```
      ------------------------------------------------------------------------------
      name:  <unnamed>
       log:  /Users/nabarun/Dropbox/Projects/Dix Park Intake/DixIntakeLedgerCodebook.txt
  log type:  text
 opened on:  28 Jan 2020, 13:56:42


.                           codebook, h n


          Dataset:  DixLedgerDeidentified_clean.dta
       Last saved:  28 Jan 2020 13:56
                    DATA HAVE CHANGED SINCE LAST SAVED

            Label:  [none]
Number of variables:  58
Number of observations:  7,479
             Size:  4,913,703 bytes ignoring labels, etc.

_dta:
  1.  Dataset for Dix Park (Raleigh) Intake Ledger. Dataset created by N. Dasgupta based on original
      data from Sarah Almong. See OpioidData.org for more details.

------------------------------------------------------------------------------------
patientid                                                            Patient ID
------------------------------------------------------------------------------------

             type:  numeric (int)

            range:  [0,7491]                  units:  1
    unique values:  7,467              missing .:  0/7,479

             mean:  3740.22
        std. dev:  2165.71

      percentiles:      10%       25%       50%       75%       90%
                        744      1864      3732      5624      6746


------------------------------------------------------------------------------------
patientnumberext                                               Patient Number Ext
------------------------------------------------------------------------------------

             type:  string (str1)
```

```
        unique values:  2                              missing "":  7,470/7,479

           tabulation:  Freq.  Value
                        7,470  ""
                            5  "A"
                            4  "B"

------------------------------------------------------------------------------------------------
locatedin                                                                            Located In
------------------------------------------------------------------------------------------------

                 type:  numeric (int)

                range:  [1,7480]                           units:  1
        unique values:  318                            missing .:  0/7,479

                 mean:  3742.65
            std. dev:  2157.36

          percentiles:        10%       25%       50%       75%       90%
                              725      1877      3756      5621      6733

------------------------------------------------------------------------------------------------
occupationastranscribed                                              Occupation as Transcribed
------------------------------------------------------------------------------------------------

                 type:  string (str39)

        unique values:  554                           missing "":  1,542/7,479

             examples:  ""
                        "Farmer"
                        "House work"
                        "Mill operator"

              warning:  variable has embedded blanks


------------------------------------------------------------------------------------------------
occupationcleaned                                                      Occupation Cleaned
------------------------------------------------------------------------------------------------
```

```
              type:  string (str34)

     unique values:  242                          missing "":  25/7,479

           examples:  "farmer"
                      "housewife"
                      "minister"
                      "no entry"

            warning:  variable has embedded blanks

----------------------------------------------------------------------------------------------------
occupationcategory                                                              Occupation Category
----------------------------------------------------------------------------------------------------

              type:  string (str33)

     unique values:  41                           missing "":  34/7,479

           examples:  "agriculture"
                      "household"
                      "none"
                      "unknown"

            warning:  variable has embedded blanks

----------------------------------------------------------------------------------------------------
dateofadmission                                                                 Date of Admission
----------------------------------------------------------------------------------------------------

              type:  string (str10)

     unique values:  5,500                        missing "":  29/7,479

           examples:  "1882-12-15"
                      "1897-11-08"
                      "1906-12-01"
                      "1913-05-08"

----------------------------------------------------------------------------------------------------
```

```
admitdate                                                              Date of admission (cleaned)
-------------------------------------------------------------------------------------------------

                type:  numeric daily date (float)

               range:  [-37933,-15341]              units:  1
       or equivalently:  [22feb1856,31dec1917]        units:  days
        unique values:  5,498                        missing .:  31/7,479

                mean:  -22796.8 = 01aug1897 (+ -19 hours)
            std. dev:    6331.5

         percentiles:        10%        25%        50%        75%        90%
                           -33839     -26485   -21079.5    -17568     -16389
                         09may1867 27jun1887 15apr1902 26nov1911 17feb1915


-------------------------------------------------------------------------------------------------
disdate                                                               Date of discharge (cleaned)
-------------------------------------------------------------------------------------------------

                type:  numeric daily date (float)

               range:  [-40170,-4052]               units:  1
       or equivalently:  [07jan1850,27nov1948]        units:  days
