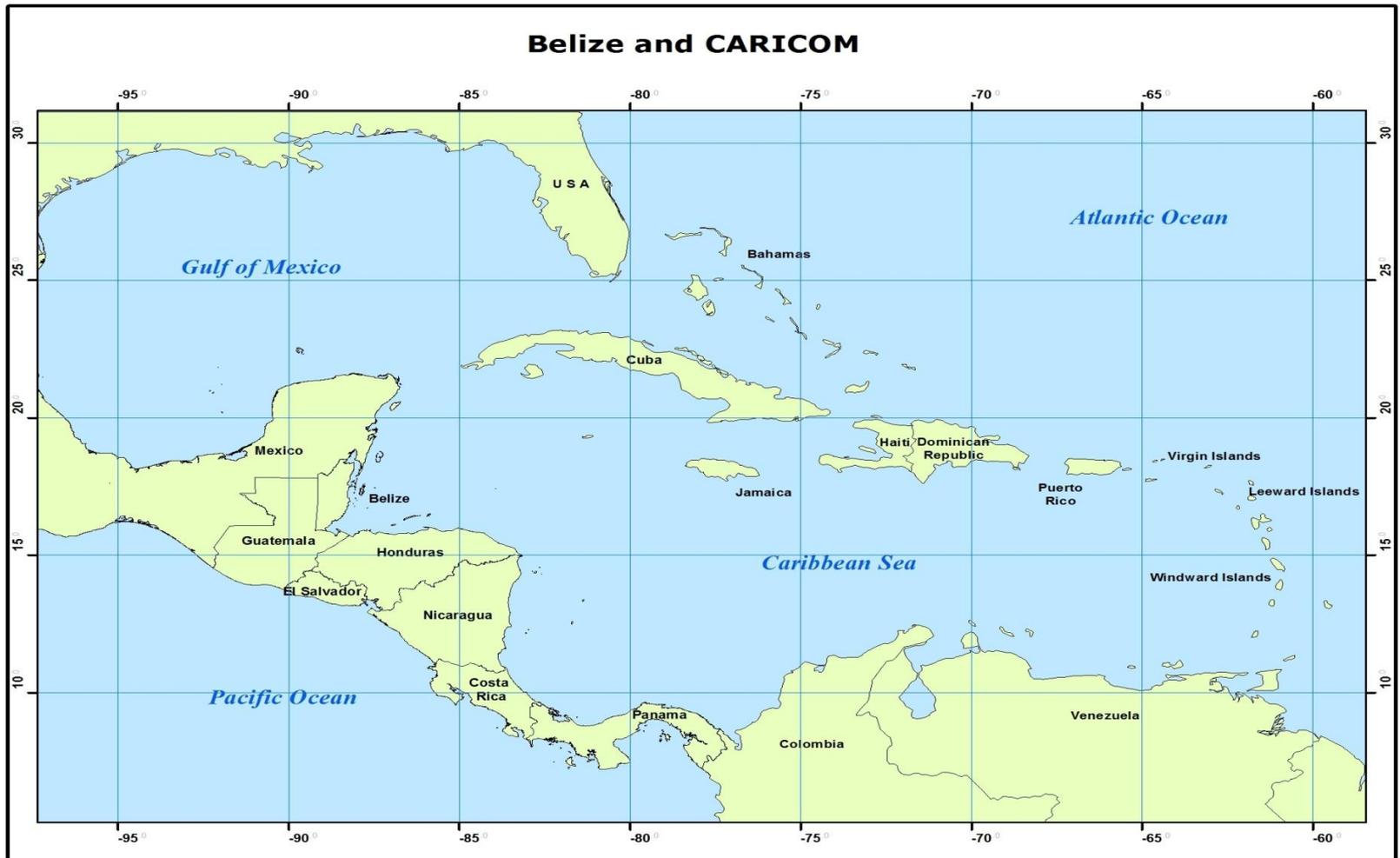
Belize Agricultural Statistical System

Prepared by:
Phillip Tate
Agriculture Statistician II
10th – 12th June, 2013
Port of Spain, Trinidad and Tobago

