

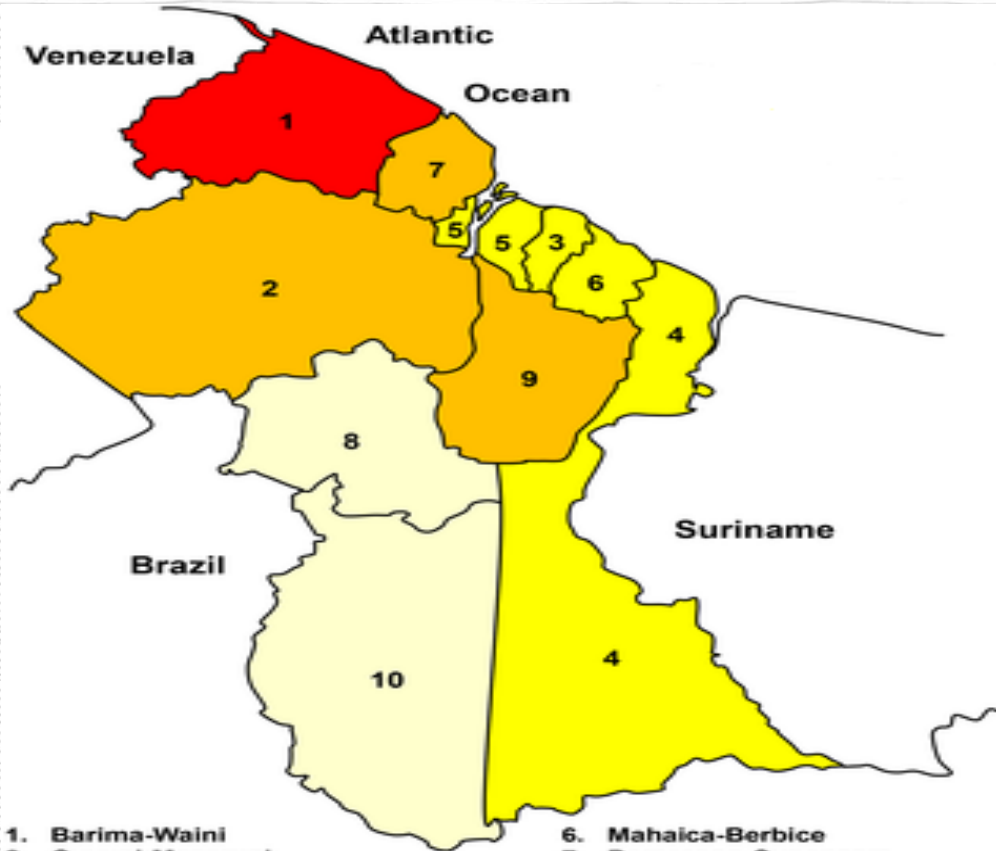
# INTERRELATIONSHIP OF SUPPLY CHAIN-ACCESS AND RATIONAL USE: GUYANA EXPERIENCE

## INFLUENCES OF SUPPLY CHAIN ON ACCESS TO MEDICAL PRODUCTS AND RATIONAL USE

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## GUYANA MAP BY REGIONS



1. Barima-Waini
2. Cuyuni-Mazaruni
3. Demerara-Mahaica
4. Berbice Oriental-Courantyne
5. Essequibo-Demerara
6. Mahaica-Berbice
7. Pomeroon-Supenaam
8. Potaro-Siparuni
9. High-Demerara-Berbice
10. High-Takutu-High-Essequibo

### GUYANA

Population: 783,525

Language: English

Location: Northeastern  
Coast of South America

Main Exports: Gold,  
Timber

Total expenditure on  
health as% of GDP :  
5.4% (2012)

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## INTRODUCTION



- ❖ Public sector drug supply system provides unbroken **access** to safe and efficacious medicines and other health commodities → Sustainable Development Goal # 3 and to ensure rational use of these commodities.
- ❖ To meet this goal, the GOG in collaboration with PAHO/WHO, USAID has invested and continues to invest heavily in strengthening the Public Health supply chain.
- ❖ The Public Health supply chain, though becoming stronger still faces a number of challenges.
- ❖ Supply chain management of the Public Health Supply Chain is based on a logistics cycle developed by GOG in collaboration with USAID.
- ❖ The processes within this cycle impacts directly on the supply chain and also on access and rational of meds etc. Conversely, supply chain issue also impact access and rational use.
- ❖ Multiple challenges exist in the area of **rational** medicines use, but strategies to address managerial, educational and regulatory factors that may be influencing these challenges are under discussion.