        unique values:  3,373                        missing .:  1,254/7,479

                mean:  -22823.4 = 05jul1897 (+ -10 hours)
            std. dev:    6099.51

         percentiles:        10%        25%        50%        75%        90%
                           -33340     -26764     -21482    -17621     -16445
                         19sep1868 21sep1886 09mar1901 04oct1911 23dec1914


-------------------------------------------------------------------------------------------------
year                                                                         Year of admission
-------------------------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [1856,1917]                  units:  1
        unique values:  62                          missing .:  31/7,479
```

```
               mean:   1897.09
          std. dev:    17.3406

       percentiles:       10%        25%        50%        75%        90%
                         1867       1887       1902       1911       1915


--------------------------------------------------------------------------------------------
admitmonth                                                             Month of admission
--------------------------------------------------------------------------------------------

               type:   numeric (float)
              label:   month

              range:   [1,12]                        units:  1
      unique values:   12                        missing .:  31/7,479

           examples:   3      M
                       5      M
                       8      A
                       10     O


--------------------------------------------------------------------------------------------
dayofweek                                         Day of the week of admission date 0=Sunday
--------------------------------------------------------------------------------------------

               type:   numeric (float)
              label:   week

              range:   [0,6]                         units:  1
      unique values:   7                         missing .:  31/7,479

         tabulation:   Freq.    Numeric  Label
                         395          0  Sun
                       1,023          1  Mon
                       1,423          2  Tue
                       1,364          3  Wed
                       1,147          4  Thu
                       1,141          5  Fri
                         955          6  Sat
                          31          .
```

```
-------------------------------------------------------------------------------------------------
gender                                                                               (unlabeled)
-------------------------------------------------------------------------------------------------

            type:   string (str1)

   unique values:   2                                     missing "":  123/7,479

      tabulation:   Freq.   Value
                      123   ""
                    3,525   "F"
                    3,831   "M"

-------------------------------------------------------------------------------------------------
sex                                                                                    0=female
-------------------------------------------------------------------------------------------------

            type:   numeric (float)
           label:   mf

           range:   [0,1]                                    units:  1
   unique values:   2                                     missing .:  123/7,479

      tabulation:   Freq.    Numeric  Label
                    3,525          0  female
                    3,831          1  male
                      123          .

-------------------------------------------------------------------------------------------------
age                                                              Age at admission in years (cleaned)
-------------------------------------------------------------------------------------------------

            type:   numeric (double)

           range:   [0,90]                                   units:  .1
   unique values:   89                                    missing .:  248/7,479

            mean:   38.3751
        std. dev:   14.2883
```

```
          percentiles:          10%        25%        50%        75%        90%
                                  21         27         36         48         59


-------------------------------------------------------------------------------------------
maritalstatus                                                               Marital Status
-------------------------------------------------------------------------------------------

                  type:  string (str16)

         unique values:  7                              missing "":  181/7,479

            tabulation:  Freq.   Value
                           181   ""
                             4   "Divorced"
                         3,380   "Married"
                             7   "Married; Widowed"
                             1   "Separated"
                         3,224   "Single"
                             4   "Single; Married"
                           678   "Widowed"

               warning:  variable has embedded blanks

-------------------------------------------------------------------------------------------
numberofpreviousattacks                                          Number of Previous Attacks
-------------------------------------------------------------------------------------------

                  type:  string (str7)

         unique values:  30                             missing "":  922/7,479

              examples:  "1"
                         "1"
                         "1"
                         "2"

-------------------------------------------------------------------------------------------
supposedcauseofattackastranscrib                    Supposed Cause of Attack as Transcribed
-------------------------------------------------------------------------------------------

                  type:  string (str53)
```

```
        unique values:  1,415                    missing "":  199/7,479

             examples:  "Exposure"
                        "Irregular Monthly Periods"
