

System C. Civil Registration and Vital Statistics

Definition: Civil registration and vital statistics (CRVS) systems register births, deaths, cause of deaths, marriages, and divorces. In public health, authorities focus on the registration of births, deaths and cause of deaths to track population demographics and patterns of disease. When interlinked with other information systems, CRVS could generate HIV-related mortality trends to inform burden and impact assessments.

C.1 Policy, Planning, and Legislation		Complete	Notes/Comments:
C.1.1 Is there an entity responsible for managing the CRVS system?	<input type="radio"/> No	X	
	<input type="radio"/> Yes, check all that apply:		
	<input type="checkbox"/> Ministry of Health, or similar		
	<input type="checkbox"/> Ministry of Interior, or similar		
	<input type="checkbox"/> Ministry of Justice, or similar		
<input type="checkbox"/> Other entity, specify:			
C.1.2 Are there laws (or similar policies) in place mandating the registration of births and deaths? <i>If yes, please provide a soft copy.</i>	<input type="radio"/> No	X	
	<input type="radio"/> Yes		
	<input type="radio"/> Partially		
C.1.3 Has a strategic plan or other strategic document been developed? <i>If yes, please provide a soft copy.</i>	<input type="radio"/> No	X	
	<input type="radio"/> Yes		
C.1.4 Are birth and death data being used in the country?	<input type="radio"/> No	X	
	<input type="radio"/> Yes, check all that apply:		
	<input type="checkbox"/> Quantify health service need/coverage		
	<input type="checkbox"/> Cost-effectiveness analysis of disease interventions		
	<input type="checkbox"/> Measure impact of disease programs		
	<input type="checkbox"/> National burden of disease estimation		
	<input type="checkbox"/> Subnational burden of disease estimation		
<input type="checkbox"/> Other use, specify:			
C.1.5 Are birth and death data being used specifically for	<input type="radio"/> No	Y	
	<input type="radio"/> Yes, check all that apply:		
	<input type="checkbox"/> Quantify HIV service need/coverage		
	<input type="checkbox"/> Cost-effectiveness analysis of HIV		

HIV?	<input type="checkbox"/> Measure impact of HIV programs <input type="checkbox"/> National burden of HIV estimation <input type="checkbox"/> Subnational burden of HIV estimation <input type="checkbox"/> Other use, specify:	X	
C.1.6 Is there a funding source for CRVS system development?	<input type="radio"/> No <input type="radio"/> Yes, specify below: <input type="checkbox"/> Domestic <input type="checkbox"/> Global Financing Fund <input type="checkbox"/> PEPFAR <input type="checkbox"/> Gates Foundation <input type="checkbox"/> Bloomberg Data for Health <input type="checkbox"/> Other bilateral, specify <input type="checkbox"/> Other multilateral, specify	X	
C.1.7 Is proof of birth or death registration required for any government services? (e.g. birth or death certificate)	<input type="radio"/> No <input type="radio"/> Yes, specify below: <input type="checkbox"/> Immunization <input type="checkbox"/> Health insurance <input type="checkbox"/> School enrollment <input type="checkbox"/> Welfare <input type="checkbox"/> Legal services <input type="checkbox"/> Burial <input type="checkbox"/> Inheritance <input type="checkbox"/> Life insurance <input type="checkbox"/> Other service, specify:	X	
C.2 System organization		Complete	Notes/Comments:
C.2.1 Which vital events are registered?	<input type="radio"/> N/A <input type="radio"/> Births <input type="radio"/> Deaths <input type="radio"/> Both births and deaths	X	

