Sources of NIS Data and State-Specific Restrictions
2004

AR Arkansas Department of Health & Human Services

Confidentiality of Hospitals

Arkansas requested that the name and address of hospitals not be released in the NIS database. The following data elements were set to missing for all Arkansas hospitals:

- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

AZ Arizona Department of Health Services

No restrictions

CA Office of Statewide Health Planning & Development

Confidentiality of Records

- To meet California confidentiality requirements, admission month (AMONTH), age in days, (AGEDAY), age in years (AGE), gender (FEMALE), and race (RACE), were suppressed for some records. In some cases, AGE was suppressed, but an age category was available. In these cases, we set AGE to the midpoint of the best available age category.

CO Colorado Health & Hospital Association

No restrictions

CT   CHIME, Inc.

Confidentiality of Hospitals

CHIME will be notified if more than 50% of their hospitals appear in any year of the NIS data.

- Thirty-three percent (33%) of the hospitals were sampled in the 2004 NIS; there was no need to notify the data source.

Confidentiality of Physicians

CHIME does not allow the release of physician identifiers. Beginning with 2000 data, CHIME did not supply physician identifiers to HCUP.

FL   Florida Agency for Health Care Administration

Confidentiality of Records

- Florida does not allow the release of admission month (AMONTH).

- Florida requested that age in days at admission (AGEDAY) be set to missing in the NIS.

GA   GHA: An Association of Hospitals & Health Systems

Confidentiality of Hospitals

To meet Georgia confidentiality requirements, hospitals were dropped from the sampling frame whenever there were fewer than two hospitals in a sampling stratum.

- In the 2004 NIS, no hospitals needed to be dropped from the sampling frame.

Georgia requested that hospitals not be identified in the NIS. The following data elements were set to missing for all Georgia hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

In order to further ensure the confidentiality of hospitals, stratifier data elements were set to missing if the cell, as defined by

- HOSP_CONTROL, control/ownership of hospital
- HOSP_LOCATION, location (urban/rural) of hospital
- HOSP_TEACH, teaching status of hospital
- HOSP_BEDSIZE, bed size of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

had fewer than two hospitals in the universe of Georgia hospitals.

Confidentiality of Records

Georgia requested that the patient's race (RACE) be set to missing in the NIS.

Confidentiality of Physicians

Georgia requested that the following data elements be set to missing in the NIS:

- First synthetic physician identifier (MDNUM1_R beginning in 2003, MDNUM1_S, from 2001 to 2002, or MDID_S, prior to 2001) and

- Second synthetic physician identifier (MDNUM2_R beginning in 2003, MDNUM2_S, from 2001 to 2002, or SURGID_S, prior to 2001).

HI   Hawaii Health Information Corporation

Confidentiality of Hospitals

Some Hawaii hospitals were dropped from the sampling frame to meet confidentiality requirements. Hospitals were dropped from the sampling frame whenever there were fewer than two hospitals in a sampling stratum.

- In the 2004 NIS, 3 out of 19 hospitals needed to be dropped from the sampling frame.

Hawaii requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all Hawaii hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

In order to further ensure the confidentiality of hospitals, stratifier data elements were set to missing if the cell, as defined by

- HOSP_CONTROL, control/ownership of hospital
- HOSP_LOCATION, location (urban/rural) of hospital
- HOSP_TEACH, teaching status of hospital
- HOSP_BEDSIZE, bed size of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

had fewer than two hospitals in the universe of Hawaii hospitals.

IA Iowa Hospital Association

Missing Discharges

Beginning in data year 2001, the Iowa Hospital Association prohibits the release of two types of discharges:

- HIV Infections (defined by MDC of 25) and

- Behavioral Health including chemical dependency care or psychiatric care (defined by a service code of BHV).

These discharges were not included in the source file provided to HCUP and were therefore not included in the NIS.

IL Illinois Department of Public Health (beginning in 2002) Illinois Health Care Cost Containment Council (prior to 2002)

Confidentiality of Hospitals

Illinois Health Care Cost Containment Council requested that no more than 40% of Illinois discharges appear in any discharge quarter of NIS data.

