Sources of NIS Data and State-Specific Restrictions
2002

AZ   Arizona Department of Health Services
(Data not available in the 2002 NIS)

No restrictions

CA   Office of Statewide Health Planning & Development

No restrictions

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.

- Twenty-six percent (26%) of the hospitals were sampled in the 2002 NIS; there was no need to notify the data source.

Confidentiality of Physicians

CHIME does not allow the release of physician identifiers. In 2002, 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). In 2002, Florida did not supply AMONTH, admission month to HCUP.

- 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 confidentiality requirements required by Georgia, hospitals were to be dropped from the sampling frame whenever there were fewer than two hospitals in the sampling stratum. In the 2002 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 are set to missing for all Georgia hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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, bedsize 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_S, beginning in 2001, or MDID_S, prior to 2001) and
- Second synthetic physician identifier (MDNUM2_S, beginning in 2001, 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 the sampling stratum.

- In the 2002 NIS, 4 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 are set to missing for all Hawaii hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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, bedsize 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 are 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-five percent (25%) of the discharges in Illinois were sampled in the 2002 NIS. No hospitals were dropped from the sampling frame.

Confidentiality of Physicians

Illinois does not allow the release of physician identifiers. In 2002, Illinois did not supply physician identifiers to HCUP.

KS   Kansas Hospital Association

Confidentiality of Hospitals

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

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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_S, beginning in 2001, or MDID_S, prior to 2001) and
- Second synthetic physician identifier (MDNUM2_S, beginning in 2001, or SURGID_S, prior to 2001).

MD   Health Services Cost Review Commission

No restrictions

ME   Maine Health Data Organization

No restrictions

MI   Michigan Health & Hospital Association

Confidentiality of Hospitals

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

- To meet confidentiality requirements required by Michigan, hospitals were to be dropped from the sampling frame whenever there were fewer than two hospitals in the sampling stratum. In the 2002 NIS, no hospitals needed to be dropped from the sampling frame.

- 34 out of 133 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. The weakest sampling strata in the state were small teaching hospitals, with only 4 out of 9 hospitals with total charges and medium teaching hospitals, with only 3 out of 9 hospitals with total charges.

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

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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, bedsize 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

Confidentiality of Hospitals

Some Missouri hospitals were dropped from the sampling frame because they did not give their permission to be included.

- In the 2002 NIS, 36 out of 108 hospitals needed to be dropped from the sampling frame because they did not give permission to be included.

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) and
- Second synthetic physician identifier (MDNUM2_S).

NE   Nebraska Hospital Association

Confidentiality of Hospitals

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

- To meet confidentiality requirements required by Nebraska, hospitals were dropped from the sampling frame whenever there were fewer than two hospitals in the sampling stratum. In the 2002 NIS, 1 out of 80 hospitals needed to be dropped from the sampling frame.

- 3 out of 80 hospitals were dropped from the sampling frame because they were unable to report a large percentage of their Medicare discharges to the Nebraska Hospital Association due to computer problems.

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

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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, bedsize 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 are therefore not included 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 confidentiality requirements required by Ohio, hospitals were to be dropped from the sampling frame whenever there were fewer than two hospitals in the sampling stratum. In the 2002 NIS, no hospitals needed to be dropped from the sampling frame.

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

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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, bedsize of hospital

- HOSP_LOCTEACH, location/teaching status of hospital

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

OR   Oregon Association of Hospitals & Health Systems

No restrictions

PA   Pennsylvania Health Care Cost Containment Council

Confidentiality of Records

Pennsylvania requested that patient age (AGE) be set to the midpoint of 5-year intervals for records in the NIS with the following sensitive conditions: abortion, AIDS, mental illness, substance abuse and venereal disease. For cases with age in days (AGEDAY) greater than or equal to 0, AGEDAY will be set to missing. These sensitive conditions are defined by DRG, diagnoses, or procedure codes as specified in the table below:

Pennsylvania Restriction on AGE for Records with Sensitive Conditions			
Condition	DRGs or	Diagnoses or	Procedures
Abortion	380-381	635-6399 V617	6901-6902 6951-6959 7491 750
AIDS/HIV	488-490	042 79571 V08 V6544	N/A
Psychiatric	424-432	290-3029 306-319 E950-E9590 E980-E9899 V110-V119 V790 V798 V799	9421-9429 9431-9439 9441-9444 9451-9452 9459
Substance Abuse	433-437 521-523	303-30593 9800 V6542 V791	9445-9446 9453-9454 9461-9469
Venereal Disease	N/A	0900-0999 V027 V028	N/A

Pennsylvania Restriction on Disease Severity Measures

No disease severity adjustment data elements are included for Pennsylvania discharges in the 2002 NIS.

Pennsylvania Health Care Cost Containment Council
Publishing Disclaimer Requirement

The Pennsylvania Health Care Cost Containment Council requires that the following three paragraphs are listed in any publication that includes results derived from Pennsylvania data:

The Pennsylvania Health Care Cost Containment Council (PHC4) is an independent state agency responsible for addressing the problem of escalating health costs, ensuring the quality of health care, and increasing access to health care for all citizens regardless of ability to pay. PHC4 has provided data to this entity in an effort to further PHC4's mission of educating the public and containing health care costs in Pennsylvania.

PHC4, its agents and staff, have made no representation, guarantee, or warranty, express or implied, that the data: financial, patient, payor, and physician specific information provided to this entity, are error-free, or that the use of the data will avoid differences of opinion or interpretation.

This analysis was not prepared by PHC4. This analysis was done by [Entity Name]. PHC4, its agents and staff, bear no responsibility or liability for the results of the analysis, which are solely the opinion of this entity.

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 sampling stratum.

- In the 2002 NIS, 7 out of 58 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 are set to missing for all South Carolina hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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, bedsize 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 sampling stratum.

- In the 2002 NIS, 3 out of 44 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 are set to missing for all South Dakota hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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, bedsize 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 sampling stratum.

- In the 2002 NIS, 1 out of 114 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 are set to missing for all Tennessee hospitals:

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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, bedsize of hospital
- HOSP_LOCTEACH, location/teaching status of hospital

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

TX   Texas Health Care Information Council

Confidentiality of Hospitals

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

- DSHOSPID, data source hospital identifier
- HOSPSTCO, hospital state, 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

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 are 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
80-84	82
85-89	87

Sources of NIS Data and State-Specific Restrictions
2002

Texas Restriction on AGE for General Patient Population other than HIV or Drug/Alcohol Use Patients	
Age Range	New value of AGE
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 are 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', 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_S, beginning in 2001, or MDID_S, prior to 2001) and
- Second synthetic physician identifier (MDNUM2_S, beginning in 2001, 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 2002 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_S) and
- Second synthetic physician identifier (MDNUM2_S).

WA   Washington State Department of Health

No restrictions

WI   Wisconsin Department of Health & Family Services

No restrictions

WV   West Virginia Health Care Authority

No restrictions