COMS W4111-002 (Fall 2021)
Introduction to Databases

Homework 2: Programming Implement a Simple Database Engine
15 Points

This assignment is due October 22, 11:59 pm EDT

Note: Please replace the information below with your last name, first name and UNI.

Gupta Tushar, tg2749

Submission

1. File > Print Preview > Save as PDF...
2. Upload .pdf and .ipynb to GradeScope

This assignment is due October 22, 11:59 pm EDT

Collaboration

- You may use any information you get in TA or Prof. Ferguson's office hours, from lectures or from recitations.
- You may use information that you find on the web.
- You are NOT allowed to collaborate with other students outside of office hours.

Part 1: Written & SQL

Written

Please keep your answers brief.

1. Codd's Fourth Rule states that: The data base description is represented at the logical level in the same way as ordinary data, so that authorized users can apply the same relational language to its interrogation as they apply to the regular data. In two sentences please explain this rule and why it is so important.

The rule says the below points:

- These metadata should also be stored as tables, rows and columns. It should also have access privileges, thus showing all properties of a database.
- We should be able to access these metadata by using same query language that we use to access the database.

It is important to ensure easy and standardised access/storage of database metadata without the need for additional tools and applications.

1. Give 3 examples of what would be stored in a databsae catalog

Below are the 3 types of metadata information we can find in a database catalog:

- USER_PRIVILEGES: The different types of access and roles users have been given
- VIEWS : Any virtual queries that have been created
- COLUMN_PRIVILEGES: It details the types of access to different columns across tables in the database

1. What is the SQL database catalog called?

SQL database houses the metadata information and is called "information_schema" in MYSQL.

1. What is the overall goal of indicies in SQL?

A index is used to make retrieving data from the table faster. It improves the performance of queries and applications. It is basically a quick lookup table for finding records users need to search frequently. Databases automatically create indexes to process primary, foreign and unique key constraints faster.

1. What are the differences between a primary key and a unique index?

Unique key: This type of key is used to uniquely identify a tuple in the table and differs from the primary key as it allows a NULL value. However, all values are unique (thus only 1 NULL value). It is generally used when we want to impose unique constraints on a column or set of columns when they are not the primary key.
Primary key : By definition primary key only accepts unique values and cannot contain NULL. A table can contain only one primary key however it could be composed of multiple columns.

1. Which SELECT statement is more efficient? Why?

- ```
  SELECT playerID,birthState,nameLast,nameFirst FROM people
  where birthCountry = 'USA' and nameFirst = 'John' and playerID in (select playerID
  from collegeplaying where schoolID = 'Fordham');
  ```

- ```
  SELECT playerID,birthState,nameLast,nameFirst FROM people NATURAL JOIN
  collegeplaying
  where birthCountry = 'USA' and nameFirst = 'John' and schoolID = 'Fordham' group by
  playerID,birthState,nameLast,nameFirst;
  ```

HINT: SQL uses a query optimizer so you can't just run both of these and see which one performs faster.

The second query is faster as it uses a join on the 2 tables and basically goes over each of them exactly once. It then filters the resulting data to give the result. The time complexity is similar to O(m * n) However, the first query searches for schoolID in collegeplaying table for each row of people table. This can be lead to exponential complexity (O(n^m)).

1. The create.sql file provided in the zip folder makes a schema and some tables that mimics metadata tables. Note there is the sytax "ON DELETE CASCADE" after the foreign key creation. What does this mean? Why do we want to specify CASCADE for the metadata tables? What does "ON DELETE RESTRICT" mean and when would we generally want to use this?

ON DELETE CASCADE contraint signfies that if a row in the Primary or the parent table is deleted it will automatically delete the corresponding value in the child table. It ensures there are no ambiguous scenarios, for eg: If we delete a column from the csvcolumns table, the corresponding row in the index should also be deleted as the column no longer exists.

RESTRICT is the default behaviour of the foreign key where it will throw an error if we try to delete a primary table row which has a corresponding entry in the foreign key table. We have to manually first delete from the child table and then from the parent table. This is important to maintain the foreign key integrity constraints. Otherwise, it could lead to cases such that a column_name is deleted from the csvcolumns however, user forgot to delete the corresponding column_name row from the csvindexes table.

SQL

1. Initials

- Find the `initials, firstName, lastName` , for every player from the people table.
- You need to return 10 rows.
- Sort by the nameFirst, nameLast ascending.
- Note: Even for those players with two last names, just return the first letter of their first last name

Answer:

The below query adds a '$' str in front of the last name if the first name is None

In [36]:

```
import pymysql
import pandas as pd
conn=pymysql.connect(host='localhost',port=int(3306),user='root',passwd='admin123', db
= 'lahmansbaseballdb')
pd.read_sql_query("select nameFirst as firstName, nameLast as lastName, CASE WHEN nameF
irst IS NULL THEN CONCAT('$', LEFT(nameLast, 1)) ELSE CONCAT(LEFT(nameFirst, 1), LEFT(n
ameLast, 1)) END AS initials from lahmansbaseballdb.people order by nameFirst, nameLast
limit 10;", conn)
```

Out[36]:

	firstName	lastName	initials
0	None	Boland	$B
1	None	Booth	$B
2	None	Carroll	$C
3	None	Edwards	$E
4	None	Evans	$E
5	None	Franklin	$F
6	None	Gavern	$G
7	None	Harrison	$H
8	None	Hellings	$H
9	None	Higby	$H

Question 1a): Games Per Player using GROUP BY

- Find the `yearID, lgID, games_per_player` , for every year and league from the appearances table.
- Use a function to round down the games_per_player
- You need to return 10 rows.
- You must use `group by` in this query.

Answer:

In [ ]:

```
%%sql
```

In [37]:

```
pd.read_sql_query("select yearID, lgID, FLOOR(avg(G_all)) as games_per_player FROM appe
arances group by yearID, lgID limit 10;", conn)
```

Out[37]:

	yearID	lgID	games_per_player
0	1871	NA	19
1	1872	NA	20
2	1873	NA	28
3	1874	NA	34
4	1875	NA	28
5	1876	NL	37
6	1877	NL	33
7	1878	NL	41
8	1879	NL	45
9	1880	NL	45

Part 2: CSVCatalog Tests

Once you have tested everything successfuly in python, execute your tests one more time in jupyter notebook to show the expected output. You will need to restart your kernel after saving your python files so that jupyter will use the most recent version of your work.

You may need to drop tables before executing your tests one last time so you don't run into integrity errors

In [1]:

```
import unit_test_catalog as cat # This notebook should be in the same directory as your
project
```

In [2]:

```
cat.create_table_test()
```

```
Running save core definition
Q =  insert into csvtables values(%s, %s)
Running save core definition
Q =  insert into csvtables values(%s, %s)
in the index if statement
Table =  {"table_name": "test_table", "file_name": "./testing.csv", "index
es": []}
in the index if statement
Table =  {"table_name": "test_table2", "file_name": "./testing2.csv", "ind
exes": []}
```

In [3]:

```
cat.drop_table_test()
```

```
Q =  DELETE FROM csvtables WHERE table_name = 'test_table2'
Table 'test_table2' was dropped
```

In [4]:

```
cat.add_column_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
```

In [5]:

```
cat.column_name_failure_test()  # This will throw an error
```

```
issue!!

---------------------------------------------------------------------------
-
ValueError                                Traceback (most recent call las
t)
<ipython-input-5-342044887ceb> in <module>
----> 1 cat.column_name_failure_test()  # This will throw an error

C:\PersonalFiles\Courses\IntroToDB\HW2\W4111_HW2_Programming\W4111_HW2_Pro
gramming\unit_test_catalog.py in column_name_failure_test()
     79 def column_name_failure_test():
     80     cat = CSVCatalog.CSVCatalog()
---> 81     col = CSVCatalog.ColumnDefinition(None, "text", False)
     82     t = cat.get_table("test_table")
     83     t.add_column_definition(col)

C:\PersonalFiles\Courses\IntroToDB\HW2\W4111_HW2_Programming\W4111_HW2_Pro
gramming\CSVCatalog.py in __init__(self, column_name, column_type, not_nul
l)
     49         if column_name == None:
     50             print("issue!!")
---> 51             raise ValueError('You must have a column name!!')
     52         else:
     53             self.column_name = column_name

ValueError: You must have a column name!!
```

In [6]:

```
cat.column_type_failure_test()  # This will throw an error
```

```
Issue!

---------------------------------------------------------------------------
ValueError                                Traceback (most recent call last)
<ipython-input-6-eebf587b1ffc> in <module>
----> 1 cat.column_type_failure_test()  # This will throw an error

C:\PersonalFiles\Courses\IntroToDB\HW2\W4111_HW2_Programming\W4111_HW2_Programming\unit_test_catalog.py in column_type_failure_test()
     89 def column_type_failure_test():
     90     cat = CSVCatalog.CSVCatalog(dbhost="localhost", dbport=3306, dbuser="root", dbpw="admin123", db="CSVCatalog")
---> 91     col = CSVCatalog.ColumnDefinition("bird", "canary", False)
     92     t = cat.get_table("test_table")
     93     t.add_column_definition(col)

C:\PersonalFiles\Courses\IntroToDB\HW2\W4111_HW2_Programming\W4111_HW2_Programming\CSVCatalog.py in __init__(self, column_name, column_type, not_null)
     57         else:
     58             print("Issue!")
---> 59             raise ValueError('That column type is not accepted. Please try again.')
     60
     61         if type(not_null) == type(True):

ValueError: That column type is not accepted. Please try again.
```

In [7]:

```
cat.column_not_null_failure_test()  # This will throw an error
```

```
issue!

---------------------------------------------------------------------------
-
ValueError                                Traceback (most recent call las
t)
<ipython-input-7-9b5701466b82> in <module>
----> 1 cat.column_not_null_failure_test()  # This will throw an error

C:\PersonalFiles\Courses\IntroToDB\HW2\W4111_HW2_Programming\W4111_HW2_Pro
gramming\unit_test_catalog.py in column_not_null_failure_test()
     99 def column_not_null_failure_test():
    100     cat = CSVCatalog.CSVCatalog(dbhost="localhost", dbport=3306, d
buser="root", dbpw="admin123", db="CSVCatalog")
--> 101     col = CSVCatalog.ColumnDefinition("name", "text", "happy")
    102     t = cat.get_table("test_table")
    103     t.add_column_definition(col)

C:\PersonalFiles\Courses\IntroToDB\HW2\W4111_HW2_Programming\W4111_HW2_Pro
gramming\CSVCatalog.py in __init__(self, column_name, column_type, not_nul
l)
     63         else:
     64             print("issue!")
---> 65             raise ValueError('The not_null column must be either T
rue or False! Please try again.')
     66
     67     def __str__(self):

ValueError: The not_null column must be either True or False! Please try a
gain.
```

In [8]:

```
cat.add_index_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
```

In [9]:

```
cat.col_drop_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  delete from csvcolumns where column_name = %s
Column 'player_age' has been dropped!
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
```

In [10]:

```
cat.index_drop_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  DELETE FROM csvindexes WHERE table_name = 'test_table' and index_name
= 'player_index'
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
```

In [11]:

```
cat.describe_table_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
DESCRIBE People =
 {
  "table_name": "test_table",
  "file_name": "./testing.csv",
  "columns": [
    {
      "column_name": "playerID",
      "column_type": "number",
      "not_null": true
    }
  ]
}
```

Part 3: CSVTable Tests

In the event that the data sent is too large, jupyter notebook will throw a warning and not print any output. This will happen when you try to retrieve an entire table. Don't worry about getting the output if this happens.

Additonally, the table formatting will get messed up if the columns makes the output too wide. In your tests make sure you project fields so that your outputs are legible.

In [13]:

```
import unit_test_csv_table as tab
```

In [14]:

```
# Drop the tables if you already made them when testing
tab.drop_tables_for_prep()
```

```
Q =  DELETE FROM csvtables WHERE table_name = 'people'
Table 'people' was dropped
Q =  DELETE FROM csvtables WHERE table_name = 'batting'
Table 'batting' was dropped
Q =  DELETE FROM csvtables WHERE table_name = 'appearances'
Table 'appearances' was dropped
```

In [15]:

```
tab.create_lahman_tables()
```

```
Running save core definition
Q =  insert into csvtables values(%s, %s)
Running save core definition
Q =  insert into csvtables values(%s, %s)
Running save core definition
Q =  insert into csvtables values(%s, %s)
```

In [16]:

```
tab.update_people_columns()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
```

In [17]:

```
tab.update_appearances_columns()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
```

In [18]:

```
tab.update_batting_columns()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
Q =  insert into csvcolumns values(%s, %s, %s, %s)
```

In [19]:

```
tab.add_index_definitions()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
```

In [20]:

```
tab.test_load_info()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
Loaded  1000  rows
Loaded  1100  rows
Loaded  1200  rows
Loaded  1300  rows
Loaded  1400  rows
Loaded  1500  rows
Loaded  1600  rows
Loaded  1700  rows
Loaded  1800  rows
Loaded  1900  rows
Loaded  2000  rows
Loaded  2100  rows
Loaded  2200  rows
Loaded  2300  rows
Loaded  2400  rows
Loaded  2500  rows
Loaded  2600  rows
Loaded  2700  rows
Loaded  2800  rows
Loaded  2900  rows
Loaded  3000  rows
Loaded  3100  rows
Loaded  3200  rows
Loaded  3300  rows
Loaded  3400  rows
Loaded  3500  rows
Loaded  3600  rows
Loaded  3700  rows
Loaded  3800  rows
Loaded  3900  rows
Loaded  4000  rows
Loaded  4100  rows
Loaded  4200  rows
Loaded  4300  rows
Loaded  4400  rows
Loaded  4500  rows
Loaded  4600  rows
Loaded  4700  rows
Loaded  4800  rows
Loaded  4900  rows
Loaded  5000  rows
Loaded  5100  rows
Loaded  5200  rows
Loaded  5300  rows
Loaded  5400  rows
Loaded  5500  rows
```

```
Loaded  5600  rows
Loaded  5700  rows
Loaded  5800  rows
Loaded  5900  rows
Loaded  6000  rows
Loaded  6100  rows
Loaded  6200  rows
Loaded  6300  rows
Loaded  6400  rows
Loaded  6500  rows
Loaded  6600  rows
Loaded  6700  rows
Loaded  6800  rows
Loaded  6900  rows
Loaded  7000  rows
Loaded  7100  rows
Loaded  7200  rows
Loaded  7300  rows
Loaded  7400  rows
Loaded  7500  rows
Loaded  7600  rows
Loaded  7700  rows
Loaded  7800  rows
Loaded  7900  rows
Loaded  8000  rows
Loaded  8100  rows
Loaded  8200  rows
Loaded  8300  rows
Loaded  8400  rows
Loaded  8500  rows
Loaded  8600  rows
Loaded  8700  rows
Loaded  8800  rows
Loaded  8900  rows
Loaded  9000  rows
Loaded  9100  rows
Loaded  9200  rows
Loaded  9300  rows
Loaded  9400  rows
Loaded  9500  rows
Loaded  9600  rows
Loaded  9700  rows
Loaded  9800  rows
Loaded  9900  rows
Loaded  10000  rows
Loaded  10100  rows
Loaded  10200  rows
Loaded  10300  rows
Loaded  10400  rows
Loaded  10500  rows
Loaded  10600  rows
Loaded  10700  rows
Loaded  10800  rows
Loaded  10900  rows
Loaded  11000  rows
Loaded  11100  rows
Loaded  11200  rows
Loaded  11300  rows
Loaded  11400  rows
Loaded  11500  rows
Loaded  11600  rows
```

```
Loaded  11700  rows
Loaded  11800  rows
Loaded  11900  rows
Loaded  12000  rows
Loaded  12100  rows
Loaded  12200  rows
Loaded  12300  rows
Loaded  12400  rows
Loaded  12500  rows
Loaded  12600  rows
Loaded  12700  rows
Loaded  12800  rows
Loaded  12900  rows
Loaded  13000  rows
Loaded  13100  rows
Loaded  13200  rows
Loaded  13300  rows
Loaded  13400  rows
Loaded  13500  rows
Loaded  13600  rows
Loaded  13700  rows
Loaded  13800  rows
Loaded  13900  rows
Loaded  14000  rows
Loaded  14100  rows
Loaded  14200  rows
Loaded  14300  rows
Loaded  14400  rows
Loaded  14500  rows
Loaded  14600  rows
Loaded  14700  rows
Loaded  14800  rows
Loaded  14900  rows
Loaded  15000  rows
Loaded  15100  rows
Loaded  15200  rows
Loaded  15300  rows
Loaded  15400  rows
Loaded  15500  rows
Loaded  15600  rows
Loaded  15700  rows
Loaded  15800  rows
Loaded  15900  rows
Loaded  16000  rows
Loaded  16100  rows
Loaded  16200  rows
Loaded  16300  rows
Loaded  16400  rows
Loaded  16500  rows
Loaded  16600  rows
Loaded  16700  rows
Loaded  16800  rows
Loaded  16900  rows
Loaded  17000  rows
Loaded  17100  rows
Loaded  17200  rows
Loaded  17300  rows
Loaded  17400  rows
Loaded  17500  rows
Loaded  17600  rows
Loaded  17700  rows
```

```
Loaded  17800  rows
Loaded  17900  rows
Loaded  18000  rows
Loaded  18100  rows
Loaded  18200  rows
Loaded  18300  rows
Loaded  18400  rows
Loaded  18500  rows
Loaded  18600  rows
Loaded  18700  rows
Loaded  18800  rows
Loaded  18900  rows
Loaded  19000  rows
Loaded  19100  rows
Loaded  19200  rows
Loaded  19300  rows
./People.csv
```

In [21]:

```
tab.test_get_col_names()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
Loaded  1000  rows
Loaded  1100  rows
Loaded  1200  rows
Loaded  1300  rows
Loaded  1400  rows
Loaded  1500  rows
Loaded  1600  rows
Loaded  1700  rows
Loaded  1800  rows
Loaded  1900  rows
Loaded  2000  rows
Loaded  2100  rows
Loaded  2200  rows
Loaded  2300  rows
Loaded  2400  rows
Loaded  2500  rows
Loaded  2600  rows
Loaded  2700  rows
Loaded  2800  rows
Loaded  2900  rows
Loaded  3000  rows
Loaded  3100  rows
Loaded  3200  rows
Loaded  3300  rows
Loaded  3400  rows
Loaded  3500  rows
Loaded  3600  rows
Loaded  3700  rows
Loaded  3800  rows
Loaded  3900  rows
Loaded  4000  rows
Loaded  4100  rows
Loaded  4200  rows
Loaded  4300  rows
Loaded  4400  rows
Loaded  4500  rows
Loaded  4600  rows
Loaded  4700  rows
Loaded  4800  rows
Loaded  4900  rows
Loaded  5000  rows
Loaded  5100  rows
Loaded  5200  rows
Loaded  5300  rows
Loaded  5400  rows
Loaded  5500  rows
```

```
Loaded  5600  rows
Loaded  5700  rows
Loaded  5800  rows
Loaded  5900  rows
Loaded  6000  rows
Loaded  6100  rows
Loaded  6200  rows
Loaded  6300  rows
Loaded  6400  rows
Loaded  6500  rows
Loaded  6600  rows
Loaded  6700  rows
Loaded  6800  rows
Loaded  6900  rows
Loaded  7000  rows
Loaded  7100  rows
Loaded  7200  rows
Loaded  7300  rows
Loaded  7400  rows
Loaded  7500  rows
Loaded  7600  rows
Loaded  7700  rows
Loaded  7800  rows
Loaded  7900  rows
Loaded  8000  rows
Loaded  8100  rows
Loaded  8200  rows
Loaded  8300  rows
Loaded  8400  rows
Loaded  8500  rows
Loaded  8600  rows
Loaded  8700  rows
Loaded  8800  rows
Loaded  8900  rows
Loaded  9000  rows
Loaded  9100  rows
Loaded  9200  rows
Loaded  9300  rows
Loaded  9400  rows
Loaded  9500  rows
Loaded  9600  rows
Loaded  9700  rows
Loaded  9800  rows
Loaded  9900  rows
Loaded  10000  rows
Loaded  10100  rows
Loaded  10200  rows
Loaded  10300  rows
Loaded  10400  rows
Loaded  10500  rows
Loaded  10600  rows
Loaded  10700  rows
Loaded  10800  rows
Loaded  10900  rows
Loaded  11000  rows
Loaded  11100  rows
Loaded  11200  rows
Loaded  11300  rows
Loaded  11400  rows
Loaded  11500  rows
Loaded  11600  rows
```

```
Loaded  11700  rows
Loaded  11800  rows
Loaded  11900  rows
Loaded  12000  rows
Loaded  12100  rows
Loaded  12200  rows
Loaded  12300  rows
Loaded  12400  rows
Loaded  12500  rows
Loaded  12600  rows
Loaded  12700  rows
Loaded  12800  rows
Loaded  12900  rows
Loaded  13000  rows
Loaded  13100  rows
Loaded  13200  rows
Loaded  13300  rows
Loaded  13400  rows
Loaded  13500  rows
Loaded  13600  rows
Loaded  13700  rows
Loaded  13800  rows
Loaded  13900  rows
Loaded  14000  rows
Loaded  14100  rows
Loaded  14200  rows
Loaded  14300  rows
Loaded  14400  rows
Loaded  14500  rows
Loaded  14600  rows
Loaded  14700  rows
Loaded  14800  rows
Loaded  14900  rows
Loaded  15000  rows
Loaded  15100  rows
Loaded  15200  rows
Loaded  15300  rows
Loaded  15400  rows
Loaded  15500  rows
Loaded  15600  rows
Loaded  15700  rows
Loaded  15800  rows
Loaded  15900  rows
Loaded  16000  rows
Loaded  16100  rows
Loaded  16200  rows
Loaded  16300  rows
Loaded  16400  rows
Loaded  16500  rows
Loaded  16600  rows
Loaded  16700  rows
Loaded  16800  rows
Loaded  16900  rows
Loaded  17000  rows
Loaded  17100  rows
Loaded  17200  rows
Loaded  17300  rows
Loaded  17400  rows
Loaded  17500  rows
Loaded  17600  rows
Loaded  17700  rows
```

```
Loaded  17800  rows
Loaded  17900  rows
Loaded  18000  rows
Loaded  18100  rows
Loaded  18200  rows
Loaded  18300  rows
Loaded  18400  rows
Loaded  18500  rows
Loaded  18600  rows
Loaded  18700  rows
Loaded  18800  rows
Loaded  18900  rows
Loaded  19000  rows
Loaded  19100  rows
Loaded  19200  rows
Loaded  19300  rows
['bats', 'bbrefID', 'birthCity', 'birthCountry', 'birthDay', 'birthMonth',
'birthState', 'birthYear', 'deathCity', 'deathCountry', 'deathDay', 'death
Month', 'deathState', 'deathYear', 'debut', 'finalGame', 'height', 'nameFi
rst', 'nameGiven', 'nameLast', 'playerID', 'retroID', 'throws', 'weight']
```