C.2.2 Does the CRVS system use a unique identifier?	<input type="radio"/> N/A <input type="radio"/> No <input type="radio"/> Yes, check all that apply: <input type="checkbox"/> The unique identifier is the National ID <input type="checkbox"/> The unique identifier is the Health ID <input type="checkbox"/> The unique identifier is system-specific <input type="checkbox"/> The unique identifier is created from client demographics (e.g. algorithm) <input type="checkbox"/> The unique identifier is linked to biometric data	X	
C.2.3 Are security measures in place for the CRVS system?	<input type="radio"/> N/A <input type="radio"/> No <input type="radio"/> Yes, check all that apply: <input type="checkbox"/> Physical barrier <input type="checkbox"/> Software barrier <input type="checkbox"/> Legal barrier <input type="checkbox"/> Encryption <input type="checkbox"/> Unique identifier	X	
C.3 System organization for <u>birth</u> registration		Complete	Notes/Comments:
C.3.1 What is the approximate geographic coverage of birth registration?	<input type="radio"/> N/A <input type="radio"/> 1% - 25% <input type="radio"/> 26% - 50% <input type="radio"/> 51% - 75% <input type="radio"/> 76% - 100% If geographic coverage is > 0%, specify if: <input type="checkbox"/> Birth registration is in urban areas <input type="checkbox"/> Birth registration is in rural areas <input type="checkbox"/> Birth registration is in urban and rural areas	X	
C.3.2 What is the approximate national coverage of birth registration?	<input type="radio"/> N/A <input type="radio"/> National		

C.3.2 What is the lowest level at which birth events are registered?	<input type="radio"/> Subnational level 1 <input type="radio"/> Subnational level 2 <input type="radio"/> Subnational level 3	X	
C.3.3 Are data on birth events linked to other systems?	<input type="radio"/> N/A <input type="radio"/> No <input type="radio"/> Yes, check all linked systems: <input type="checkbox"/> Case reporting system <input type="checkbox"/> Patient monitoring system <input type="checkbox"/> Health insurance system <input type="checkbox"/> Legal system/policing <input type="checkbox"/> Voter registration system <input type="checkbox"/> National ID <input type="checkbox"/> Other, specify: <div style="background-color: yellow; height: 15px; width: 100%;"></div>	X	
C.3.4 Is an electronic system used for registering births in any area of the country?	<input type="radio"/> N/A <input type="radio"/> No <input type="radio"/> Yes, check all that apply: <input type="checkbox"/> Electronic system is in urban areas <input type="checkbox"/> Electronic system is in rural areas <input type="checkbox"/> Electronic system is in urban and rural areas	X	
C.3.5 What is the lowest level at which birth events are registered through electronic systems?	<input type="radio"/> N/A <input type="radio"/> National <input type="radio"/> Subnational level 1 <input type="radio"/> Subnational level 2 <input type="radio"/> Subnational level 3	X	
C.3.6 What is the approximate electronic coverage of the birth registration system across all health facilities and/or registrar offices?	<input type="radio"/> N/A <input type="radio"/> 1% - 25% <input type="radio"/> 26% - 50% <input type="radio"/> 51% - 75%	X	

	<input type="radio"/> 76% - 100%		
C.3.7 Does the electronic system capture birth events at the individual or aggregate level?	<input type="radio"/> N/A	X	
	<input type="radio"/> Individual		
	<input type="radio"/> Aggregate		
	<input type="radio"/> Both individual and aggregate		
C.3.8 Does the private sector report birth events using the same electronic system?	<input type="radio"/> N/A	X	
	<input type="radio"/> No		
	<input type="radio"/> Yes		
	<input type="radio"/> Some		
C.4 System Organization for <u>death</u> registration		Complete	Notes/Comments:
C.4.1 What is the approximate geographic coverage of death registration?	<input type="radio"/> N/A	X	
	<input type="radio"/> 1% - 25%		
	<input type="radio"/> 26% - 50%		
	<input type="radio"/> 51% - 75%		
	<input type="radio"/> 76% - 100%		
	If geographic coverage is > 0%, specify if:		
	<input type="checkbox"/> Death registration is in urban areas		
	<input type="checkbox"/> Death registration is in rural areas		
	<input type="checkbox"/> Death registration is in urban and rural areas		
C.4.2 What is the lowest level at which death events are collected?	<input type="radio"/> N/A	X	
	<input type="radio"/> National		
	<input type="radio"/> Subnational level 1		
	<input type="radio"/> Subnational level 2		
	<input type="radio"/> Subnational level 3		
	<input type="radio"/> N/A		
	<input type="radio"/> No		
	<input type="radio"/> Yes, check all linked systems:		
	<input type="checkbox"/> Case reporting system		

