## Codebook: Identifying NIS Readmissions 45 Variables 1320526 Observations

|  |                                   | 45 Vai                     | riables                 | 1                       | 32032            | 6 U             | ose                   | rvatic       | ons             |                |                  |   |
|--|-----------------------------------|----------------------------|-------------------------|-------------------------|------------------|-----------------|-----------------------|--------------|-----------------|----------------|------------------|---|
| KEY : HCUF   | record                            | identif                    | ier                     |                         |                  |                 |                       |              |                 |                | ı .l             | П |
| n<br>1320526<br>.05<br>9200910244993<br>.90<br>42200911248690<br>lowest: 92009<br>highest: 502009  | 25200910<br>42200911<br>910000001 | .95<br>832041<br>920091    | 1<br>4200910<br>0000003 | 92009                   | 3620091          | 10646;<br>04 9: | .50<br>588 4<br>20091 | 000000       | 018318<br>5 920 | 92<br>75<br>89 | 000006<br>037571 |   |
| HOSPID : HOS | CUP ho                            | spital id<br>unique<br>129 |                         | Cation<br>Mean<br>34439 | .05              |                 | .10                   | .25<br>34064 | 361             | 50             | .75<br>42028     |   |
| lowest : 9028<br>highest: 44003  |                                   |                            |                         |                         |                  |                 |                       |              |                 |                |                  |   |
| $ \mathbf{AGE} : \mathbf{Age} \text{ in} $ $ \begin{array}{c}     1320413 \end{array} $  |                                   | at admi<br>unique<br>111   |                         | Mean<br>55.36           | .05<br>16        | .10             | .25                   | .50<br>58    | .75<br>75       | .90<br>84      |                  |   |
| lowest : 0   | 1 2                               | 3 4, h                     | ighest:                 | 106 10                  | 7 108 1          | 109 1           | 10                    |              |                 |                |                  |   |
| AMONTH : A   |                                   | on mon<br>unique<br>12     | Info<br>0.99            |                         | .05              | .10             | .25                   | .50          | .75<br>9        | .90<br>11      | .95<br>12        |   |
| Trequency 10346  | 9 8<br>1 12                       | 114015<br>9                | 109410<br>8             | 5<br>109049<br>8        | 6<br>111232<br>9 | 11109           | 7<br>97 10<br>9       | 7730 1<br>8  | 9<br>07310<br>8 | 1094           | 10<br>74<br>8    |   |
| DIED : Died 1320231 0 (1291106, 98%  | missing<br>295                    | unique<br>2                |                         | n                       |                  |                 |                       |              |                 |                |                  |   |
| DISPUB04:  | Disposi<br>missing                |                            | patien                  | t (UB-                  | 04 sta           | ndar            | d co                  | ding)        |                 |                |                  |   |

missing unique 11815 22

lowest : 1 2 3 4 5 , highest: 63 64 65 66 70

| DISPUNIFORM: Disposition of patient (uniform)  | form)   |
|--|---|
| n missing unique<br>1320231 295 7  | ,   |
| 1 2 5 6 7 20 99 Frequency 848619 32025 209585 178708 22166 29125 3 % 64 2 16 14 2 2 0        | 3   |
| DQTR : Discharge quarter  n missing unique Info Mean 1303766 16760 4 0.94 2.49               |   |
| 1 (327321, 25%), 2 (329939, 25%), 3 (326570, 25%),   | 4 (319936, 25%)                                       |
| DSHOSPID  n missing unique  1308955 11571 138  |   |
| lowest : 00060 001 00150 00170 00222<br>highest: S0480 S0640 S0740 S1110 T0150               |   |
| ELECTIVE : Elective versus non-elective adm:  1320526 0 2  0 (1044356, 79%), 1 (276170, 21%) | nission   |
| FEMALE: Indicator of sex  n missing unique 1320492 34 2  0 (572910, 43%), 1 (747582, 57%)    |   |
| LOS : Length of stay (cleaned)  n missing unique Info Mean .05 1320479 47 272 0.98 5.123 1   | .10 .25 .50 .75 .90 .95<br>1 2 3 6 10 15              |
| lowest: 0 1 2 3 4, highest: 335 338 348  | 349 357   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| lowest: 0 1 2 3 4, highest: 16 17 18 19 20   |   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  | .10 .25 .50 .75 .90 .95<br>2 4 7 9 14 15              |
| lowest : 0 1 2 3 4, highest: 26 27 28 29 30  |   |
|  |   |