In [22]:

```
tab.add_other_indexes()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  insert into csvindexes (table_name, column_name, type, index_name, in
dex_order)  values(%s, %s, %s, %s, %s)
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
```

In [23]:

```
# This should throw an error
# Make sure it works properly when you run it in pycharm though!
tab.load_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   2B |   3B |   AB |   BB |   CS |   G | GIDP   |   H | HBP   |   HR | I
BB   | lgID   | playerID   |   R |   RBI |   SB | SF   | SH   |   SO |   s
tint | teamID   |   yearID |
+======+======+======+======+======+=====+========+=====+=======+======+==
=====+========+============+=====+=======+======+======+======+======+====
=====+==========+==========+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | abercda01  |   0 |     0 |    0 |      |      |    0 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    0 |  118 |    4 |    1 |  25 |        |  32 |       |    0 |
| NA     | addybo01   |  30 |    13 |    8 |      |      |    0 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    5 |  137 |    2 |    1 |  29 |        |  40 |       |    0 |
| NA     | allisar01  |  28 |    19 |    3 |      |      |    5 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  133 |    0 |    1 |  27 |        |  44 |       |    2 |
| NA     | allisdo01  |  28 |    27 |    1 |      |      |    2 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    3 |  120 |    2 |    2 |  25 |        |  39 |       |    0 |
| NA     | ansonca01  |  29 |    16 |    6 |      |      |    1 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   49 |    0 |    1 |  12 |        |  11 |       |    0 |
| NA     | armstbo01  |   9 |     5 |    0 |      |      |    1 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    1 |    0 |   1 |        |   1 |       |    0 |
```

```
| NA     | barkeal01  |   0 |     2 |    0 |      |      |    0 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    9 |  157 |   13 |    6 |  31 |        |  63 |       |    0 |
| NA     | barnero01  |  66 |    34 |   11 |      |      |    1 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    5 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | barrebi01  |   1 |     1 |    0 |      |      |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   86 |    0 |    0 |  18 |        |  13 |       |    0 |
| NA     | barrofr01  |  13 |    11 |    1 |      |      |    0 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |   10 |   89 |    3 |    1 |  22 |        |  27 |       |    3 |
| NA     | bassjo01   |  18 |    18 |    0 |      |      |    4 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    1 |    0 |   1 |        |   0 |       |    0 |
| NA     | battijo01  |   0 |     0 |    0 |      |      |    0 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   36 |    2 |    0 |  10 |        |   7 |       |    0 |
| NA     | bealsto01  |   6 |     1 |    2 |      |      |    0 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   15 |    0 |    0 |   3 |        |   6 |       |    0 |
| NA     | beaveed01  |   7 |     5 |    2 |      |      |    0 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    1 |   94 |    2 |    0 |  20 |        |  33 |       |    1 |
| NA     | bechtge01  |  24 |    21 |    4 |      |      |    2 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    3 |  128 |    9 |    4 |  29 |        |  32 |       |    0 |
| NA     | bellast01  |  26 |    23 |    4 |      |      |    2 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | berkena01  |   0 |     0 |    0 |      |      |    3 |       1
```

```
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | berryto01  |   0 |     0 |    0 |      |       |    0 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   73 |    4 |    1 |  17 |        |  17 |       |    0 |
| NA     | berthha01  |  17 |     8 |    3 |      |       |    2 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    2 |    1 |    0 |   1 |        |   0 |       |    0 |
| NA     | biermch01  |   0 |     0 |    0 |      |       |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    5 |  106 |    3 |    0 |  25 |        |  28 |       |    0 |
| NA     | birdge01   |  19 |    13 |    1 |      |       |    2 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    3 |  152 |    4 |    0 |  29 |        |  46 |       |    0 |
| NA     | birdsda01  |  51 |    24 |    6 |      |       |    4 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  134 |    7 |    0 |  30 |        |  30 |       |    0 |
| NA     | brainas01  |  24 |    21 |    4 |      |       |    2 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   14 |    0 |    0 |   3 |        |   1 |       |    0 |
| NA     | brannmi01  |   2 |     0 |    0 |      |       |    0 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    3 |   63 |    1 |    0 |  12 |        |  15 |       |    1 |
| NA     | burrohe01  |  11 |    14 |    0 |      |       |    1 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   87 |    2 |    0 |  19 |        |  20 |       |    0 |
| NA     | careyto01  |  16 |    10 |    5 |      |       |    1 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    1 |  127 |    8 |    1 |  29 |        |  32 |       |    0 |
| NA     | carleji01  |  31 |    18 |    2 |      |       |    3 |       1
| CL1      |     1871 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   77 |    8 |    1 |  19 |        |  20 |       |    0 |
| NA     | conefr01   |  17 |    16 |   12 |      |      |    2 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   33 |    0 |    0 |   7 |        |   7 |       |    0 |
| NA     | connone01  |   6 |     2 |    0 |      |      |    0 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    1 |  118 |    3 |    3 |  27 |        |  38 |       |    0 |
| NA     | cravebi01  |  26 |    26 |    6 |      |      |    0 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    5 |  150 |   10 |    2 |  28 |        |  37 |       |    3 |
| NA     | cuthbne01  |  47 |    30 |   16 |      |      |    2 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   22 |    2 |    0 |   6 |        |   4 |       |    0 |
| NA     | deaneha01  |   3 |     2 |    0 |      |      |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   34 |    1 |    0 |   9 |        |   7 |       |    0 |
| NA     | donnepe01  |   7 |     3 |    0 |      |      |    2 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  121 |    3 |    4 |  26 |        |  28 |       |    0 |
| NA     | duffyed01  |  30 |    15 |   11 |      |      |    2 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    3 |  147 |    4 |    3 |  33 |        |  47 |       |    0 |
| NA     | eggleda01  |  37 |    18 |   14 |      |      |    3 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | ewellge01  |   0 |     0 |    0 |      |      |    0 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  158 |    3 |    4 |  33 |        |  38 |       |    0 |
| NA     | fergubo01  |  30 |    25 |    4 |      |      |    2 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    3 |  123 |    3 |    2 |  25 |        |  28 |       |    1 |
| NA     | fishech01  |  24 |    22 |    1 |      |       |    1 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    2 |  147 |    3 |    3 |  28 |        |  41 |       |    0 |
| NA     | fislewe01  |  43 |    16 |    6 |      |       |    2 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    6 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | fleetfr01  |   1 |     1 |    0 |      |       |    0 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    4 |  105 |    4 |    2 |  21 |        |  33 |       |    0 |
| NA     | flowedi01  |  39 |    18 |    8 |      |       |    0 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  142 |    4 |    3 |  29 |        |  48 |       |    0 |
| NA     | flynncl01  |  43 |    27 |    3 |      |       |    2 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   84 |    3 |    4 |  18 |        |  22 |       |    0 |
| NA     | foleyto01  |  18 |    13 |    1 |      |       |    2 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    3 |   89 |    2 |    0 |  19 |        |  31 |       |    1 |
| NA     | foranji01  |  21 |    18 |    1 |      |       |    1 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    4 |  162 |    4 |    0 |  32 |        |  45 |       |    0 |
| NA     | forceda01  |  45 |    29 |    8 |      |       |    0 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    3 |   63 |    5 |    0 |  16 |        |  17 |       |    0 |
| NA     | fulmech01  |  11 |     3 |    0 |      |       |    1 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  120 |    3 |    1 |  26 |        |  37 |       |    0 |
| NA     | glennjo01  |  25 |    21 |    1 |      |       |    1 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    1 |    0 |   88 |    4 |    0 |  19 |        |  18 |       |    0 |
| NA     | goldswa01  |   8 |    12 |    0 |      |       |    2 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    2 |  151 |    3 |    2 |  31 |        |  43 |       |    2 |
| NA     | gouldch01  |  38 |    32 |    6 |      |       |    1 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    3 |  136 |    8 |    1 |  32 |        |  40 |       |    2 |
| NA     | hallge01   |  31 |    17 |    2 |      |       |    0 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   25 |    2 |    1 |   5 |        |   5 |       |    0 |
| NA     | halliji01  |   7 |     2 |    1 |      |       |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  113 |    1 |    2 |  25 |        |  28 |       |    0 |
| NA     | hamra01    |  25 |    12 |    6 |      |       |    7 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    4 |  118 |    2 |    2 |  25 |        |  30 |       |    0 |
| NA     | hastisc01  |  27 |    20 |   11 |      |       |    4 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  168 |    4 |    3 |  33 |        |  43 |       |    0 |
| NA     | hatfijo01  |  41 |    22 |   10 |      |       |    0 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    2 |   75 |    2 |    0 |  17 |        |  23 |       |    0 |
| NA     | heubege01  |  18 |    13 |    1 |      |       |    0 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   94 |    2 |    2 |  21 |        |  34 |       |    0 |
| NA     | highadi01  |  21 |     9 |    3 |      |       |    0 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  130 |    7 |    0 |  28 |        |  36 |       |    2 |
| NA     | hodesch01  |  32 |    25 |    3 |      |       |    0 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    5 |    3 |   76 |    1 |    1 |  16 |        |  17 |       |    0 |
| NA     | jackssa01  |  17 |    11 |    0 |      |      |    4 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   67 |    0 |    0 |  16 |        |  15 |       |    0 |
| NA     | johnsca01  |  10 |     7 |    1 |      |      |    1 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   67 |    6 |    0 |  18 |        |  15 |       |    0 |
| NA     | kellybi01  |  16 |     7 |    0 |      |      |    1 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  131 |    3 |    1 |  29 |        |  25 |       |    0 |
| NA     | kimbage01  |  18 |     9 |    5 |      |      |    2 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  101 |    8 |    0 |  20 |        |  21 |       |    2 |
| NA     | kingma01   |  23 |    16 |    5 |      |      |    1 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    6 |  144 |    1 |    3 |  29 |        |  57 |       |    0 |
| NA     | kingst01   |  45 |    34 |    3 |      |      |    1 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   12 |    0 |    0 |   3 |        |   2 |       |    0 |
| NA     | kohlehe01  |   0 |     1 |    0 |      |      |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   48 |    1 |    0 |  12 |        |  11 |       |    0 |
| NA     | lennobi01  |   5 |     5 |    1 |      |      |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    3 |  148 |    3 |    3 |  31 |        |  43 |       |    0 |
| NA     | leonaan01  |  33 |    30 |   14 |      |      |    1 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  122 |    8 |    0 |  25 |        |  30 |       |    0 |
| NA     | mackde01   |  34 |    17 |   12 |      |      |    7 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  134 |    9 |    3 |  27 |        |  46 |       |    1 |
```

```
| NA     | malonfe01  |  33 |    33 |    9 |      |      |    4 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   89 |    2 |    1 |  19 |        |  24 |       |    0 |
| NA     | mathebo01  |  15 |    10 |    2 |      |      |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    2 |  135 |    5 |    3 |  26 |        |  37 |       |    0 |
| NA     | mcatebu01  |  34 |    10 |    5 |      |      |    2 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  132 |    7 |    0 |  25 |        |  31 |       |    0 |
| NA     | mcbridi01  |  36 |    17 |    4 |      |      |    1 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    1 |    0 |   2 |        |   2 |       |    0 |
| NA     | mcderjo01  |   3 |     1 |    1 |      |      |    1 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  148 |    6 |    4 |  29 |        |  39 |       |    0 |
| NA     | mcgeami01  |  42 |    12 |   20 |      |      |    0 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    5 |  136 |    8 |    1 |  29 |        |  38 |       |    0 |
| NA     | mcmuljo01  |  38 |    32 |   11 |      |      |    6 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    5 |  153 |    1 |    0 |  29 |        |  66 |       |    0 |
| NA     | mcveyca01  |  43 |    43 |    6 |      |      |    2 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    3 |  130 |    2 |    0 |  26 |        |  64 |       |    4 |
| NA     | meyerle01  |  45 |    40 |    4 |      |      |    1 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    3 |  146 |    1 |    0 |  32 |        |  36 |       |    0 |
| NA     | millsch01  |  27 |    22 |    2 |      |      |    0 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    4 |  157 |    3 |    3 |  32 |        |  43 |       |    1 |
| NA     | millsev01  |  38 |    24 |    2 |      |      |    1 |       1
```

```
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   36 |    0 |    0 |   9 |        |   8 |       |    0 |
| NA     | minched01  |   4 |     5 |    1 |      |       |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    1 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | nortofr01  |   0 |     0 |    0 |      |       |    1 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    4 |  142 |    1 |    0 |  29 |        |  42 |       |    0 |
| NA     | paborch01  |  24 |    18 |    1 |      |       |    3 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  151 |    1 |    1 |  32 |        |  31 |       |    0 |
| NA     | patteda01  |  31 |    13 |    2 |      |       |    0 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  163 |    4 |    0 |  33 |        |  44 |       |    0 |
| NA     | pearcdi01  |  31 |    20 |    0 |      |       |    1 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    1 |    0 |   1 |        |   0 |       |    0 |
| NA     | phelpne01  |   0 |     0 |    0 |      |       |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    7 |  130 |    5 |    2 |  28 |        |  49 |       |    4 |
| NA     | pikeli01   |  43 |    39 |    3 |      |       |    7 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    5 |   95 |   18 |    2 |  24 |        |  25 |       |    1 |
| NA     | pinkhed01  |  27 |    17 |    5 |      |       |    3 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    8 |  130 |    1 |    0 |  29 |        |  34 |       |    0 |
| NA     | prattal01  |  31 |    20 |    1 |      |       |    0 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    6 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | prattto01  |   2 |     1 |    0 |      |       |    0 |       1
| PH1      |     1871 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   13 |    1 |    0 |   3 |        |   3 |       |    0 |
| NA     | questjo01  |   1 |     2 |    0 |      |      |    0 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   17 |    4 |    1 |   5 |        |   4 |       |    0 |
| NA     | quinnpa02  |   8 |     2 |    3 |      |      |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    5 |  145 |    6 |    1 |  28 |        |  44 |       |    0 |
| NA     | radcljo01  |  47 |    22 |    5 |      |      |    1 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    6 |  133 |    5 |    0 |  26 |        |  47 |       |    0 |
| NA     | reachal01  |  43 |    34 |    2 |      |      |    6 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   39 |    2 |    1 |   8 |        |  11 |       |    0 |
| NA     | sagerpo01  |   9 |     5 |    5 |      |      |    2 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    5 |  149 |    3 |    4 |  31 |        |  42 |       |    0 |
| NA     | schafha01  |  38 |    28 |   13 |      |      |    1 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   65 |    4 |    0 |  14 |        |  15 |       |    1 |
| NA     | selmafr01  |  14 |    10 |    1 |      |      |    0 |       1
| FW1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  127 |    0 |    3 |  25 |        |  41 |       |    0 |
| NA     | senseco01  |  38 |    23 |    5 |      |      |    1 |       1
| PH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  129 |    1 |    1 |  27 |        |  28 |       |    0 |
| NA     | simmojo01  |  29 |    17 |    4 |      |      |    0 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   72 |    1 |    0 |  14 |        |  19 |       |    0 |
| NA     | smithch01  |  15 |     5 |    6 |      |      |    1 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    1 |  144 |    8 |    0 |  31 |        |  39 |       |    1 |
| NA     | spaldal01  |  43 |    31 |    2 |      |       |    1 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  161 |    3 |    2 |  33 |        |  58 |       |    1 |
| NA     | startjo01  |  35 |    34 |    4 |      |       |    0 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    9 |    2 |    0 |   2 |        |   0 |       |    0 |
| NA     | stearbi01  |   1 |     1 |    0 |      |       |    2 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    6 |  110 |    7 |    0 |  25 |        |  30 |       |    2 |
| NA     | stirega01  |  23 |    24 |    3 |      |       |    5 |       1
| RC1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    7 |  128 |    1 |    1 |  29 |        |  45 |       |    3 |
| NA     | suttoez01  |  35 |    23 |    3 |      |       |    0 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   19 |    1 |    0 |   5 |        |   4 |       |    0 |
| NA     | sweasch01  |   5 |     4 |    0 |      |       |    0 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    5 |  124 |    2 |    5 |  25 |        |  42 |       |    4 |
| NA     | treacfr01  |  39 |    33 |   13 |      |       |    5 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    4 |  158 |   10 |    3 |  32 |        |  50 |       |    0 |
| NA     | waterfr01  |  46 |    17 |   11 |      |       |    0 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    5 |  146 |    4 |    2 |  29 |        |  47 |       |    1 |
| NA     | whitede01  |  40 |    21 |    2 |      |       |    1 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   70 |    1 |    1 |  15 |        |  18 |       |    0 |
| NA     | whiteel01  |  13 |     9 |    0 |      |       |    6 |       1
| CL1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | whitewa01  |   0 |     0 |    0 |      |       |    0 |       1
| WS3      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    9 |  138 |   10 |    0 |  32 |        |  51 |       |    0 |
| NA     | woltery01  |  33 |    44 |    1 |      |       |    8 |       1
| NY2      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    6 |  135 |   11 |    2 |  28 |        |  51 |       |    1 |
| NA     | woodji01   |  45 |    29 |   18 |      |       |    3 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    5 |   80 |    6 |    1 |  16 |        |  33 |       |    0 |
| NA     | wrighge01  |  33 |    11 |    9 |      |       |    1 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  147 |   13 |    1 |  31 |        |  44 |       |    0 |
| NA     | wrighha01  |  42 |    26 |    7 |      |       |    2 |       1
| BS1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    7 |  145 |    9 |    2 |  29 |        |  37 |       |    2 |
| NA     | yorkto01   |  36 |    23 |    2 |      |       |    1 |       1
| TRO      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  128 |    2 |    0 |  28 |        |  32 |       |    0 |
| NA     | zettlge01  |  23 |    18 |    4 |      |       |    4 |       1
| CH1      |     1871 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   66 |    0 |    0 |  16 |        |  18 |       |    0 |
| NA     | allenha01  |   8 |     7 |    0 |      |       |    1 |       1
| MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   93 |    0 |    0 |  24 |        |  15 |       |    0 |
| NA     | allisan01  |  11 |     9 |    0 |      |       |    3 |       1
| BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |   87 |    0 |    0 |  19 |        |  23 |       |    0 |
| NA     | allisar01  |  13 |     8 |    0 |      |       |    2 |       1
| CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    0 |    0 |   19 |    0 |    0 |   5 |        |   3 |       |    0 |
| NA     | allisbi01  |   5 |     1 |    0 |      |       |    1 |       1
| BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    2 |  115 |    1 |    1 |  23 |        |  35 |       |    0 |
| NA     | allisdo01  |  23 |    20 |    1 |      |       |    3 |       1
| TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   79 |    1 |    0 |  18 |        |  27 |       |    0 |
| NA     | allisdo01  |  18 |     5 |    0 |      |       |    2 |       2
| BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    7 |  217 |   16 |    6 |  46 |        |  90 |       |    0 |
| NA     | ansonca01  |  60 |    50 |    6 |      |       |    3 |       1
| PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    7 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | arnolbi01  |   2 |     0 |    0 |      |       |    0 |       1
| MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  171 |    3 |    5 |  37 |        |  53 |       |    0 |
| NA     | barloto01  |  34 |    10 |    7 |      |       |    2 |       1
| BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   28 |    2 |  229 |    9 |    2 |  45 |        |  99 |       |    1 |
| NA     | barnero01  |  81 |    44 |   12 |      |       |    4 |       1
| BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   34 |    0 |    0 |   8 |        |   7 |       |    0 |
| NA     | barre01    |   7 |     2 |    1 |      |       |    1 |       1
| BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | barrebi01  |   0 |     0 |    0 |      |       |    0 |       1
| WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    7 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | bassjo01   |   0 |     1 |    0 |      |       |    0 |       1
| BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   36 |    1 |    0 |   9 |        |  11 |       |    0 |
```

```
| NA     | bealsto01  |   6 |     5 |    0 |      |      |    1 |       1
| WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   43 |    1 |    0 |  10 |        |   9 |       |    0 |
| NA     | beaveed01  |   6 |     2 |    0 |      |      |    0 |       1
| BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    2 |  248 |    6 |    1 |  51 |        |  74 |       |    0 |
| NA     | bechtge01  |  60 |    41 |    9 |      |      |    3 |       1
| NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  114 |    0 |    0 |  23 |        |  30 |       |    0 |
| NA     | bellast01  |  22 |    16 |    1 |      |      |    0 |       1
| TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    2 |  115 |    0 |    2 |  23 |        |  27 |       |    0 |
| NA     | bentlcy01  |  25 |    10 |    1 |      |      |    2 |       1
| MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   14 |    0 |    0 |   4 |        |   4 |       |    0 |
| NA     | besti01    |   0 |     1 |    0 |      |      |    0 |       1
| BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   46 |    0 |    0 |  10 |        |   9 |       |    0 |
| NA     | bielaos01  |  13 |     3 |    0 |      |      |    0 |       1
| WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   76 |    1 |    2 |  16 |        |  16 |       |    0 |
| NA     | birdsda01  |  11 |    15 |    0 |      |      |    0 |       1
| BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    2 |  117 |    0 |    0 |  24 |        |  38 |       |    0 |
| NA     | boothed01  |  25 |    12 |    0 |      |      |    1 |       1
| MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |   62 |    0 |    2 |  15 |        |  19 |       |    0 |
| NA     | boothed01  |  11 |     8 |    0 |      |      |    0 |       2
| BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  165 |    6 |    2 |  35 |        |  44 |       |    1 |
| NA     | boydbi01   |  26 |    32 |    4 |      |      |    7 |       1
```

```
| NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   43 |    0 |    0 |   9 |        |  16 |       |    0 |
| NA     | brainas01  |   8 |     6 |    0 |      |       |    0 |       1
| WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   25 |    1 |    0 |   6 |        |   5 |       |    0 |
| NA     | brainas01  |   2 |     0 |    0 |      |       |    0 |       2
| MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  156 |    5 |    0 |  37 |        |  40 |       |    0 |
| NA     | brittji01  |  26 |    10 |    0 |      |       |    5 |       1
| BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   15 |    0 |    0 |   4 |        |   2 |       |    0 |
| NA     | brownol01  |   0 |     0 |    0 |      |       |    1 |       1
| BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  174 |    1 |    1 |  37 |        |  46 |       |    0 |
| NA     | burdoja01  |  26 |    15 |    0 |      |       |    1 |       1
| BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    7 |    1 |    0 |   2 |        |   1 |       |    0 |
| NA     | burrohe01  |   1 |     0 |    0 |      |       |    0 |       1
| WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   93 |    0 |    0 |  18 |        |  24 |       |    0 |
| NA     | buttefr01  |  19 |     8 |    0 |      |       |    2 |       1
| MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  198 |    0 |    1 |  42 |        |  57 |       |    2 |
| NA     | careyto01  |  42 |    27 |    4 |      |       |    2 |       1
| BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   38 |    1 |    0 |   7 |        |  12 |       |    0 |
| NA     | carleji01  |   8 |     4 |    1 |      |       |    0 |       1
| CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |   97 |    1 |    1 |  19 |        |  28 |       |    1 |
| NA     | clappjo01  |  28 |    10 |    2 |      |       |    0 |       1
 | MID      |     1872 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    7 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | clarede01  |   1 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   97 |    0 |    1 |  25 |        |  25 |       |    0 |
| NA     | clintji01  |  12 |     6 |    0 |      |      |    2 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   37 |    0 |    0 |   8 |        |  12 |       |    0 |
| NA     | coughde01  |   5 |     7 |    0 |      |      |    0 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  179 |    5 |    1 |  35 |        |  50 |       |    0 |
| NA     | cravebi01  |  55 |    23 |    7 |      |      |    2 |       1
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    3 |  250 |    4 |    1 |  55 |        |  52 |       |    0 |
| NA     | cummica01  |  36 |    27 |    0 |      |      |   14 |       1
 | NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    0 |  260 |    6 |    4 |  47 |        |  88 |       |    1 |
| NA     | cuthbne01  |  83 |    47 |   14 |      |      |   10 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |  165 |    3 |    2 |  37 |        |  36 |       |    0 |
| NA     | dehlmhe01  |  30 |    14 |    4 |      |      |    1 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   25 |    0 |    0 |   6 |        |   9 |       |    0 |
| NA     | doschhe01  |   4 |     5 |    0 |      |      |    1 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   41 |    0 |    0 |   9 |        |  12 |       |    0 |
| NA     | doylejo01  |   6 |     9 |    0 |      |      |    0 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   20 |    0 |  290 |    8 |    5 |  56 |        |  98 |       |    0 |
| NA     | eggleda01  |  94 |    20 |   18 |      |      |    9 |       1
 | NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  165 |    3 |    2 |  37 |        |  46 |       |    0 |
| NA     | fergubo01  |  33 |    19 |    4 |      |       |    0 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   87 |    0 |    0 |  18 |        |  21 |       |    0 |
| NA     | fieldge01  |  16 |     9 |    0 |      |       |    2 |       1
 | MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    3 |  225 |    2 |    1 |  46 |        |  52 |       |    1 |
| NA     | fishech01  |  39 |    36 |    0 |      |       |    5 |       1
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    3 |  243 |    4 |    0 |  47 |        |  85 |       |    0 |
| NA     | fislewe01  |  49 |    48 |    3 |      |       |    4 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   53 |    0 |    0 |  13 |        |  13 |       |    0 |
| NA     | fleetfr01  |  10 |     5 |    1 |      |       |    1 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   3 |       |    0 |
| NA     | fletcge01  |   1 |     0 |    0 |      |       |    0 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   15 |    2 |    0 |   3 |        |   4 |       |    0 |
| NA     | flowedi01  |   1 |     4 |    0 |      |       |    2 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   40 |    0 |    0 |   9 |        |   9 |       |    0 |
| NA     | flynncl01  |   4 |     2 |    0 |      |       |    0 |       1
 | WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    0 |  130 |    1 |    2 |  25 |        |  53 |       |    0 |
| NA     | forceda01  |  40 |    16 |    2 |      |       |    0 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    2 |   95 |    1 |    0 |  19 |        |  41 |       |    0 |
| NA     | forceda01  |  29 |    13 |    3 |      |       |    0 |       2
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    1 |    1 |  166 |    2 |    1 |  36 |        |  51 |       |    1 |
| NA     | fulmech01  |  28 |    14 |    1 |      |      |    3 |       1
 | NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | galvijo01  |   0 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   47 |    0 |    0 |   9 |        |  20 |       |    3 |
| NA     | gedneco01  |  14 |    18 |    1 |      |      |    0 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   71 |    0 |    1 |  18 |        |  13 |       |    0 |
| NA     | gedneco01  |   4 |     7 |    2 |      |      |    1 |       2
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   39 |    1 |    1 |   9 |        |   6 |       |    0 |
| NA     | glennjo01  |   6 |     3 |    0 |      |      |    0 |       1
 | WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | glennjo01  |   0 |     0 |    0 |      |      |    0 |       2
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   41 |    0 |    0 |   9 |        |  10 |       |    0 |
| NA     | goldswa01  |   4 |     5 |    0 |      |      |    0 |       1
 | WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    8 |  211 |    2 |    0 |  45 |        |  54 |       |    0 |
| NA     | gouldch01  |  40 |    33 |    0 |      |      |    3 |       1
 | BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   17 |    6 |  250 |    3 |    1 |  53 |        |  84 |       |    1 |
| NA     | hallge01   |  69 |    37 |    6 |      |      |    1 |       1
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   57 |    1 |    0 |  13 |        |  18 |       |    0 |
| NA     | hallji01   |   9 |     6 |    0 |      |      |    0 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    4 |    0 |  115 |    3 |    1 |  22 |        |  45 |       |    0 |
| NA     | hastisc01  |  34 |    16 |    5 |      |       |    2 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   62 |    1 |    1 |  13 |        |  19 |       |    0 |
| NA     | hastisc01  |  16 |     4 |    0 |      |       |    2 |       2
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   15 |    1 |  288 |    9 |    5 |  56 |        |  92 |       |    1 |
| NA     | hatfijo01  |  76 |    45 |   12 |      |       |    6 |       1
 | NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   23 |    0 |    0 |   5 |        |   3 |       |    0 |
| NA     | heubege01  |   2 |     1 |    0 |      |       |    0 |       1
 | WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    2 |  268 |    5 |    0 |  56 |        |  82 |       |    0 |
| NA     | hicksna01  |  55 |    33 |    3 |      |       |    3 |       1
 | NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | higby01    |   0 |     0 |    0 |      |       |    0 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    1 |  245 |    2 |    5 |  50 |        |  84 |       |    2 |
| NA     | highadi01  |  72 |    38 |    3 |      |       |    3 |       1
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   49 |    0 |    0 |  11 |        |  12 |       |    0 |
| NA     | hinespa01  |   9 |     5 |    0 |      |       |    0 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   61 |    1 |    0 |  13 |        |  15 |       |    0 |
| NA     | hodesch01  |  17 |    12 |    0 |      |       |    0 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  110 |    1 |    2 |  22 |        |  33 |       |    0 |
| NA     | holdsji01  |  19 |    11 |    3 |      |       |    2 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    7 |    0 |    0 |   2 |        |   2 |       |    0 |
```

```
| NA     | holdsji01  |   1 |     0 |    0 |      |      |    0 |       2
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   44 |    1 |    0 |   9 |        |  15 |       |    0 |
| NA     | holliho01  |  12 |     6 |    0 |      |      |    0 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   48 |    1 |    1 |  11 |        |  15 |       |    0 |
| NA     | huntdi01   |  11 |     5 |    0 |      |      |    0 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    7 |    0 |    0 |   2 |        |   0 |       |    0 |
| NA     | hurledi01  |   0 |     0 |    0 |      |      |    1 |       1
 | WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   12 |    0 |    0 |   4 |        |   2 |       |    0 |
| NA     | jackssa01  |   0 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | jewetna01  |   1 |     0 |    0 |      |      |    0 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   23 |    0 |    0 |   5 |        |   6 |       |    0 |
| NA     | kavan01    |   3 |     2 |    0 |      |      |    1 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   19 |    0 |    0 |   5 |        |   0 |       |    0 |
| NA     | kennejo01  |   0 |     1 |    0 |      |      |    1 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   11 |    0 |    0 |   3 |        |   0 |       |    0 |
| NA     | kingma01   |   0 |     1 |    0 |      |      |    1 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    0 |  128 |    1 |    1 |  25 |        |  39 |       |    0 |
| NA     | kingst01   |  33 |    21 |    1 |      |      |    2 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   54 |    0 |    0 |  11 |        |  12 |       |    0 |
| NA     | lennobi01  |  11 |     6 |    0 |      |      |    0 |       1
```

```
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  240 |    0 |    5 |  46 |        |  84 |       |    2 |
| NA     | leonaan01  |  57 |    43 |    8 |      |       |    2 |       1
 | BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   12 |    0 |    0 |   4 |        |   1 |       |    0 |
| NA     | leutz01    |   2 |     0 |    0 |      |       |    0 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   31 |    0 |    0 |   7 |        |   5 |       |    0 |
| NA     | lowech01   |   1 |     3 |    0 |      |       |    2 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    1 |  205 |   23 |    5 |  47 |        |  59 |       |    0 |
| NA     | mackde01   |  68 |    34 |    9 |      |       |    9 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    3 |  213 |    4 |    0 |  41 |        |  60 |       |    0 |
| NA     | malonfe01  |  46 |    39 |    3 |      |       |    5 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   16 |    1 |    0 |   5 |        |   5 |       |    0 |
| NA     | malonma01  |   2 |     1 |    0 |      |       |    4 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   18 |    0 |    0 |   4 |        |   5 |       |    0 |
| NA     | martial01  |   2 |     2 |    0 |      |       |    0 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |  117 |    0 |    0 |  25 |        |  36 |       |    0 |
| NA     | martiph01  |  27 |    14 |    0 |      |       |    1 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   78 |    1 |    1 |  18 |        |  12 |       |    0 |
| NA     | martiph01  |  13 |     9 |    3 |      |       |    2 |       2
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  223 |    3 |    1 |  50 |        |  50 |       |    0 |
| NA     | mathebo01  |  36 |    21 |    1 |      |       |    2 |       1
 | BL1      |     1872 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |  129 |    1 |    2 |  25 |        |  28 |       |    0 |
| NA     | mcatebu01  |  30 |    15 |    0 |      |      |    2 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  258 |    3 |    1 |  47 |        |  74 |       |    0 |
| NA     | mcbridi01  |  57 |    37 |    2 |      |      |    2 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |   85 |    1 |    0 |  19 |        |  28 |       |    0 |
| NA     | mccarfr01  |  17 |    10 |    0 |      |      |    3 |       1
 | MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   32 |    1 |    0 |   7 |        |   9 |       |    0 |
| NA     | mcderjo01  |   3 |     3 |    0 |      |      |    2 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   62 |    0 |    0 |  15 |        |  16 |       |    0 |
| NA     | mcdonja01  |   9 |     4 |    0 |      |      |    1 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | mcdonja01  |   0 |     0 |    0 |      |      |    0 |       2
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    2 |  225 |    2 |    8 |  47 |        |  81 |       |    0 |
| NA     | mcgeami01  |  68 |    35 |   13 |      |      |    1 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  237 |   11 |    2 |  54 |        |  61 |       |    0 |
| NA     | mcmuljo01  |  48 |    25 |    8 |      |      |    6 |       1
 | NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  237 |    1 |    1 |  46 |        |  76 |       |    0 |
| NA     | mcveyca01  |  56 |    41 |    6 |      |      |    1 |       1
 | BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    5 |  146 |    0 |    0 |  27 |        |  48 |       |    1 |
| NA     | meyerle01  |  31 |    31 |    0 |      |      |    1 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | millejo01  |   0 |     0 |    0 |      |      |    0 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   31 |    0 |    0 |   6 |        |   4 |       |    0 |
| NA     | millsch01  |   6 |     2 |    0 |      |      |    0 |       1
 | NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    2 |  266 |    3 |    2 |  55 |        |  79 |       |    0 |
| NA     | millsev01  |  55 |    34 |    0 |      |      |    2 |       1
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   53 |    0 |    0 |  11 |        |   6 |       |    0 |
| NA     | minched01  |   5 |     4 |    0 |      |      |    1 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | mulle01    |   1 |     0 |    0 |      |      |    0 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  117 |    0 |    0 |  24 |        |  42 |       |    0 |
| NA     | murnati01  |  30 |    13 |    1 |      |      |    1 |       1
 | MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   20 |    0 |    0 |   4 |        |   7 |       |    0 |
| NA     | nelsoca01  |   2 |     4 |    0 |      |      |    2 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   76 |    2 |    0 |  18 |        |  19 |       |    0 |
| NA     | nelsoca01  |  12 |     8 |    1 |      |      |    2 |       2
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | orour01    |   0 |     0 |    0 |      |      |    0 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  101 |    2 |    0 |  23 |        |  31 |       |    0 |
| NA     | orourji01  |  25 |    12 |    1 |      |      |    0 |       1
 | MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    0 |    0 |   92 |    0 |    0 |  21 |        |  19 |       |    0 |
| NA     | paborch01  |  12 |     7 |    0 |      |       |    0 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   47 |    0 |    0 |  12 |        |   9 |       |    0 |
| NA     | patteda01  |   5 |     4 |    0 |      |       |    1 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |  206 |    4 |    1 |  44 |        |  40 |       |    1 |
| NA     | pearcdi01  |  32 |    23 |    1 |      |       |    1 |       1
 | NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   15 |    5 |  288 |    3 |    1 |  56 |        |  84 |       |    6 |
| NA     | pikeli01   |  67 |    60 |    8 |      |       |    6 |       1
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   65 |    0 |    0 |  16 |        |  18 |       |    0 |
| NA     | prattal01  |  10 |    12 |    0 |      |       |    1 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    4 |  297 |    0 |    3 |  56 |        |  86 |       |    1 |
| NA     | radcljo01  |  71 |    44 |    3 |      |       |    2 |       1
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |  118 |    4 |    1 |  24 |        |  23 |       |    0 |
| NA     | reachal01  |  21 |    11 |    1 |      |       |    0 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   2 |       |    0 |
| NA     | reachbo01  |   1 |     0 |    0 |      |       |    0 |       1
 | WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    5 |  164 |    2 |    2 |  37 |        |  40 |       |    0 |
| NA     | remseja01  |  25 |    13 |    1 |      |       |    6 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   30 |    1 |    0 |   7 |        |   6 |       |    0 |
| NA     | robinva01  |   6 |     4 |    0 |      |       |    1 |       1
 | WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    7 |    1 |  204 |    1 |    0 |  45 |        |  56 |       |    1 |
| NA     | rogerfr01  |  39 |    28 |    2 |      |       |    4 |       1
 | BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    4 |  225 |    0 |    0 |  48 |        |  65 |       |    1 |
| NA     | schafha01  |  51 |    37 |    2 |      |       |    8 |       1
 | BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   42 |    0 |    2 |   9 |        |  10 |       |    0 |
| NA     | selmafr01  |   3 |     1 |    0 |      |       |    1 |       1
 | WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    1 |   1 |        |   2 |       |    0 |
| NA     | senseco01  |   2 |     1 |    0 |      |       |    0 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |   90 |    1 |    0 |  18 |        |  23 |       |    0 |
| NA     | simmojo01  |  11 |     9 |    1 |      |       |    2 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    2 |  107 |    0 |    0 |  26 |        |  28 |       |    0 |
| NA     | snydeji01  |  16 |    11 |    0 |      |       |    1 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   37 |    1 |    0 |   9 |        |   6 |       |    0 |
| NA     | snydejo01  |   2 |     1 |    0 |      |       |    1 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    5 |  237 |    3 |    0 |  48 |        |  84 |       |    0 |
| NA     | spaldal01  |  60 |    47 |    3 |      |       |    1 |       1
 | BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | spenc01    |   1 |     0 |    0 |      |       |    0 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  282 |    0 |    3 |  55 |        |  76 |       |    0 |
| NA     | startjo01  |  62 |    50 |    3 |      |       |    0 |       1
 | NY2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   45 |    0 |    0 |  11 |        |  12 |       |    0 |
```

```
| NA     | stearbi01  |   8 |     4 |    0 |      |      |    0 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   21 |    0 |    0 |   5 |        |   2 |       |    0 |
| NA     | studlse01  |   3 |     2 |    0 |      |      |    1 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  107 |    1 |    0 |  22 |        |  30 |       |    0 |
| NA     | suttoez01  |  30 |    10 |    1 |      |      |    1 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   55 |    2 |    0 |  14 |        |  11 |       |    0 |
| NA     | swandma01  |   7 |     4 |    0 |      |      |    1 |       1
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   57 |    2 |    0 |  12 |        |  16 |       |    0 |
| NA     | sweasch01  |   8 |     6 |    1 |      |      |    1 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    2 |   78 |    0 |    0 |  18 |        |  23 |       |    0 |
| NA     | thakeal01  |  14 |    15 |    2 |      |      |    2 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  112 |    0 |    0 |  24 |        |  31 |       |    0 |
| NA     | tippeji01  |  23 |    15 |    0 |      |      |    0 |       1
 | MID      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    3 |  236 |    5 |    5 |  47 |        |  65 |       |    2 |
| NA     | treacfr01  |  53 |    29 |    7 |      |      |   10 |       1
 | PH1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    2 |   45 |    0 |    0 |   9 |        |  17 |       |    0 |
| NA     | waterfr01  |  13 |     6 |    0 |      |      |    0 |       1
 | WS3      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    2 |  109 |    4 |    0 |  22 |        |  37 |       |    0 |
| NA     | whitede01  |  21 |    22 |    0 |      |      |    1 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   45 |    0 |    0 |  10 |        |  13 |       |    0 |
| NA     | whitewa01  |   7 |     4 |    0 |      |      |    0 |       1
```

```
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   69 |    4 |    0 |  16 |        |  16 |       |    0 |
| NA     | woltery01  |   7 |    11 |    0 |      |      |    1 |       1
 | CL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    4 |  113 |    2 |    0 |  25 |        |  38 |       |    2 |
| NA     | woodji01   |  40 |    27 |    3 |      |      |    1 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   30 |    4 |    0 |   7 |        |   6 |       |    0 |
| NA     | woodji01   |  10 |     0 |    1 |      |      |    1 |       2
 | BR1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    5 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | worthhe01  |   1 |     1 |    0 |      |      |    0 |       1
 | BR2      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   16 |    6 |  255 |    3 |    4 |  48 |        |  86 |       |    2 |
| NA     | wrighge01  |  87 |    32 |   14 |      |      |    1 |       1
 | BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  208 |    9 |    0 |  48 |        |  52 |       |    0 |
| NA     | wrighha01  |  39 |    23 |    0 |      |      |    2 |       1
 | BS1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | yeatmbi01  |   0 |     0 |    0 |      |      |    1 |       1
 | WS4      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    4 |  248 |    4 |    1 |  51 |        |  66 |       |    1 |
| NA     | yorkto01   |  66 |    41 |    2 |      |      |    1 |       1
 | BL1      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    0 |  113 |    0 |    1 |  25 |        |  29 |       |    0 |
| NA     | zettlge01  |  25 |    21 |    0 |      |      |    2 |       1
 | TRO      |     1872 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   34 |    0 |    0 |   9 |        |   3 |       |    0 |
| NA     | zettlge01  |   1 |     1 |    0 |      |      |    3 |       2
 | BR1      |     1872 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   51 |    2 |    1 |  10 |        |  16 |       |    0 |
| NA     | addybo01   |  12 |    10 |    0 |      |      |    0 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  152 |    1 |    3 |  31 |        |  54 |       |    1 |
| NA     | addybo01   |  37 |    36 |    2 |      |      |    0 |       2
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   99 |    0 |    0 |  23 |        |  32 |       |    0 |
| NA     | allisar01  |  12 |    11 |    0 |      |      |    0 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |   83 |    0 |    0 |  19 |        |  24 |       |    0 |
| NA     | allisdo01  |  11 |     8 |    0 |      |      |    0 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   48 |    1 |    0 |  11 |        |  10 |       |    0 |
| NA     | allisdo01  |   6 |     3 |    0 |      |      |    0 |       2
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    2 |  254 |    5 |    2 |  52 |        | 101 |       |    0 |
| NA     | ansonca01  |  53 |    36 |    0 |      |      |    1 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   0 |       |    0 |
| NA     | atkined01  |   2 |     0 |    0 |      |      |    0 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    3 |  101 |    0 |    0 |  23 |        |  25 |       |    0 |
| NA     | austihe01  |  10 |    11 |    0 |      |      |    4 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    2 |  271 |    4 |    3 |  55 |        |  74 |       |    1 |
| NA     | barloto01  |  48 |    14 |    3 |      |      |    0 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   29 |    8 |  322 |   18 |    4 |  60 |        | 137 |       |    2 |
| NA     | barnero01  | 125 |    62 |   13 |      |      |    2 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    1 |   1 |        |   1 |       |    0 |
| NA     | barrebi01  |   0 |     0 |    0 |      |      |    0 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    1 |    0 |   1 |        |   3 |       |    0 |
| NA     | battijo01  |   4 |     2 |    0 |      |      |    0 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    5 |  169 |    1 |    0 |  37 |        |  46 |       |    0 |
| NA     | bealsto01  |  35 |    24 |    1 |      |      |    1 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    1 |  258 |    9 |    1 |  53 |        |  63 |       |    1 |
| NA     | bechtge01  |  53 |    40 |    2 |      |      |    1 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   32 |    2 |    0 |   8 |        |   7 |       |    0 |
| NA     | bellast01  |   4 |     3 |    0 |      |      |    0 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  173 |    4 |    1 |  38 |        |  49 |       |    0 |
| NA     | bielaos01  |  35 |    23 |    0 |      |      |    5 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   12 |    0 |    0 |   3 |        |   1 |       |    0 |
| NA     | birdsda01  |   4 |     1 |    0 |      |      |    0 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |   72 |    0 |    0 |  18 |        |  21 |       |    0 |
| NA     | boothed01  |  11 |     4 |    0 |      |      |    2 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   69 |    3 |    1 |  16 |        |  14 |       |    0 |
| NA     | boothed01  |   8 |     8 |    0 |      |      |    0 |       2
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    4 |  228 |    2 |    1 |  50 |        |  63 |       |    1 |
| NA     | boydbi01   |  31 |    31 |    1 |      |      |    2 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    1 |    0 |   69 |    0 |    0 |  16 |        |  18 |       |    0 |
| NA     | brainas01  |  18 |     8 |    0 |      |       |    2 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  240 |    8 |    1 |  54 |        |  47 |       |    0 |
| NA     | brittji01  |  29 |    14 |    1 |      |       |   14 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  245 |    7 |    1 |  55 |        |  62 |       |    2 |
| NA     | burdoja01  |  56 |    36 |    3 |      |       |    4 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   87 |    2 |    0 |  20 |        |  13 |       |    0 |
| NA     | campbhu01  |   9 |     6 |    1 |      |       |    1 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   83 |    3 |    0 |  21 |        |  12 |       |    0 |
| NA     | campbmi02  |   9 |     3 |    1 |      |       |    6 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   19 |    3 |  290 |    1 |    3 |  56 |        |  97 |       |    1 |
| NA     | careyto01  |  76 |    55 |    1 |      |       |    2 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  204 |    2 |    5 |  45 |        |  62 |       |    1 |
| NA     | clappjo01  |  36 |    28 |    4 |      |       |    2 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   38 |    0 |    0 |   9 |        |   9 |       |    0 |
| NA     | clintji01  |   5 |     4 |    0 |      |       |    0 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | cranefr01  |   0 |     1 |    0 |      |       |    0 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    2 |  196 |    2 |    3 |  41 |        |  57 |       |    0 |
| NA     | cravebi01  |  45 |    28 |    2 |      |       |    3 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    5 |    0 |  192 |    5 |    0 |  42 |        |  48 |       |    0 |
| NA     | cummica01  |  30 |    35 |    1 |      |       |    5 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    3 |  278 |    2 |    2 |  51 |        |  77 |       |    2 |
| NA     | cuthbne01  |  78 |    33 |   13 |      |       |    4 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  221 |    9 |    0 |  54 |        |  52 |       |    0 |
| NA     | dehlmhe01  |  50 |    17 |    5 |      |       |    7 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    4 |   99 |    2 |    0 |  23 |        |  24 |       |    0 |
| NA     | devliji01  |  18 |    10 |    0 |      |       |    4 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  137 |    1 |    0 |  30 |        |  35 |       |    0 |
| NA     | donnejo01  |  15 |    20 |    0 |      |       |    0 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    6 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | doschhe01  |   1 |     1 |    0 |      |       |    0 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    4 |  268 |    5 |    1 |  53 |        |  90 |       |    0 |
| NA     | eggleda01  |  82 |    34 |    4 |      |       |    2 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | eland01    |   0 |     0 |    0 |      |       |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   48 |    0 |    0 |  12 |        |   8 |       |    0 |
| NA     | farrojo01  |   2 |     3 |    0 |      |       |    3 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    5 |  228 |    4 |    2 |  51 |        |  59 |       |    0 |
| NA     | fergubo01  |  36 |    25 |    1 |      |       |    9 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    3 |  253 |    4 |    2 |  51 |        |  66 |       |    1 |
```

```
| NA     | fishech01  |  50 |    35 |    1 |      |      |    5 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    4 |  218 |    2 |    1 |  44 |        |  75 |       |    1 |
| NA     | fislewe01  |  44 |    42 |    2 |      |      |    2 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   90 |    1 |    1 |  22 |        |  23 |       |    0 |
| NA     | fleetfr01  |  11 |    10 |    0 |      |      |    2 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    1 |  234 |    9 |    0 |  49 |        |  86 |       |    0 |
| NA     | forceda01  |  77 |    31 |    1 |      |      |    0 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   18 |    0 |    0 |   5 |        |   4 |       |    0 |
| NA     | frencbi01  |   3 |     1 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    3 |  236 |    2 |    1 |  49 |        |  66 |       |    1 |
| NA     | fulmech01  |  42 |    38 |    3 |      |      |    3 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    5 |  224 |    7 |    0 |  53 |        |  60 |       |    1 |
| NA     | gedneco01  |  41 |    25 |    1 |      |      |    5 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   56 |    0 |    0 |  13 |        |  12 |       |    0 |
| NA     | gerhajo01  |   6 |     7 |    0 |      |      |    5 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    2 |  185 |    3 |    1 |  39 |        |  49 |       |    1 |
| NA     | glennjo01  |  39 |    21 |    2 |      |      |    0 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | goldswa01  |   0 |     0 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   28 |    1 |    0 |   7 |        |   4 |       |    0 |
| NA     | greasjo01  |   4 |     1 |    1 |      |      |    1 |       1
```

```
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    3 |  168 |    2 |    0 |  35 |        |  58 |       |    0 |
| NA     | hallge01   |  44 |    30 |    0 |      |      |    0 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  146 |    4 |    2 |  30 |        |  41 |       |    0 |
| NA     | hastisc01  |  41 |    15 |    4 |      |      |    1 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    6 |  255 |    3 |    0 |  52 |        |  78 |       |    2 |
| NA     | hatfijo01  |  54 |    45 |    2 |      |      |    2 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    2 |  121 |    7 |    0 |  28 |        |  29 |       |    1 |
| NA     | hicksna01  |  12 |    14 |    2 |      |      |    0 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    4 |  245 |    2 |    3 |  49 |        |  77 |       |    0 |
| NA     | highadi01  |  57 |    34 |    1 |      |      |    1 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    3 |  181 |    1 |    1 |  39 |        |  60 |       |    1 |
| NA     | hinespa01  |  33 |    29 |    0 |      |      |    1 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    8 |  233 |    0 |    0 |  53 |        |  75 |       |    0 |
| NA     | holdsji01  |  46 |    28 |    1 |      |      |    3 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    2 |  136 |    0 |    0 |  30 |        |  35 |       |    0 |
| NA     | holliho01  |  25 |    22 |    0 |      |      |    6 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   14 |    0 |    0 |   3 |        |   3 |       |    0 |
| NA     | hoopemi01  |   3 |     2 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | johnsto01  |   0 |     0 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   3 |       |    0 |
| NA     | jones01    |   0 |     1 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   3 |       |    0 |
| NA     | kernajo01  |   1 |     1 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | kesslhe01  |   0 |     1 |    0 |      |      |    0 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   25 |    0 |    0 |   6 |        |   3 |       |    0 |
| NA     | kohlehe01  |   2 |     1 |    0 |      |      |    1 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   50 |    0 |    0 |  12 |        |  12 |       |    0 |
| NA     | laughbe01  |   3 |     6 |    0 |      |      |    0 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   19 |    0 |    0 |   5 |        |   4 |       |    0 |
| NA     | lennobi01  |   2 |     2 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    7 |  302 |    4 |    6 |  58 |        |  95 |       |    0 |
| NA     | leonaan01  |  81 |    61 |    5 |      |      |    0 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | lovetle01  |   1 |     1 |    0 |      |      |    0 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  205 |   15 |    2 |  48 |        |  60 |       |    0 |
| NA     | mackde01   |  55 |    20 |    6 |      |      |    9 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    2 |  259 |   14 |    1 |  53 |        |  75 |       |    0 |
| NA     | malonfe01  |  59 |    43 |    2 |      |      |    7 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  159 |    1 |    0 |  32 |        |  43 |       |    0 |
| NA     | mannija01  |  29 |    22 |    1 |      |       |   11 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  140 |    0 |    1 |  31 |        |  31 |       |    0 |
| NA     | martiph01  |  12 |    14 |    0 |      |       |    4 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    3 |  223 |   10 |    1 |  52 |        |  43 |       |    0 |
| NA     | mathebo01  |  40 |    13 |    1 |      |       |    3 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    0 |  253 |    2 |    0 |  49 |        |  71 |       |    0 |
| NA     | mcbridi01  |  41 |    41 |    0 |      |       |    0 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | mcdoo01    |   1 |     0 |    0 |      |       |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    1 |  275 |    1 |    6 |  52 |        |  83 |       |    0 |
| NA     | mcgeami01  |  63 |    31 |    3 |      |       |    1 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  227 |    8 |    1 |  52 |        |  62 |       |    0 |
| NA     | mcmuljo01  |  54 |    29 |    9 |      |       |    4 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    5 |  192 |    3 |    0 |  38 |        |  73 |       |    2 |
| NA     | mcveyca01  |  49 |    34 |    1 |      |       |    2 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    4 |  238 |    2 |    0 |  48 |        |  83 |       |    3 |
| NA     | meyerle01  |  53 |    58 |    5 |      |       |    0 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   19 |    9 |  263 |    2 |    0 |  54 |        |  87 |       |    0 |
| NA     | millsev01  |  64 |    57 |    1 |      |       |    1 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    3 |    0 |  176 |    8 |    2 |  41 |        |  39 |       |    1 |
| NA     | murnati01  |  53 |    10 |    7 |      |      |   13 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  168 |    1 |    0 |  36 |        |  55 |       |    0 |
| NA     | nelsoca01  |  28 |    22 |    2 |      |      |    2 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    2 |   53 |    0 |    0 |  13 |        |  11 |       |    0 |
| NA     | nevinal01  |   7 |     2 |    0 |      |      |    3 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   19 |    3 |  280 |   14 |    2 |  57 |        |  98 |       |    1 |
| NA     | orourji01  |  79 |    48 |    4 |      |      |    1 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    3 |  228 |    6 |    0 |  55 |        |  82 |       |    0 |
| NA     | paborch01  |  36 |    42 |    2 |      |      |    3 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  262 |    8 |    0 |  55 |        |  72 |       |    1 |
| NA     | pearcdi01  |  42 |    26 |    2 |      |      |    2 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    6 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | phelpne01  |   0 |     0 |    0 |      |      |    0 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    8 |  286 |    7 |    1 |  56 |        |  90 |       |    4 |
| NA     | pikeli01   |  71 |    50 |    8 |      |      |    4 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | popplge01  |   0 |     0 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  245 |    3 |    0 |  45 |        |  70 |       |    0 |
| NA     | radcljo01  |  59 |    33 |    0 |      |      |    2 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    5 |    1 |   73 |    0 |    0 |  13 |        |  16 |       |    0 |
| NA     | reachal01  |  13 |     9 |    2 |      |       |    0 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | reachbo01  |   1 |     0 |    0 |      |       |    0 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    6 |  207 |    2 |    2 |  50 |        |  61 |       |    1 |
| NA     | remseja01  |  29 |    29 |    1 |      |       |    2 |       1
 | BR2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    6 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | rogerfr01  |   1 |     2 |    0 |      |       |    1 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   2 |       |    0 |
| NA     | ryanjo01   |   1 |     1 |    0 |      |       |    0 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   12 |    0 |    0 |   3 |        |   2 |       |    0 |
| NA     | saylo01    |   1 |     2 |    0 |      |       |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    3 |  295 |    3 |    4 |  60 |        |  79 |       |    2 |
| NA     | schafha01  |  65 |    46 |    3 |      |       |    1 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | selmafr01  |   1 |     0 |    0 |      |       |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   86 |    0 |    2 |  20 |        |  24 |       |    0 |
| NA     | senseco01  |  12 |     8 |    0 |      |       |    2 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   11 |    0 |    0 |   3 |        |   0 |       |    0 |
| NA     | sheppjo01  |   1 |     0 |    0 |      |       |    1 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   15 |    0 |    0 |   4 |        |   2 |       |    0 |
```

```
| NA     | simpsma01  |   4 |     2 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   23 |    0 |    0 |   6 |        |   4 |       |    0 |
| NA     | smithbi01  |   2 |     1 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   19 |    0 |    0 |   5 |        |   2 |       |    0 |
| NA     | smithjo01  |   2 |     1 |    0 |      |      |    1 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  108 |    3 |    1 |  28 |        |  21 |       |    0 |
| NA     | snydepo01  |  16 |     4 |    0 |      |      |    3 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   18 |    2 |  322 |    3 |    0 |  60 |        | 106 |       |    1 |
| NA     | spaldal01  |  83 |    60 |    1 |      |      |    1 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    3 |  251 |    4 |    0 |  53 |        |  67 |       |    1 |
| NA     | startjo01  |  42 |    28 |    1 |      |      |    0 |       1
 | NY2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |  133 |    4 |    0 |  32 |        |  24 |       |    0 |
| NA     | stearbi01  |  22 |     8 |    0 |      |      |    9 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   16 |    0 |    0 |   4 |        |   2 |       |    0 |
| NA     | strated01  |   2 |     0 |    0 |      |      |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    6 |  242 |    2 |    3 |  51 |        |  81 |       |    0 |
| NA     | suttoez01  |  51 |    33 |    1 |      |      |    2 |       1
 | PH1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    9 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | swandma01  |   1 |     1 |    0 |      |      |    0 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | sweasch01  |   0 |     0 |    0 |      |      |    0 |       1
```

```
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    2 |  243 |    5 |    3 |  51 |        |  62 |       |    1 |
| NA     | treacfr01  |  49 |    32 |    2 |      |       |    6 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | wallho01   |   1 |     0 |    0 |      |       |    0 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   80 |    1 |    0 |  15 |        |  28 |       |    0 |
| NA     | waterfr01  |  20 |    12 |    0 |      |       |    1 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   15 |    6 |  310 |    0 |    2 |  60 |        | 121 |       |    0 |
| NA     | whitede01  |  79 |    66 |    6 |      |       |    2 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    4 |  160 |    0 |    1 |  39 |        |  43 |       |    0 |
| NA     | whitewa01  |  29 |    21 |    1 |      |       |    1 |       1
 | WS5      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | woltery01  |   1 |     0 |    0 |      |       |    0 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | woodhre01  |   1 |     0 |    0 |      |       |    0 |       1
 | BL4      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    1 |  209 |    8 |    3 |  42 |        |  67 |       |    0 |
| NA     | woodji01   |  67 |    27 |    8 |      |       |    1 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   42 |    2 |    0 |  12 |        |  10 |       |    0 |
| NA     | wordsfa01  |   5 |     3 |    0 |      |       |    1 |       1
 | ELI      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   19 |    8 |  325 |    8 |    5 |  59 |        | 126 |       |    3 |
| NA     | wrighge01  |  99 |    50 |    3 |      |       |    2 |       1
 | BS1      |     1873 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    4 |  266 |   10 |    1 |  58 |        |  67 |       |    2 |
| NA     | wrighha01  |  57 |    35 |    1 |      |      |    3 |       1
 | BS1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    7 |  277 |    3 |    1 |  57 |        |  84 |       |    2 |
| NA     | yorkto01   |  70 |    49 |    3 |      |      |    3 |       1
 | BL1      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  241 |    1 |    0 |  51 |        |  50 |       |    0 |
| NA     | zettlge01  |  39 |    22 |    3 |      |      |    4 |       1
 | PH2      |     1873 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    2 |  213 |    1 |    2 |  50 |        |  51 |       |    0 |
| NA     | addybo01   |  25 |    23 |    4 |      |      |    0 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    5 |  318 |    6 |    0 |  65 |        |  90 |       |    0 |
| NA     | allisdo01  |  68 |    28 |    1 |      |      |    5 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    3 |  259 |    4 |    0 |  55 |        |  87 |       |    0 |
| NA     | ansonca01  |  51 |    37 |    6 |      |      |    1 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  156 |    0 |    2 |  32 |        |  46 |       |    0 |
| NA     | barloto01  |  37 |    10 |    9 |      |      |    2 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    4 |  259 |    8 |    7 |  51 |        |  88 |       |    0 |
| NA     | barnero01  |  72 |    41 |    8 |      |      |    2 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    2 |  190 |    1 |    2 |  45 |        |  35 |       |    0 |
| NA     | barnibi01  |  21 |    19 |    2 |      |      |   13 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    1 |  226 |    1 |    2 |  51 |        |  52 |       |    0 |
| NA     | battijo01  |  40 |    27 |    3 |      |      |    7 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    4 |   97 |    0 |    1 |  19 |        |  19 |       |    0 |
| NA     | bealsto01  |  20 |    17 |    0 |      |      |    2 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    5 |  151 |    2 |    0 |  32 |        |  42 |       |    1 |
| NA     | bechtge01  |  29 |    34 |    0 |      |      |    1 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |  187 |    2 |    1 |  43 |        |  45 |       |    0 |
| NA     | bielaos01  |  24 |     8 |    3 |      |      |    4 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | boardfr01  |   0 |     0 |    0 |      |      |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    1 |  245 |    1 |    0 |  55 |        |  54 |       |    0 |
| NA     | bondto01   |  25 |    20 |    0 |      |      |    5 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    3 |  185 |    3 |    0 |  44 |        |  47 |       |    1 |
| NA     | boothed01  |  24 |    16 |    0 |      |      |    3 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    4 |  117 |    1 |    0 |  26 |        |  41 |       |    0 |
| NA     | boydbi01   |  22 |    20 |    1 |      |      |    2 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  118 |    2 |    2 |  27 |        |  37 |       |    0 |
| NA     | bradyst01  |  19 |    14 |    1 |      |      |   10 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  196 |    2 |    3 |  47 |        |  47 |       |    0 |
| NA     | brainas01  |  19 |     8 |    0 |      |      |    3 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    9 |    0 |    0 |   2 |        |   0 |       |    0 |
| NA     | brown01    |   0 |     0 |    0 |      |      |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|   11 |    4 |  273 |    1 |    0 |  61 |        |  75 |       |    1 |
| NA     | burdoja01  |  45 |    27 |    4 |      |      |    5 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    3 |  286 |    2 |    0 |  64 |        |  82 |       |    1 |
| NA     | careyto01  |  56 |    39 |    3 |      |      |    4 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | carlle01   |   0 |     0 |    0 |      |      |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  242 |    4 |    1 |  53 |        |  64 |       |    0 |
| NA     | chapmja01  |  32 |    25 |    2 |      |      |   11 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  135 |    4 |    0 |  33 |        |  23 |       |    0 |
| NA     | clackbo01  |  22 |    13 |    0 |      |      |    2 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    4 |  165 |    1 |    0 |  39 |        |  48 |       |    3 |
| NA     | clappjo01  |  46 |    20 |    2 |      |      |    1 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   11 |    0 |    0 |   2 |        |   2 |       |    0 |
| NA     | clintji01  |   3 |     2 |    0 |      |      |    2 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   12 |    0 |    0 |   3 |        |   1 |       |    0 |
| NA     | collida01  |   1 |     0 |    1 |      |      |    2 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | connete01  |   0 |     0 |    0 |      |      |    0 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   19 |   11 |  265 |    4 |    3 |  55 |        |  91 |       |    0 |
| NA     | cravebi01  |  68 |    56 |   11 |      |      |    2 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    4 |    2 |  231 |    0 |    1 |  54 |        |  52 |       |    0 |
| NA     | cummica01  |  32 |    19 |    1 |      |       |   12 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  295 |    5 |    0 |  58 |        |  79 |       |    2 |
| NA     | cuthbne01  |  65 |    22 |    8 |      |       |    5 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    1 |  203 |    5 |    1 |  47 |        |  50 |       |    0 |
| NA     | deaneha01  |  29 |    13 |    2 |      |       |    3 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |  218 |    7 |    0 |  53 |        |  49 |       |    0 |
| NA     | dehlmhe01  |  40 |    18 |    2 |      |       |    5 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  203 |    2 |    1 |  45 |        |  58 |       |    0 |
| NA     | devliji01  |  26 |    27 |    2 |      |       |    9 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   22 |    0 |    0 |   6 |        |   5 |       |    0 |
| NA     | donnejo01  |   2 |     2 |    0 |      |       |    0 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    8 |  299 |    5 |    6 |  58 |        |  95 |       |    0 |
| NA     | eggleda01  |  70 |    31 |    5 |      |       |    1 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   13 |    1 |    0 |   3 |        |   5 |       |    0 |
| NA     | farreja01  |   3 |     0 |    0 |      |       |    0 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  122 |    1 |    0 |  27 |        |  26 |       |    0 |
| NA     | farrojo01  |  16 |    10 |    0 |      |       |    1 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  245 |    2 |    3 |  56 |        |  64 |       |    0 |
| NA     | fergubo01  |  34 |    18 |    4 |      |       |    7 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  241 |    2 |    2 |  52 |        |  54 |       |    0 |
```

```
| NA     | fishech01  |  28 |    28 |    0 |      |      |    6 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    1 |  180 |    0 |    0 |  37 |        |  59 |       |    0 |
| NA     | fislewe01  |  26 |    22 |    2 |      |      |    1 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   97 |    1 |    0 |  22 |        |  22 |       |    0 |
| NA     | fleetfr01  |  18 |    10 |    1 |      |      |    1 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    0 |  294 |    3 |    0 |  59 |        |  92 |       |    0 |
| NA     | forceda01  |  61 |    26 |    4 |      |      |    1 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  258 |    2 |    2 |  57 |        |  72 |       |    0 |
| NA     | fulmech01  |  49 |    37 |    0 |      |      |    5 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | gaver01    |   1 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  222 |    7 |    2 |  54 |        |  61 |       |    1 |
| NA     | gedneco01  |  49 |    34 |    2 |      |      |   11 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   2 |       |    0 |
| NA     | geerbi01   |   0 |     1 |    0 |      |      |    0 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   61 |    0 |    0 |  14 |        |  19 |       |    0 |
| NA     | gerhajo01  |  10 |     6 |    0 |      |      |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   38 |    1 |    0 |   8 |        |   8 |       |    0 |
| NA     | gilro01    |   4 |     7 |    0 |      |      |    3 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    0 |  237 |    5 |    2 |  55 |        |  67 |       |    0 |
| NA     | glennjo01  |  33 |    33 |    2 |      |      |    4 |       1
```

```
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    0 |  143 |    2 |    0 |  33 |        |  32 |       |    0 |
| NA     | gouldch01  |  20 |    14 |    1 |      |       |    1 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    8 |  222 |    1 |    0 |  47 |        |  64 |       |    1 |
| NA     | hallge01   |  58 |    32 |    2 |      |       |    0 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    9 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | hallji01   |   0 |     0 |    0 |      |       |    0 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    2 |  246 |    5 |    4 |  52 |        |  80 |       |    0 |
| NA     | hastisc01  |  60 |    29 |    7 |      |       |    3 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    1 |  292 |    7 |    0 |  63 |        |  66 |       |    0 |
| NA     | hatfijo01  |  47 |    30 |    4 |      |       |   12 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    1 |  266 |    5 |    2 |  58 |        |  73 |       |    0 |
| NA     | hicksna01  |  51 |    30 |    3 |      |       |    4 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    3 |  333 |    4 |    3 |  65 |        |  87 |       |    1 |
| NA     | highadi01  |  58 |    37 |    5 |      |       |    0 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  271 |    4 |    1 |  59 |        |  80 |       |    0 |
| NA     | hinespa01  |  47 |    34 |    4 |      |       |    4 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   81 |    0 |    0 |  21 |        |  12 |       |    0 |
| NA     | hodesch01  |   8 |     7 |    0 |      |       |    2 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    9 |  285 |    1 |    2 |  57 |        |  97 |       |    0 |
| NA     | holdsji01  |  60 |    37 |    1 |      |       |    0 |       1
 | PH2      |     1874 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    7 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | jones01    |   0 |     1 |    0 |      |      |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   56 |    0 |    0 |  14 |        |  17 |       |    0 |
| NA     | kesslhe01  |   8 |     4 |    0 |      |      |    2 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   86 |    1 |    0 |  24 |        |  12 |       |    0 |
| NA     | knowdja01  |   8 |     3 |    1 |      |      |    3 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   2 |        |   0 |       |    0 |
| NA     | kohlehe01  |   0 |     0 |    0 |      |      |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | ledwimi01  |   1 |     1 |    0 |      |      |    0 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   18 |    4 |  339 |    2 |    3 |  71 |        | 108 |       |    0 |
| NA     | leonaan01  |  68 |    51 |   11 |      |      |    2 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    4 |  246 |    2 |    0 |  56 |        |  51 |       |    0 |
| NA     | mackde01   |  48 |    22 |    4 |      |      |    3 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  223 |    4 |    1 |  47 |        |  56 |       |    0 |
| NA     | malonfe01  |  33 |    29 |    2 |      |      |    0 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    2 |  174 |    2 |    0 |  42 |        |  61 |       |    0 |
| NA     | mannija01  |  32 |    18 |    0 |      |      |    2 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | mannija01  |   1 |     0 |    0 |      |      |    0 |       2
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   29 |    0 |    0 |   7 |        |   4 |       |    0 |
| NA     | martial01  |   1 |     1 |    0 |      |      |    1 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  298 |    3 |    0 |  65 |        |  72 |       |    0 |
| NA     | mathebo01  |  46 |    30 |    2 |      |      |    3 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  263 |    1 |    0 |  55 |        |  57 |       |    0 |
| NA     | mcbridi01  |  30 |    34 |    1 |      |      |    5 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  271 |    1 |    2 |  54 |        |  87 |       |    0 |
| NA     | mcgeami01  |  61 |    22 |   10 |      |      |    2 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   65 |    0 |    0 |  16 |        |  11 |       |    0 |
| NA     | mcgeepa01  |   4 |     6 |    0 |      |      |    3 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | mckenfr01  |   0 |     0 |    0 |      |      |    1 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  260 |    8 |    3 |  55 |        |  90 |       |    2 |
| NA     | mcmuljo01  |  61 |    32 |    4 |      |      |   12 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   21 |    6 |  343 |    1 |    0 |  70 |        | 123 |       |    3 |
| NA     | mcveyca01  |  91 |    71 |    5 |      |      |    3 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   19 |    1 |  254 |    3 |    1 |  53 |        | 100 |       |    1 |
| NA     | meyerle01  |  65 |    47 |    3 |      |      |    4 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   16 |    0 |    0 |   4 |        |   8 |       |    0 |
| NA     | milleto01  |   1 |     5 |    0 |      |      |    0 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    6 |    1 |  243 |    4 |    1 |  53 |        |  69 |       |    0 |
| NA     | millsev01  |  39 |    17 |    0 |      |       |    2 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   82 |    1 |    1 |  21 |        |  17 |       |    0 |
| NA     | murnati01  |  11 |    11 |    0 |      |       |    3 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    5 |  297 |    9 |    0 |  65 |        |  73 |       |    0 |
| NA     | nelsoca01  |  55 |    32 |    6 |      |       |    5 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | oneal01    |   0 |     0 |    0 |      |       |    1 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   15 |    8 |  331 |    4 |    1 |  70 |        | 104 |       |    5 |
| NA     | orourji01  |  82 |    61 |   11 |      |       |    5 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   77 |    0 |    1 |  17 |        |  17 |       |    0 |
| NA     | paborch01  |  11 |     1 |    0 |      |       |    0 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | patteda01  |   1 |     2 |    0 |      |       |    0 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  255 |    6 |    0 |  56 |        |  75 |       |    0 |