C.4.3 Are data on death events linked to other systems?	<input type="checkbox"/> Patient monitoring system <input type="checkbox"/> Health insurance system <input type="checkbox"/> Legal system/policing <input type="checkbox"/> Voter registration <input type="checkbox"/> National ID <input type="checkbox"/> Other, specify: 	X	
C.4.4 Is an electronic system used for registering deaths in any area of the country?	<input type="radio"/> N/A <input type="radio"/> No <input type="radio"/> Yes <input type="checkbox"/> Electronic system is in urban areas <input type="checkbox"/> Electronic system is in rural areas <input type="checkbox"/> Electronic system is in urban and rural areas	X	
C.4.5 What is the lowest level at which deaths are registered through electronic systems?	<input type="radio"/> N/A <input type="radio"/> National <input type="radio"/> Subnational level 1 <input type="radio"/> Subnational level 2 <input type="radio"/> Subnational level 3	X	
C.4.6 What is the approximate electronic coverage of the death registration system across all health facilities or registrar offices?	<input type="radio"/> N/A <input type="radio"/> 1% - 25% <input type="radio"/> 26% - 50% <input type="radio"/> 51% - 75% <input type="radio"/> 76% - 100%	X	
C.4.7 Does the electronic system capture death events at the individual or aggregate level?	<input type="radio"/> N/A <input type="radio"/> Individual <input type="radio"/> Aggregate <input type="radio"/> Both individual and aggregate	X	
C.4.8 Does the private sector report death events using	<input type="radio"/> N/A <input type="radio"/> No	Y	

the same electronic system?	<input type="radio"/> Yes	^	
	<input type="radio"/> Some		
C.5 Cause of death information		Complete	Notes/Comments:
C.5.1 Are sentinel surveillance approaches used to measure cause of death? (e.g. alternative methods for cause-specific mortality surveillance)	<input type="radio"/> N/A <input type="radio"/> No <input type="radio"/> Yes, check all methods used to ascertain cause of death <input type="checkbox"/> Verbal autopsy <input type="checkbox"/> Minimally invasive autopsy <input type="checkbox"/> Full autopsy <input type="checkbox"/> Hospital-based system <input type="checkbox"/> Other ascertainment method, specify:	X	
C.5.2 Do these sentinel surveillance approaches utilize a method of classification to report cause of death?	<input type="radio"/> N/A <input type="radio"/> No <input type="radio"/> Yes, check all methods that apply: <input type="checkbox"/> ICD-10 <input type="checkbox"/> Verbal autopsy - InterVA <input type="checkbox"/> Verbal autopsy - Tarrif2 <input type="checkbox"/> Verbal autopsy - SmartVA <input type="checkbox"/> Other classification method, specify:	X	
C.5.3 Does the vital statistics system collate cause of death information?	<input type="radio"/> N/A <input type="radio"/> No <input type="radio"/> Yes, check all methods used to ascertain cause of <input type="checkbox"/> Verbal autopsy <input type="checkbox"/> Minimally invasive autopsy <input type="checkbox"/> Full autopsy <input type="checkbox"/> Hospital-based system <input type="checkbox"/> Other ascertainment method, specify:	X	

<p>C.5.4 Does the vital statistics system utilize a method of classification to report cause of death?</p>	<p><input type="radio"/> N/A</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Yes, select all methods that apply:</p> <p><input type="checkbox"/> ICD-10</p> <p><input type="checkbox"/> Verbal autopsy - InterVA</p> <p><input type="checkbox"/> Verbal autopsy - Tarrif2</p> <p><input type="checkbox"/> Verbal autopsy - SmartVA</p> <p><input type="checkbox"/> Other classification method, specify:</p>	<p>X</p>	
<p>C.5.5 What is the lowest level at which cause of death is collated in the system?</p>	<p><input type="radio"/> N/A</p> <p><input type="radio"/> National</p> <p><input type="radio"/> Subnational level 1</p> <p><input type="radio"/> Subnational level 2</p> <p><input type="radio"/> Subnational level 3</p>	<p>X</p>	