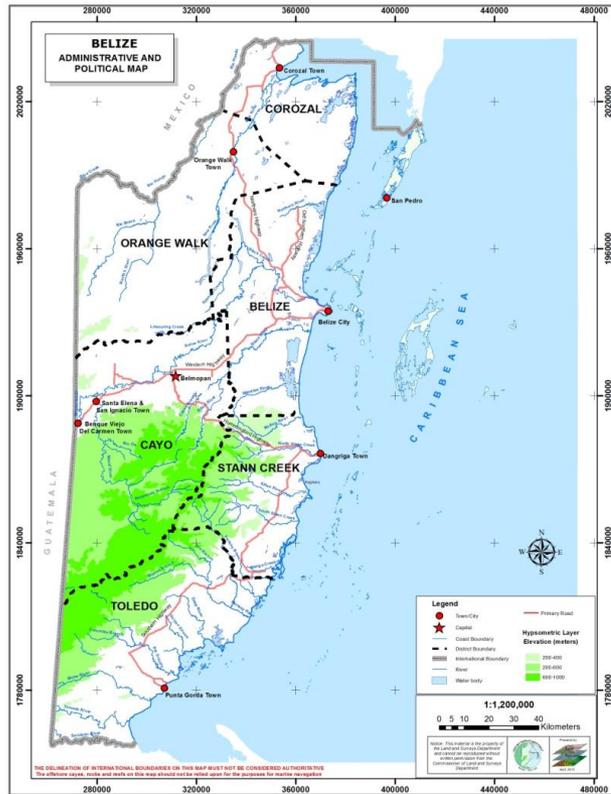
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- 

BELIZE and CARIFORUM



Belize Background Information and Data



- ▶ 8,867 Sq Miles
- ▶ 22,965 Sq Km
- ▶ 5,674,880 Acres (Land)
- ▶ 6 Districts
- ▶ 195 Villages
- ▶ 313 (ALL) + Communities