| NA     | pearcdi01  |  48 |    25 |    1 |      |       |    1 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    0 |  239 |    2 |    2 |  55 |        |  69 |       |    1 |
| NA     | peterjo01  |  39 |    25 |    2 |      |       |   11 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   24 |    0 |    0 |   6 |        |   3 |       |    0 |
| NA     | phelpne01  |   5 |     2 |    0 |      |       |    0 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|   22 |    5 |  234 |    5 |    1 |  52 |        |  83 |       |    1 |
| NA     | pikeli01   |  58 |    51 |    3 |      |       |    0 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | quinl01    |   0 |     1 |    0 |      |       |    0 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  103 |    2 |    1 |  23 |        |  25 |       |    1 |
| NA     | radcljo01  |  20 |    14 |    1 |      |       |    0 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   55 |    0 |    0 |  14 |        |   7 |       |    0 |
| NA     | reachal01  |   8 |     2 |    0 |      |       |    4 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | reedhu01   |   0 |     0 |    0 |      |       |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    3 |  284 |    0 |    0 |  64 |        |  65 |       |    2 |
| NA     | remseja01  |  52 |    37 |    6 |      |       |    5 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | revilhe01  |   0 |     0 |    0 |      |       |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    1 |  182 |    5 |    0 |  47 |        |  35 |       |    0 |
| NA     | ryanjo01   |  29 |    19 |    3 |      |       |   13 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   66 |    0 |    0 |  18 |        |  14 |       |    0 |
| NA     | saylo01    |   4 |     5 |    0 |      |       |    1 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  327 |    1 |    4 |  71 |        |  87 |       |    1 |
| NA     | schafha01  |  69 |    45 |    2 |      |       |    5 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |   54 |    0 |    0 |  12 |        |  16 |       |    0 |
```

```
| NA     | selmafr01  |   9 |     5 |    2 |       |       |    2 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   16 |    0 |    0 |   5 |        |   3 |       |    0 |
| NA     | senseco01  |   3 |     2 |    0 |       |       |    0 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   35 |    0 |    0 |   9 |        |   8 |       |    1 |
| NA     | shaffor01  |   6 |     3 |    0 |       |       |    3 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | shaffor01  |   1 |     0 |    0 |       |       |    0 |       2
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    7 |    0 |    0 |   2 |        |   0 |       |    0 |
| NA     | smilebi01  |   0 |     0 |    0 |       |       |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   21 |    0 |    0 |   6 |        |   4 |       |    0 |
| NA     | smithjo01  |   1 |     1 |    0 |       |       |    1 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    1 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | snowch01   |   0 |     0 |    0 |       |       |    0 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  151 |    1 |    0 |  39 |        |  33 |       |    1 |
| NA     | snydepo01  |  24 |    17 |    0 |       |       |    2 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    1 |  362 |    3 |    1 |  71 |        | 119 |       |    0 |
| NA     | spaldal01  |  80 |    54 |    2 |       |       |    0 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    3 |  306 |    4 |    0 |  63 |        |  96 |       |    2 |
| NA     | startjo01  |  67 |    45 |    5 |       |       |    0 |       1
 | NY2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  132 |    7 |    0 |  33 |        |  21 |       |    0 |
| NA     | stearbi01  |  16 |     9 |    0 |       |       |    7 |       1
```

```
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    3 |  243 |    0 |    4 |  55 |        |  71 |       |    0 |
| NA     | suttoez01  |  54 |    28 |    6 |      |      |    2 |       1
 | PH1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   33 |    2 |    0 |   8 |        |   8 |       |    0 |
| NA     | sweasch01  |   2 |     4 |    0 |      |      |    0 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   44 |    0 |    0 |  10 |        |   5 |       |    0 |
| NA     | sweasch01  |   4 |     3 |    0 |      |      |    0 |       2
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   48 |    0 |    0 |  13 |        |  12 |       |    0 |
| NA     | tayloza01  |   3 |     3 |    0 |      |      |    1 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    0 |  197 |    1 |    1 |  45 |        |  60 |       |    0 |
| NA     | tippeji01  |  36 |    20 |    0 |      |      |    7 |       1
 | HR1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  148 |    2 |    4 |  35 |        |  28 |       |    0 |
| NA     | treacfr01  |  18 |    12 |    4 |      |      |    6 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   35 |    1 |    0 |   9 |        |   8 |       |    0 |
| NA     | westbi01   |   4 |     2 |    0 |      |      |    2 |       1
 | BR2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    7 |  353 |    4 |    1 |  70 |        | 106 |       |    3 |
| NA     | whitede01  |  75 |    52 |    1 |      |      |    0 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  212 |    1 |    0 |  45 |        |  57 |       |    0 |
| NA     | whitewa01  |  21 |    18 |    1 |      |      |    2 |       1
 | BL1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | wood01     |   0 |     0 |    0 |      |      |    1 |       1
 | BL1      |     1874 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |   15 |  313 |    5 |    0 |  60 |        | 103 |       |    2 |
| NA     | wrighge01  |  76 |    44 |    2 |      |       |    6 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    2 |  184 |    4 |    0 |  40 |        |  58 |       |    2 |
| NA     | wrighha01  |  44 |    27 |    1 |      |       |    2 |       1
 | BS1      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    7 |  224 |    5 |    0 |  50 |        |  56 |       |    0 |
| NA     | yorkto01   |  36 |    37 |    1 |      |       |    4 |       1
 | PH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  244 |    1 |    0 |  57 |        |  47 |       |    0 |
| NA     | zettlge01  |  26 |    18 |    0 |      |       |    5 |       1
 | CH2      |     1874 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   45 |    0 |    0 |  11 |        |  10 |       |    0 |
| NA     | abadijo01  |   3 |     4 |    1 |      |       |    3 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | abadijo01  |   1 |     1 |    0 |      |       |    0 |       2
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    4 |  310 |    0 |    8 |  69 |        |  80 |       |    0 |
| NA     | addybo01   |  60 |    43 |   16 |      |       |    2 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |  112 |    1 |    0 |  26 |        |  24 |       |    0 |
| NA     | allisar01  |  18 |     3 |    6 |      |       |    2 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  175 |    0 |    2 |  40 |        |  42 |       |    1 |
| NA     | allisar01  |  26 |    19 |    1 |      |       |    3 |       2
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  269 |    6 |    0 |  61 |        |  67 |       |    0 |
| NA     | allisdo01  |  38 |    21 |    2 |      |       |    3 |       1
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   15 |    3 |  326 |    4 |    6 |  69 |        | 106 |       |    0 |
| NA     | ansonca01  |  84 |    58 |   11 |      |       |    2 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | arundha01  |   0 |     0 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   72 |    0 |    0 |  19 |        |  11 |       |    0 |
| NA     | banckst01  |   3 |     2 |    1 |      |       |    3 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | barloto01  |   1 |     0 |    0 |      |       |    0 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | barloto01  |   0 |     0 |    0 |      |       |    0 |       2
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   20 |    4 |  393 |    7 |    6 |  78 |        | 143 |       |    1 |
| NA     | barnero01  | 115 |    58 |   29 |      |       |    3 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   36 |    0 |    0 |  10 |        |   4 |       |    0 |
| NA     | barnibi01  |   3 |     2 |    0 |      |       |    3 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   34 |    1 |    0 |   9 |        |   5 |       |    0 |
| NA     | barnibi01  |   1 |     1 |    0 |      |       |    0 |       2
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    3 |  284 |    0 |    3 |  67 |        |  71 |       |    0 |
| NA     | battijo01  |  31 |    33 |   15 |      |       |    6 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    6 |  155 |    3 |    0 |  35 |        |  41 |       |    0 |
| NA     | bealsto01  |  38 |    16 |    1 |      |       |    1 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    5 |    0 |   61 |    1 |    0 |  14 |        |  17 |       |    0 |
| NA     | bechtge01  |  12 |     7 |    0 |      |       |    1 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    2 |  164 |    1 |    0 |  35 |        |  46 |       |    0 |
| NA     | bechtge01  |  33 |    20 |    2 |      |       |    3 |       2
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  201 |    2 |    5 |  51 |        |  48 |       |    0 |
| NA     | bielaos01  |  21 |    11 |    5 |      |       |    5 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   68 |    0 |    0 |  16 |        |  10 |       |    0 |
| NA     | blongjo01  |   3 |     5 |    1 |      |       |    7 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | bolan01    |   0 |     0 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    3 |  289 |    0 |    1 |  72 |        |  77 |       |    0 |
| NA     | bondto01   |  32 |    33 |    5 |      |       |    5 |       1
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    2 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | booth01    |   0 |     0 |    0 |      |       |    1 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    4 |  281 |    0 |    3 |  68 |        |  56 |       |    0 |
| NA     | boothed01  |  33 |    18 |    4 |      |       |    2 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   28 |    0 |    0 |   7 |        |   3 |       |    0 |
| NA     | bordejo01  |   3 |     1 |    0 |      |       |    1 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    0 |  151 |    1 |    0 |  36 |        |  44 |       |    1 |
| NA     | boydbi01   |  14 |    10 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    7 |    3 |  254 |    1 |    3 |  60 |        |  62 |       |    0 |
| NA     | bradlge01  |  28 |    24 |    3 |      |       |   19 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | brady01    |   1 |     0 |    0 |      |       |    0 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   91 |    0 |    0 |  21 |        |  13 |       |    0 |
| NA     | bradyst01  |   7 |     3 |    5 |      |       |    4 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | bradyst01  |   0 |     0 |    0 |      |       |    1 |       2
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    9 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | brannmi01  |   2 |     0 |    2 |      |       |    0 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   10 |    0 |    0 |   3 |        |   0 |       |    0 |
| NA     | brownol01  |   0 |     0 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    5 |  350 |    3 |   11 |  74 |        | 103 |       |    0 |
| NA     | burdoja01  |  72 |    35 |   20 |      |       |   13 |       1
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |    5 |    0 |    0 |   1 |        |   3 |       |    0 |
| NA     | bushodo01  |   0 |     0 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   36 |    0 |    0 |  10 |        |   3 |       |    0 |
| NA     | carbijo01  |   0 |     2 |    0 |      |       |    1 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    2 |  382 |    1 |    3 |  86 |        | 101 |       |    0 |
| NA     | careyto01  |  63 |    38 |   13 |      |       |    3 |       1
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  166 |    0 |    0 |  41 |        |  29 |       |    1 |
```

```
| NA     | cassijo01  |  14 |     6 |    0 |      |      |    4 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   22 |    0 |    1 |   6 |        |   3 |       |    0 |
| NA     | cassijo01  |   3 |     1 |    0 |      |      |    1 |       2
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    3 |  195 |    1 |    1 |  43 |        |  44 |       |    0 |
| NA     | chapmja01  |  28 |    30 |    4 |      |      |    7 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   59 |    0 |    0 |  17 |        |   6 |       |    0 |
| NA     | clackbo01  |   1 |     1 |    0 |      |      |    3 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    7 |  292 |    7 |    5 |  60 |        |  77 |       |    0 |
| NA     | clappjo01  |  65 |    39 |    9 |      |      |    1 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   81 |    0 |    0 |  22 |        |  10 |       |    0 |
| NA     | clintji01  |   3 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   12 |    0 |    0 |   4 |        |   2 |       |    0 |
| NA     | coonwi01   |   1 |     1 |    1 |      |      |    0 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   81 |    0 |    0 |  21 |        |  17 |       |    0 |
| NA     | cranefr01  |   7 |     4 |    0 |      |      |    4 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    2 |   65 |    2 |    0 |  14 |        |  18 |       |    0 |
| NA     | cravebi01  |   8 |     5 |    1 |      |      |    4 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |   11 |  260 |    4 |    4 |  54 |        |  83 |       |    2 |
| NA     | cravebi01  |  71 |    40 |    8 |      |      |    5 |       2
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   75 |    0 |    1 |  19 |        |  15 |       |    0 |
| NA     | croftar01  |   5 |     2 |    5 |      |      |    2 |       1
```

```
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   37 |    1 |    0 |   9 |        |   3 |       |    0 |
| NA     | crowlbi01  |   4 |     3 |    0 |      |       |    0 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    2 |  221 |    3 |    0 |  53 |        |  44 |       |    0 |
| NA     | cummica01  |  30 |    15 |    1 |      |       |   11 |       1
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    2 |  319 |    3 |    1 |  68 |        |  78 |       |    0 |
| NA     | cuthbne01  |  68 |    17 |   18 |      |       |    8 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    4 |  110 |    0 |    2 |  27 |        |  20 |       |    0 |
| NA     | dailejo01  |  16 |    13 |    3 |      |       |    1 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | dailejo01  |   3 |     0 |    0 |      |       |    1 |       2
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    2 |  254 |   11 |    9 |  67 |        |  57 |       |    0 |
| NA     | dehlmhe01  |  42 |    14 |   23 |      |       |   21 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   17 |    6 |  318 |    4 |    1 |  69 |        |  92 |       |    0 |
| NA     | devliji01  |  60 |    40 |    6 |      |       |    4 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    1 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | dillojo01  |   0 |     0 |    0 |      |       |    0 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   13 |    0 |    0 |   3 |        |   3 |       |    0 |
| NA     | dillopa01  |   1 |     1 |    0 |      |       |    0 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | dolele01   |   1 |     0 |    0 |      |       |    0 |       1
 | NH1      |     1875 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |   81 |    0 |    0 |  22 |        |  15 |       |    0 |
| NA     | doschhe01  |   5 |     5 |    1 |      |      |    6 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | edwar01    |   1 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    7 |  295 |    1 |    5 |  66 |        |  89 |       |    0 |
| NA     | eggleda01  |  66 |    33 |    6 |      |      |   10 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   27 |    0 |    0 |   7 |        |   6 |       |    0 |
| NA     | ellicjo01  |   1 |     1 |    1 |      |      |    1 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | evans01    |   1 |     1 |    0 |      |      |    0 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    4 |  366 |    3 |    1 |  85 |        |  88 |       |    0 |
| NA     | fergubo01  |  65 |    43 |    2 |      |      |    5 |       1
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   11 |    0 |    0 |   3 |        |   1 |       |    0 |
| NA     | fieldsa01  |   2 |     0 |    0 |      |      |    0 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   16 |    0 |    0 |   5 |        |   5 |       |    0 |
| NA     | fieldsa01  |   0 |     1 |    1 |      |      |    1 |       2
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |  177 |    1 |    3 |  41 |        |  41 |       |    0 |
| NA     | fishech01  |  26 |    11 |    4 |      |      |    6 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    3 |  268 |    4 |    4 |  58 |        |  74 |       |    0 |
| NA     | fislewe01  |  54 |    31 |    1 |      |      |    4 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   16 |    0 |    0 |   4 |        |   1 |       |    0 |
| NA     | fleetfr01  |   1 |     1 |    0 |      |       |    0 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  111 |    1 |    0 |  26 |        |  25 |       |    0 |
| NA     | fleetfr01  |  13 |     9 |    0 |      |       |    1 |       2
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   61 |    1 |    0 |  17 |        |   5 |       |    0 |
| NA     | flintsi01  |   4 |     1 |    2 |      |       |   10 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   12 |    0 |    0 |   3 |        |   3 |       |    0 |
| NA     | foleywi01  |   0 |     1 |    0 |      |       |    2 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   22 |    5 |  386 |    7 |    3 |  77 |        | 120 |       |    0 |
| NA     | forceda01  |  78 |    49 |    6 |      |       |    5 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  295 |    0 |    4 |  69 |        |  65 |       |    0 |
| NA     | fulmech01  |  50 |    24 |   10 |      |       |    6 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | fulmewa01  |   1 |     1 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   46 |    0 |    0 |  13 |        |   6 |       |    0 |
| NA     | galvipu01  |   8 |     2 |    3 |      |       |    1 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    2 |  267 |    0 |    3 |  68 |        |  55 |       |    0 |
| NA     | gedneco01  |  30 |    17 |    2 |      |       |    8 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  164 |    1 |    2 |  37 |        |  40 |       |    0 |
| NA     | geerbi01   |  20 |     9 |    2 |      |       |    4 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    7 |    3 |  252 |    0 |    5 |  58 |        |  54 |       |    0 |
| NA     | gerhajo01  |  29 |    20 |    0 |      |       |    2 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   2 |       |    0 |
| NA     | gilgahu01  |   2 |     0 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   12 |    0 |    0 |   3 |        |   3 |       |    0 |
| NA     | gilmoji01  |   2 |     0 |    0 |      |       |    3 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    6 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | gilro01    |   0 |     0 |    0 |      |       |    0 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    0 |  308 |    3 |    2 |  69 |        |  75 |       |    0 |
| NA     | glennjo01  |  46 |    27 |   10 |      |       |    6 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   46 |    0 |    0 |  13 |        |   6 |       |    0 |
| NA     | goldemi01  |   6 |     1 |    0 |      |       |    3 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  155 |    2 |    2 |  39 |        |  40 |       |    0 |
| NA     | goldemi01  |  16 |    14 |    3 |      |       |   10 |       2
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | goldsfr01  |   0 |     1 |    0 |      |       |    0 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   51 |    0 |    0 |  13 |        |   6 |       |    0 |
| NA     | goldswa01  |   3 |     1 |    0 |      |       |    2 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  109 |    1 |    1 |  27 |        |  29 |       |    0 |
| NA     | gouldch01  |   9 |     8 |    0 |      |       |    2 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    2 |    0 |  260 |    2 |    4 |  62 |        |  57 |       |    0 |
| NA     | haguebi01  |  24 |    22 |    3 |      |       |    9 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |   12 |  358 |    3 |    5 |  77 |        | 107 |       |    4 |
| NA     | hallge01   |  71 |    62 |    8 |      |       |    4 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   51 |    0 |    2 |  13 |        |  14 |       |    0 |
| NA     | halliji01  |  12 |     3 |    2 |      |       |    1 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    3 |  203 |    1 |    2 |  44 |        |  58 |       |    3 |
| NA     | halliji01  |  29 |    21 |    2 |      |       |    2 |       2
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |    3 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | hallji01   |   0 |     1 |    0 |      |       |    0 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    3 |  208 |    9 |    4 |  53 |        |  50 |       |    0 |
| NA     | harbibi01  |  32 |    26 |    2 |      |       |    3 |       1
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    4 |    0 |    1 |   1 |        |   2 |       |    0 |
| NA     | harriri01  |   0 |     1 |    0 |      |       |    0 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    0 |  287 |    9 |   11 |  65 |        |  73 |       |    0 |
| NA     | hastisc01  |  43 |    30 |   13 |      |       |   14 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    4 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | hatfijo01  |   1 |     1 |    0 |      |       |    0 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   83 |    0 |    1 |  19 |        |  25 |       |    0 |
| NA     | hautzch01  |   5 |     4 |    5 |      |       |    9 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    3 |   50 |    0 |    0 |  11 |        |  14 |       |    0 |
```

```
| NA     | heifefr01  |  11 |     5 |    0 |      |      |    0 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | helli01    |   0 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    0 |  269 |    2 |    0 |  62 |        |  67 |       |    0 |
| NA     | hicksna01  |  32 |    22 |    1 |      |      |   10 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    3 |  208 |    0 |    2 |  42 |        |  49 |       |    0 |
| NA     | highadi01  |  44 |    12 |    6 |      |      |    0 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |   64 |    0 |    0 |  15 |        |  25 |       |    0 |
| NA     | highadi01  |  12 |    10 |    0 |      |      |    1 |       2
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    4 |  308 |    1 |    9 |  69 |        | 101 |       |    0 |
| NA     | hinespa01  |  45 |    36 |    6 |      |      |    0 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    1 |  324 |    1 |    3 |  71 |        |  92 |       |    0 |
| NA     | holdsji01  |  45 |    23 |    3 |      |      |    3 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   81 |    1 |    1 |  19 |        |  20 |       |    0 |
| NA     | holliho01  |   8 |     5 |    2 |      |      |    2 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    4 |   47 |    0 |    1 |  12 |        |  13 |       |    0 |
| NA     | jonesch01  |   4 |    10 |    1 |      |      |    5 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | jonesch01  |   1 |     0 |    0 |      |      |    1 |       2
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   13 |    0 |    0 |   5 |        |   1 |       |    0 |
| NA     | keenaji01  |   1 |     0 |    0 |      |      |    0 |       1
```

```
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   23 |    0 |    0 |   6 |        |   3 |       |    0 |
| NA     | keerlge01  |   2 |     3 |    0 |      |       |    2 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  105 |    1 |    2 |  25 |        |  26 |       |    0 |
| NA     | kesslhe01  |  17 |     7 |    0 |      |       |    2 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | knighge01  |   0 |     0 |    0 |      |       |    0 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   47 |    0 |    0 |  13 |        |   6 |       |    0 |
| NA     | knighlo01  |   5 |     2 |    2 |      |       |    2 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  163 |    1 |    1 |  43 |        |  32 |       |    0 |
| NA     | knowdja01  |  17 |     9 |    0 |      |       |    3 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |   78 |    0 |    0 |  16 |        |  21 |       |    0 |
| NA     | lathaju01  |  23 |    13 |    0 |      |       |    2 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   76 |    0 |    0 |  20 |        |  15 |       |    0 |
| NA     | lathaju01  |   6 |     5 |    6 |      |       |    4 |       2
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    6 |  396 |    2 |    8 |  80 |        | 127 |       |    1 |
| NA     | leonaan01  |  87 |    74 |   14 |      |       |    6 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   21 |    1 |    0 |   6 |        |   5 |       |    0 |
| NA     | lovetle01  |   2 |     2 |    0 |      |       |    5 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   22 |    1 |    1 |   6 |        |   3 |       |    0 |
| NA     | lowryjo01  |   2 |     0 |    0 |      |       |    0 |       1
 | WS6      |     1875 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    3 |  166 |    0 |    3 |  38 |        |  45 |       |    2 |
| NA     | luffhe01   |  15 |    18 |    3 |      |      |    5 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |  123 |    1 |    0 |  29 |        |  28 |       |    0 |
| NA     | malonfe01  |  15 |    10 |    1 |      |      |    2 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    3 |  348 |    2 |    5 |  77 |        |  94 |       |    1 |
| NA     | mannija01  |  71 |    46 |    5 |      |      |    9 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   26 |    0 |    0 |   6 |        |   3 |       |    0 |
| NA     | martial01  |   1 |     1 |    0 |      |      |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   47 |    0 |    0 |  12 |        |  11 |       |    0 |
| NA     | masonch01  |   5 |     3 |    0 |      |      |    1 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   33 |    0 |    0 |   8 |        |   3 |       |    0 |
| NA     | masonch01  |   2 |     1 |    0 |      |      |    3 |       2
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    2 |  264 |    2 |    2 |  70 |        |  48 |       |    0 |
| NA     | mathebo01  |  23 |    15 |    1 |      |      |    5 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    0 |  270 |    4 |    1 |  60 |        |  73 |       |    0 |
| NA     | mcbridi01  |  42 |    45 |    2 |      |      |    5 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   40 |    1 |    1 |  11 |        |   7 |       |    0 |
| NA     | mcclobi01  |   1 |     4 |    0 |      |      |    2 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    2 |  310 |    1 |    4 |  68 |        |  90 |       |    0 |
| NA     | mcgeami01  |  71 |    37 |   19 |      |      |    1 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   95 |    0 |    0 |  25 |        |  17 |       |    0 |
| NA     | mcgeepa01  |   4 |     9 |    0 |      |      |   10 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   65 |    1 |    0 |  18 |        |  10 |       |    0 |
| NA     | mcgeepa01  |   3 |     5 |    0 |      |      |    4 |       2
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   52 |    0 |    0 |  13 |        |  12 |       |    0 |
| NA     | mcginti01  |   5 |     5 |    0 |      |      |    4 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |  131 |    0 |    1 |  32 |        |  36 |       |    0 |
| NA     | mcginti01  |  13 |    10 |    1 |      |      |    7 |       2
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |  188 |    5 |    1 |  43 |        |  43 |       |    0 |
| NA     | mckeljo01  |  26 |    10 |    3 |      |      |    8 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    4 |  222 |    5 |   10 |  54 |        |  57 |       |    2 |
| NA     | mcmuljo01  |  33 |    19 |    6 |      |      |   12 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   52 |    0 |    0 |  15 |        |  11 |       |    0 |
| NA     | mcsortr01  |   4 |     2 |    3 |      |      |    3 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   36 |    9 |  389 |    1 |    0 |  82 |        | 138 |       |    3 |
| NA     | mcveyca01  |  89 |    87 |    7 |      |      |    5 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   32 |    0 |    0 |   8 |        |   7 |       |    0 |
| NA     | metcaal01  |   2 |     1 |    2 |      |      |    3 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    8 |  301 |    0 |    2 |  68 |        |  95 |       |    1 |
| NA     | meyerle01  |  55 |    54 |    7 |      |      |    2 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    1 |    0 |   50 |    0 |    0 |  13 |        |   6 |       |    0 |
| NA     | millejo01  |   4 |     0 |    0 |      |       |    3 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   54 |    0 |    0 |  15 |        |   8 |       |    0 |
| NA     | millejo01  |   1 |     1 |    0 |      |       |    7 |       2
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  214 |    1 |    0 |  56 |        |  35 |       |    0 |
| NA     | milleto01  |  18 |    12 |    2 |      |       |    8 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    4 |  342 |    0 |    4 |  80 |        |  89 |       |    1 |
| NA     | millsev01  |  59 |    48 |    6 |      |       |    3 |       1
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |   86 |    0 |    1 |  21 |        |  19 |       |    0 |
| NA     | mooremo01  |   5 |     5 |    0 |      |       |    4 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |   69 |    5 |    1 |  19 |        |  18 |       |    0 |
| NA     | morgapi01  |  11 |     1 |    2 |      |       |    4 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | munnho01   |   0 |     0 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  313 |    7 |    9 |  69 |        |  85 |       |    1 |
| NA     | murnati01  |  71 |    30 |   30 |      |       |    7 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  276 |    9 |    2 |  70 |        |  55 |       |    0 |
| NA     | nelsoca01  |  28 |    23 |    4 |      |       |    0 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  131 |    0 |    0 |  32 |        |  20 |       |    0 |
| NA     | nichoal01  |   4 |     9 |    0 |      |       |    6 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    0 |    2 |  119 |    0 |    0 |  34 |        |  23 |       |    0 |
| NA     | nichotr01  |  12 |     5 |    5 |      |       |    2 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   26 |    1 |    1 |   7 |        |   2 |       |    0 |
| NA     | oneilj01   |   3 |     1 |    0 |      |       |    1 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |   81 |    1 |    2 |  19 |        |  15 |       |    0 |
| NA     | oranto01   |   7 |    10 |    3 |      |       |    1 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    7 |  358 |    9 |    5 |  75 |        | 106 |       |    6 |
| NA     | orourji01  |  97 |    72 |   17 |      |       |    6 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    2 |  153 |    1 |    0 |  42 |        |  36 |       |    0 |
| NA     | paborch01  |  14 |    11 |    0 |      |       |    1 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    2 |   23 |    0 |    0 |   6 |        |   8 |       |    0 |
| NA     | paborch01  |   4 |     2 |    0 |      |       |    1 |       2
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |  111 |    1 |    1 |  27 |        |  20 |       |    0 |
| NA     | parksbi01  |  13 |     6 |    1 |      |       |    1 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    6 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | parksbi01  |   0 |     0 |    0 |      |       |    1 |       2
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   45 |    0 |    0 |  12 |        |   9 |       |    0 |
| NA     | patteda01  |   4 |     4 |    1 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    3 |  311 |    7 |    3 |  70 |        |  77 |       |    0 |
| NA     | pearcdi01  |  51 |    29 |    8 |      |       |    7 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   16 |    2 |  297 |    0 |    6 |  69 |        |  85 |       |    0 |
```

```
| NA     | peterjo01  |  40 |    34 |   12 |      |      |    3 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    6 |    0 |    0 |   2 |        |   2 |       |    0 |
| NA     | phelpne01  |   1 |     0 |    0 |      |      |    1 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   22 |   12 |  312 |    3 |   10 |  70 |        | 108 |       |    0 |
| NA     | pikeli01   |  61 |    44 |   25 |      |      |    8 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | quinnpa01  |   2 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   43 |    0 |    1 |  11 |        |  14 |       |    0 |
| NA     | quinnpa02  |   4 |     5 |    0 |      |      |    1 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   13 |    1 |    1 |   5 |        |   3 |       |    0 |
| NA     | quinnpa02  |   1 |     1 |    0 |      |      |    3 |       2
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   61 |    0 |    1 |  17 |        |  14 |       |    0 |
| NA     | quinnpa02  |  12 |     1 |    1 |      |      |    2 |       3
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   23 |    1 |    0 |   5 |        |   4 |       |    0 |
| NA     | radcljo01  |   2 |     0 |    0 |      |      |    0 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   14 |    0 |    1 |   3 |        |   4 |       |    0 |
| NA     | reachal01  |   4 |     1 |    2 |      |      |    0 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   82 |    2 |    0 |  19 |        |  16 |       |    0 |
| NA     | redmobi01  |  12 |     1 |    3 |      |      |    7 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    4 |  358 |    5 |    3 |  86 |        |  96 |       |    0 |
| NA     | remseja01  |  70 |    34 |    6 |      |      |    4 |       1
```

```
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  108 |    0 |    0 |  27 |        |  21 |       |    0 |
| NA     | resslla01  |  17 |     5 |    4 |      |      |    4 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | rextewi01  |   0 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  125 |    1 |    0 |  29 |        |  25 |       |    0 |
| NA     | richmjo01  |  29 |    12 |    1 |      |      |    4 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   33 |    1 |    0 |   8 |        |   5 |       |    0 |
| NA     | rileybi01  |   4 |     1 |    0 |      |      |    1 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   69 |    1 |    2 |  16 |        |  12 |       |    0 |
| NA     | rocapad01  |  13 |     4 |    3 |      |      |    7 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    2 |  146 |    3 |    4 |  37 |        |  23 |       |    0 |
| NA     | ryanjo01   |  17 |     8 |   10 |      |      |   12 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   38 |    0 |    0 |  11 |        |  10 |       |    0 |
| NA     | saylo01    |   4 |     2 |    0 |      |      |    7 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    0 |  222 |    1 |    2 |  52 |        |  64 |       |    0 |
| NA     | schafha01  |  49 |    17 |    3 |      |      |    8 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | selmafr01  |   0 |     0 |    0 |      |      |    0 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   96 |    1 |    0 |  25 |        |  24 |       |    0 |
| NA     | sewarge01  |  12 |     8 |    1 |      |      |    1 |       1
 | SL2      |     1875 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | shaff01    |   0 |     0 |    0 |      |      |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   70 |    0 |    0 |  19 |        |  17 |       |    0 |
| NA     | shaffor01  |  10 |     6 |    2 |      |      |    4 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | sheri01    |   0 |     0 |    0 |      |      |    1 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   53 |    0 |    2 |  13 |        |   9 |       |    0 |
| NA     | simmojo01  |   5 |     4 |    1 |      |      |    2 |       1
 | KEO      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    1 |    0 |   1 |        |   0 |       |    0 |
| NA     | smithjo01  |   0 |     0 |    0 |      |      |    0 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   13 |    0 |    0 |   3 |        |   1 |       |    0 |
| NA     | smithto01  |   0 |     1 |    0 |      |      |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    2 |  263 |    4 |    8 |  66 |        |  64 |       |    1 |
| NA     | snydepo01  |  38 |    25 |    3 |      |      |    4 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   57 |    1 |    0 |  14 |        |  13 |       |    0 |
| NA     | somered01  |   6 |     6 |    1 |      |      |    3 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  136 |    1 |    2 |  33 |        |  29 |       |    0 |
| NA     | somered01  |  14 |     7 |    1 |      |      |    3 |       2
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   15 |    3 |  343 |    3 |    2 |  74 |        | 107 |       |    0 |
| NA     | spaldal01  |  68 |    56 |    2 |      |      |    3 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    5 |  314 |    3 |    4 |  69 |        |  90 |       |    4 |
| NA     | startjo01  |  58 |    30 |    1 |      |       |    0 |       1
 | NY2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   78 |    1 |    1 |  21 |        |  20 |       |    0 |
| NA     | stearbi01  |   9 |     7 |    0 |      |       |    4 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | stevero01  |   0 |     0 |    0 |      |       |    0 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    9 |    0 |    0 |   2 |        |   1 |       |    0 |
| NA     | stodd01    |   1 |     0 |    0 |      |       |    1 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   3 |       |    0 |
| NA     | sulli01    |   3 |     2 |    1 |      |       |    1 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    7 |  358 |    1 |   10 |  75 |        | 116 |       |    1 |
| NA     | suttoez01  |  83 |    59 |   13 |      |       |    3 |       1
 | PH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   76 |    3 |    4 |  19 |        |  13 |       |    0 |
| NA     | sweasch01  |   7 |     4 |    2 |      |       |    1 |       1
 | SL1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   22 |    0 |    0 |   6 |        |   4 |       |    0 |
| NA     | terry01    |   0 |     2 |    0 |      |       |    1 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   41 |    0 |    0 |  11 |        |   4 |       |    0 |
| NA     | thompan01  |   3 |     3 |    0 |      |       |    1 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   2 |       |    0 |
| NA     | thompfr01  |   1 |     1 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    1 |    0 |  159 |    1 |    0 |  41 |        |  25 |       |    0 |
| NA     | tippeji01  |  10 |     4 |    1 |      |       |    6 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   46 |    2 |    0 |  11 |        |  12 |       |    0 |
| NA     | treacfr01  |   9 |     2 |    1 |      |       |    0 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    3 |  179 |    1 |    3 |  43 |        |  38 |       |    0 |
| NA     | treacfr01  |  23 |    15 |    6 |      |       |    3 |       2
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   45 |    1 |    0 |  10 |        |   8 |       |    0 |
| NA     | trenwge01  |   5 |     4 |    0 |      |       |    2 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   25 |    0 |    0 |   6 |        |   6 |       |    0 |
| NA     | trenwge01  |   1 |     3 |    0 |      |       |    1 |       2
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    0 |  113 |    2 |    2 |  30 |        |  23 |       |    0 |
| NA     | waittch01  |  14 |    12 |    3 |      |       |    7 |       1
 | SL2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    2 |    1 |    0 |   1 |        |   0 |       |    0 |
| NA     | walkeos01  |   0 |     0 |    0 |      |       |    0 |       1
 | BR2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |   57 |    1 |    0 |  14 |        |  14 |       |    0 |
| NA     | warnefr01  |  11 |     2 |    0 |      |       |    2 |       1
 | PH3      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   20 |    0 |    1 |   5 |        |   6 |       |    0 |
| NA     | waterfr01  |   2 |     3 |    0 |      |       |    2 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | weavesa01  |   1 |     1 |    0 |      |       |    0 |       1
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|   23 |    3 |  371 |    3 |    3 |  80 |        | 136 |       |    1 |
| NA     | whitede01  |  76 |    60 |    2 |      |       |    2 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    0 |  287 |    0 |   10 |  69 |        |  71 |       |    0 |
| NA     | whitewa01  |  37 |    23 |    5 |      |       |    3 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    1 |    0 |    0 |   1 |        |   0 |       |    0 |
| NA     | withech01  |   0 |     0 |    0 |      |       |    0 |       1
 | WS6      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   20 |    7 |  408 |    2 |    6 |  79 |        | 136 |       |    2 |
| NA     | wrighge01  | 106 |    61 |   13 |      |       |    6 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NA     | wrighha01  |   1 |     0 |    0 |      |       |    1 |       1
 | BS1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  127 |    1 |    0 |  33 |        |  24 |       |    0 |
| NA     | wrighsa01  |  10 |     5 |    1 |      |       |    1 |       1
 | NH1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    7 |  375 |    3 |    3 |  86 |        | 111 |       |    0 |
| NA     | yorkto01   |  68 |    37 |    7 |      |       |    6 |       1
 | HR1      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |  133 |    0 |    0 |  32 |        |  29 |       |    0 |
| NA     | zettlge01  |   7 |     9 |    0 |      |       |    5 |       1
 | CH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   83 |    0 |    0 |  21 |        |  15 |       |    0 |
| NA     | zettlge01  |  10 |     6 |    1 |      |       |    7 |       2
 | PH2      |     1875 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  142 |    5 |    0 |  32 |        |  40 |       |    0 |
| NL     | addybo01   |  36 |    16 |    0 |      |       |    0 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |  130 |    2 |    0 |  31 |        |  27 |       |    0 |
```

```
| NL     | allisar01  |   9 |    10 |    0 |      |      |    6 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  163 |    3 |    0 |  44 |        |  43 |       |    0 |
| NL     | allisdo01  |  19 |    15 |    0 |      |      |    9 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   36 |    0 |    0 |   8 |        |  11 |       |    0 |
| NL     | andrufr01  |   6 |     2 |    0 |      |      |    5 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    7 |  309 |   12 |    0 |  66 |        | 110 |       |    2 |
| NL     | ansonca01  |  63 |    59 |    0 |      |      |    8 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   21 |   14 |  322 |   20 |    0 |  66 |        | 138 |       |    1 |
| NL     | barnero01  | 126 |    59 |    0 |      |      |    8 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    4 |  283 |    6 |    0 |  64 |        |  85 |       |    0 |
| NL     | battijo01  |  34 |    46 |    0 |      |      |    6 |       1
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   55 |    0 |    0 |  14 |        |  10 |       |    0 |
| NL     | bechtge01  |   2 |     2 |    0 |      |      |    1 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   10 |    0 |    0 |   2 |        |   3 |       |    0 |
| NL     | bechtge01  |   2 |     0 |    0 |      |      |    0 |       2
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | berghjo01  |   0 |     0 |    0 |      |      |    2 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  139 |    2 |    0 |  32 |        |  29 |       |    0 |
| NL     | bielaos01  |  24 |    10 |    0 |      |      |    3 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    4 |  264 |    2 |    0 |  62 |        |  62 |       |    0 |
| NL     | blongjo01  |  30 |    30 |    0 |      |      |    9 |       1
```

```
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    0 |  182 |    0 |    0 |  45 |        |  50 |       |    0 |
| NL     | bondto01   |  18 |    21 |    0 |      |       |    4 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  272 |    9 |    0 |  63 |        |  71 |       |    0 |
| NL     | bootham01  |  31 |    14 |    0 |      |       |   11 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |  228 |    2 |    0 |  57 |        |  49 |       |    0 |
| NL     | boothed01  |  17 |     7 |    0 |      |       |    4 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  121 |    3 |    0 |  32 |        |  25 |       |    0 |
| NL     | bordejo01  |  19 |     7 |    0 |      |       |    3 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   82 |    2 |    0 |  22 |        |  19 |       |    0 |
| NL     | bradlfo01  |  12 |     8 |    0 |      |       |    3 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    6 |  265 |    3 |    0 |  64 |        |  66 |       |    0 |
| NL     | bradlge01  |  29 |    28 |    0 |      |       |   12 |       1
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    6 |  195 |    3 |    0 |  45 |        |  41 |       |    2 |
| NL     | brownle01  |  23 |    21 |    0 |      |       |   22 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    1 |  309 |   13 |    0 |  69 |        |  80 |       |    0 |
| NL     | burdoja01  |  66 |    23 |    0 |      |       |   16 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   21 |    0 |    0 |   5 |        |   1 |       |    0 |
| NL     | bushodo01  |   4 |     1 |    0 |      |       |    0 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   25 |    0 |    0 |   7 |        |   4 |       |    0 |
| NL     | carbijo01  |   3 |     1 |    0 |      |       |    0 |       1
 | LS1      |     1876 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  289 |    3 |    0 |  68 |        |  78 |       |    0 |
| NL     | careyto01  |  51 |    26 |    0 |      |      |    4 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   47 |    1 |    0 |  12 |        |  13 |       |    0 |
| NL     | cassijo01  |   6 |     8 |    0 |      |      |    0 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   67 |    1 |    0 |  17 |        |  16 |       |    0 |
| NL     | chapmja01  |   4 |     5 |    0 |      |      |    3 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |  118 |    5 |    0 |  32 |        |  19 |       |    0 |
| NL     | clackbo01  |  10 |     5 |    0 |      |      |   12 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    2 |  298 |    8 |    0 |  64 |        |  91 |       |    0 |
| NL     | clappjo01  |  60 |    29 |    0 |      |      |    2 |       1
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   65 |    0 |    0 |  16 |        |  22 |       |    0 |
| NL     | clintji01  |   8 |     0 |    0 |      |      |    0 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   28 |    0 |    0 |   7 |        |   4 |       |    0 |
| NL     | collida01  |   3 |     9 |    0 |      |      |    2 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  220 |    2 |    0 |  54 |        |  50 |       |    0 |
| NL     | coonwi01   |  30 |    22 |    0 |      |      |    4 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  246 |    2 |    0 |  56 |        |  55 |       |    0 |
| NL     | cravebi01  |  24 |    22 |    0 |      |      |    7 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  105 |    0 |    0 |  24 |        |  17 |       |    0 |
| NL     | cummica01  |  14 |     7 |    0 |      |      |    3 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   12 |    0 |    0 |   3 |        |   4 |       |    0 |
| NL     | currepe01  |   5 |     2 |    0 |      |       |    0 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    1 |  283 |    7 |    0 |  63 |        |  70 |       |    0 |
| NL     | cuthbne01  |  46 |    25 |    0 |      |       |    4 |       1
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |  138 |    2 |    0 |  34 |        |  36 |       |    0 |
| NL     | deando01   |   9 |     4 |    0 |      |       |   13 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    0 |  245 |    9 |    0 |  64 |        |  45 |       |    0 |
| NL     | dehlmhe01  |  40 |     9 |    0 |      |       |   10 |       1
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    1 |  298 |    1 |    0 |  68 |        |  94 |       |    0 |
| NL     | devliji01  |  38 |    28 |    0 |      |       |   11 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  174 |    2 |    0 |  39 |        |  52 |       |    0 |
| NL     | eggleda01  |  28 |    19 |    0 |      |       |    4 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | fairge01   |   0 |     0 |    0 |      |       |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    5 |  310 |    2 |    0 |  69 |        |  82 |       |    0 |
| NL     | fergubo01  |  48 |    32 |    0 |      |       |   11 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   14 |    1 |    0 |   4 |        |   0 |       |    0 |
| NL     | fieldsa01  |   2 |     0 |    0 |      |       |    3 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  129 |    0 |    0 |  35 |        |  32 |       |    0 |
| NL     | fishech01  |  12 |     4 |    0 |      |       |    8 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|   15 |    1 |  278 |    2 |    0 |  59 |        |  80 |       |    1 |
| NL     | fislewe01  |  42 |    30 |    0 |      |      |    4 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  221 |    0 |    0 |  58 |        |  50 |       |    0 |
| NL     | foleywi01  |  19 |     9 |    0 |      |      |   14 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    0 |  284 |    5 |    0 |  60 |        |  66 |       |    0 |
| NL     | forceda01  |  48 |    17 |    0 |      |      |    3 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | forceda01  |   0 |     0 |    0 |      |      |    0 |       2
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   89 |    0 |    0 |  21 |        |  12 |       |    0 |
| NL     | fousebi01  |  11 |     2 |    0 |      |      |    0 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    5 |  267 |    1 |    0 |  66 |        |  73 |       |    1 |
| NL     | fulmech01  |  28 |    29 |    0 |      |      |   10 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    3 |  292 |    3 |    0 |  65 |        |  76 |       |    2 |
| NL     | gerhajo01  |  33 |    18 |    0 |      |      |    5 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    2 |  276 |   12 |    0 |  66 |        |  84 |       |    0 |
| NL     | glennjo01  |  55 |    32 |    0 |      |      |    6 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  258 |    6 |    0 |  61 |        |  65 |       |    0 |
| NL     | gouldch01  |  27 |    11 |    0 |      |      |   11 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    0 |  294 |    2 |    0 |  67 |        |  78 |       |    1 |
| NL     | haguebi01  |  31 |    22 |    0 |      |      |   10 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    7 |   13 |  268 |    8 |    0 |  60 |        |  98 |       |    5 |
| NL     | hallge01   |  51 |    45 |    0 |      |       |    4 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    6 |  240 |    2 |    0 |  54 |        |  67 |       |    2 |
| NL     | hallij01  |  45 |    36 |    0 |      |       |    4 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |  106 |    3 |    0 |  30 |        |  23 |       |    0 |
| NL     | harbibi01  |  11 |     6 |    0 |      |       |    2 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  283 |    5 |    0 |  67 |        |  73 |       |    0 |
| NL     | hastisc01  |  36 |    21 |    0 |      |       |   11 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NL     | hatfijo01  |   0 |     1 |    0 |      |       |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    2 |   21 |    0 |    0 |   5 |        |   3 |       |    0 |
| NL     | hayesmi01  |   1 |     2 |    0 |      |       |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | heubege01  |   0 |     0 |    0 |      |       |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  188 |    3 |    0 |  45 |        |  44 |       |    0 |
| NL     | hicksna01  |  20 |    15 |    0 |      |       |    4 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   21 |    2 |  312 |    2 |    0 |  67 |        | 102 |       |    0 |
| NL     | highadi01  |  59 |    35 |    0 |      |       |    7 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   21 |    3 |  305 |    1 |    0 |  64 |        | 101 |       |    2 |
| NL     | hinespa01  |  62 |    59 |    0 |      |       |    3 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   43 |    0 |    0 |  12 |        |  11 |       |    0 |
```

```
| NL     | holbebi01  |   3 |     5 |    0 |      |      |    3 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  241 |    1 |    0 |  52 |        |  64 |       |    0 |
| NL     | holdsji01  |  23 |    19 |    0 |      |      |    2 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   17 |    4 |  276 |    7 |    0 |  64 |        |  79 |       |    4 |
| NL     | jonesch01  |  40 |    38 |    0 |      |      |   17 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  248 |    7 |    0 |  59 |        |  64 |       |    0 |
| NL     | kesslhe01  |  26 |    11 |    0 |      |      |   10 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    3 |  240 |    2 |    0 |  55 |        |  60 |       |    0 |
| NL     | knighlo01  |  32 |    24 |    0 |      |      |    2 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | laffefl01  |   0 |     0 |    0 |      |      |    0 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | larkite01  |   0 |     0 |    0 |      |      |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  303 |    4 |    0 |  64 |        |  85 |       |    0 |
| NL     | leonaan01  |  53 |    27 |    0 |      |      |    6 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  180 |   11 |    0 |  48 |        |  39 |       |    1 |
| NL     | mackde01   |  32 |     7 |    0 |      |      |    5 |       1
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   96 |    0 |    0 |  22 |        |  22 |       |    0 |
| NL     | malonfe01  |  14 |     6 |    0 |      |      |    1 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |    7 |    0 |    0 |   2 |        |   2 |       |    0 |
| NL     | malonjo01  |   1 |     2 |    0 |      |      |    1 |       1
```

```
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    0 |  288 |    7 |    0 |  70 |        |  76 |       |    2 |
| NL     | mannija01  |  52 |    25 |    0 |      |      |    5 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  218 |    3 |    0 |  56 |        |  40 |       |    0 |
| NL     | mathebo01  |  19 |     9 |    0 |      |      |    2 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   16 |    0 |    0 |   4 |        |   3 |       |    0 |
| NL     | mcbridi01  |   2 |     4 |    0 |      |      |    0 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  276 |    2 |    0 |  61 |        |  72 |       |    0 |
| NL     | mcgeami01  |  48 |    30 |    0 |      |      |    1 |       1
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   40 |    0 |    0 |   9 |        |   6 |       |    0 |
| NL     | mcginti01  |   5 |     2 |    0 |      |      |    1 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | mcguijo01  |   0 |     0 |    0 |      |      |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   15 |    0 |  308 |    2 |    0 |  63 |        | 107 |       |    1 |
| NL     | mcveyca01  |  62 |    53 |    0 |      |      |    4 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    8 |  256 |    3 |    0 |  55 |        |  87 |       |    0 |
| NL     | meyerle01  |  46 |    34 |    0 |      |      |    2 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    1 |  254 |    1 |    0 |  63 |        |  66 |       |    0 |
| NL     | millsev01  |  28 |    23 |    0 |      |      |    3 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  278 |    3 |    0 |  66 |        |  73 |       |    0 |
| NL     | morrijo01  |  38 |    26 |    0 |      |      |    5 |       1
 | BSN      |     1876 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | mullejo01  |   0 |     0 |    0 |      |       |    0 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    3 |  308 |    8 |    0 |  69 |        |  87 |       |    2 |
| NL     | murnati01  |  60 |    34 |    0 |      |       |   12 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  212 |    2 |    0 |  57 |        |  38 |       |    0 |
| NL     | nichoal01  |  20 |     9 |    0 |      |       |    3 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | nichotr01  |   0 |     0 |    0 |      |       |    0 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   17 |    3 |  312 |   15 |    0 |  70 |        | 102 |       |    2 |
| NL     | orourji01  |  61 |    43 |    0 |      |       |   17 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | parksbi01  |   0 |     0 |    0 |      |       |    0 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   12 |    0 |    0 |   3 |        |   2 |       |    0 |
| NL     | paullo01   |   2 |     0 |    0 |      |       |    0 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |  102 |    3 |    0 |  25 |        |  21 |       |    0 |
| NL     | pearcdi01  |  12 |    10 |    0 |      |       |    5 |       1
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    2 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | pearcfr01  |   0 |     0 |    0 |      |       |    0 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    2 |  316 |    3 |    0 |  66 |        | 111 |       |    1 |
| NL     | peterjo01  |  70 |    47 |    0 |      |       |    2 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | phelpne01  |   0 |     0 |    0 |      |       |    1 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | phelpne01  |   0 |     0 |    0 |      |       |    0 |       2
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |  233 |    1 |    0 |  57 |        |  55 |       |    0 |
| NL     | piersda01  |  33 |    13 |    0 |      |       |    9 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   19 |   10 |  282 |    8 |    0 |  63 |        |  91 |       |    1 |
| NL     | pikeli01   |  55 |    50 |    0 |      |       |    9 |       1
 | SL3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    5 |  324 |    1 |    0 |  69 |        |  89 |       |    1 |
| NL     | remseja01  |  62 |    30 |    0 |      |       |   15 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   52 |    0 |    0 |  16 |        |  13 |       |    0 |
| NL     | rittewh01  |   8 |     4 |    0 |      |       |    2 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  241 |    6 |    0 |  64 |        |  61 |       |    1 |
| NL     | ryanjo01   |  32 |    18 |    0 |      |       |   23 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    0 |  286 |    4 |    0 |  70 |        |  72 |       |    0 |
| NL     | schafha01  |  47 |    35 |    0 |      |       |   11 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | sewarge01  |   0 |     0 |    0 |      |       |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   1 |       |    0 |
| NL     | shandji01  |   0 |     0 |    0 |      |       |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    4 |    1 |  224 |    2 |    0 |  56 |        |  44 |       |    1 |
| NL     | snydepo01  |  21 |     9 |    0 |      |       |    7 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    1 |  205 |    1 |    0 |  55 |        |  31 |       |    0 |
| NL     | snydere01  |  10 |    12 |    0 |      |       |   19 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  256 |    1 |    0 |  64 |        |  48 |       |    0 |
| NL     | somered01  |  29 |    14 |    0 |      |       |    6 |       1
 | LS1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    2 |  292 |    6 |    0 |  66 |        |  91 |       |    0 |
| NL     | spaldal01  |  54 |    44 |    0 |      |       |    3 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    0 |  264 |    1 |    0 |  56 |        |  73 |       |    0 |
| NL     | startjo01  |  40 |    21 |    0 |      |       |    2 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    7 |  236 |    3 |    0 |  54 |        |  70 |       |    1 |
| NL     | suttoez01  |  45 |    31 |    0 |      |       |    2 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  225 |    2 |    0 |  56 |        |  46 |       |    0 |
| NL     | sweasch01  |  18 |    10 |    0 |      |       |    5 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  256 |    1 |    0 |  57 |        |  54 |       |    0 |
| NL     | treacfr01  |  47 |    18 |    0 |      |       |    5 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    1 |    0 |   2 |        |   0 |       |    0 |
| NL     | treacpe01  |   1 |     0 |    0 |      |       |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | valenbo01  |   0 |     0 |    0 |      |       |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    0 |    0 |    4 |    0 |    0 |   1 |        |   2 |       |    0 |
| NL     | wardji01   |   1 |     1 |    0 |      |       |    1 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | warnefr01  |   0 |     0 |    0 |      |       |    0 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | westbi01   |   0 |     0 |    0 |      |       |    0 |       1
 | NY3      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   18 |    1 |  303 |    7 |    0 |  66 |        | 104 |       |    1 |
| NL     | whitede01  |  66 |    60 |    0 |      |       |    3 |       1
 | CHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  139 |    1 |    0 |  34 |        |  33 |       |    0 |
| NL     | whitnfr01  |  27 |    15 |    0 |      |       |    3 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   35 |    0 |    0 |   9 |        |   7 |       |    0 |
| NL     | willida01  |   1 |     1 |    0 |      |       |    4 |       1
 | CN1      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   18 |    6 |  335 |    8 |    0 |  70 |        | 100 |       |    1 |
| NL     | wrighge01  |  72 |    34 |    0 |      |       |    9 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | wrighha01  |   0 |     0 |    0 |      |       |    1 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   1 |       |    0 |
| NL     | wrighsa01  |   0 |     0 |    0 |      |       |    0 |       1
 | BSN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    7 |  263 |   10 |    0 |  67 |        |  68 |       |    1 |
| NL     | yorkto01   |  47 |    39 |    0 |      |       |    4 |       1
 | HAR      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |  128 |    0 |    0 |  32 |        |  27 |       |    0 |
```

```
| NL     | zettlge01  |  11 |    11 |    0 |      |      |    5 |       1
 | PHN      |     1876 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    3 |  245 |    6 |    0 |  57 |        |  68 |       |    0 |
| NL     | addybo01   |  27 |    31 |    0 |      |      |    5 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  115 |    3 |    0 |  29 |        |  17 |       |    0 |
| NL     | allisdo01  |  14 |     6 |    0 |      |      |    7 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   19 |    1 |  255 |    9 |    0 |  59 |        |  86 |       |    0 |
| NL     | ansonca01  |  52 |    32 |    0 |      |      |    3 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   92 |    7 |    0 |  22 |        |  25 |       |    0 |
| NL     | barnero01  |  16 |     5 |    0 |      |      |    4 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NL     | bassjo01   |   1 |     0 |    0 |      |      |    0 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    7 |  226 |    6 |    0 |  57 |        |  45 |       |    1 |
| NL     | battijo01  |  28 |    22 |    0 |      |      |   17 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    3 |  218 |    4 |    0 |  58 |        |  47 |       |    0 |
| NL     | blongjo01  |  17 |    13 |    0 |      |      |   22 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    3 |  259 |    1 |    0 |  61 |        |  59 |       |    0 |
| NL     | bondto01   |  32 |    30 |    0 |      |      |   15 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |  157 |   12 |    0 |  44 |        |  27 |       |    0 |
| NL     | bootham01  |  16 |    13 |    0 |      |      |   10 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    3 |  214 |    6 |    0 |  55 |        |  52 |       |    0 |
| NL     | bradlge01  |  31 |    12 |    0 |      |      |   19 |       1
```

```
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    8 |  221 |    6 |    0 |  58 |        |  56 |       |    1 |
| NL     | brownle01  |  27 |    31 |    0 |      |       |   33 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | buncejo01  |   0 |     0 |    0 |      |       |    0 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    0 |  277 |    2 |    0 |  58 |        |  72 |       |    0 |
| NL     | burdoja01  |  35 |     9 |    0 |      |       |   16 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  274 |    0 |    0 |  60 |        |  70 |       |    1 |
| NL     | careyto01  |  38 |    20 |    0 |      |       |    9 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    5 |  251 |    3 |    0 |  60 |        |  95 |       |    0 |
| NL     | cassijo01  |  43 |    27 |    0 |      |       |    3 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    6 |  255 |    8 |    0 |  60 |        |  81 |       |    0 |
| NL     | clappjo01  |  47 |    34 |    0 |      |       |    6 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  238 |    5 |    0 |  57 |        |  63 |       |    0 |
| NL     | cravebi01  |  33 |    29 |    0 |      |       |   11 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  220 |    1 |    0 |  54 |        |  51 |       |    0 |
| NL     | croftar01  |  23 |    27 |    0 |      |       |   15 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    3 |  238 |    4 |    0 |  61 |        |  67 |       |    1 |
| NL     | crowlbi01  |  30 |    23 |    0 |      |       |   13 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    2 |   70 |    4 |    0 |  19 |        |  14 |       |    0 |
| NL     | cummica01  |   6 |     4 |    0 |      |       |    6 |       1
 | CN1      |     1877 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |   56 |    1 |    0 |  12 |        |  10 |       |    0 |
| NL     | cuthbne01  |   6 |     2 |    0 |      |      |    2 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    0 |  119 |    7 |    0 |  32 |        |  22 |       |    0 |
| NL     | dehlmhe01  |  24 |    11 |    0 |      |      |   21 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    3 |  268 |    7 |    0 |  61 |        |  72 |       |    1 |
| NL     | devliji01  |  38 |    27 |    0 |      |      |   27 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    7 |  266 |    9 |    0 |  60 |        |  82 |       |    0 |
| NL     | dorgami01  |  45 |    23 |    0 |      |      |   13 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   55 |    3 |    0 |  15 |        |  12 |       |    0 |
| NL     | edench01   |   9 |     5 |    0 |      |      |    6 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  136 |    1 |    0 |  33 |        |  36 |       |    0 |
| NL     | eggleda01  |  20 |    20 |    0 |      |      |    5 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    2 |  254 |    3 |    0 |  58 |        |  65 |       |    0 |
| NL     | fergubo01  |  40 |    35 |    0 |      |      |   10 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | fishech01  |   0 |     0 |    0 |      |      |    2 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  216 |    4 |    0 |  56 |        |  41 |       |    0 |
| NL     | foleywi01  |  23 |    18 |    0 |      |      |   13 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    3 |  225 |   11 |    0 |  58 |        |  59 |       |    0 |
| NL     | forceda01  |  24 |    22 |    0 |      |      |   15 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    5 |  250 |    5 |    0 |  59 |        |  76 |       |    1 |
| NL     | gerhajo01  |  41 |    35 |    0 |      |      |    8 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NL     | gleasja01  |   0 |     0 |    0 |      |      |    1 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    1 |  202 |    8 |    0 |  50 |        |  46 |       |    0 |
| NL     | glennjo01  |  31 |    20 |    0 |      |      |   16 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   91 |    5 |    0 |  24 |        |  25 |       |    0 |
| NL     | gouldch01  |   5 |    13 |    0 |      |      |    5 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  263 |    7 |    0 |  59 |        |  70 |       |    1 |
| NL     | haguebi01  |  38 |    24 |    0 |      |      |   18 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | haldejo01  |   0 |     0 |    0 |      |      |    0 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   15 |    8 |  269 |   12 |    0 |  61 |        |  87 |       |    0 |
| NL     | hallge01   |  53 |    26 |    0 |      |      |   19 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    1 |   73 |    1 |    0 |  16 |        |  27 |       |    0 |
| NL     | halliji01  |  18 |     7 |    0 |      |      |    1 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    1 |   89 |    4 |    0 |  19 |        |  25 |       |    0 |
| NL     | halliji01  |  17 |    11 |    0 |      |      |    2 |       2
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  167 |    3 |    0 |  41 |        |  37 |       |    0 |
| NL     | harbibi01  |  18 |     8 |    0 |      |      |    6 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    1 |    0 |   71 |    3 |    0 |  20 |        |  10 |       |    0 |
| NL     | hastisc01  |   7 |     3 |    0 |      |      |    6 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   32 |    1 |    0 |   8 |        |   6 |       |    0 |
| NL     | hicksna01  |   3 |     3 |    0 |      |      |    2 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    7 |  261 |    1 |    0 |  60 |        |  73 |       |    0 |
| NL     | hinespa01  |  44 |    23 |    0 |      |      |    8 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  260 |    2 |    0 |  55 |        |  66 |       |    0 |
| NL     | holdsji01  |  26 |    20 |    0 |      |      |    8 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    3 |   69 |    4 |    0 |  17 |        |  21 | 0     |    1 | 0
| NL     | jonesch01  |  16 |    10 |    0 |      | 0    |    8 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    8 |    1 |    0 |   2 |        |   3 |       |    0 |
| NL     | jonesch01  |   1 |     2 |    0 |      |      |    0 |       2
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    7 |  163 |   10 |    0 |  38 |        |  51 |       |    1 |
| NL     | jonesch01  |  36 |    26 |    0 |      |      |   17 |       3
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   20 |    2 |    0 |   6 |        |   2 |       |    0 |
| NL     | kesslhe01  |   0 |     0 |    0 |      |      |    1 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   17 |    0 |    0 |   4 |        |   1 |       |    0 |
| NL     | laffefl01  |   2 |     0 |    0 |      |      |    4 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    5 |  228 |    5 |    0 |  58 |        |  52 |       |    1 |
| NL     | larkite01  |  28 |    18 |    0 |      |      |   23 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|   10 |    6 |  278 |    5 |    0 |  59 |        |  81 |       |    0 |
| NL     | lathaju01  |  42 |    22 |    0 |      |       |    6 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   18 |    0 |    0 |   4 |        |   5 |       |    0 |
| NL     | leele01    |   0 |     0 |    0 |      |       |    1 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    0 |  272 |    5 |    0 |  58 |        |  78 |       |    0 |
| NL     | leonaan01  |  46 |    27 |    0 |      |       |    5 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   12 |    1 |    0 |   3 |        |   2 |       |    0 |
| NL     | littlha01  |   2 |     0 |    0 |      |       |    6 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    1 |    0 |   1 |        |   0 |       |    0 |
| NL     | littlha01  |   0 |     0 |    0 |      |       |    1 |       2
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   11 |    0 |    0 |   3 |        |   2 |       |    0 |
| NL     | loftuto01  |   2 |     0 |    0 |      |       |    1 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NL     | malonjo01  |   0 |     0 |    0 |      |       |    0 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   16 |    7 |  252 |    5 |    0 |  57 |        |  80 |       |    0 |
| NL     | mannija01  |  47 |    36 |    0 |      |       |    6 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   59 |    1 |    0 |  15 |        |  10 |       |    0 |
| NL     | mathebo01  |   5 |     0 |    0 |      |       |    2 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    2 |  258 |    2 |    0 |  57 |        |  65 |       |    0 |
| NL     | mcgeami01  |  35 |    20 |    0 |      |       |    6 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    5 |    0 |    0 |   1 |        |   1 |       |    0 |
```

```
| NL     | mckenpa01  |   0 |     0 |    0 |      |      |    1 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    7 |  266 |    8 |    0 |  60 |        |  98 |       |    0 |
| NL     | mcveyca01  |  58 |    36 |    0 |      |      |   11 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    2 |  107 |    0 |    0 |  27 |        |  35 |       |    0 |
| NL     | meyerle01  |  11 |    15 |    0 |      |      |    4 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   37 |    5 |    0 |  11 |        |   6 |       |    0 |
| NL     | millege01  |   4 |     3 |    0 |      |      |    2 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   49 |    1 |    0 |  13 |        |  10 |       |    0 |
| NL     | mitchbo01  |   5 |     5 |    0 |      |      |    2 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    1 |  242 |    6 |    0 |  61 |        |  73 |       |    0 |
| NL     | morrijo01  |  47 |    28 |    0 |      |      |   15 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  140 |    6 |    0 |  35 |        |  39 |       |    1 |
| NL     | murnati01  |  23 |    15 |    0 |      |      |    7 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | newelte01  |   0 |     0 |    0 |      |      |    0 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   19 |    0 |    0 |   6 |        |   4 |       |    0 |
| NL     | nichoal01  |   1 |     0 |    0 |      |      |    2 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    2 |  186 |    3 |    0 |  51 |        |  31 |       |    0 |
| NL     | nichotr01  |  22 |     9 |    0 |      |      |   15 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |    4 |  265 |   20 |    0 |  61 |        |  96 |       |    0 |
| NL     | orourji01  |  68 |    23 |    0 |      |      |    9 |       1
```

```
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   29 |    1 |    0 |   8 |        |   5 |       |    0 |
| NL     | pearcdi01  |   1 |     4 |    0 |      |       |    4 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    3 |  265 |    1 |    0 |  60 |        |  84 |       |    0 |
| NL     | peterjo01  |  45 |    41 |    0 |      |       |    7 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   1 |       |    0 |
| NL     | pikeja01   |   0 |     0 |    0 |      |       |    0 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    4 |  262 |    9 |    0 |  58 |        |  78 |       |    4 |
| NL     | pikeli01   |  45 |    23 |    0 |      |       |    7 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   14 |    1 |    0 |   4 |        |   1 |       |    0 |
| NL     | quinnpa02  |   1 |     0 |    0 |      |       |    0 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   12 |    1 |    0 |   3 |        |   3 |       |    0 |
| NL     | redmobi01  |   1 |     3 |    0 |      |       |    1 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   16 |    0 |    0 |   4 |        |   2 |       |    0 |
| NL     | reisla01   |   3 |     1 |    0 |      |       |    0 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    4 |  123 |    4 |    0 |  33 |        |  32 |       |    0 |
| NL     | remseja01  |  14 |    13 |    0 |      |       |    3 |       1
 | SL3      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    7 |    0 |    0 |   2 |        |   2 |       |    0 |
| NL     | roweda01   |   0 |     0 |    0 |      |       |    3 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    1 |   26 |    1 |    0 |   6 |        |   4 |       |    0 |
| NL     | ryanjo01   |   2 |     2 |    0 |      |       |    5 |       1
 | CN1      |     1877 |
```

```
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    5 |    2 |  141 |    0 |    0 |  33 |        |  39 |       |    0 |
| NL     | schafha01  |  20 |    13 |    0 |      |      |    7 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    5 |  260 |    9 |    0 |  61 |        |  74 |       |    3 |
| NL     | shaffor01  |  38 |    34 |    0 |      |      |   17 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   94 |    4 |    0 |  24 |        |  19 |       |    0 |
| NL     | smithha01  |   7 |     3 |    0 |      |      |    6 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    1 |   36 |    1 |    0 |  10 |        |   9 |       |    0 |
| NL     | smithha01  |   4 |     3 |    0 |      |      |    5 |       2
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    2 |  248 |    3 |    0 |  61 |        |  64 |       |    2 |
| NL     | snydepo01  |  23 |    28 |    0 |      |      |   14 |       1
 | LS1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    6 |  254 |    3 |    0 |  60 |        |  65 |       |    0 |
| NL     | spaldal01  |  29 |    35 |    0 |      |      |   16 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    6 |  271 |    6 |    0 |  60 |        |  90 |       |    1 |
| NL     | startjo01  |  55 |    21 |    0 |      |      |    2 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   32 |    1 |    0 |   8 |        |   8 |       |    0 |
| NL     | sullich01  |   4 |     4 |    0 |      |      |    0 |       1
 | CN1      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    6 |  253 |    4 |    0 |  58 |        |  74 |       |    0 |
| NL     | suttoez01  |  43 |    39 |    0 |      |      |   10 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   3 |       |    0 |
| NL     | tayloli01  |   0 |     0 |    0 |      |      |    2 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
```

```
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   41 |    0 |    0 |  10 |        |   4 |        |    0 |
| NL     | waittch01  |   2 |     2 |    0 |      |       |    3 |       1
 | CHN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   14 |   11 |  266 |    8 |    0 |  59 |        | 103 |        |    2 |
| NL     | whitede01  |  51 |    49 |    0 |      |       |    3 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   15 |    0 |    0 |   3 |        |   3 |        |    0 |
| NL     | whitewi01  |   4 |     1 |    0 |      |       |    1 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   15 |    1 |  290 |    9 |    0 |  61 |        |  80 |        |    0 |
| NL     | wrighge01  |  58 |    35 |    0 |      |       |   15 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    4 |    0 |    0 |   1 |        |   0 |        |    0 |
| NL     | wrighha01  |   0 |     0 |    0 |      |       |    1 |       1
 | BSN      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   16 |    7 |  237 |    3 |    0 |  56 |        |  67 |        |    1 |
| NL     | yorkto01   |  43 |    37 |    0 |      |       |   11 |       1
 | HAR      |     1877 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   76 |    1 |    0 |  19 |        |  22 |        |    0 |
| NL     | allisdo01  |   9 |     7 |    0 |      |       |    8 |       1
 | PRO      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    2 |  261 |   13 |    0 |  60 |        |  89 |        |    0 |
| NL     | ansonca01  |  55 |    40 |    0 |      |       |    1 |       1
 | CHN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    0 |  184 |   10 |    0 |  49 |        |  45 |        |    1 |
| NL     | bennech01  |  16 |    12 |    0 |      |       |   26 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    8 |    0 |    0 |   2 |        |   1 |        |    0 |
| NL     | blissfr01  |   1 |     0 |    0 |      |       |    0 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
```

```
-----+----------+----------+
|    4 |    1 |  236 |    0 |    0 |  59 |        |  50 |       |    0 |
| NL     | bondto01   |  22 |    23 |    0 |      |      |    9 |       1
 | BSN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   21 |    6 |  243 |    7 |    0 |  58 |        |  74 |       |    1 |
| NL     | brownle01  |  44 |    43 |    0 |      |      |   37 |       1
 | PRO      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    6 |  246 |    3 |    0 |  60 |        |  64 |       |    0 |
| NL     | burdoja01  |  37 |    25 |    0 |      |      |   17 |       1
 | BSN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    3 |  253 |    0 |    0 |  61 |        |  60 |       |    0 |
| NL     | careyto01  |  33 |    24 |    0 |      |      |   14 |       1
 | PRO      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  256 |    9 |    0 |  60 |        |  68 |       |    0 |
| NL     | cassijo01  |  33 |    29 |    0 |      |      |   11 |       1
 | CHN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  263 |   13 |    0 |  63 |        |  80 |       |    0 |
| NL     | clappjo01  |  42 |    29 |    0 |      |      |    8 |       1
 | IN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   21 |    0 |    0 |   7 |        |   3 |       |    0 |
| NL     | coreyfr01  |   3 |     1 |    0 |      |      |    2 |       1
 | PRO      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    3 |  193 |    5 |    0 |  50 |        |  41 |       |    0 |
| NL     | creamge01  |  30 |    15 |    0 |      |      |   15 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    0 |  222 |    5 |    0 |  60 |        |  35 |       |    0 |
| NL     | croftar01  |  22 |    16 |    0 |      |      |   23 |       1
 | IN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    4 |  271 |    6 |    0 |  61 |        |  96 |       |    0 |
| NL     | dalryab01  |  52 |    15 |    0 |      |      |   29 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