| PAY1 : Primary expected payer (uniform)   |
|---|
| n missing unique<br>1318729 1797 6  |
| 1510129 1797 0  |
| 1 2 3 4 5 6 Frequency 562648 232292 404991 83859 4970 29969 % 43 18 31 6 0 2  |
| PL_NCHS2006: Patient Location: NCHS Urban-Rural Code (V2006)  |
| n missing unique 1178014 142512 6   |
| 1 2 3 4 5 6 Frequency 411334 395780 199508 33037 109457 28898 % 35 34 17 3 9 2  |
| RACE : Race (uniform)   |
| n missing unique<br>1304083 16443 6   |
| 1 2 3 4 5 6 Frequency 887221 183216 124841 24408 3050 81347 % 68 14 10 2 0 6  |
| TOTCHG : Total charges (cleaned)  |
| n missing unique Info Mean .05 .10 .25 .50 .75 .90 .95 1320003 523 152619 1 33385 4303 5821 9650 18101 35766 69641 106619 |
| lowest: 108 109 112 113 120<br>highest: 1490341 1490787 1493411 1494763 1499171   |
| TRAN_IN: Transfer in indicator  n missing unique 1311931 8595 3   |
| 0 (1228214, 94%), 1 (48315, 4%), 2 (35402, 3%)  |
| YEAR : Calendar year  |
| n missing unique Info Mean<br>1320526 0 1 0 2009  |
| ZIPINC_QRTL : Median household income national quartile for patient ZIP Code  n missing unique 1220759 99767 4            |
| 1 (255818, 21%), 2 (258557, 21%), 3 (290604, 24%), 4 (415780, 34%)  |
| H_CONTRL: Control/ownership of hospital  n missing unique Info Mean 1320526 0 3 0.38 1.942                                |
| 1 (137320, 10%), 2 (1122856, 85%), 3 (60350, 5%)  |
|   |

| $egin{array}{ccc} {f HOSPNAME} & {f n} & {f missing} & {f v} \ 1308955 & 11571 \end{array}$ | ınique<br>123                             |                                   |   |                         |
|---|---|-----------------------------------|---|-------------------------|
| lowest : Alice Peck Day M<br>highest: Waynesboro Hospi                                      |   |                                   | cicare Regional Medical (<br>orth-Douglass Hospital | Center                  |
| HOSPST<br>n missing v<br>1320526 0  | ınique<br>9                               |                                   |   |                         |
| CT MA<br>Frequency 88931 124432 11<br>% 7 9   | ME NH NJ<br>1571 37400 208739<br>1 3 16   | NY PA<br>489810 330265 2<br>37 25 | RI VT<br>26424 2954<br>2 0                          |                         |
| HOSPZIP<br>n missing u<br>1308955 11571   | ınique<br>119                             |                                   |   |                         |
| lowest : 01040 01086 0130<br>highest: 19128 19134 1914                                      | 01 01550 01702<br>00 19380 19390          |                                   |   |                         |
| HOSP_BEDSIZE : Bed<br>n missing u<br>1320526 0  | d size of hospita                         | d (STRATA)                        |   |                         |
| 1 (206190, 16%), 2 (35213   | 39, 27%), 3 (76219                        | 97, 58%)                          |   |                         |
| HOSP_LOCTEACH: 1  n missing to 1320526 0  | Location/teachi<br><sup>1nique</sup><br>3 | ng status of h                    | ospital (STRATA)                                    |                         |
| 1 (118349, 9%), 2 (389689   | ), 30%), 3 (812488                        | 3, 62%)                           |   |                         |
|   | J <b>nique grouped</b><br>unique<br>94274 | chronic condi                     | tion diagnosis (CCS),                               | order of di-            |
| lowest : 1<br>highest: 99.98.663.661.66   | 1.128.10<br>60.112.62 99.98.87            | 06.63<br>7                        | 1.138<br>99.98.89.88                                | 1.203.158<br>99.98.94   |
|   | nique grouped o<br>unique<br>339770       | chronic condit                    | ion diagnosis (CCS), s                              | sorted                  |
| lowest : 1<br>highest: 99.660.661.663   | 1.1<br>99.                                | 101.106.108.127.<br>.660.663      | .131.146.155 1.101.108.12<br>99.661                 | 27                      |
|   | que chronic con<br>unique<br>148940       | dition body sy                    | ystem, order of diagno                              | esis                    |
| lowest : 1<br>highest: 9.8.7.6.5.13.16.   | 1.10<br>9.8.7.6.                          | .5.17.16                          | 1.10.12<br>9.8.7.6.5.18                             | 1.10.12.13<br>9.8.7.6.5 |
|   |   |                                   |   |                         |

