



CARIBBEAN STATISTICS DAY

“BETTER STATISTICS, BETTER MANAGEMENT, BETTER DEVELOPMENT OUTCOMES”



Caribbean Community (CARICOM) Secretariat In Collaboration with The United Nations (UN)

15th OCTOBER 2009



CRUDE BIRTH RATE

The Crude Birth Rate is defined as the number of live births per 1000 population in a given year usually the mid-year population.

A Live birth is defined as the complete expulsion or extraction from its mother of a product of conception irrespective of the duration of the pregnancy which after such separation breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles...

$$\text{Crude Birth Rate (CBR)} = \frac{\text{Number of Births}}{\text{Estimated Total Mid-Year Population}} \times 1000$$



CARICOM

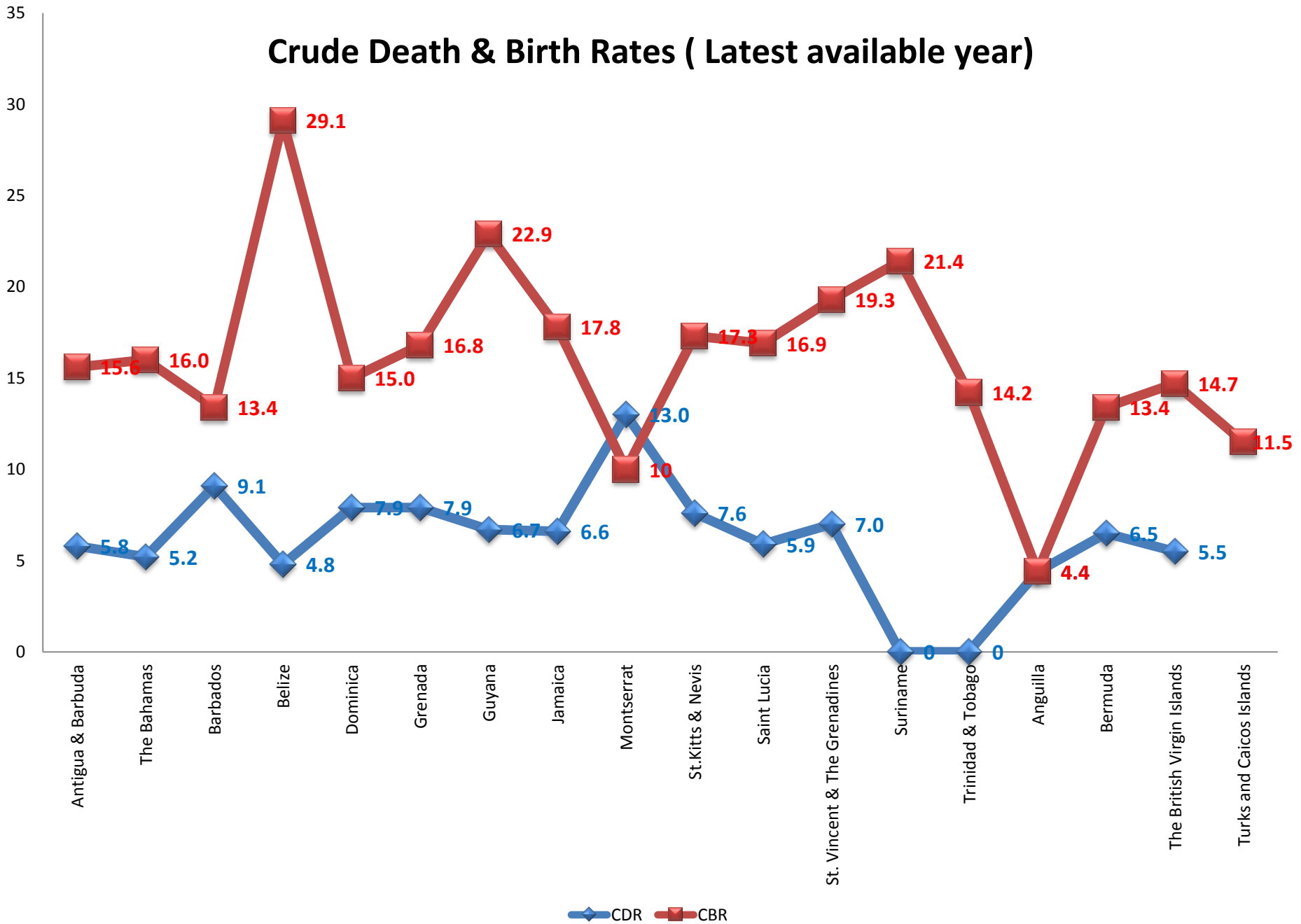
CRUDE DEATH RATE

The Crude Death Rate is defined as the number of deaths in a year per 1000 population, usually the mid-year population