Map of Belize

Information

Belize Background Data and Information

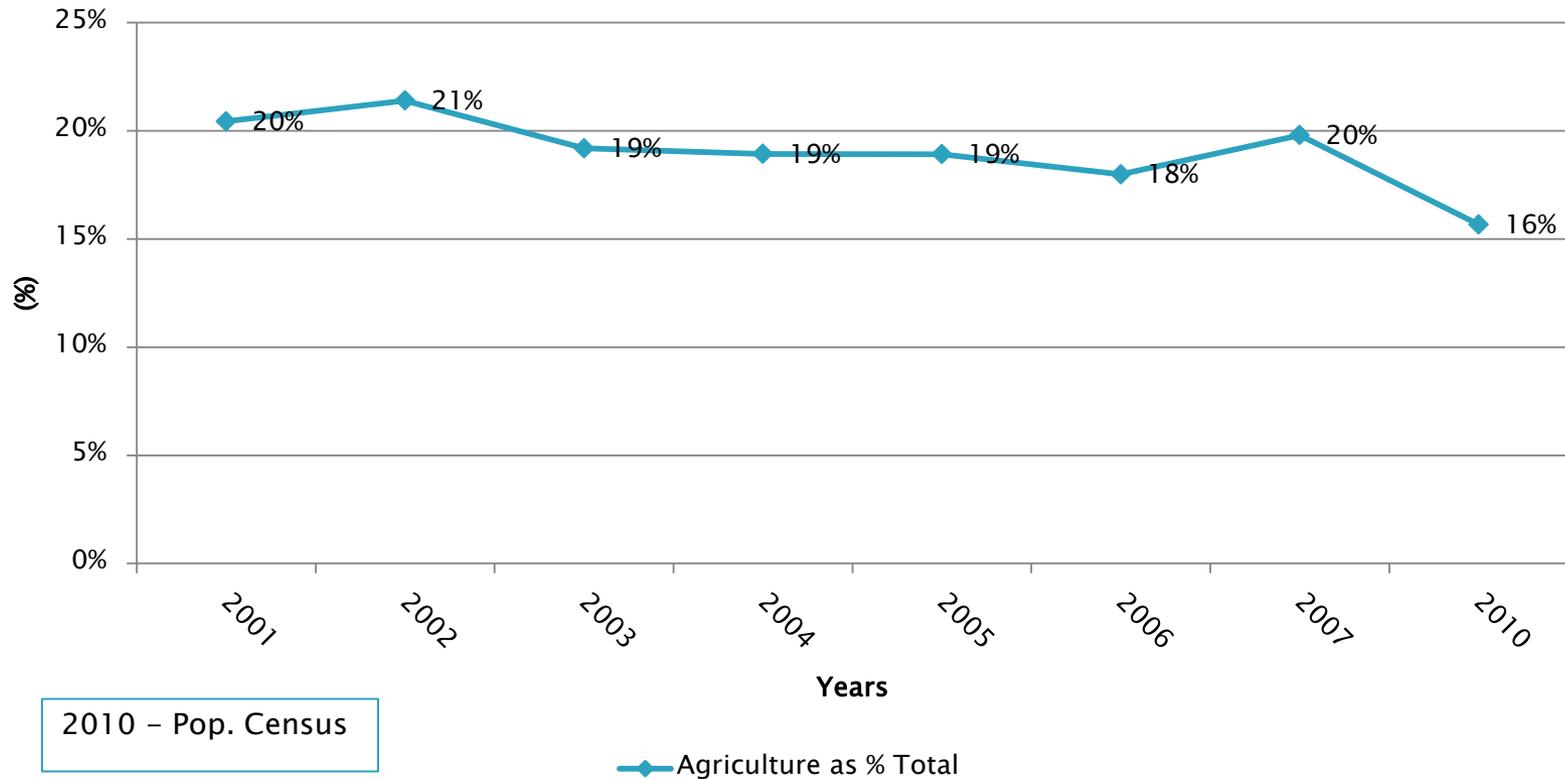
▶ GDP 2012

Year	GDP in Current Prices (Mill. Bz\$)	GDP in Constant Prices (Mill. Bz\$)