```
|    5 |    1 |  123 |    0 |    0 |  29 |        |  38 |       |    0 |
| NL     | dickebu01  |  17 |     9 |    0 |      |       |    7 |       1
 | CN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |   13 |    0 |    0 |   3 |        |   2 |       |    0 |
| NL     | ellicjo01  |   2 |     1 |    0 |      |       |    1 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    2 |  259 |   10 |    0 |  61 |        |  91 |       |    0 |
| NL     | fergubo01  |  44 |    39 |    0 |      |       |   12 |       1
 | CHN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    3 |    0 |    0 |   1 |        |   0 |       |    0 |
| NL     | fishech01  |   0 |     0 |    0 |      |       |    0 |       1
 | PRO      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    0 |  254 |    2 |    0 |  63 |        |  57 |       |    0 |
| NL     | flintsi01  |  23 |    18 |    0 |      |       |   15 |       1
 | IN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    5 |  229 |    7 |    0 |  56 |        |  62 |       |    0 |
| NL     | foleywi01  |  33 |    22 |    0 |      |       |   14 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    2 |  237 |   10 |    0 |  61 |        |  52 |       |    0 |
| NL     | geerbi01   |  31 |    20 |    0 |      |       |   18 |       1
 | CN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    2 |  259 |    7 |    0 |  60 |        |  77 |       |    0 |
| NL     | gerhajo01  |  46 |    28 |    0 |      |       |   14 |       1
 | CN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    6 |    3 |  214 |    3 |    0 |  55 |        |  44 |       |    0 |
| NL     | goldemi01  |  16 |    20 |    0 |      |       |   35 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    4 |    3 |  252 |    7 |    0 |  60 |        |  62 |       |    1 |
| NL     | goodmja01  |  28 |    27 |    0 |      |       |   33 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |  250 |    5 |    0 |  62 |        |  51 |       |    0 |
```