- Twenty-one percent (21%) of the discharges in Illinois were sampled in the 2004 NIS. No hospitals were dropped from the sampling frame.

Confidentiality of Physicians

Illinois does not allow the release of physician identifiers. Beginning with 1995 data, Illinois did not supply physician identifiers to HCUP.

IN   Indiana Hospital & Health Association

Confidentiality of Hospitals

To meet Indiana confidentiality requirements, hospitals were dropped from the sampling frame whenever there were fewer than two hospitals in a sampling stratum.

- In the 2004 NIS, two out of 105 hospitals needed to be dropped from the sampling frame.

Indiana requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all Indiana hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

In order to further ensure the confidentiality of hospitals, stratifier data elements were set to missing if the cell, as defined by

- HOSP_CONTROL, control/ownership of hospital
- HOSP_LOCATION, location (urban/rural) of hospital
- HOSP_TEACH, teaching status of hospital
- HOSP_BEDSIZE, bed size of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

had fewer than two hospitals in the universe of Indiana hospitals.

Confidentiality of Physicians

Indiana does not allow the release of physician identifiers.

KS   Kansas Hospital Association

Confidentiality of Hospitals

Kansas requested that hospitals not be identified in the NIS. The following data elements were set to missing for all Kansas hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

KY   Kentucky Department for Public Health

No restrictions

MA   Division of Health Care Finance and Policy

Confidentiality of Records

Massachusetts requested that age in days at admission (AGEDAY) be set to missing in the NIS.

Confidentiality of Physicians

Massachusetts requested that the following data elements be set to missing in the NIS:

- First synthetic physician identifier (MDNUM1_R beginning in 2003, MDNUM1_S, from 2001 to 2002, or MDID_S, prior to 2001) and
- Second synthetic physician identifier (MDNUM2_R beginning in 2003, MDNUM2_S, from 2001 to 2002, or SURGID_S, prior to 2001).

MD   Health Services Cost Review Commission

No restrictions

MI   Michigan Health & Hospital Association

Confidentiality of Hospitals

Some Michigan hospitals were dropped from the sampling frame for two reasons:

- To meet Michigan confidentiality requirements, hospitals were to be dropped from the sampling frame whenever there were fewer than two hospitals in a sampling stratum. In the 2004 NIS, one of 132 hospitals needed to be dropped from the sampling frame.

- 33 out of 132 hospitals were dropped from the sampling frame because they did not report total charges. These hospitals were fairly evenly distributed by hospital type. There were no sampling strata in the state containing only hospitals without total charges.

Michigan requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all Michigan hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

In order to further ensure the confidentiality of hospitals, stratifier data elements were set to missing if the cell, as defined by

- HOSP_CONTROL, control/ownership of hospital
- HOSP_LOCATION, location (urban/rural) of hospital
- HOSP_TEACH, teaching status of hospital
- HOSP_BEDSIZE, bed size of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

had fewer than two hospitals in the universe of Michigan hospitals.

MN   Minnesota Hospital Association

No restrictions

MO   Hospital Industry Data Institute

No restrictions

NC   North Carolina Department of Health and Human Services

Confidentiality of Physicians

North Carolina requested that the following data elements be set to missing in the NIS:

- First synthetic physician identifier, MDNUM1_S, from 2001 to 2002, and MDNUM1_R, beginning in 2003
- Second synthetic physician identifier, MDNUM2_S, from 2001 to 2002, and MDNUM2_R, beginning in 2003.

NE   Nebraska Hospital Association

Confidentiality of Hospitals

Some Nebraska hospitals were dropped from the sampling frame for two reasons:

- To meet Nebraska confidentiality requirements, hospitals were dropped from the sampling frame whenever there were fewer than two hospitals in a sampling stratum. In the 2004 NIS, none out of 83 hospitals needed to be dropped from the sampling frame.

- Two out of 83 hospitals were dropped from the sampling frame because they had incomplete data and were missing a high percentage of Medicare Discharges.