2009	2,678.4	2,377.1
2010	2,784.0	2,441.9
2011	2,961.7	2,489.0
2012	3,158.9	2,620.6

Source: Statistical Institute of Belize (SIB)

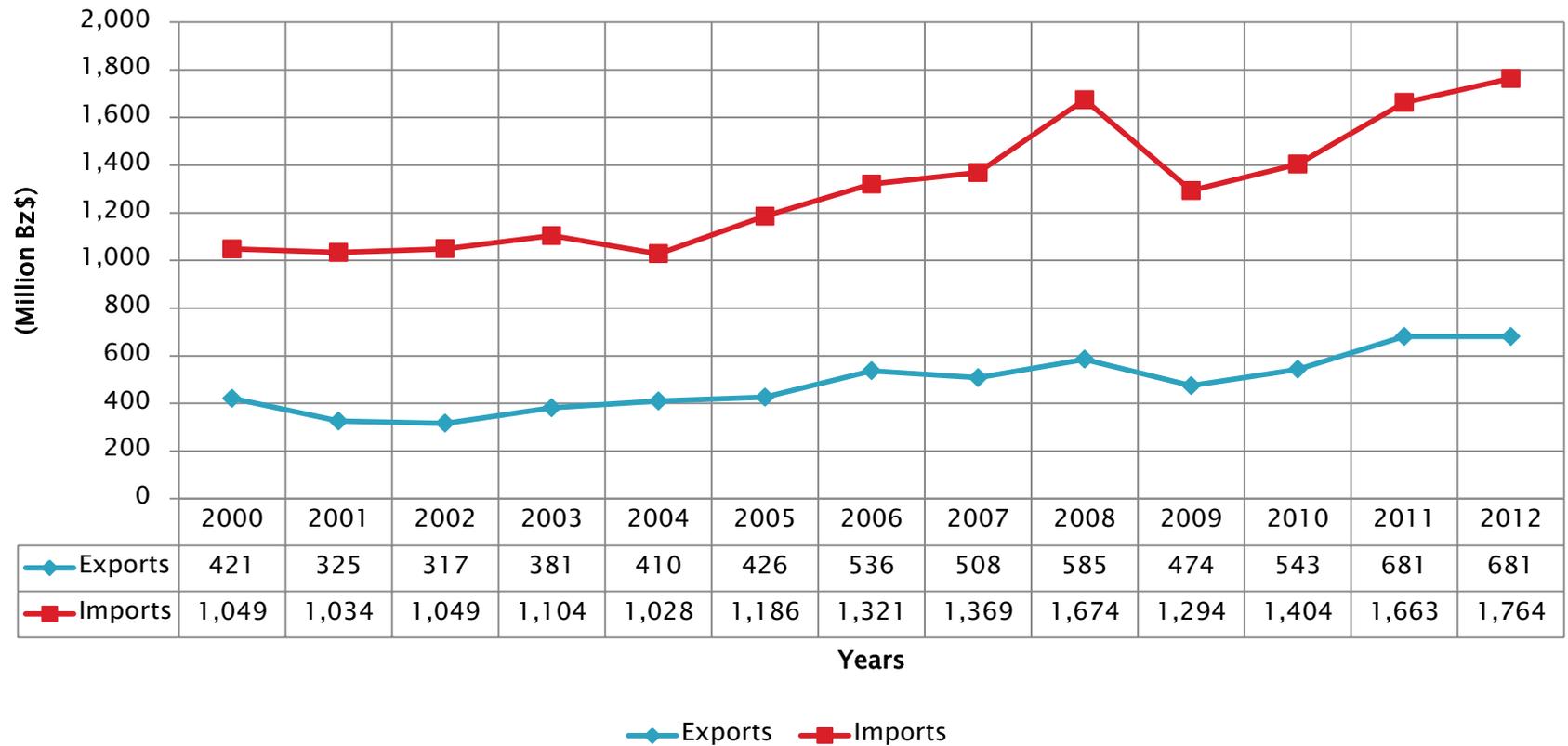
Labour Force Survey (LFS)

