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# Noncommunicable Diseases and Risk Factors Surveillance: *challenges and opportunities to improve capacity to monitor*

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**CARMEN Network Meeting**

**Reviewing Progress on the Prevention and Control of NCDs in the Americas:**

**Preparing for the 3<sup>rd</sup> UNGA High-Level Meeting on NCDs**

**Ottawa, ON Canada – 11-12 April 2017**

# CONTENT:

- 1 | The accountability framework on NCDs
- 2 | Global Monitoring Framework: country capacity to report
- 3 | UN surveillance Progress Indicators
- 4 | Challenges and opportunities

# 1 | The accountability framework:

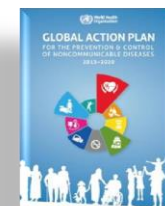
## 2011 – 1<sup>st</sup> United Nations High Level Meeting - POLITICAL DECLARATION on NCDs (p.60-63)

- WHO is called to lead the development of a Global Monitoring Framework (GMF)
- Establishment of national targets and indicators



## 2013-2020 | Global Action Plan

- 25 performance indicators and 9 targets (GMF NCD)
- 9 process indicators
- Objective no. 6 GAP



## 2013-2019 | PAHO Regional Action Plan

- Monitor and provide a progress report to the PAHO Directing Council – Mid-term report sept 2016 and final in 2019
- GMF +12 regional specific indicators
- Strategic Line 4: Surveillance and Research