Nebraska requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all Nebraska hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

In order to further ensure the confidentiality of hospitals, stratifier data elements were set to missing if the cell, as defined by

- HOSP_CONTROL, control/ownership of hospital
- HOSP_LOCATION, location (urban/rural) of hospital
- HOSP_TEACH, teaching status of hospital
- HOSP_BEDSIZE, bed size of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

had fewer than two hospitals in the universe of Nebraska hospitals.

Missing Discharges

The Nebraska Hospital Association prohibits the release of discharge records for patients with HIV diagnoses. These discharges were not included in the source file provided to HCUP and were therefore not included in the NIS.

NH   **New Hampshire Department of Health & Human Services**

Confidentiality of Records

New Hampshire requested that age in days at admission (AGEDAY) be set to missing in the NIS.

NJ   **New Jersey Department of Health & Senior Services**

No restrictions

NV   **Nevada Department of Human Resources**

No restrictions

NY   **New York State Department of Health**

No restrictions

OH   Ohio Hospital Association

Confidentiality of Hospitals

To meet Ohio confidentiality requirements, hospitals were to be dropped from the sampling frame whenever there were fewer than two hospitals in a sampling stratum.

- In the 2004 NIS, no hospitals needed to be dropped from the sampling frame.

In addition, three hospitals were dropped from the sampling frame to meet additional Ohio confidentiality requirements.

Ohio requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all Ohio hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

In order to further ensure the confidentiality of hospitals, stratifier data elements were set to missing if the cell, as defined by

- HOSP_CONTROL, control/ownership of hospital
- HOSP_LOCATION, location (urban/rural) of hospital
- HOSP_TEACH, teaching status of hospital
- HOSP_BEDSIZE, bed size of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

had fewer than two hospitals in the universe of Ohio hospitals.

Confidentiality of Physicians

Ohio does not allow the release of physician identifiers.

OR   Oregon Association of Hospitals & Health Systems

No restrictions

RI   Rhode Island Department of Health

No restrictions

SC   South Carolina State Budget & Control Board

Confidentiality of Hospitals

Some South Carolina hospitals were dropped from the sampling frame to meet confidentiality requirements. Hospitals were dropped from the sampling frame whenever there were fewer than two hospitals in a sampling stratum.

- In the 2004 NIS, five out of 56 hospitals needed to be dropped from the sampling frame in order to protect the confidentiality of the hospitals.

South Carolina requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all South Carolina hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

In order to further ensure the confidentiality of hospitals, stratifier data elements were set to missing if the cell, as defined by

- HOSP_CONTROL, control/ownership of hospital
- HOSP_LOCATION, location (urban/rural) of hospital
- HOSP_TEACH, teaching status of hospital
- HOSP_BEDSIZE, bed size of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

had fewer than two hospitals in the universe of South Carolina hospitals.

Confidentiality of Records

South Carolina requested that age in days at admission (AGEDAY) be set to missing in the NIS.

SD   South Dakota Association of Healthcare Organizations

Confidentiality of Hospitals

Some South Dakota hospitals were dropped from the sampling frame to meet confidentiality requirements. Hospitals were dropped from the sampling frame whenever there were fewer than two hospitals in a sampling stratum.

- In the 2004 NIS, three out of 48 hospitals needed to be dropped from the sampling frame in order to protect the confidentiality of the hospitals.

South Dakota requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all South Dakota hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

In order to further ensure the confidentiality of hospitals, stratifier data elements were set to missing if the cell, as defined by

- HOSP_CONTROL, control/ownership of hospital
- HOSP_LOCATION, location (urban/rural) of hospital
- HOSP_TEACH, teaching status of hospital
- HOSP_BEDSIZE, bed size of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

had fewer than two hospitals in the universe of South Dakota hospitals.

TN   Tennessee Hospital Association

Confidentiality of Hospitals

Some Tennessee hospitals were dropped from the sampling frame to meet confidentiality requirements. Hospitals were dropped from the sampling frame whenever there were fewer than two hospitals in a sampling stratum.