A death is the permanent disappearance of all evidence of life at any time after live birth has taken place (post-natal cessation of vital functions without capability of resuscitation). This definition therefore excludes foetal deaths or still births.

$$\text{Crude Death Rate (CDR)} = \frac{\text{Number of Deaths}}{\text{Estimated Total Mid-Year Population}} \times 1000$$

Crude Death & Birth Rates (Latest available year)



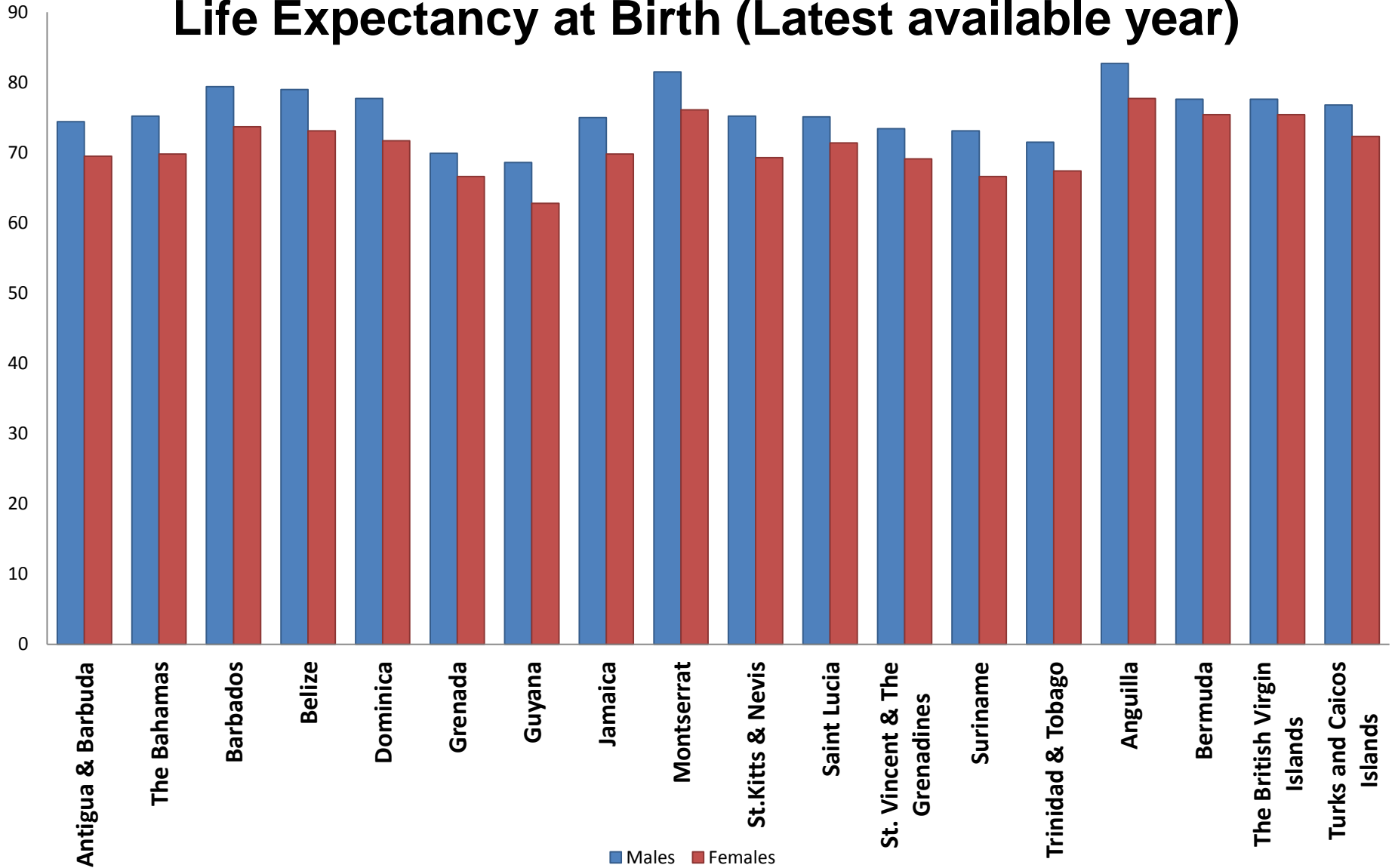


LIFE EXPECTANCY AT BIRTH

Life Expectancy is the average number of years of life that males and females can be expected to live according to the age specific death rates prevailing at a given point in time. Usually life expectancy is measured at birth representing the average number of years a newborn baby is expected to live given the prevailing death rates.

