



**Pan American
Health
Organization**



**World Health
Organization**

REGIONAL OFFICE FOR THE **Americas**

The role of Health Institutions in collecting death and cause of death

**Workshop on the Principles and Recommendations for a Vital Statistics
System, Revision 3, for Caribbean Countries**

Port of Spain, December 1-4, 2015

Presenter: Dr. Vilma Gawryszewski (PAHO/CHA/ Health Information & Analysis)



Contents

- **Vital statistics - Regional Mortality System**
- **E-learning tools on PAHO Virtual Campus: for medical doctors, coders.**
- **ICD -11: participation on the field testing.**



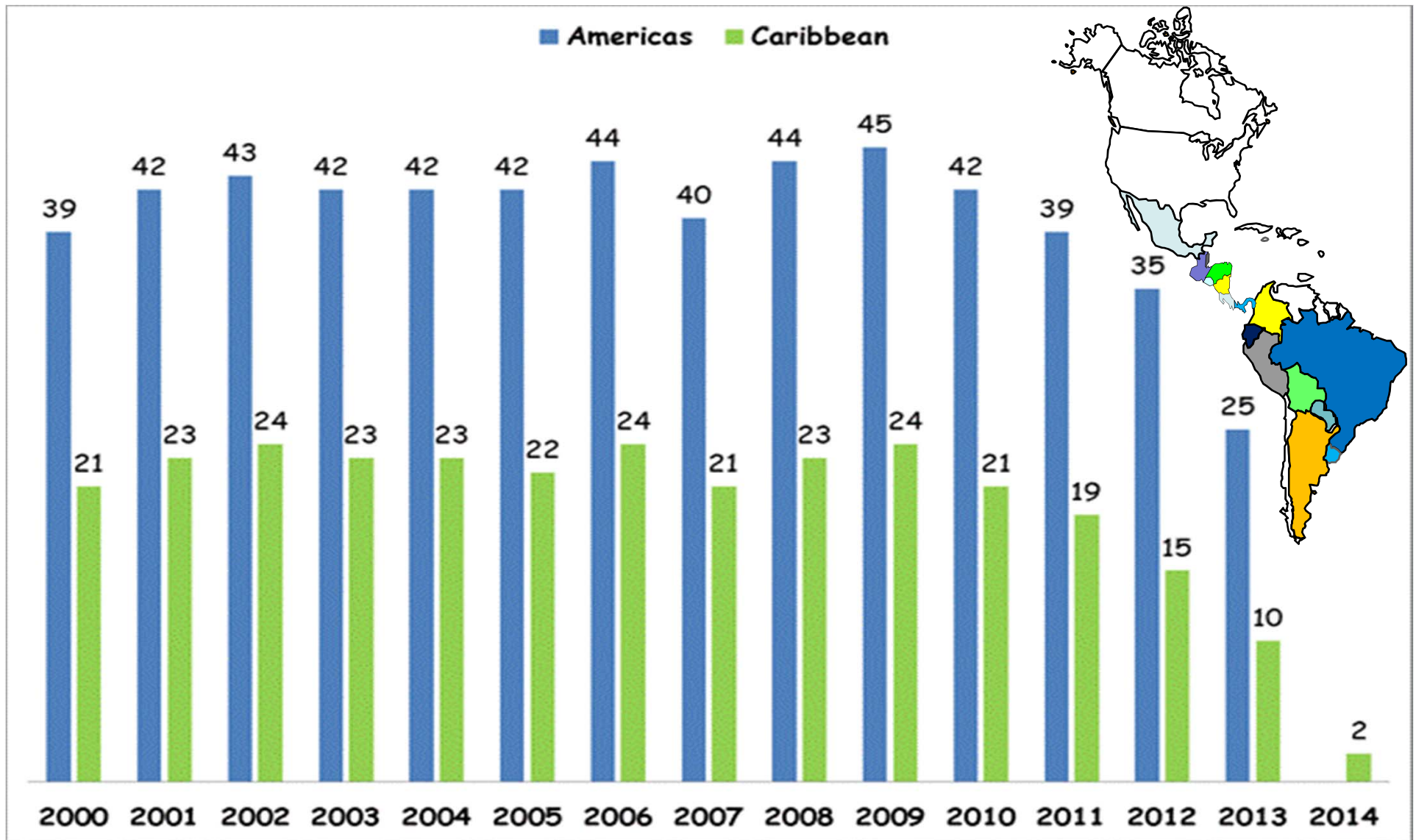
Pan American
Health
Organization



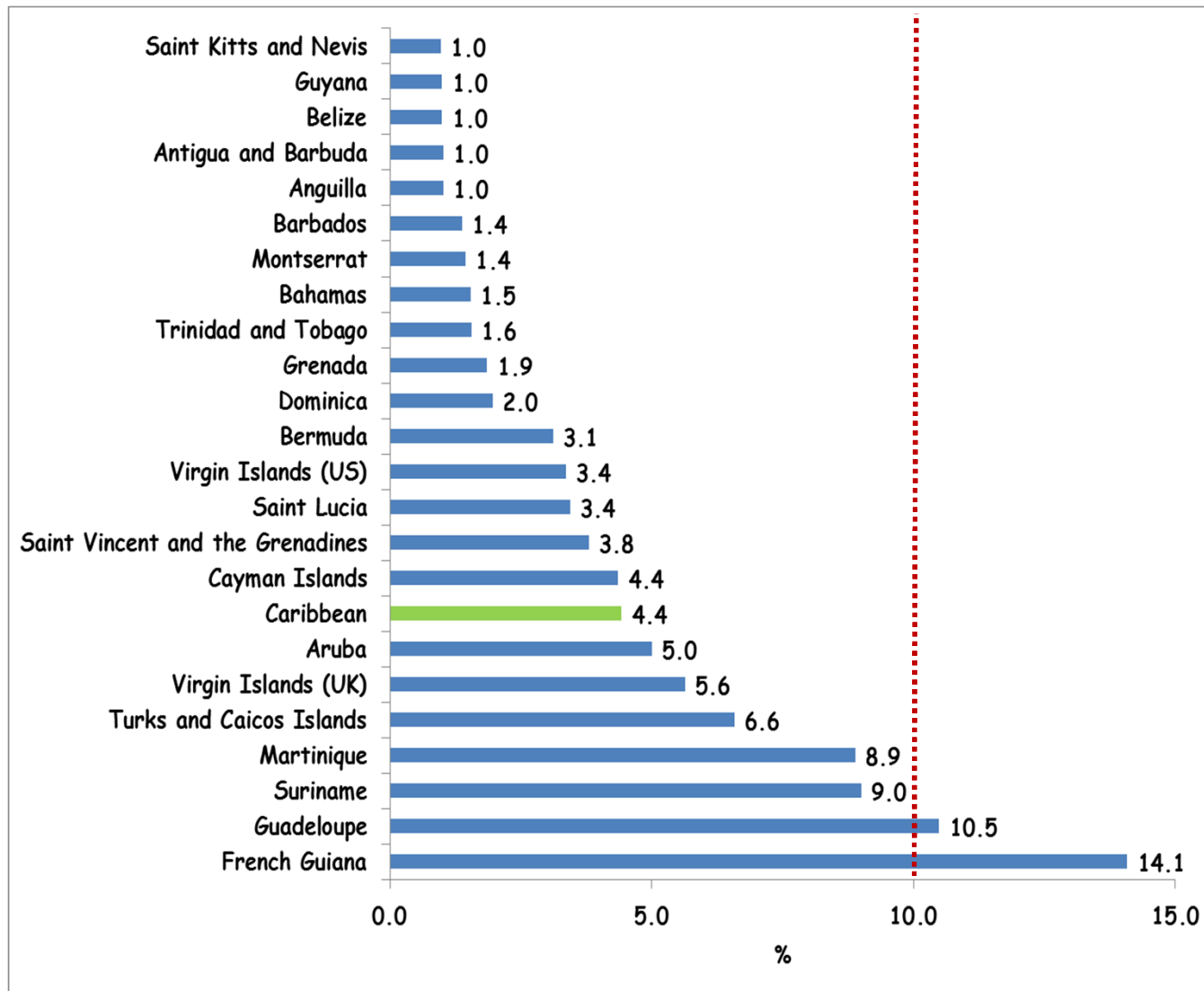
World Health
Organization

REGIONAL OFFICE FOR THE
Americas

PAHO/WHO Regional Mortality System: number of countries 2000-latest year available