- In the 2004 NIS, no hospitals needed to be dropped from the sampling frame in order to protect the confidentiality of the hospitals.

Tennessee requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all Tennessee hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- IDNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

In order to further ensure the confidentiality of hospitals, stratifier data elements were set to missing if the cell, as defined by

- HOSP_CONTROL, control/ownership of hospital
- HOSP_LOCATION, location (urban/rural) of hospital
- HOSP_TEACH, teaching status of hospital
- HOSP_BEDSIZE, bed size of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

had fewer than two hospitals in the universe of Tennessee hospitals.

TX	Texas Department of State Health Services (2004)
	Texas Health Care Information Council (prior to 2004)

Confidentiality of Hospitals

Texas requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all Texas hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, modified county FIPS code
- HFIPSSTCO, hospital state, unmodified county FIPS code
- DNUMBER, AHA hospital identifier without leading 6
- AHAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

Confidentiality of Records

- Texas requested that age in days at admission (AGEDAY) be set to missing in the NIS.

- Texas requested that age in years (AGE) be set to the midpoints of age ranges defined by THCIC. There were 22 age groups for the general patient population and 5 age groups for the HIV or alcohol/drug use patients. The age groups are shown below:

Texas Restriction on AGE for General Patient Population other than HIV or Drug/Alcohol Use Patients	
Age Range	New value of AGE
0	0
1-4	2
5-9	7
10-14	12
15-17	16
18-19	19
20-24	22
25-29	27
30-34	32
35-39	37
40-44	42
45-49	47
50-54	52
55-59	57
60-64	62
65-69	67
70-74	72
75-79	77

Sources of NIS Data and State-Specific Restrictions
2004

Texas Restriction on AGE for General Patient Population other than HIV or Drug/Alcohol Use Patients	
Age Range	New value of AGE
80-84	82
85-89	87
90 and above	90

Texas Restriction on AGE for HIV or Drug/Alcohol Use Patients	
Age Range	New value of AGE
0	0
1-17	8
18-44	31
45-64	54
65-74	69
75 and above	75

The HIV or drug/alcohol use patients were identified by any principal or secondary diagnosis code on the record having the first four characters equal to one of the values in the following list: '2910', '2911', '2912', '2913', '2914', '2915', '2918', '2919', '2920', '2921', '2922', '2928', '2929', '3030', '3039', '3040', '3041', '3042', '3043', '3044', '3045', '3046', '3047', '3048','3049', '3050', '3052', '3053', '3054', '3055', '3056', '3057', '3058', '3059', '7903', 'V08', and '042 '.

UT   Utah Department of Health

Confidentiality of Physicians

Utah requested that the following data elements be set to missing in the NIS:

- First synthetic physician identifier (MDNUM1_R, beginning in 2003, MDNUM1_S, from 2001 to 2002, or MDID_S, prior to 2001) and
- Second synthetic physician identifier (MDNUM1_R, beginning in 2003, MDNUM2_S, from 2001 to 2002, or SURGID_S, prior to 2001).

VA   Virginia Health Information

Confidentiality of Hospitals

The Nationwide Inpatient Sample may not include more than 50% of the hospitals in Virginia.

- Twenty-three percent (23%) of the hospitals in Virginia were sampled for the 2004 NIS.

VT   Vermont Association of Hospitals and Health Systems

Confidentiality of Physicians

Vermont requested that the following data elements be set to missing in the NIS:

- First synthetic physician identifier: MDNUM1_R, beginning in 2003, and MDNUM1_S, from 2001 to 2002, and
- Second synthetic physician identifier: MDNUM2_R, beginning in 2003, and MDNUM2_S, from 2001 to 2002.

WA   Washington State Department of Health

No restrictions

WI   Wisconsin Department of Health & Family Services

No restrictions

WV   West Virginia Health Care Authority

Confidentiality of Physicians

Beginning in 2004, West Virginia requested that the following data elements be set to missing in the NIS:

- First synthetic physician identifier: MDNUM1_R
- Second synthetic physician identifier: MDNUM2_R.