This indicator is compiled from information on births and deaths and is usually derived from a life table, which is a statistical model designed primarily to measure mortality, survivorship and life expectancy.

Life Expectancy at Birth (Latest available year)





CARICOM

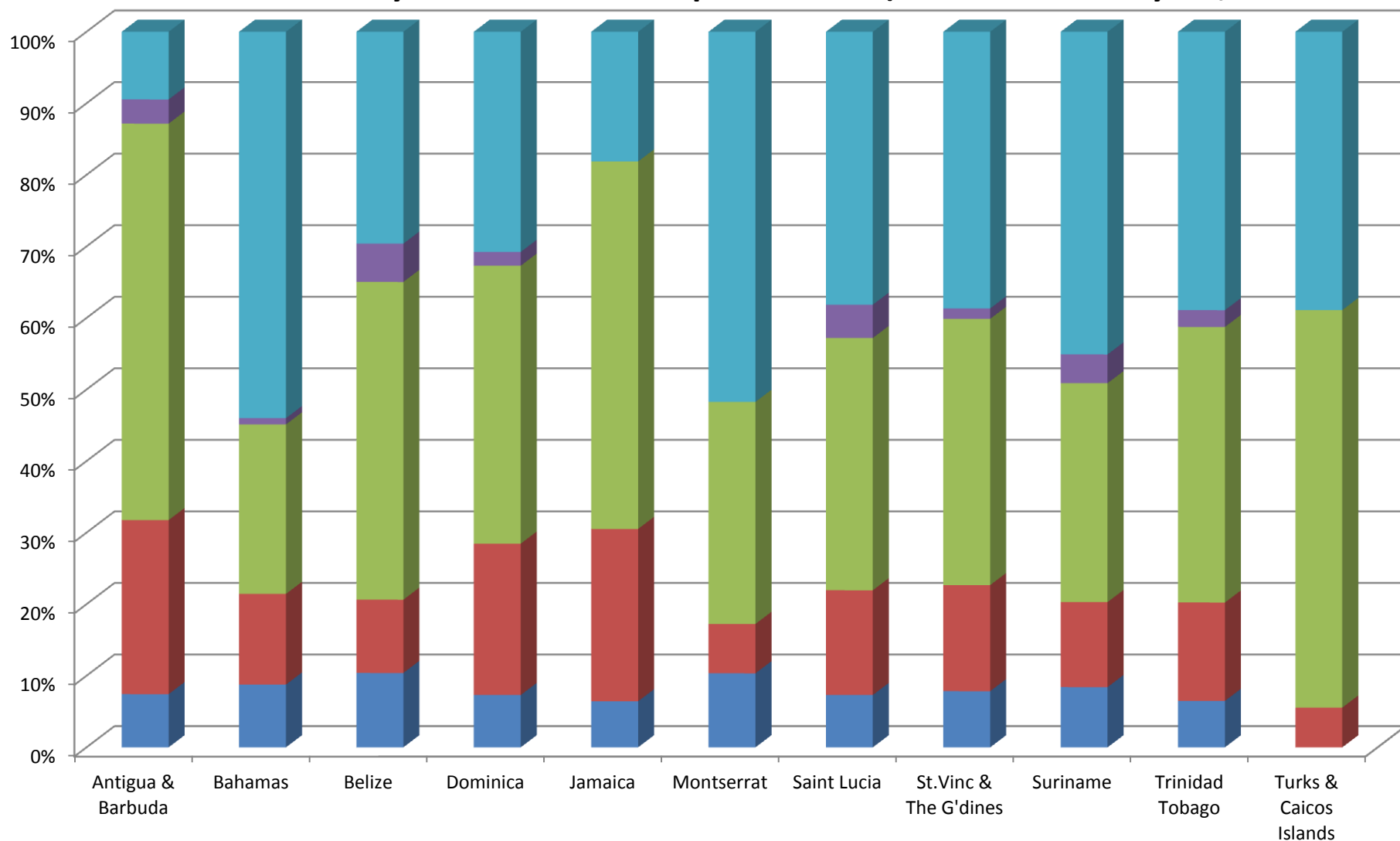
DEATHS BY BROAD AGE GROUP

The number of deaths by broad cause group is the number of registered deaths classified by each broad cause of death group as contained in the International Classification of Diseases -ICD-10.