## 2014 – 2<sup>nd</sup> United Nations High Level Meeting – Outcome document |

- Time-bound commitments: 2015 and 2016;
- 10 Progress Indicators



# 1 | The accountability framework: Key information tools



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## Population-Based Survey

*Mortality Information System*

Health Care Information System

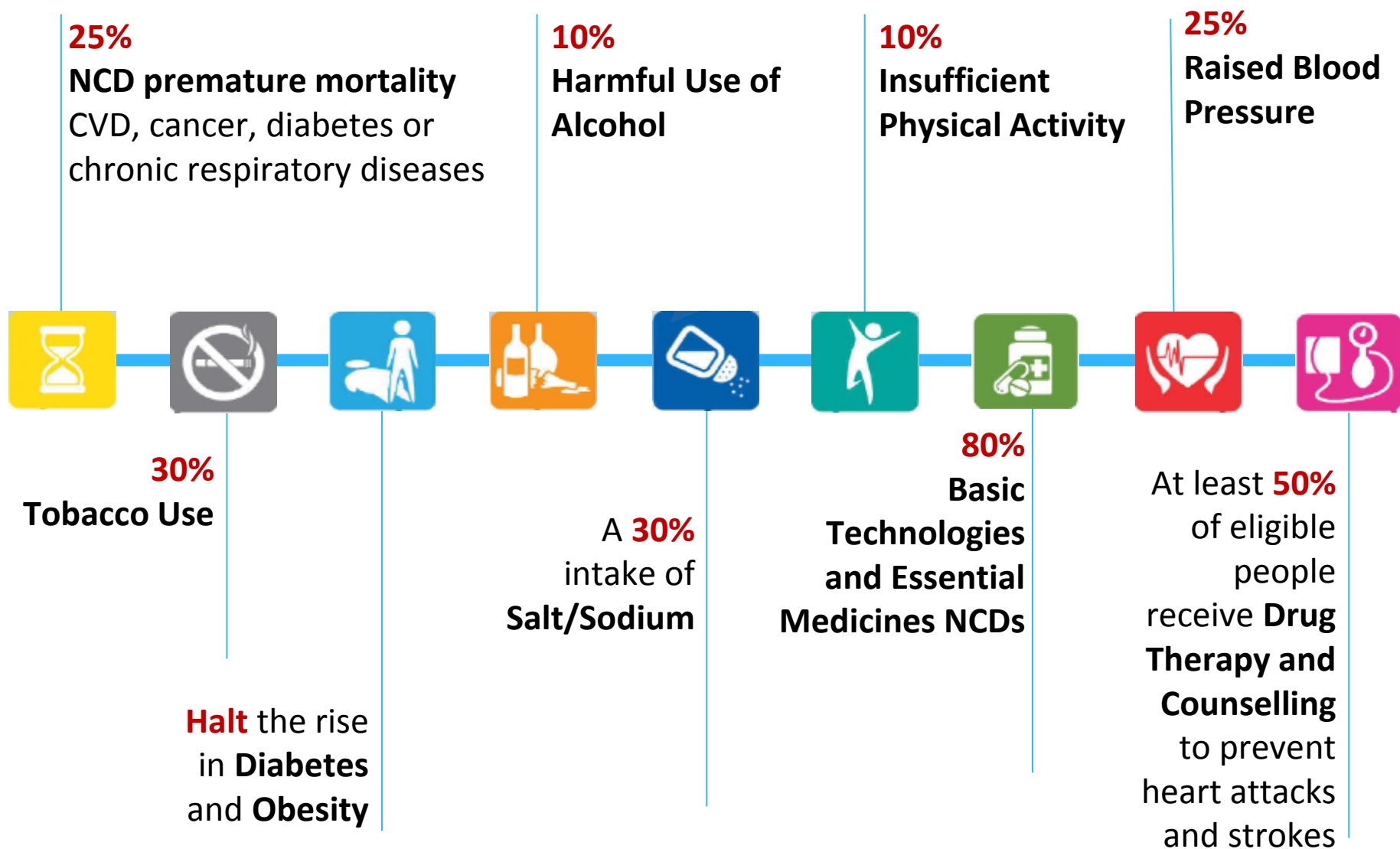
**GLOBAL  
MONITORING  
INTERVENTIONS AND  
POLICIES TOOLS**

REGISTRIES

Administrative  
record  
information

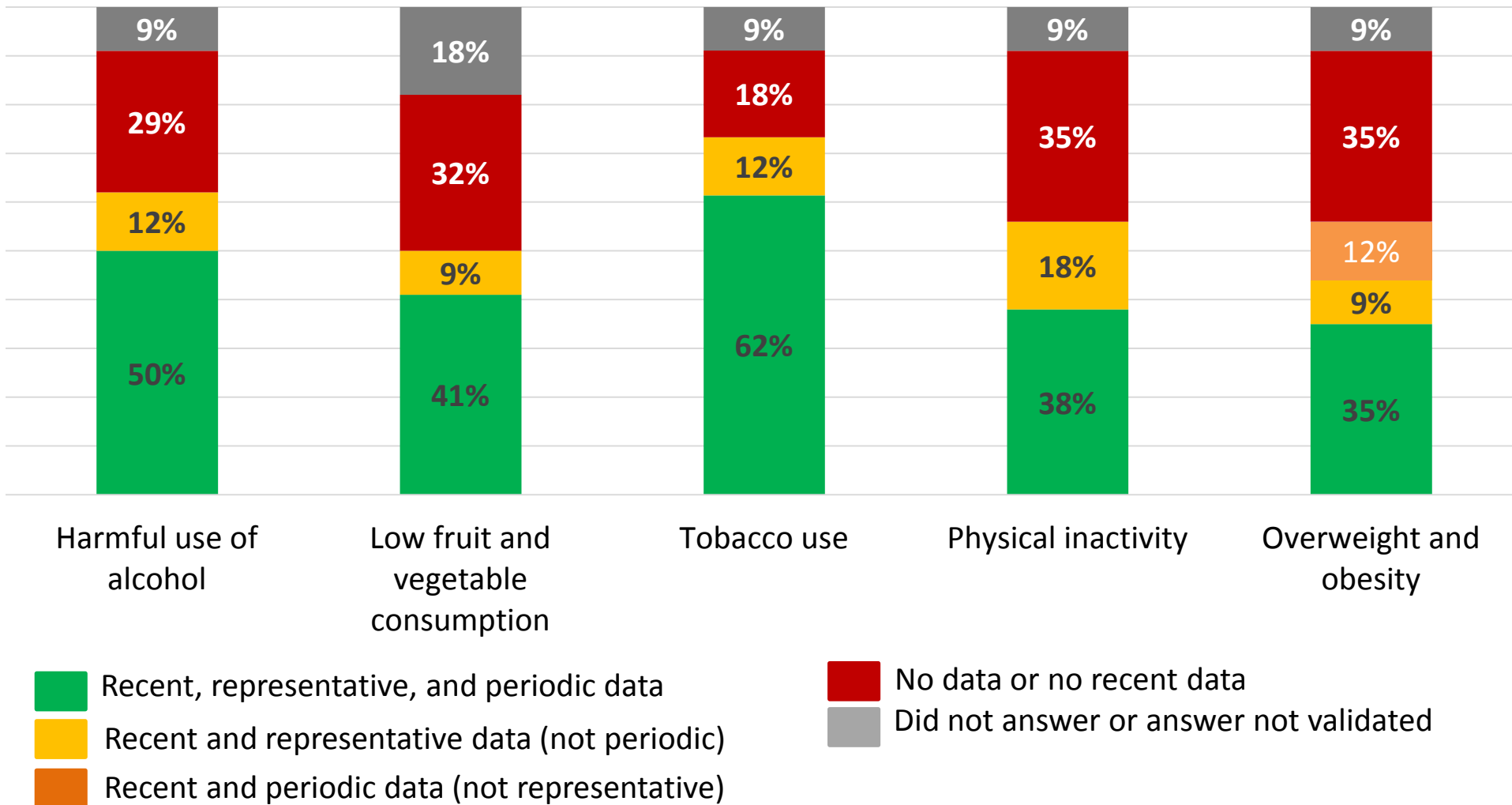
Global Monitoring Framework on NCDs: Key information tools  
Information System for Health (IS4H)