                        "Religious Excitement"
                        "Unknown"

              warning:  variable has embedded blanks

------------------------------------------------------------------------------------------------
supposedcausecleaned1                                           Supposed Cause Cleaned #1
------------------------------------------------------------------------------------------------

                 type:  string (str32)

        unique values:  101                      missing "":  199/7,479

             examples:  "Epilepsy"
                        "Ill Health"
                        "Overwork"
                        "Unknown"

              warning:  variable has embedded blanks

------------------------------------------------------------------------------------------------
supposedcausecategory1                                          Supposed Cause Category #1
------------------------------------------------------------------------------------------------

                 type:  string (str11)

        unique values:  3                        missing "":  2,439/7,479

           tabulation:  Freq.   Value
                        2,439   ""
                        3,356   "Physical"
                            1   "SItuational"
                        1,683   "Situational"

------------------------------------------------------------------------------------------------
supposedcausecleaned2                                           Supposed Cause Cleaned #2
```

```
            -------------------------------------------------------------------------------

                       type:  string (str26)

               unique values:  52                              missing "":  7,146/7,479

                   examples:  ""
                              ""
                              ""
                              ""

                    warning:  variable has embedded blanks

            -------------------------------------------------------------------------------
supposedcausecategory2                                          Supposed Cause Category #2
            -------------------------------------------------------------------------------

                       type:  string (str11)

               unique values:  2                               missing "":  7,149/7,479

                  tabulation:  Freq.  Value
                              7,149  ""
                                154  "Physical"
                                176  "Situational"

            -------------------------------------------------------------------------------
durationofillnesspriortoadmissio                   Duration of Illness Prior to Admission (free text)
            -------------------------------------------------------------------------------

                       type:  string (str20)

               unique values:  263                             missing "":  190/7,479

                   examples:  "10 weeks"
                              "2 years"
                              "30 years"
                              "6 weeks"

                    warning:  variable has embedded blanks
```

```
--------------------------------------------------------------------------------
formastranscribed                                                Form as Transcribed
--------------------------------------------------------------------------------

             type:  string (str36)

    unique values:  608                        missing "":  524/7,479

          examples:  "Dementia"
                     "Mania"
                     "Mania, Chronic"
                     "Not Insane"

           warning:  variable has embedded blanks

--------------------------------------------------------------------------------
formcleaned                                                           Form Cleaned
--------------------------------------------------------------------------------

             type:  string (str42)

    unique values:  113                        missing "":  524/7,479

          examples:  "Epilepsy"
                     "Mania"
                     "Mania; Chronic"
                     "Manic Depressive"

           warning:  variable has embedded blanks

--------------------------------------------------------------------------------
ageatfirstattack                                                  Age at First Attack
--------------------------------------------------------------------------------

             type:  string (str5)

    unique values:  100                        missing "":  3,451/7,479

          examples:  ""
                     ""
                     "24"
```

```
                 "39"


-------------------------------------------------------------------------------------
intakecondition                                                      Intake Condition
-------------------------------------------------------------------------------------

              type:  string (str31)

      unique values:  7                            missing "":  5,144/7,479

         tabulation:  Freq.  Value
                      5,144  ""
                        739  "Hereditary"
                         13  "Hereditary; Puerperal"
                          7  "Hereditary; Puerperal; Suicidal"
                        296  "Hereditary; Suicidal"
                         70  "Puerperal"
                         33  "Puerperal; Suicidal"
                      1,177  "Suicidal"

           warning:  variable has embedded blanks

-------------------------------------------------------------------------------------
nativity                                                                     Nativity
-------------------------------------------------------------------------------------

              type:  string (str11)

      unique values:  43                           missing "":  373/7,479

           examples:  "NC"
                      "NC"
                      "NC"
                      "NC"


-------------------------------------------------------------------------------------
residence                                                                   Residence
-------------------------------------------------------------------------------------