Proportion of ill-defined deaths. Caribbean countries, triennium 2009-2011



Source: PAHO/WHO Regional Mortality System (update in July 2015)

Virtual course on properly completing death certificate



Virtual course
on properly
completing
Death Certificates

RELAC SIS
LATIN AMERICAN AND CARIBBEAN
NETWORK FOR STRENGTHENING
HEALTH INFORMATION SYSTEMS

Logos: Pan American Health Organization, World Health Organization Americas, USAID, MEASURE Evaluation, Canada, CEPIS, CARPHA



 Latest news

Course

-  Course contents
-  Course
-  Test

Virtual course on properly completing death certificate

- Objective: improve the knowledge of the adequate completion of a death certificate and its importance in the decision making process in health.
- Format: it is a self-learning virtual course, available at PAHO Virtual Campus for Public Health.



Pan American
Health
Organization



World Health
Organization

REGIONAL OFFICE FOR THE Americas

Virtual course on properly completing death certificate

- How to access: participants have to register on the virtual campus to receive user ID and password. The course can be accessed from any computer or mobile device.
- Time period: the course takes approximately 3 hours or can be taken over a period of time, accordingly to the availability of each participant.



Pan American
Health
Organization



World Health
Organization

REGIONAL OFFICE FOR THE Americas

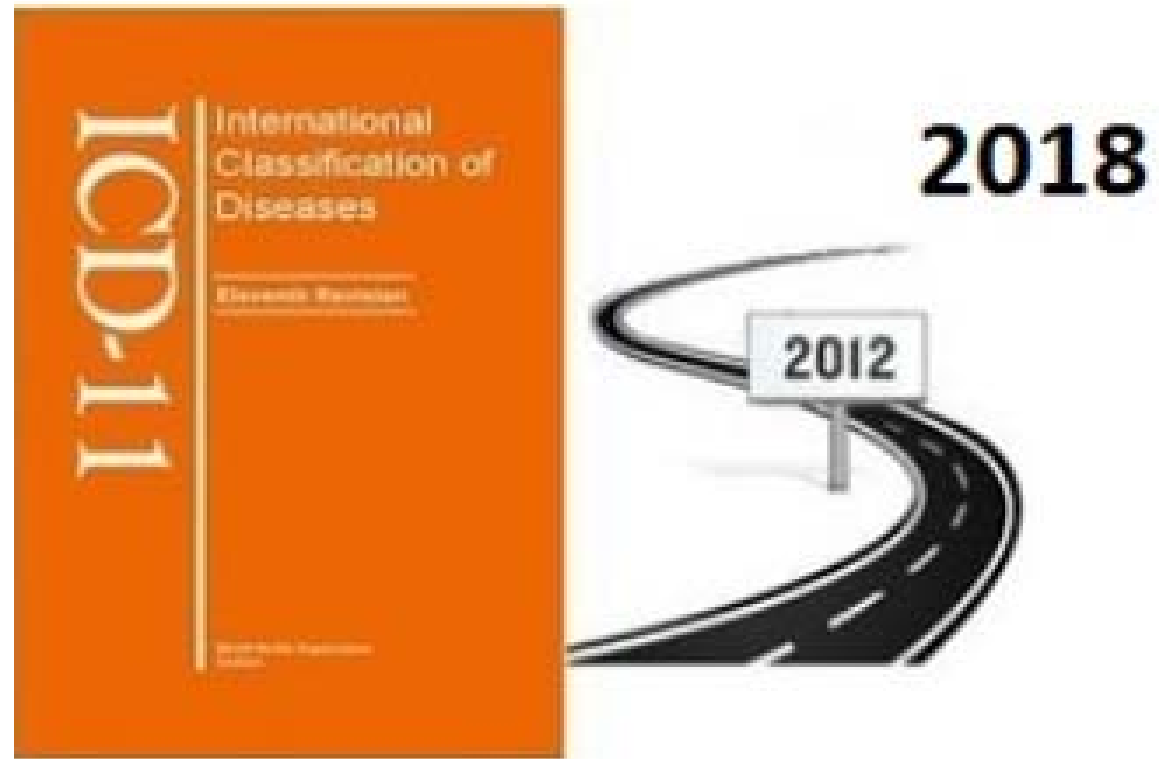


- The course is available in Spanish and English through the virtual campus of PAHO:
<http://cursos.campusvirtualsp.org/?lang=en>