```
| NL     | haguebi01  |  21 |    25 |    0 |      |      |   34 |       1
 | PRO      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    3 |    0 |   67 |    5 |    0 |  16 |        |  19 |       |    0 |
| NL     | halliji01  |  14 |     2 |    0 |      |      |    6 |       1
 | CHN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |   12 |    0 |    0 |   3 |        |   3 |       |    0 |
| NL     | halliji01  |   0 |     1 |    0 |      |      |    2 |       2
 | IN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    3 |  240 |    5 |    0 |  58 |        |  64 |       |    1 |
| NL     | hankifr01  |  38 |    27 |    0 |      |      |   36 |       1
 | CHN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   12 |    0 |  240 |    6 |    0 |  54 |        |  71 |       |    0 |
| NL     | harbibi01  |  32 |    37 |    0 |      |      |   13 |       1
 | CHN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |    9 |    0 |    0 |   3 |        |   2 |       |    0 |
| NL     | healeto01  |   0 |     2 |    0 |      |      |    4 |       1
 | PRO      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   45 |    0 |    0 |  12 |        |   8 |       |    0 |
| NL     | healeto01  |   2 |     4 |    0 |      |      |   14 |       2
 | IN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   22 |    1 |  281 |    5 |    0 |  62 |        |  90 |       |    1 |
| NL     | highadi01  |  60 |    29 |    0 |      |      |   16 |       1
 | PRO      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   13 |    4 |  257 |    2 |    0 |  62 |        |  92 |       |    4 |
| NL     | hinespa01  |  42 |    50 |    0 |      |      |   10 |       1
 | PRO      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    2 |    0 |  173 |    3 |    0 |  45 |        |  32 |       |    0 |
| NL     | holbebi01  |  10 |    12 |    0 |      |      |   14 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    0 |    0 |    2 |    1 |    0 |   1 |        |   0 |       |    0 |
| NL     | jennial01  |   0 |     0 |    0 |      |      |    0 |       1
```

