

Demand and Readiness Tool for Assessing Data Sources in Health Information Systems (HIS DART)

MODULE 9:



Civil Registration and Vital Statistics System



This questionnaire with its corresponding instructions is one of 12 HIS data source assessment modules. The questionnaire is designed to capture information that informs health authorities and other stakeholders about the alignment of the HIS data source with relevant standards. The full series of assessment modules is available at <https://www.measureevaluation.org/resources/tools/dart/>.

For more information, see the corresponding data source module in Health Information System Strengthening: Standards and Best Practices for Data Sources, available here: <https://www.measureevaluation.org/resources/publications/tr-17-225>.

Module 9a Instructions: Civil Registration and Vital Statistics System—Registration of Events			
No.	QUESTION	RESPONSE	SKIPS
1	Virtually all countries have in place a national civil registration system whose legal and statistical functions are governed by a legal framework. The legal function is to record, archive, and retrieve information on vital events; the statistical function is to compile data from civil registration records to produce a continuous source of vital statistics. [COUNTRY] has legislation that authorizes the creation of a civil registration system.	YES 1 NO 2	SKIP TO END
2	In what year was the legislation last updated?	YEAR <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
3	The United Nations (UN) recommends that national regulation designate 'informants' or 'declarants' as persons required to notify the local civil registrar of the occurrence of a vital event, and its main characteristics, so that the event can be registered. Do civil registration regulations or subsidiary laws designate legal informants or declarants to notify the local civil registrar? (a) Births that occurred in his or her jurisdiction (b) Deaths that occurred in his or her jurisdiction (c) Fetal deaths that occurred in his or her jurisdiction	YES NO 1 2 1 2 1 2	
4	For vital events to be accurately counted, classified, and compared, the definition of each vital event in a national civil registration and vital statistics system should be aligned with the definitions prepared for statistical purposes by the UN. Does the civil registration legislation or regulations define 'live birth'?	YES 1 NO 2	SKIP TO Q6
5	Is the definition of 'live birth' aligned with the UN definition?	YES 1 PARTIALLY 2 NO 3	
6	Does the civil registration legislation or regulations define 'death'?	YES 1 NO 2	SKIP TO Q8
7	Is the definition of 'death' aligned with the UN definition?	YES 1 PARTIALLY 2 NO 3	
8	Does the civil registration legislation or regulations define 'fetal death' or 'stillbirth'?	YES 1 NO 2	SKIP TO Q10
9	Is the definition of 'fetal death' aligned with the UN definition?	YES 1 PARTIALLY 2 NO 3	
10	[COUNTRY] has a set of forms for all local civil registration sites to record information on a vital event: (a) Medical declaration of birth or birth notification (b) Birth registration form (c) Medical certificate of cause of death or death notification (d) Death registration form	YES, UNIFORM YES, NOT UNIFORM NO 1 2 3 1 2 3 1 2 3 1 2 3	
11	CHECK Q10: IF Q10 (b) =1 or 2, GO TO 12 IF Q10 (b) =3, GO TO Q13		
12	Does the official <u>birth registration form</u> allow for these data elements to be recorded? (a) Date of occurrence (b) Date of registration (c) Place of occurrence (i.e., geographical administrative subdivision) (d) Place of usual residence (i.e., geographical administrative subdivision) (f) Place of registration (g) Type of birth (i.e., single, twin, or higher multiple delivery) (h) Attendant at birth (i) Sex (j) Weight at birth (k) Characteristics of the mother (l) Characteristics of the father	YES ON NOTIFICATION FROM YES ON REGISTRATION FORM NO 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3	
13	CHECK Q10: IF Q10 (d) =1 OR 2, GO TO Q14 IF Q10 (d) =2, GO TO Q15		
14	Does the official <u>death registration form</u> allow for these data elements to be recorded? (a) Date of occurrence (b) Date of registration (c) Place of occurrence (i.e., geographical administrative subdivision) (d) Place of usual residence (i.e., geographical administrative subdivision) (f) Place of registration (g) Cause of death (h) Certifier (i) Date of birth (j) Sex of deceased (k) Marital status of deceased	YES ON NOTIFICATION FROM YES ON REGISTRATION FORM NO 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3	
15	What is the total number of local civil registration sites designated to legally register births?	TOTAL <input type="text"/> <input type="text"/> <input type="text"/>	
16	What is the total number of local civil registration sites designated to legally register deaths?	TOTAL <input type="text"/> <input type="text"/> <input type="text"/>	