## 2 | Global Monitoring Framework (2010-2025): Countries capacity to report



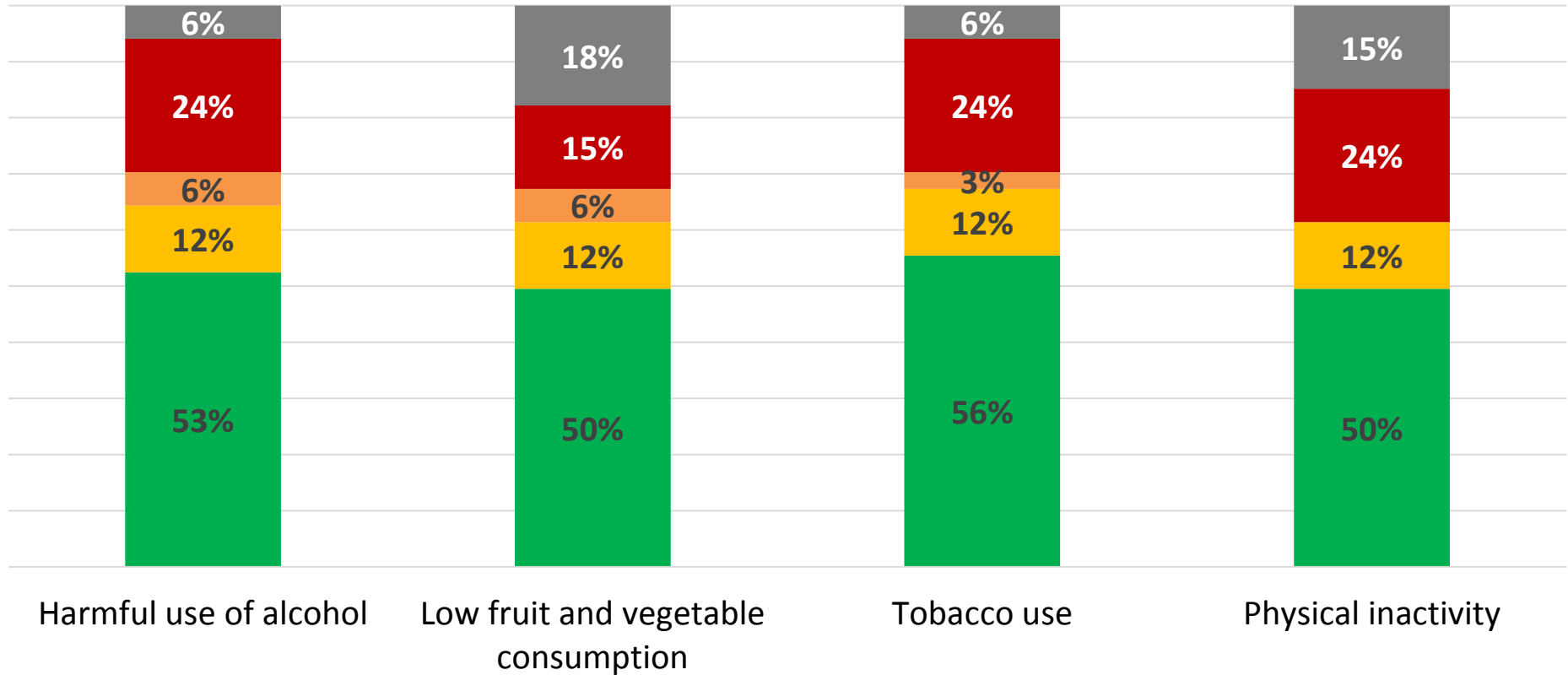
## 2 | Global Monitoring Framework: Country capacity to report