```
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   11 |    7 |  261 |    4 |    0 |  61 |        |  81 |       |    3 |
| NL     | jonesch01  |  50 |    39 |    0 |      |       |   17 |       1
 | CN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    7 |    1 |  237 |    7 |    0 |  60 |        |  67 |       |    0 |
| NL     | kellyki01  |  29 |    27 |    0 |      |       |    7 |       1
 | CN1      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    1 |    0 |   14 |    0 |    0 |   4 |        |   3 |       |    0 |
| NL     | knowdja01  |   2 |     2 |    0 |      |       |    3 |       1
 | ML2      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    9 |    4 |  226 |   17 |    0 |  58 |        |  65 |       |    0 |
| NL     | larkite01  |  33 |    32 |    0 |      |       |   17 |       1
 | CHN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|    8 |    5 |  262 |    3 |    0 |  60 |        |  68 |       |    0 |
| NL     | leonaan01  |  41 |    16 |    0 |      |       |   19 |       1
 | BSN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
|   10 |    1 |  248 |   10 |    0 |  60 |        |  63 |       |    0 |
| NL     | mannija01  |  41 |    23 |    0 |      |       |   16 |       1
 | BSN      |     1878 |
+------+------+------+------+------+-----+--------+-----+-------+------+--
-----+--------+------------+-----+-------+------+------+------+------+----
-----+----------+----------+
```

Please Note: I have reduced the sizes of batting and appearances as the code was taking too long to run. Both dumb_join() and smart_join() are tested on the same data to maintian consistency

In [24]:

```
# Might throw an error depending on table size
# Make sure it works properly when you run it in pycharm though!
tab.dumb_join_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
{'2B': '0', '3B': '0', 'AB': '4', 'BB': '0', 'CS': '0', 'G': '1', 'GIDP':
'', 'H': '0', 'HBP': '', 'HR': '0', 'IBB': '', 'lgID': 'NA', 'playerID':
'abercda01', 'R': '0', 'RBI': '0', 'SB': '0', 'SF': '', 'SH': '', 'SO':
'0', 'stint': '1', 'teamID': 'TRO', 'yearID': '1871'}
Processed 10 left rows.
Processed 20 left rows.
Processed 30 left rows.
Processed 40 left rows.
Processed 50 left rows.
Processed 60 left rows.
Processed 70 left rows.
Processed 80 left rows.
Processed 90 left rows.
Processed 100 left rows.
Processed 110 left rows.
Processed 120 left rows.
Processed 130 left rows.
Processed 140 left rows.
Processed 150 left rows.
Processed 160 left rows.
Processed 170 left rows.
Processed 180 left rows.
Processed 190 left rows.
Processed 200 left rows.
Processed 210 left rows.
Processed 220 left rows.
Processed 230 left rows.
Processed 240 left rows.
Processed 250 left rows.
Processed 260 left rows.
Processed 270 left rows.
```