Agriculture LFS as % Total

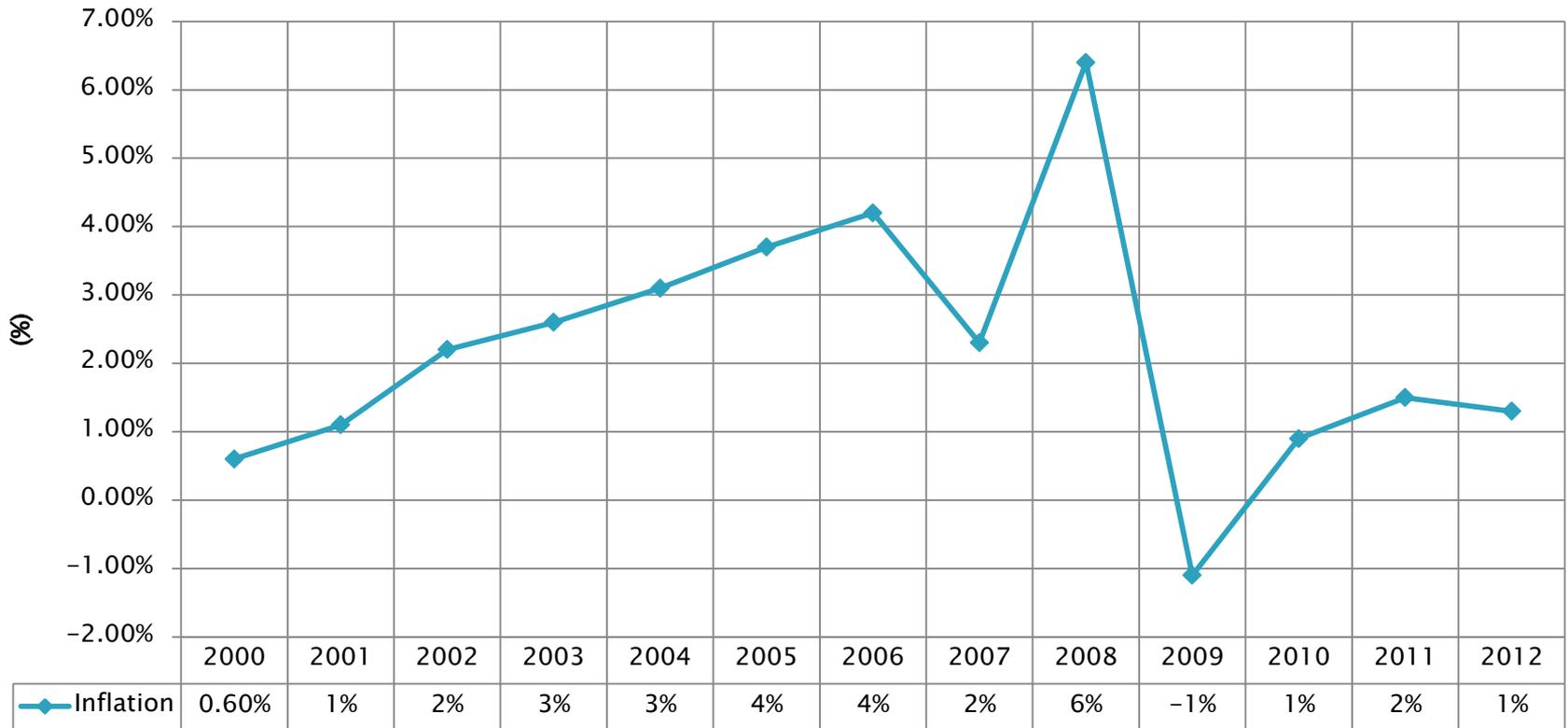


Exports and Imports

Total Imports and Exports 2012

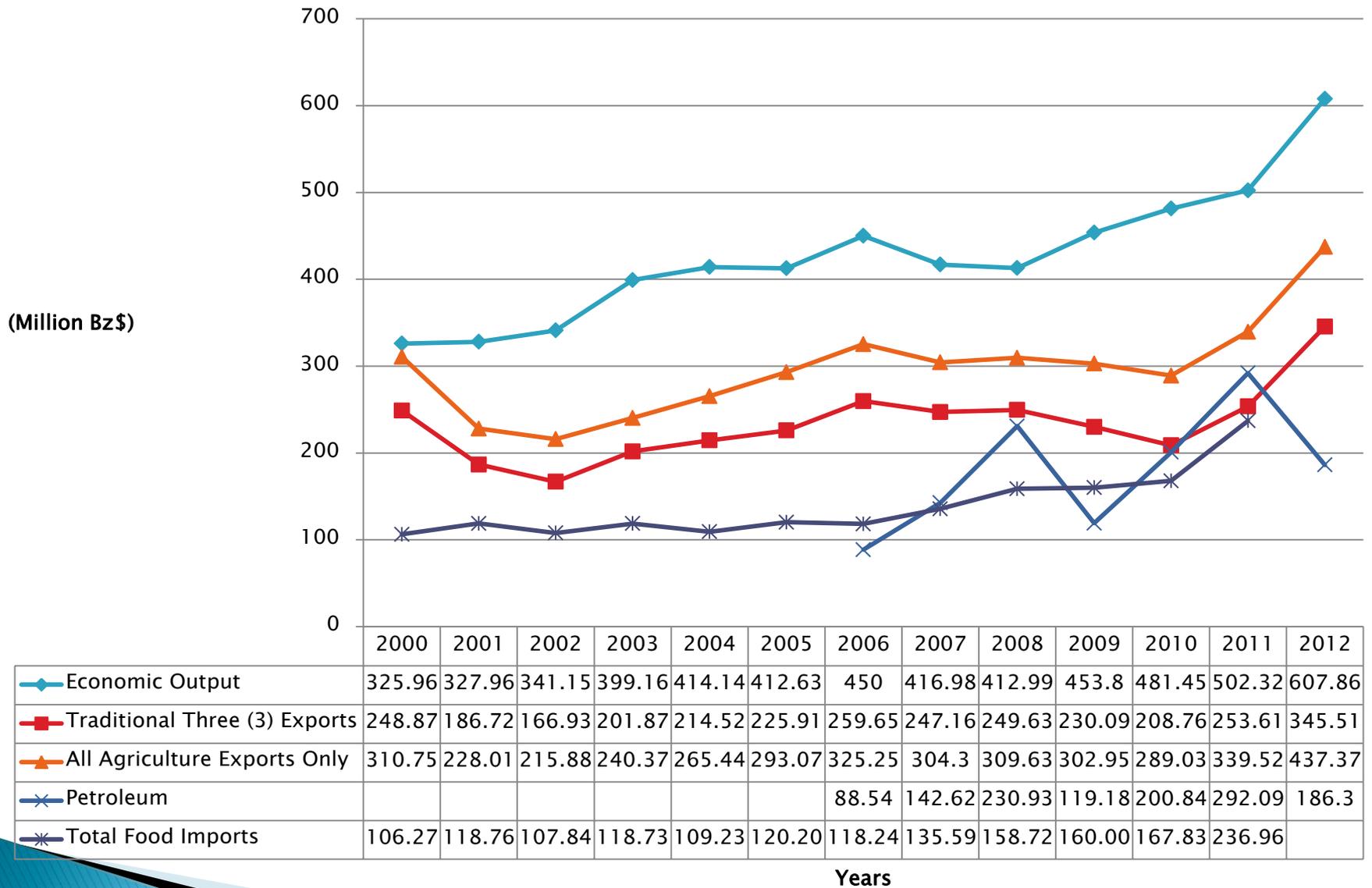


