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Form Approved
OMB No. 0920-0879
Exp. date 03/31/2014
Birth Certificate and Hospital Discharge Linkage - State Survey (NAPHSIS)

Thank you for agreeing to participate in this survey.

Please note: due to software requirement, the survey must be completed and submitted online in one session. If you are not ready to complete the entire survey, please wait until you have all of your responses prepared before you begin.

If you have any questions, please contact Dr. Sukhjeet Ahuja at: sahuja@naphsis.org.

As was noted in the email you received, the purpose of this survey is to understand the status of birth certificate and hospital discharge linkages in the United States and to improve surveillance, research, policy, and programs around maternal, infant, and child health.

The data collected from this survey will be used to understand whether a state has a birth certificate and hospital discharge linkage, the process and quality of the linkage, the resources related to linking, and barriers and limitations to linkages.

Your feedback will also be used for improvements in data linkages that inform public health surveillance, research, policy, and programs around pregnancy conditions, risk behaviors, and neonatal outcomes.

This survey is being conducted through a collaboration with NAPHSIS and the Centers for Disease Control and Prevention.

Burden statement: Public reporting burden of this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-0879).

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CDC's Birth Record - Hospital Discharge Record Linkages Survey

1 * Has any organization, including your state health department, or another organization or university, linked your state's birth records and hospital discharge records (maternal and/or infant discharges) in the last 4 years?

- Yes
- No
- Don't Know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

2 Which inpatient hospital discharge records are linked to the birth record, in the last 4 years?

- Maternal
- Infant
- Both

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

3 Does your state health department currently have access to this linked file for analysis?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

4 How often is the linked file updated?

- Less than once every two years
- Every other year
- Annually
- More frequently than annually
- Have only done the linkage once
- Don't know
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

5 * Is your linkage automated (i.e. when data are received, there is already code developed to clean and merge into full dataset)?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

6 If yes, what percentage of records can be linked electronically without manual judgment or intervention?

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

7 * If no, why isn't your linkage automated?

- Lack of experience
- Lack of software
- Data not provided in an electronic format
- Data files are sent in different format
- Don't know
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

41 Please state your name, jurisdiction and any additional comments on this survey?

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

8 What data software is used to automate the linkage?

- By Hand
- SAS
- Stata
- SPSS
- Microsoft Access
- SQL Server
- Oracle
- Fril
- LinkPlus
- Link Pro
- Link King
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

9 * Would you be interested in collaborating with other states in sharing linkage processes, including lessons learned, challenges encountered, and codes?

- Yes
- No
- Not Sure

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

10 If no, why not? (check all that apply)

- Lack of staff time
- Confidentiality of data
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

11 If not sure, what are your concerns? (check all that apply)

- Time commitment
- Cost
- Confidentiality of data
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

12 * Has your state health department conducted this linkage, either maternal or infant, in the last 4 years?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

13 Which organizational unit or program in the state health department was responsible for doing the linkage? (Check all that apply)

- Vital Records/Health Statistics Office
- Epidemiology Office
- MCH Program Office
- Office responsible for collecting hospital discharge abstracts
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

Edit Duplicate Move Question ▼ Insert ▼  Delete

14 * What data elements are used to link the data sources? (Check all that apply)

- Maternal social security number
- Child's Date of birth
- Child's name
- Race
- Gender of child
- Mother's first name
- Mother's last name
- Mother's surname prior to first marriage
- Hospital medical record
- Birth Facility/Hospital Name
- Discharge Date
- Patient Address (City, state, house number, zip code)
- Other patient identifier
- Don't know
- If 'Other patient identifier' or any Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

15 What is the methodology used for linking the records? (Chose all that apply)

Deterministic (specify %)

Probabalistic (specify %)

Other (specify %)

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

16 * Has the quality of the birth-hospital record linkage been evaluated?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

17 How has the quality of the birth-hospital record linkage been evaluated? (Check all that apply)

- Review sample of records
- Chart review
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

18 * Does your state utilize the linked birth and hospital record dataset for research, policy, surveillance or programs?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

19 * If yes, how does your state currently use your birth-hospital record linked dataset? (Check all that apply)

- Statistical reports (regular published or unpublished written reports)
- Surveillance (understand trends and prevalence estimates)
- Special studies
- Policy evaluation (pass legislation, provide legal support)
- Program or quality improvement
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

20 What other ways would you like to use your birth-hospital record linked dataset? (Check all that apply)

- Statistical reports (regular published or unpublished written reports)
- Surveillance (understand trends and prevalence estimates)
- Special Studies
- Policy evaluation (pass legislation, provide legal support)
- Program or quality improvement
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

21 * What prevents your state from using the birth-hospital record linked dataset the way you would like to use it?