- The French version will be launched by the end of 2015

ICD 11 Field testing

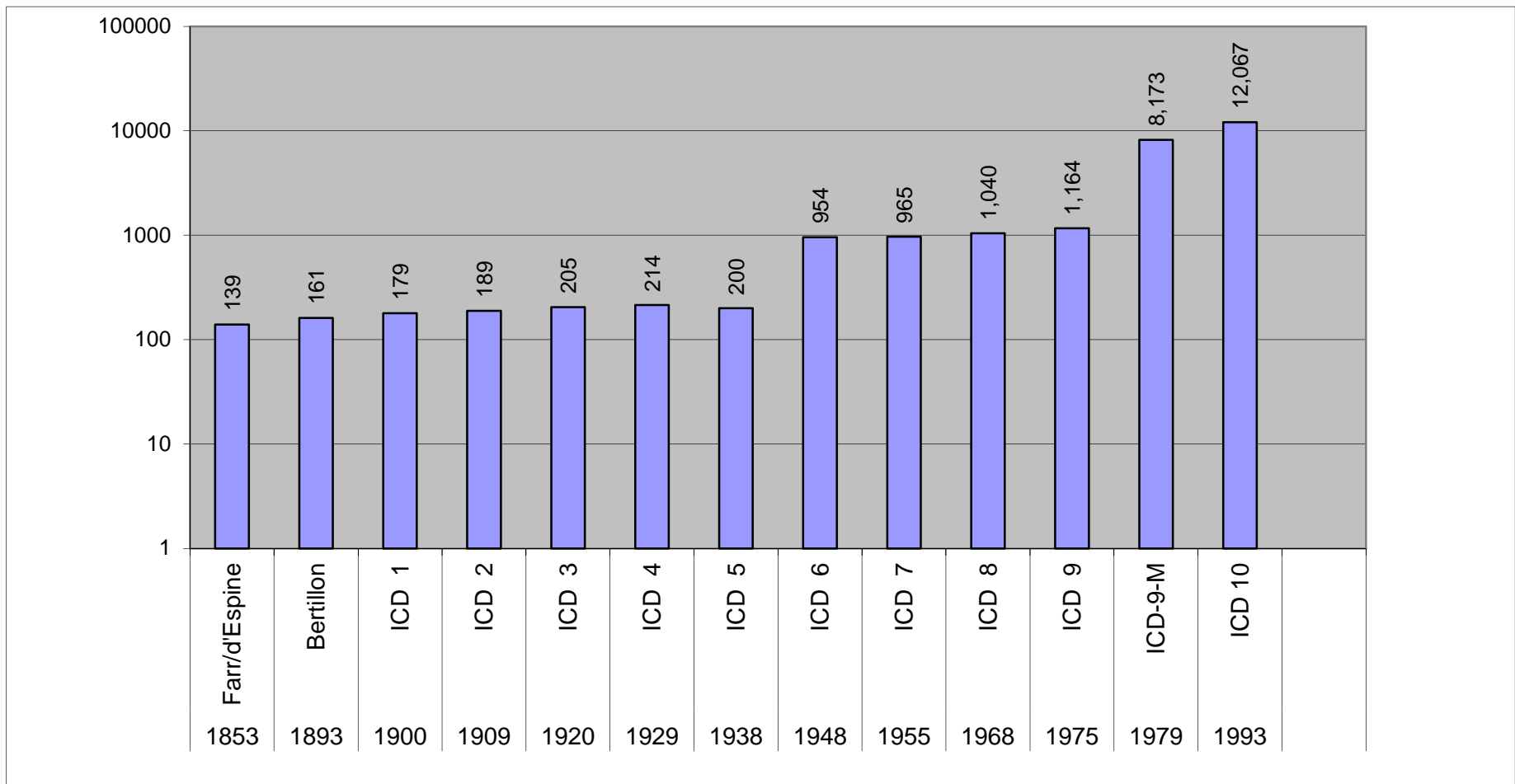


Pan American
Health
Organization



World Health
Organization
REGIONAL OFFICE FOR THE Americas

The history of ICD Revisions



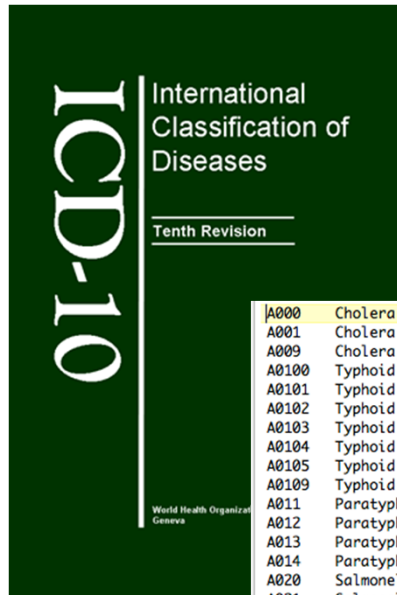
Pan American
Health
Organization



World Health
Organization

REGIONAL OFFICE FOR THE Americas

Problems with ICD-10



A000	Cholera due to <i>Vibrio cholerae</i> 01, biovar cholerae
A001	Cholera due to <i>Vibrio cholerae</i> 01, biovar eltor
A009	Cholera, unspecified
A0100	Typhoid fever, unspecified
A0101	Typhoid meningitis
A0102	Typhoid fever with heart involvement
A0103	Typhoid pneumonia
A0104	Typhoid arthritis
A0105	Typhoid osteomyelitis
A0109	Typhoid fever with other complications
A011	Paratyphoid fever A
A012	Paratyphoid fever B
A013	Paratyphoid fever C
A014	Paratyphoid fever, unspecified
A020	Salmonella enteritis
A021	Salmonella sepsis
A0220	Localized salmonella infection, unspecified
A0221	Salmonella meningitis
A0222	Salmonella pneumonia
A0223	Salmonella arthritis
A0224	Salmonella osteomyelitis
A0225	Salmonella pyelonephritis
A0229	Salmonella with other localized infection
A028	Other specified salmonella infections
A029	Salmonella infection, unspecified
A030	Shigellosis due to <i>Shigella dysenteriae</i>
A031	Shigellosis due to <i>Shigella flexneri</i>
A032	Shigellosis due to <i>Shigella boydii</i>
A033	Shigellosis due to <i>Shigella sonnei</i>
A038	Other shigellosis
A039	Shigellosis, unspecified
A040	Enteropathogenic <i>Escherichia coli</i> infection
A041	Enterotoxigenic <i>Escherichia coli</i> infection