Population-based surveys of leading RF in **ADOLESCENTS**, by category. CCS, 2015.





## 2 | Global Monitoring Framework: Country capacity to report


Population-based surveys of leading RF in **ADULTS**, by category. CCS, 2015.




 Recent, representative, and periodic data

 Recent and representative data (not periodic)

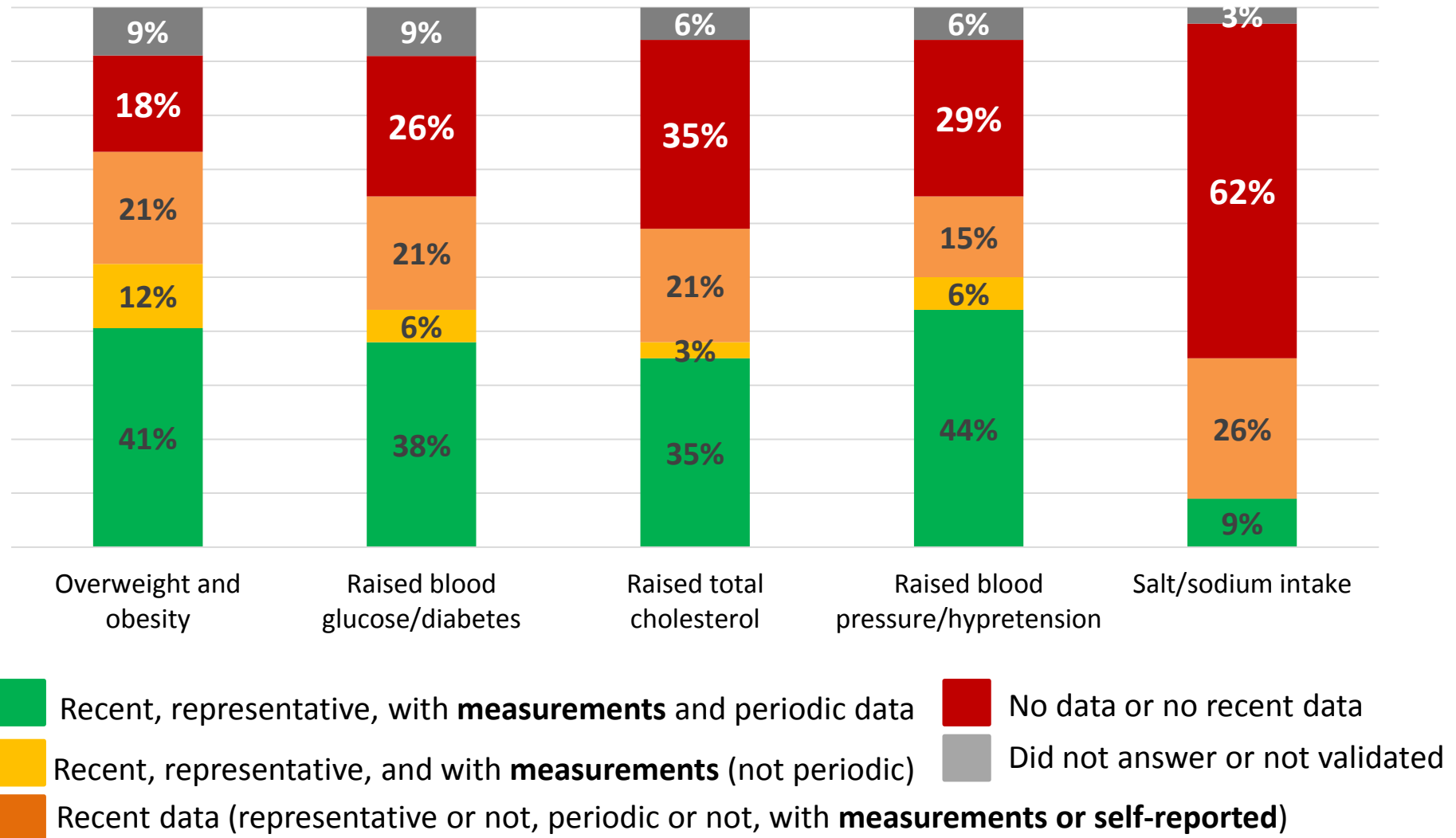
 Recent and periodic data (not representative)