- Cost
- Lack of staff time available
- Lack of interest in utilizing the linkage
- Most people are not aware of the availability of linkage
- Access to linkage too difficult to obtain
- Don't know
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

22 * In your organization or state, what prevents birth-hospital discharge linkages from occurring? (Check all that apply)

- Cost
- Lack of staff time available for linkages
- Data linkage is not a priority
- Cannot access raw hospital discharge data
- Cannot access raw birth certificate data
- No statewide hospital discharge data collected
- Linkage fields (e.g. name, SSN or other identifiers) not collected or not available
- Lack of effecting matching / linkage software
- Lack of interest in obtaining / using these data
- Don't know
- Other, please specify

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CDC's Birth Record - Hospital Discharge Record Linkages Survey

23 Does your organization or state want to have a linkage of birth and hospital discharge records?

- Yes, definitely
- Yes, no rush
- Undetermined
- No, not right now
- No, never
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

24 Would you be interested in collaborating with other states to learn about the linkage process?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

25 * The following questions are to get an understanding of the quality of each individual data source. Please answer to the best of your ability

Has the quality of the data items from the birth record only been evaluated?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

26 How has the quality of the data items from the birth record been evaluated? (Check all that apply)

- Medical chart validation
- Linkage with other data sets
- Don't know
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

27 * Has the quality of the data items from the hospital discharge abstract only been evaluated?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

28 How has the quality of the data items from the hospital discharge abstract been evaluated? (Check all that apply)

- Medical chart validation
- Linkage with other data sets
- Don't know
- Other, please specify

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CDC's Birth Record - Hospital Discharge Record Linkages Survey

29 Is there a state developed instruction manual for completing the birth record for the birth clerk?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

30 * Are there training programs available for hospital and birthing center staff on how to fill out the birth record?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

31 If yes, who provides the trainings on procedures for completing the birth record?

- Online (if online, offered by whom?)
- Someone in the health department (specify)
- Someone from a hospital (specify)
- Don't know
- Please specify if you chose 'Online' or Other

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CDC's Birth Record - Hospital Discharge Record Linkages Survey

32 * Are personnel completing the birth record provided any guidance (written, training, consultation) on how to prioritize different sources of information and make decisions when there are conflicting values?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

33 How often is training to complete the birth record offered?

- Monthly
- Quarterly
- Annually
- Less frequently than once a year
- As needed or on demand
- Available online at anytime
- Don't know
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

34 Is there an instruction manual for abstracting hospital discharge data?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

35 * Are there training programs available for hospital and birthing center staff on how to abstract data from hospital discharge data records?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

37 * Are personnel abstracting data from discharge records given guidance on how to prioritize different sources of information and make decisions when there are conflicting values?

- Yes
- No
- Don't know

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

38 * How often is training to abstract hospital discharge records offered?

- Monthly
- Quarterly
- Annually
- Less frequently than once a year
- As needed or on demand
- Available online at anytime
- Other, please specify

Submit

CDC's Birth Record - Hospital Discharge Record Linkages Survey

39 What other data do you link to the birth record? (Check all that apply)

- No other linkages
- WIC
- Medicaid
- Infant deaths
- Death certificate of women of reproductive age
- PRAMS
- Birth defects registry
- Newborn blood spot screening
- Newborn hearing screening
- Immunizations
- Family planning (Title X)
- Health department client data
- Public health program data (Healthy Start, home visiting, etc.)
- Education data
- Child maltreatment data
- Children's special healthcare program
- Health insurance other than Medicaid
- Outpatient Records
- ER/Ambulatory Data
- EMS Registry
- Other, please specify

CDC's Birth Record - Hospital Discharge Record Linkages Survey

40 Is there any other information you think we should know regarding hospital discharge and birth record linkages?

Submit