- Outdated knowledge
- Driven by mortality and billing use cases
- Is just "a laundry list" – no definitions
- Does not interoperate well with electronic health records
- Lacking conceptual and operational alignment with other classifications and terminologies



ICD-11 Features

- ICD-11 serves **multiple use-cases**
 - Mortality, Morbidity, Primary Care, Quality and Safety or research...
- ICD-11 will be ready to use in most Electronic Medical Records.
- ICD-11 **aligns and links with other classifications, ontologies and terminologies**
 - International Classification of Diseases for Oncology (ICD-O)
 - International Classification of External Causes of Injury (ICECI)
 - International Classification of Functioning Disability and Health (ICF)
 - Gene Ontology (GO)
 - Systematized Nomenclature of Medicine--Clinical Terms (SNOMED-CT) and other standard terminologies

ICD 11 – Testing field

- Mar-Jun 2016: implementing field tests (trainings and identification of sites)
- July- Sept: Analysis of data
- October 2016: Discuss the results at global level.



Pan American
Health
Organization



World Health
Organization

REGIONAL OFFICE FOR THE Americas

Challenges

- Increase the number of variables in the Regional Mortality System
- Virtual course: plan of dissemination and include cases from the Caribbean
- Implement a Regional System on birth lives from countries
- Morbidity



Pan American
Health
Organization



World Health
Organization

REGIONAL OFFICE FOR THE Americas



**Pan American
Health
Organization**



**World Health
Organization**

REGIONAL OFFICE FOR THE **Americas**

Thank you

gawryszv@paho.org