 No data or no recent data

 Did not answer or answer not validated

## 2 | Global Monitoring Framework: Country capacity to report

Population-based surveys, **physical and biochemical measurements** in **ADULTS**. CCS, 2015.

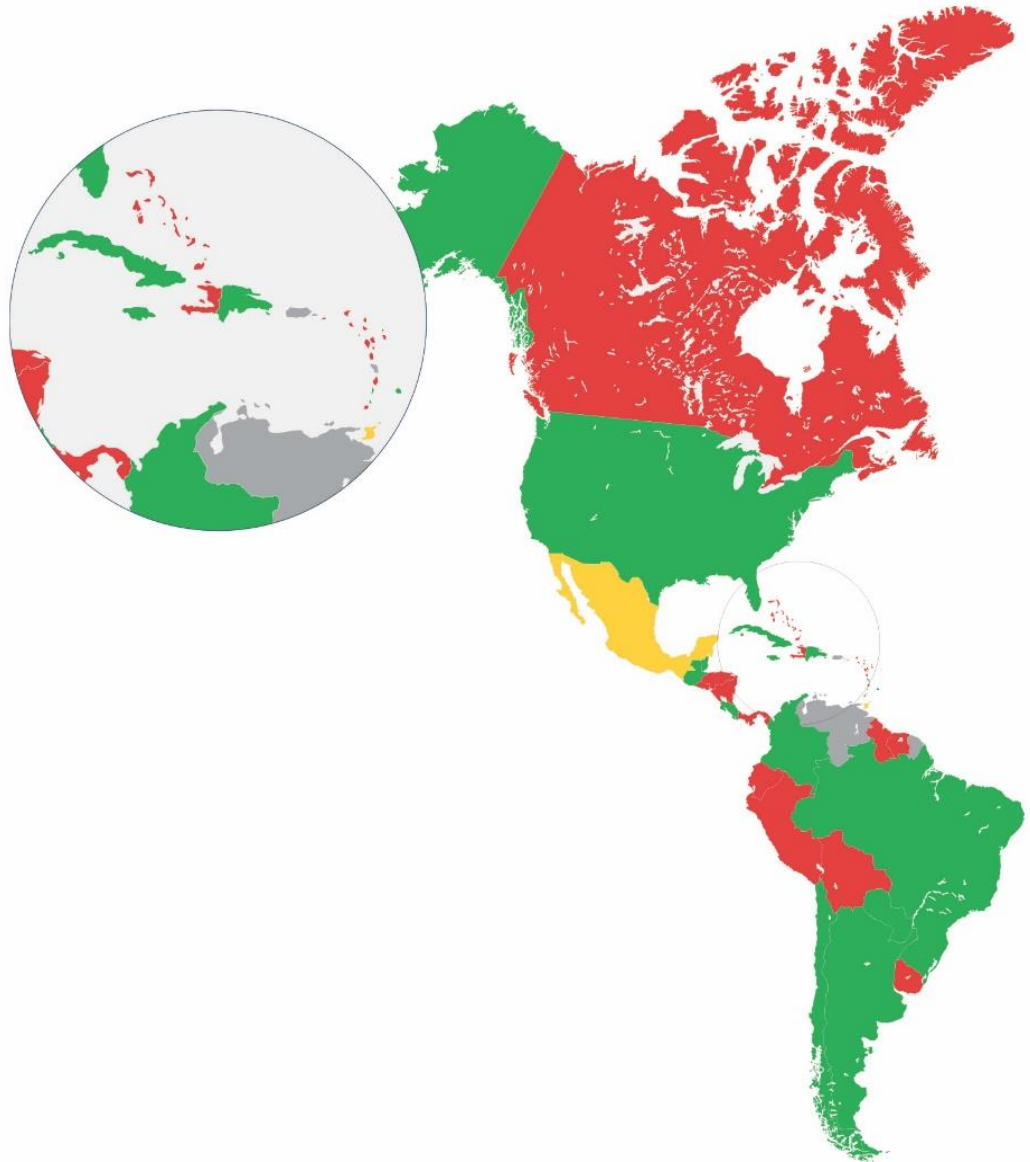




### 3 | UN Progress Indicators: Setting targets and indicators aligned with GMF

## Fully achieved

1. Argentina
2. Barbados
3. Belize
4. Brazil
5. Chile
6. Colombia
7. Costa Rica
8. Cuba
9. United States of America
10. Jamaica
11. Guatemala
12. Paraguay
13. Dominican Republic
14. Saint Kitts and Nevis









### 3 | UN Progress Indicators: Targets & indicators (GMF)

Country	Premature Mortality	Harmful use of alcohol	Insufficient physical activity	Salt/sodium	Tobacco use	Raised blood pressure	Halt the rise in diabetes	Halt the rise in obesity	Drug therapy and counselling	Basic technologies and essential medicines	Total
ARG	x	x	x	x	x	x		x			7
BRB	x	x	x	x	x	x	x	x	x	x	10
BEL	x	x	x		x	x	x	x		x	8
BRA	x	x	x	x	x			x			6
CHI	x	x	x		x			x	x		6
COL	x	x			x	x		x		x	6
CRI	x		x	x	x			x	x	x	7
CUB	x	x	x	x	x	x		x			7
DOM	x					x		x			3
GTM	x	x	x	x	x	x	x	x			8
JAM	x	x	x	x	x	x	x	x	x	x	10
PRY	x	x	x	x	x	x	x	x	x	x	10
VGS	x		x	x		x	x	x	x		7
USA		x	x	x	x			x	x		6
Total	13	11	12	10	12	10	6	14	8	7	

Source: WHO. Progress Monitoring, 2015






## 4. Challenges: OTP

### 1. OPERATIONAL

-  Coordination at the national level among different sectors - country systems are fragmented;
-  Workforce capacity;
-  Plans to establish priorities and improve countries capacity;
-  Identify strategies to define funding mechanisms to support the production of data in a periodic systematic and standardized way for youth and adults;
-  Use resources more efficiently - multiple surveys collecting similar information;
-  Promote the access to data to monitor the NCD/RF.