| 132050   | n missi                       |                  | ıe                          | conditio                        | on body                     | system            | , sorted                      | d                     |                    |               |
|--|-------------------------------|------------------|-----------------------------|---------------------------------|-----------------------------|-------------------|-------------------------------|-----------------------|--------------------|---------------|
| lowest : 1<br>highest: 9.                      | 16.17.18                      | 1.10<br>9.16.1   | .8                          | 1.10.11<br>9.17                 | 1.1<br>9.1                  | 10.11.12<br>17.18 | 1.10<br>9.18                  | .11.12.16             |                    |               |
| DXCCS_0  | n missi                       |                  | ıe                          | is 1-3 (C                       | CCS), or                    | der of o          | diagnos                       | is                    |                    |               |
| lowest : 1<br>highest: 99                      | .98.83                        |                  | 1.10<br>99.98.83            | 3.23.663                        | 1.10<br>99.98               | .106<br>3.84      |                               | 1.100.106<br>99.98.94 |                    | 1.10<br>99.98 |
| DXCCS_S  | n missi                       | -                | ie .                        | s 1-3 (C                        | CS), sor                    | ted               |                               |                       |                    |               |
| lowest : 1<br>highest: 99                      | .660.661                      |                  | 1.10<br>99.660              | . 663                           |                             | 10.106<br>.661    |                               | 1.10.1<br>99.661      | .06.113.152<br>663 | ? ;           |
| 132052   | n missi<br>6                  | ng uniqu<br>0    | 2 0.04                      | 2009                            |                             |                   |                               |                       |                    |               |
| 2008 (16246                                    | , 1%), 2                      | 009 (13042       | 280, 99%                    | )                               |                             |                   |                               |                       |                    |               |
| 130376   | n missir                      | ng unique        | Info                        | ar and 1<br>Mean<br>200905      | nonth<br>.05<br>200901      | .10<br>200902     | .25<br>200903                 | .50<br>200906         | .75<br>200909      | .90<br>20091  |
| 20<br>Frequency 1<br>% 20<br>Frequency 10<br>% | 1<br>0910 20091<br>9474 10346 | 9 8<br>.1 200912 | 0903 2009<br>4015 1094<br>9 | 904 200905<br>110 109049<br>8 8 | 200906 20<br>111232 11<br>9 |                   | 08 200909<br>30 107310<br>8 8 |                       |                    |               |
| DIEDQTI<br>n<br>51225                          | RSTAR<br>missing<br>126930    | g unique         | irst mo                     | nth of q<br>Mean<br>5.463       | uarter i                    | n which           | patien                        | t died                |                    |               |
| 1 (13037, 2                                    | 5%), 4 (                      | 12770, 25%       | (), 7 (12                   | 2824, 25%                       | ), 10 (12                   | 2594, 25%         | (,)                           |                       |                    |               |
| DIEDYR<br>51225                                | MO : Co<br>missing<br>126930  | g unique         | Info                        | Mean<br>200905                  | of deatl                    | n (mont           | h = fir                       | st mont               | h of quar          | ter)          |
| 200901 (130<br>200910 (125                     |                               | , 200904 (       | (12770, 2                   | 25%), 200                       | 907 (1282                   | 24, 25%)          |                               |                       |                    |               |
| HOSP_RU  | n missi                       |                  |                             | ocation                         | indicato                    | r                 |                               |                       |                    |               |
| 0 (1202177,                                    | 91%), 1                       | (118349,         | 9%)                         |                                 |                             |                   |                               |                       |                    |               |

| HOSP_TEACH: Hospital teaching status indicator  n missing unique  |
|---|
| 1320526 0 2   |
| 0 (508038, 38%), 1 (812488, 62%)  |
| HSANUM n missing unique 1308955 11571 102   |
| lowest : 22006 22015 22021 22022 22023<br>highest: 7007 7012 7015 7018 7020   |
| HSACITY  n missing unique 1308955 11571 102   |
| lowest : Allentown Ashland Atlantic City Auburn Batavia<br>highest: Waynesboro West Chester West Grove Westfield Wilkes-Barre |
| HSASTATE  n missing unique 1308955 11571 8  |
| CT MA NH NJ NY PA RI VT<br>Frequency 88931 124432 37400 208739 489810 330265 26424 2954<br>% 7 10 3 16 37 25 2 0              |
| HRRNUM n missing unique 1308955 11571 37  |
| lowest : 110 111 222 227 230, highest: 358 359 360 362 364  |
| HRRCITY  n missing unique 1308955 11571 37  |
| lowest : Albany Allentown Binghamton Boston Bronx<br>highest: Springfield Syracuse White Plains Wilkes-Barre Worcester        |
| HRRSTATE  n missing unique 1320526 0 8  |
| CT MA ME NH NJ NY PA RI<br>Frequency 88931 124432 18580 33345 195020 488763 345031 26424<br>% 7 9 1 3 15 37 26 2              |
|   |