              type:  string (str19)
```

```
           unique values:  110                          missing "":  14/7,479

                examples:  "Cumberland County"
                           "Halifax County"
                           "New Hanover County"
                           "Vance County"


                 warning:  variable has embedded blanks

-------------------------------------------------------------------------------------------------
numberofpreviousadmissions                                          Number of Previous Admissions
-------------------------------------------------------------------------------------------------

                    type:  string (str10)

           unique values:  7                            missing "":  6,019/7,479

               tabulation:  Freq.   Value
                           6,019   ""
                           1,318   "1"
                               1   "12/31/1899"
                             116   "2"
                              17   "3"
                               4   "4"
                               3   "5"
                               1   "6"


-------------------------------------------------------------------------------------------------
dateofdischarge                                                               Date of Discharge
-------------------------------------------------------------------------------------------------

                    type:  string (str10)

           unique values:  3,373                        missing "":  1,254/7,479

                examples:  "1860-12-31"
                           "1889-08-14"
                           "1901-11-30"
                           "1912-02-13"


-------------------------------------------------------------------------------------------------
```

```
lengthofstay                                                             Length of Stay
-----------------------------------------------------------------------------------------

                  type:  string (str11)

        unique values:  2,138                      missing "":  1,925/7,479

              examples:  ""
                         "0y;3m;0d"
                         "19y;8m;11d"
                         "29y;0m;1d"

               warning:  variable has embedded blanks

-----------------------------------------------------------------------------------------
dead                                                                        Infer dead
-----------------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,1]                          units:  1
        unique values:  2                          missing .:  0/7,479

            tabulation:  Freq.  Value
                         5,778  0
                         1,701  1

-----------------------------------------------------------------------------------------
better                                                                      (unlabeled)
-----------------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,1]                          units:  1
        unique values:  2                          missing .:  0/7,479

            tabulation:  Freq.  Value
                         3,533  0
                         3,946  1

-----------------------------------------------------------------------------------------
```

```
finalcondition                                                          Final Condition
---------------------------------------------------------------------------------------

               type:  string (str29)

      unique values:  33                        missing "":  1,736/7,479

           examples:  ""
                      "Cured"
                      "Cured"
                      "Died"


            warning:  variable has embedded blanks

---------------------------------------------------------------------------------------
remarksfreetext                                                     Remarks (free text)
---------------------------------------------------------------------------------------

               type:  string (strL)

      unique values:  1,490                     missing "":  3,044/7,479

           examples:  ""
                      ""
                      "Discharged"
                      "Exhaustion Tozemia of Pellagra"


            warning:  variable has embedded blanks

---------------------------------------------------------------------------------------
indicatedrace                                                             Indicated Race
---------------------------------------------------------------------------------------

               type:  string (str16)

      unique values:  2                         missing "":  10/7,479

         tabulation:  Freq.  Value
                         10  ""
                         47  "African American"
                      7,422  "Assumed White"
```

```
          warning:  variable has embedded blanks

-------------------------------------------------------------------------------------
counter                                                      Equals one for each row observation
-------------------------------------------------------------------------------------

             type:  numeric (float)

            range:  [1,1]                            units:  1
    unique values:  1                             missing .:  0/7,479

        tabulation:  Freq.  Value
                     7,479  1


-------------------------------------------------------------------------------------
marital                                                      Marital status at admission (recoded)
-------------------------------------------------------------------------------------

             type:  numeric (float)
            label:  marlabel

            range:  [1,4]                            units:  1
    unique values:  4                             missing .:  185/7,479

        tabulation:  Freq.    Numeric  Label
                     3,224          1  Single
                     3,380          2  Married
                       685          3  Widowed
                         5          4  Separated or Divorced
                       185          .