17	An electronic platform can be used to facilitate the timely reporting of birth and death registration data. Does the national civil registration office use an electronic system to manage data on births and deaths?	YES, FOR BIRTHS AND DEATHS YES, FOR BIRTHS ONLY YES, FOR DEATHS ONLY NO	1 2 3 4	SKIP TO Q20							
18	Which agency is responsible for the maintenance and security of the electronic platform?	CENTRALIZED NATIONAL REGISTRATION AUTHORITY OTHER GOVERNMENT AGENCY NON-GOVERNMENTAL AGENCY OTHER DECENTRALIZED NATIONAL REGISTRATION AUTHORITY OTHER GOVERNMENT AGENCY NON-GOVERNMENTAL AGENCY OTHER FEDERATED MORE THAN ONE AGENCY	01 02 03 04 05 06 07 08 09								
19	In what type of electronic system are data on civil registration vital events managed? CIRCLE ALL THAT APPLY	ELECTRONIC SPREADSHEET MS EXCEL FILE OTHER SPREADSHEET DATABASE MANAGEMENT SYSTEM SQL DATABASE MS ACCESS OTHER DBMS HMIS SOFTWARE DHIS 2 OTHER HMIS OTHER	A B C D E F G X								
20	Does the electronic system receive any electronic birth or death notifications from the health sector?	YES NO	1 2	SKIP TO Q22							
21	Which data exchange standards are used? CIRCLE ALL THAT APPLY	AGGREGATED DATA EXCHANGE (ADX) FAST HEALTHCARE INTEROPERABILITY RESOURCES (FHIR) INTEGRATING HEALTHCARE ENTERPRISE (IHE) DIGITAL IMAGING & COMMUNICATIONS IN MEDICINE (DICOM) HEALTH LEVEL 7 (HL7) OTHER NONE	A B C D E F G								
22	Does the central-level civil registration office expect to receive <i>birth registration data</i> routinely from subnational offices?	YES NO	1 2	SKIP TO Q26							
23	Are routine birth registration data received at the central level as individual records or as aggregate numbers of registered	INDIVIDUAL-LEVEL DATA AGGREGATE DATA OTHER	1 2 3								
24	In which format does the central-level office routinely receive <i>birth registration data</i> ?	ELECTRONIC MIX OF PAPER AND ELECTRONIC PAPER-BASED ONLY OTHER	1 2 3 6								
25	How often does the central-level office expect to receive <i>birth registration data</i> ?	IN REAL TIME MONTHLY QUARTERLY ANNUALLY OTHER	1 2 3 4 6								
26	Does the central-level civil registration office expect to receive <i>death registration data</i> routinely from subnational offices?	YES NO	1 2	SKIP TO Q30							
27	Are routine death registration data received at the central level as individual records or as aggregate numbers of registered	INDIVIDUAL-LEVEL DATA AGGREGATE DATA OTHER	1 2 3								
28	In which format does the central-level office routinely receive <i>death registration data</i> ?	ELECTRONIC MIX OF PAPER AND ELECTRONIC PAPER-BASED ONLY OTHER	1 2 3 6								
29	How often does the central-level office expect to receive <i>death registration data</i> ?	IN REAL TIME MONTHLY QUARTERLY ANNUALLY OTHER	1 2 3 4 6								
30	What is the birth registration coverage for the most recent year available? PLEASE RECORD A WHOLE NUMBER	PERCENTAGE <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> % YEAR <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table> RESULTS NOT AVAILABLE								996	

31

What the is death registration coverage for the most recent year available?
PLEASE RECORD A WHOLE NUMBER

PERCENTAGE

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YEAR

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RESULTS NOT AVAILABLE

996

END