The concept of cause of death used in these graphs is that of the *underlying cause* of death which is defined as the disease or injury which initiated the train of morbid events leading directly to death or the circumstances of the accident or violence which produced the fatal injury.

$$\text{Cause Specific Death Rate} = \frac{\text{Number of Deaths by cause}}{\text{Population}} \times 10,000$$

Deaths by Broad Cause Group – Females (Latest available year)



■ COMMUNICABLE DISEASES

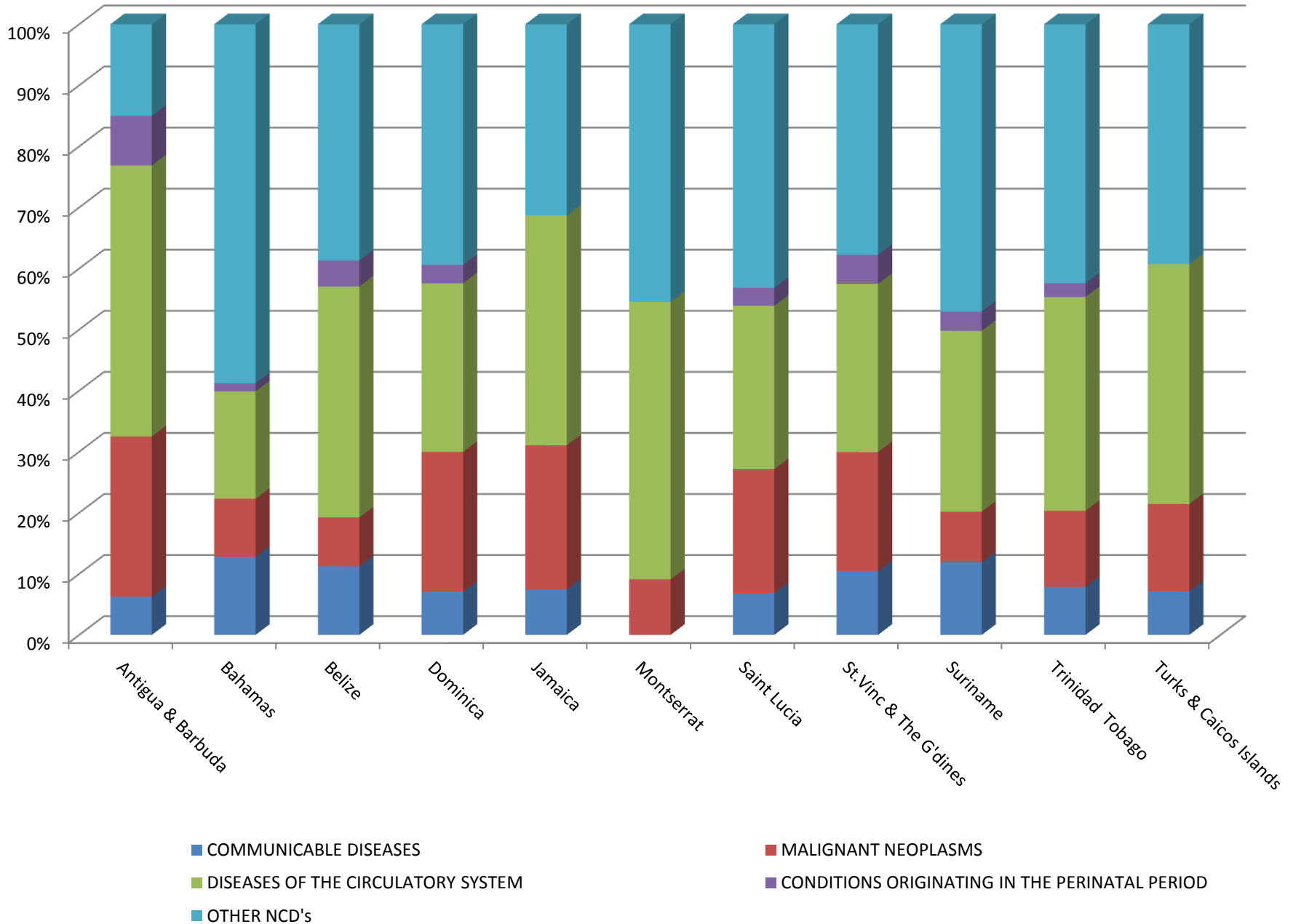
■ DISEASES OF THE CIRCULATORY SYSTEM

■ OTHER NCD's

■ MALIGNANT NEOPLASMS

■ CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

Deaths by Broad Cause Group – Males (Latest available year)



THANK YOU