## 4. Challenges:








### 2. TECHNICAL

-  Baseline data to monitor the GMF and Regional targets/indicators;
-  Produce data for Key GMF indicators (salt intake, access to essential medicines);
-  Strengthen Vital Statistics System;
-  Establishing population-based cancer registry;
-  Systematize the use of new technologies – document the best practices would be useful.

### 3. POLITICAL

-  Raise the awareness and ensure that funds are allocated

## 4. Opportunities:

-  Political momentum exists for NCDs/RFs;
-  Mandate to strengthen surveillance for NCDs/RFs;
-  Multisectoral approaches can assist countries in establishing collaborations within and beyond the health sector to monitor NCDs/RFs;
-  Assessment of countries' capacity for NCD/RF surveillance and data gaps can help to set priorities;
-  Development of surveillance plans to improve countries capacity for surveillance;
-  Countries should start building upon what they already have in place;
-  Exchange of experience through out networks.

## 5. Recommendations:



National coordination mechanism for NCD/RF surveillance



Institutionalization



Allocation of national resources



Technical capacity building



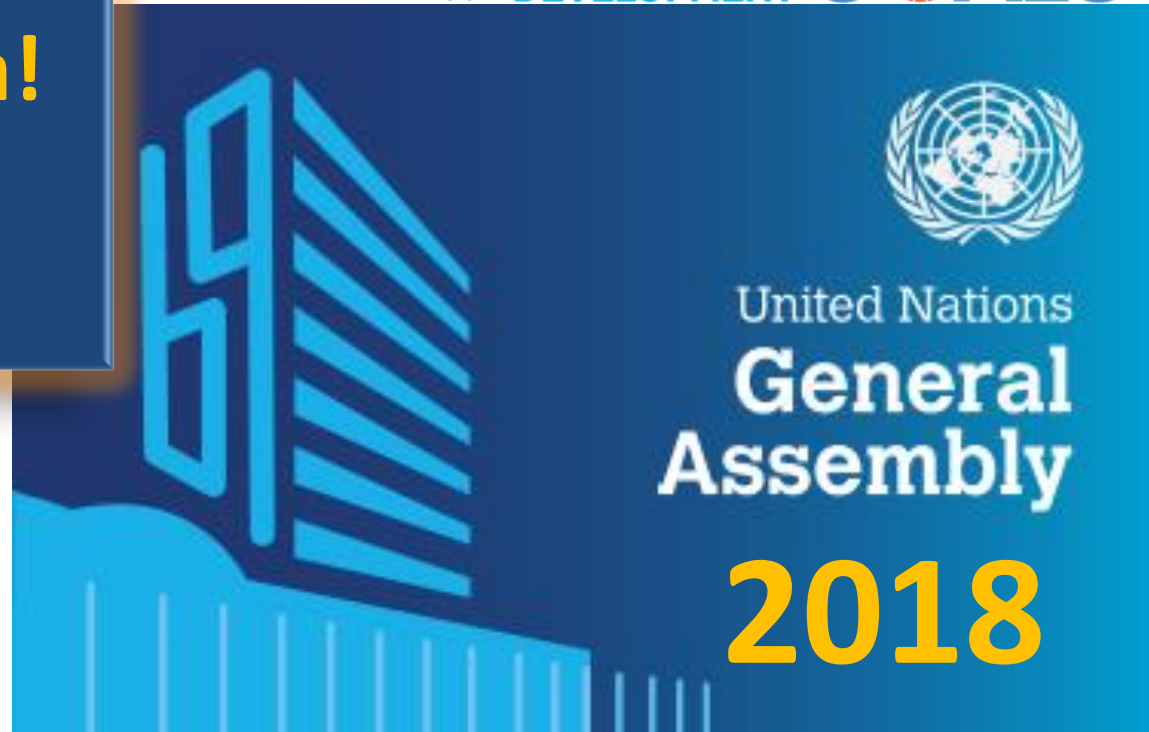
Use of new technologies; eg. Tablets for data collection



Promote the access and use of the data

**SUSTAINABILITY**

**Thank you!**  
**Obrigada!**  
**Gracias!**  
**Merci!**



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