-------------------------------------------------------------------------------------
farmer                                                       infer farmer occupation
-------------------------------------------------------------------------------------

             type:  numeric (float)

            range:  [0,1]                            units:  1
    unique values:  2                             missing .:  0/7,479
```

```
           tabulation:  Freq.  Value
                        5,915  0
                        1,564  1


farmer:
  1.  regex from occupationcleaned = farm


-------------------------------------------------------------------------------------
healthpro                                             inferred health professional occupation
-------------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  0/7,479

           tabulation:  Freq.  Value
                        7,412  0
                           67  1


healthpro:
  1.  regex from occupationcleaned = doct|pharm|nurse|surg|physician|dentist


-------------------------------------------------------------------------------------
transfer                                                              (unlabeled)
-------------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [0,1]                        units:  1
        unique values:  2                        missing .:  0/7,479

           tabulation:  Freq.  Value
                        7,130  0
                          349  1


-------------------------------------------------------------------------------------
suicide                                                              (unlabeled)
-------------------------------------------------------------------------------------

                 type:  numeric (float)
```

```
              range:  [0,1]                              units:  1
      unique values:  2                               missing .:  0/7,479

          tabulation:  Freq.  Value
                       7,474  0
                           5  1


-------------------------------------------------------------------------------------
pellagra                                                                   (unlabeled)
-------------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [0,1]                              units:  1
      unique values:  2                               missing .:  0/7,479

          tabulation:  Freq.  Value
                       7,318  0
                         161  1


-------------------------------------------------------------------------------------
war                                                                        (unlabeled)
-------------------------------------------------------------------------------------

               type:  numeric (float)
              label:  yesno

              range:  [0,1]                              units:  1
      unique values:  2                               missing .:  0/7,479

          tabulation:  Freq.   Numeric  Label
                       7,439         0  No
                          40         1  Yes

war:
  1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
      recoded fields.


-------------------------------------------------------------------------------------
opiates                                                                    (unlabeled)
```

```
                   ------------------------------------------------------------------------------------

                            type:  numeric (float)
                           label:  yesno

                           range:  [0,1]                                    units:  1
                   unique values:  2                              missing .:  0/7,479

                      tabulation:  Freq.   Numeric  Label
                                   7,357         0  No
                                     122         1  Yes

opiates:
   1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
       recoded fields.

-----------------------------------------------------------------------------------------------------
alcohol                                                                                    (unlabeled)
-----------------------------------------------------------------------------------------------------

                            type:  numeric (float)
                           label:  yesno

                           range:  [0,1]                                    units:  1
                   unique values:  2                              missing .:  0/7,479

                      tabulation:  Freq.   Numeric  Label
                                   7,175         0  No
                                     304         1  Yes

alcohol:
   1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
       recoded fields.

-----------------------------------------------------------------------------------------------------
cocaine                                                                                    (unlabeled)
-----------------------------------------------------------------------------------------------------

                            type:  numeric (float)
                           label:  yesno
```

```
             range:  [0,1]                            units:  1
     unique values:  2                          missing .:  0/7,479

         tabulation:  Freq.   Numeric  Label
                      7,469         0  No
                         10         1  Yes

cocaine:
  1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
      recoded fields.

-------------------------------------------------------------------------------------------------
masturbation                                                                          (unlabeled)
-------------------------------------------------------------------------------------------------

              type:  numeric (float)
             label:  yesno

             range:  [0,1]                            units:  1
     unique values:  2                          missing .:  0/7,479

         tabulation:  Freq.   Numeric  Label
                      7,239         0  No
                        240         1  Yes

masturbation:
  1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
      recoded fields.

-------------------------------------------------------------------------------------------------
overwork                                                                              (unlabeled)
-------------------------------------------------------------------------------------------------

              type:  numeric (float)
             label:  yesno

             range:  [0,1]                            units:  1
     unique values:  2                          missing .:  0/7,479

         tabulation:  Freq.   Numeric  Label
                      7,348         0  No
```

```
                          131            1  Yes

overwork:
  1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
      recoded fields.

