

## Sources of NIS Data and State-Specific Restrictions 2005

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### AR Arkansas Department of Health & Human Services

#### Confidentiality of Hospitals

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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.

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### AZ Arizona Department of Health Services

No restrictions

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### CA Office of Statewide Health Planning & Development

#### Confidentiality of Records

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- 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.

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### CO Colorado Health & Hospital Association

No restrictions

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## Sources of NIS Data and State-Specific Restrictions 2005

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CT CHIME, Inc.

Confidentiality of Hospitals

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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

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

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FL Florida Agency for Health Care Administration

Confidentiality of Records

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- 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.

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## GA GHA: An Association of Hospitals & Health Systems

### Confidentiality of Hospitals

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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 2005 NIS, one out of 149 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
- AHAIID, 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

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

### Confidentiality of Physicians

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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

## Sources of NIS Data and State-Specific Restrictions 2005

- Second synthetic physician identifier (MDNUM2\_R beginning in 2003, MDNUM2\_S, from 2001 to 2002, or SURGID\_S, prior to 2001).

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### HI Hawaii Health Information Corporation

#### Confidentiality of Hospitals

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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 2005 NIS, five out of 20 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
- AHAIID, 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.

## Sources of NIS Data and State-Specific Restrictions 2005

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### IA Iowa Hospital Association

#### Missing Discharges

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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.

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

#### Confidentiality of Hospitals

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

- Nearly twenty-one percent (20.7%) of the discharges in Illinois were sampled in the 2005 NIS. No hospitals were dropped from the sampling frame.

#### Confidentiality of Physicians

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

## Sources of NIS Data and State-Specific Restrictions 2005

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### IN Indiana Hospital & Health Association

#### Confidentiality of Hospitals

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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 2005 NIS, one out of 108 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
- AHAIID, 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.

## Sources of NIS Data and State-Specific Restrictions 2005

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### KS Kansas Hospital Association

#### Confidentiality of Hospitals

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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
- AHAAID, AHA hospital identifier with leading 6
- HOSPNAME, hospital name
- HOSPCITY, hospital city
- HOSPADDR, hospital address
- HOSPZIP, hospital ZIP Code.

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### KY Kentucky Department for Public Health

No restrictions

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### MA Division of Health Care Finance and Policy

#### Confidentiality of Records

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

#### Confidentiality of Physicians

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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).

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### MD Health Services Cost Review Commission

No restrictions

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## Sources of NIS Data and State-Specific Restrictions 2005

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### MI Michigan Health & Hospital Association

#### Confidentiality of Hospitals

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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 2005 NIS, one of 144 hospitals needed to be dropped from the sampling frame.
- Thirty-four out of 144 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
- AHAIID, 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.

## Sources of NIS Data and State-Specific Restrictions 2005

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MN Minnesota Hospital Association

No restrictions

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MO Hospital Industry Data Institute

No restrictions

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NC North Carolina Department of Health and Human  
Services

Confidentiality of Physicians

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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.

# Sources of NIS Data and State-Specific Restrictions 2005

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## NE Nebraska Hospital Association

### Confidentiality of Hospitals

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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 2005 NIS, one out of 84 hospitals needed to be dropped from the sampling frame.
- One out of 84 hospitals was 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
- AHAIID, 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

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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.

## Sources of NIS Data and State-Specific Restrictions 2005

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NH            New Hampshire Department of Health & Human Services

Confidentiality of Records

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

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NJ            New Jersey Department of Health & Senior Services

No restrictions

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NV            Nevada Department of Human Resources

No restrictions

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NY            New York State Department of Health

No restrictions

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## Sources of NIS Data and State-Specific Restrictions 2005

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### OH Ohio Hospital Association

#### Confidentiality of Hospitals

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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 2005 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.

## Sources of NIS Data and State-Specific Restrictions 2005

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### OK Oklahoma State Department of Health

#### Confidentiality of Hospitals

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

- In the 2005 NIS, two out of 131 hospitals needed to be dropped from the sampling frame.

Oklahoma requested that hospitals not be identified in the NIS database. The following data elements were set to missing for all Oklahoma 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
- AHAIID, 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 Oklahoma hospitals.

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### OR Oregon Association of Hospitals & Health Systems

No restrictions

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## Sources of NIS Data and State-Specific Restrictions 2005

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RI Rhode Island Department of Health

No restrictions

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SC South Carolina State Budget & Control Board

Confidentiality of Hospitals

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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 2005 NIS, two 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
- AHAIID, 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

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

## Sources of NIS Data and State-Specific Restrictions 2005

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### SD South Dakota Association of Healthcare Organizations

#### Confidentiality of Hospitals

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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 2005 NIS, three out of 47 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.

## Sources of NIS Data and State-Specific Restrictions 2005

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### TN Tennessee Hospital Association

#### Confidentiality of Hospitals

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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 2005 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.

## Sources of NIS Data and State-Specific Restrictions 2005

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 2005

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'.

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### 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).

## Sources of NIS Data and State-Specific Restrictions 2005

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### VT Vermont Association of Hospitals and Health Systems

Confidentiality of Physicians

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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.

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### WA Washington State Department of Health

No restrictions

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### WI Wisconsin Department of Health & Family Services

No restrictions

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### WV West Virginia Health Care Authority

Confidentiality of Physicians

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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.