Inflation



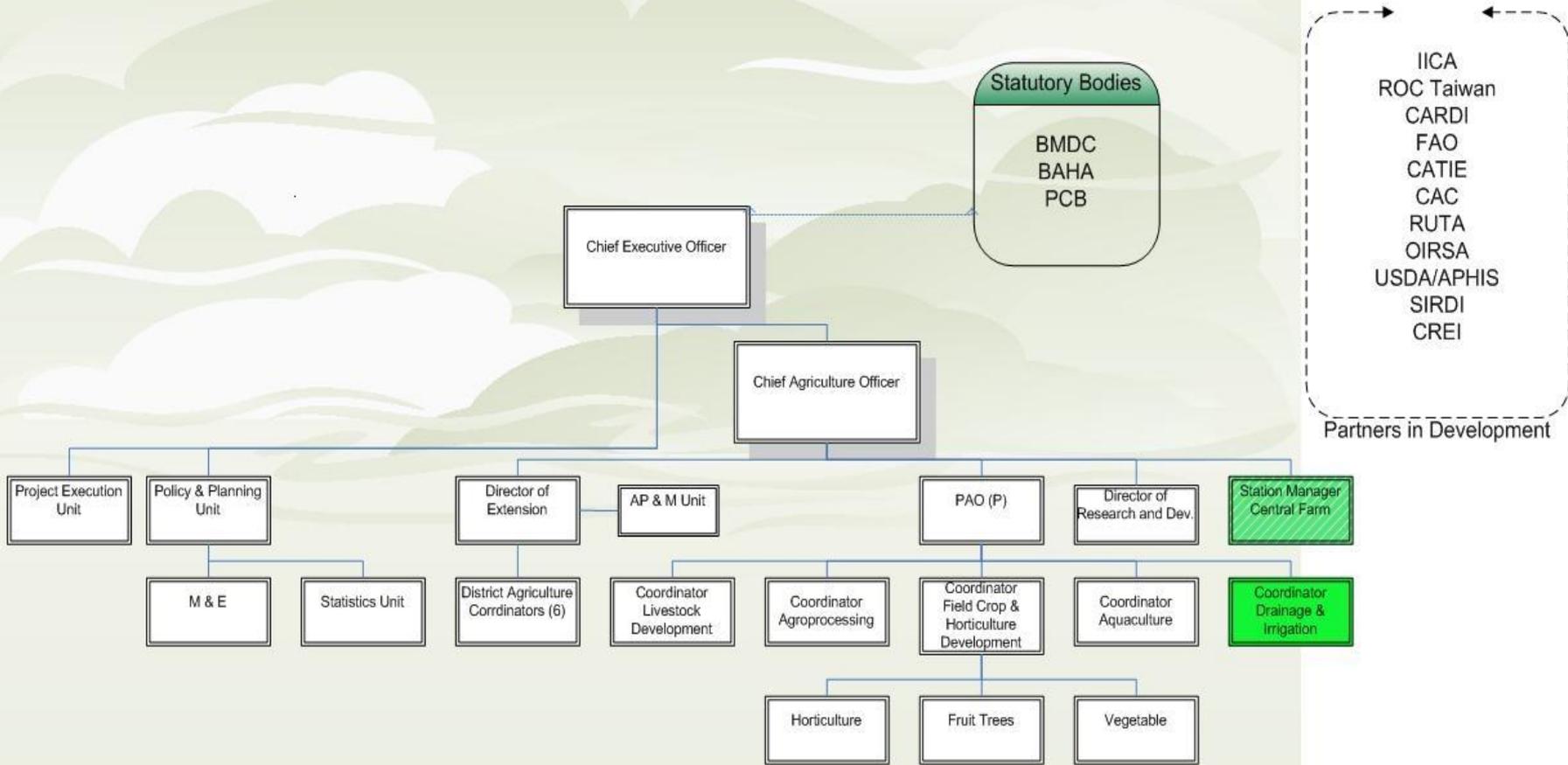
—◆— Inflation

Agriculture and Petroleum Export 2000 – 2012



Ministry of Natural Resources and Agriculture (MNRA)