-------------------------------------------------------------------------------------------------
pregnancy                                                                              (unlabeled)
-------------------------------------------------------------------------------------------------

                   type:  numeric (float)
                  label:  yesno

                  range:  [0,1]                               units:  1
          unique values:  2                                   missing .:  0/7,479

             tabulation:  Freq.   Numeric  Label
                          7,328         0  No
                            151         1  Yes

pregnancy:
  1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
      recoded fields.

-------------------------------------------------------------------------------------------------
syphilis                                                                               (unlabeled)
-------------------------------------------------------------------------------------------------

                   type:  numeric (float)
                  label:  yesno

                  range:  [0,1]                               units:  1
          unique values:  2                                   missing .:  0/7,479

             tabulation:  Freq.   Numeric  Label
                          7,435         0  No
                             44         1  Yes

syphilis:
  1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
      recoded fields.
```

```
-------------------------------------------------------------------------------
menopause                                                           (unlabeled)
-------------------------------------------------------------------------------

                 type:  numeric (float)
                label:  yesno

                range:  [0,1]                           units:  1
        unique values:  2                          missing .:  0/7,479

           tabulation:  Freq.   Numeric  Label
                        7,402         0  No
                           77         1  Yes

menopause:
   1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
       recoded fields.

-------------------------------------------------------------------------------
hereditary                                                          (unlabeled)
-------------------------------------------------------------------------------

                 type:  numeric (float)
                label:  yesno

                range:  [0,1]                           units:  1
        unique values:  2                          missing .:  0/7,479

           tabulation:  Freq.   Numeric  Label
                        7,325         0  No
                          154         1  Yes

hereditary:
   1.  Dichotomous flag derived from regular expression search of cause of attack as transcribed or
       recoded fields.

-------------------------------------------------------------------------------
revisedlos                                                          (unlabeled)
-------------------------------------------------------------------------------
```

```
                    type:  string (str11)

           unique values:  1,982                          missing "":  1,925/7,479

                 examples:  ""
                            "0y;2m;27d"
                            "12y;5m;14d"
                            "1y;9m;20d"

-------------------------------------------------------------------------------------------
decade                                                              Decade of admission
-------------------------------------------------------------------------------------------

                    type:  numeric (float)
                   label:  decadelabel

                   range:  [1,7]                            units:  1
           unique values:  7                          missing .:  31/7,479

              tabulation:  Freq.    Numeric  Label
                            340          1   1850s
                            541          2   1860s
                            430          3   1870s
                            762          4   1880s
                          1,274          5   1890s
                          1,708          6   1900s
                          2,393          7   1910s
                             31          .

-------------------------------------------------------------------------------------------
disdecade                                                           Decade of discharge
-------------------------------------------------------------------------------------------

                    type:  numeric (float)
                   label:  decadelabel

                   range:  [1,8]                            units:  1
           unique values:  8                          missing .:  1,260/7,479

              tabulation:  Freq.    Numeric  Label
                            167          1   1850s
```

```
                          484           2  1860s
                          378           3  1870s
                          736           4  1880s
                        1,172           5  1890s
                        1,404           6  1900s
                        1,875           7  1910s
                            3           8  1920s
                        1,260           .
```

```
-------------------------------------------------------------------------------
weight                                  Constructed per-patient-visit weight by calendar DECADE
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [.04178855,.29411766]        units:  1.000e-08
        unique values:  7                        missing .:  31/7,479

           tabulation:  Freq.   Value
                        2,393   .04178855
                        1,708   .05854801
                        1,274   .07849293
                          762   .1312336
                          541   .18484288
                          430   .23255815
                          340   .29411766
                           31   .

.                                log close
      name:  <unnamed>
       log:  /Users/nabarun/Dropbox/Projects/Dix Park Intake/DixIntakeLedgerCodebook.txt
  log type:  text
 closed on:  28 Jan 2020, 13:56:45
-------------------------------------------------------------------------------
```