# OBJECTIVES

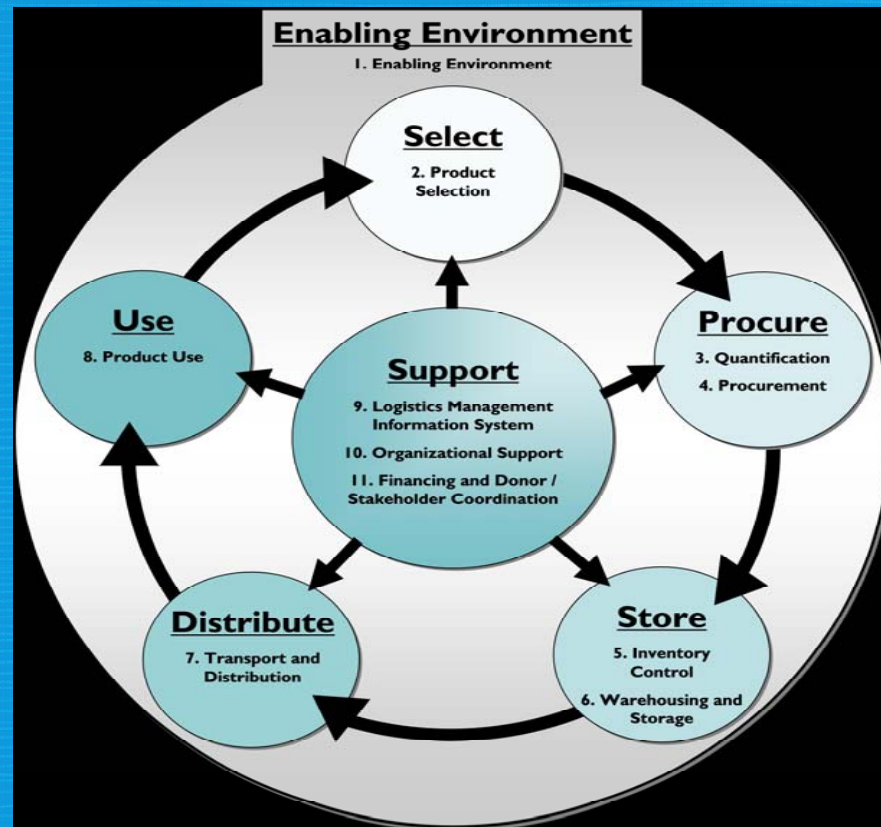


- To Discuss inter play between supply chain, access, and rational drug use.
- To Share and discuss challenges identified and interventions made.

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# GUYANA LOGISTICS CYCLE

Compliments Ministry of Public Health, Guyana and USAID



# INFLUENCE OF SUPPLY CHAIN PROCESSES ON ACCESS AND RATIONAL USE

## ■ Select\*

- ✓ Product Selection – Some suppliers have a difficulty sourcing older generations of medicines
- ✓ STGs available
- ✓ Outdated meds on the EML
- ✓ EML needs updating

## ■ Store

- ✓ Inventory Control – (Internal Issues) hinges on warehouse
- ✓ warehousing and Storage – overstocked warehouse and sometimes, under stocked needed items

## ■ Procure\*

- ✓ Quantification – lack of accurate documentation, incorrect consumption data, incorrect quantification
- ✓ Procurement – Ineffective contract management, poor information flow and product visibility

## ■ Distribute\*

- ✓ Transport and Distribution – suboptimal order fulfillment, long turn around time, unreliable transportation service.

## ■ Use\*

- ✓ Product Use – This hinges on physicians choice & product availability establish STG's

## ■ Support

- ✓ Logistics management information system- An Establish unit to deal with : forecasting, quantification information management
- ✓ Organizational Support -MOPH
- ✓ Financing and Donor/Stakeholder Coordination-MOPH, Communities and Finance

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# IMPACT OF SUPPLY CHAIN ISSUES ON ACCESS AND RATIONAL DRUG USE

USE

- Registration: required for procurement, but affects access and rational use
- The use of alternate or second line therapeutic options



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## CURRENT INTERVENTIONS



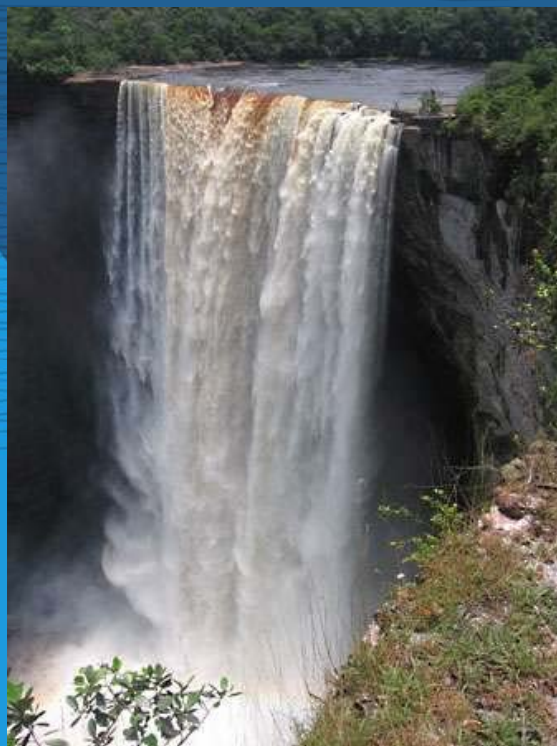
- Revision of laws to strengthen the regulatory functions
- Development and implementation of a National Medicine Policy
- Procurement Unit established and capacity building is ongoing in areas of concern e.g. contract management
- With the support of the USAID, a last mile distribution project has been implemented, to improve the distributions within regions.



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