Ministry of Natural Resources & Agriculture



Thematic Areas

- ▶ Crops
- ▶ Livestock
- ▶ Extension
- ▶ Agro-processing
- ▶ Policy and Planning
- Statistics
- ▶ Research and Development
- ▶ Technical Staff (Research)
- ▶ Extension Officers
- ▶ Census Data
- ▶ Population and Housing Data

Census 2011

Belize Census Data Collection

- ▶ (2) Coordinators
- ▶ 22 Extension Officers/6 Cooperative Officers
- ▶ 6 District Agriculture Coordinators
- ▶ (6) Six Districts
- ▶ 168 Enumerators
- ▶ Started – 1st February – 31st August, 2011
- ▶ Coding and Verification
- ▶ Scanned Questionnaires (St. Lucia)
- ▶ Verification Questionnaires
- ▶ Cleaning of the Database

Belize Agriculture Census Issues

- ▶ Pilot Training
 - ▶ Training of Supervisors – (Extension Officers)
 - ▶ Temporary Staff
 - ▶ Training of Enumerators – Lag Time
 - ▶ Payment of Enumerators
- 

Belize Agriculture Census Issues (Cont'd...)

- ▶ Total Funds Available
 - ▶ SIB Questionnaires
 - ▶ Coordination (Supervisors)
 - ▶ Transportation
 - ▶ No Maps were used
 - ▶ GIS System (LIC)
- 

Agricultural Census and Survey

- ▶ Need for the Censuses and Surveys
 - ▶ Agriculture Census – 1984/85
 - ▶ Belize Farm Registry – 2002; 2003
 - ▶ Belize Agriculture Census 2011; Pending
 - ▶ Completed and Clean Database
 - ▶ Waiting the Results
 - ▶ Publication
- 

Belize Agriculture Census Data

Screening Question:

- ▶ Grow more than 0.5 acre of crops
- ▶ Own 2 or more head of cattle or 5 or more sheep, goats, pigs
- ▶ Own 10 or more chickens, ducks, turkeys, geese
- ▶ Have any aquaculture ponds for farming fish
- ▶ Have more than 0.5 acre of fallow farmland and/or pasture land
- ▶ Have 10 or more bearing fruit trees
- ▶ Have 10 or more bee colonies

Section 3: Agriculture

3.1 – Do you or any member of your household own or lease any land that is currently being used, or is intended for farming?

3.2 – Do you or any member of your household engage in any of the following agricultural activities?

Agriculture

SIB – Questions

Belize Agriculture Census Data Cont'd

Districts	2002	2010	2011	2010	2010
			Current	Q.1 (Updated)	Q.2 (Updated)
	BFR/MAF	SIB Census	BAC/2011		
Corozal	2,066	4,215	5,473	4,298	2,710
Orange Walk	2,164	4,409	4,958	4,538	3,036
Belize	619	2,657	833	2,920	2,271
Cayo	1,512	5,220	3,220	5,360	3,465
Stann Creek	955	2,004	1,768	2,095	1,692
Toledo	2,381	3,946	2,984	4,032	3,122
Total	9,697	22,451	19,236	23,243	16,296
			3,215	4,007	
Source: SIB	MNRA				

Methodology/Systemic Issue

- ▶ Methodology
 - ▶ Extension Service
 - Training
 - Support
 - ▶ Understanding (Why)
 - ▶ Commitment
 - ▶ Transportation (National, Village)
- 

Population and Agriculture Census Linkages

- ▶ Cost
 - ▶ Time
 - ▶ Resources (Human and Financial)
 - ▶ Efficiency
 - ▶ Planning
 - ▶ Coordination
 - ▶ Technology
 - ▶ NSDS (Country Assessment)
- 

Other Issues

- ▶ Politics
 - ▶ Need for Statistics / Data
 - ▶ Planning
 - ▶ Efficiency
 - ▶ Funds / Cost
 - ▶ Monitoring and Evaluation (M&E)
 - ▶ Statistical Institute of Belize (SIB)
 - Focal Point Statistics
- 

Conclusions

- ▶ Priority (Statistics)
 - ▶ Commitment (Collecting, Analyzing and Dissemination)
 - ▶ Additional Resources (Human and Financial)
 - ▶ Analysis (Shared Data)
 - ▶ Agricultural Reports (Production, Prices etc.)
 - ▶ Monitoring and Evaluation
 - Projects
 - Planning
 - ▶ Last Week Meeting
- 

**Thanks Very Much for your
attention !!!**

Questions!! Comments!!