```
Processed 280 left rows.
Processed 290 left rows.
Processed 300 left rows.
Processed 310 left rows.
Processed 320 left rows.
Processed 330 left rows.
Processed 340 left rows.
Processed 350 left rows.
Processed 360 left rows.
Processed 370 left rows.
Processed 380 left rows.
Processed 390 left rows.
Processed 400 left rows.
Processed 410 left rows.
Processed 420 left rows.
Processed 430 left rows.
Processed 440 left rows.
Processed 450 left rows.
Processed 460 left rows.
Processed 470 left rows.
Processed 480 left rows.
Processed 490 left rows.
Processed 500 left rows.
Processed 510 left rows.
Processed 520 left rows.
Processed 530 left rows.
Processed 540 left rows.
Processed 550 left rows.
Processed 560 left rows.
Processed 570 left rows.
Processed 580 left rows.
Processed 590 left rows.
Processed 600 left rows.
Processed 610 left rows.
Processed 620 left rows.
Processed 630 left rows.
Processed 640 left rows.
Processed 650 left rows.
Processed 660 left rows.
Processed 670 left rows.
Processed 680 left rows.
Processed 690 left rows.
Processed 700 left rows.
Processed 710 left rows.
Processed 720 left rows.
Processed 730 left rows.
Processed 740 left rows.
Processed 750 left rows.
Processed 760 left rows.
Processed 770 left rows.
Processed 780 left rows.
Processed 790 left rows.
Processed 800 left rows.
Processed 810 left rows.
Processed 820 left rows.
Processed 830 left rows.
Processed 840 left rows.
Processed 850 left rows.
Processed 860 left rows.
Processed 870 left rows.
Processed 880 left rows.
```

```
Processed 890 left rows.
Processed 900 left rows.
Processed 910 left rows.
Processed 920 left rows.
Processed 930 left rows.
Processed 940 left rows.
Processed 950 left rows.
Processed 960 left rows.
Processed 970 left rows.
Processed 980 left rows.
Processed 990 left rows.
+------------+----------+----------+------+-----+---------+-------------+
| playerID   |   yearID | teamID   |   AB |   H |   G_all |   G_batting |
+============+==========+==========+======+=====+=========+=============+
| abercda01  |     1871 | TRO      |    4 |   0 |       1 |           1 |
+------------+----------+----------+------+-----+---------+-------------+
```

In [25]:

```
tab.get_access_path_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
{
  "index_name": "primary",
  "type": "PRIMARY",
  "columns": [
    "playerID",
    "yearID",
    "stint"
  ]
}
999
```

In [26]:

```
tab.sub_where_template_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
{'stint': '3', 'playerID': 'ras120', 'yearID': '34567'}
```

In [27]:

```
tab.test_find_by_template_index()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
[{'2B': '0', '3B': '0', 'AB': '4', 'BB': '0', 'CS': '0', 'G': '1', 'GIDP':
'', 'H': '0', 'HBP': '', 'HR': '0', 'IBB': '', 'lgID': 'NA', 'playerID':
'abercda01', 'R': '0', 'RBI': '0', 'SB': '0', 'SF': '', 'SH': '', 'SO':
'0', 'stint': '1', 'teamID': 'TRO', 'yearID': '1871'}]
```

In [28]:

```
tab.smart_join_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
{'2B': '0', '3B': '0', 'AB': '4', 'BB': '0', 'CS': '0', 'G': '1', 'GIDP':
'', 'H': '0', 'HBP': '', 'HR': '0', 'IBB': '', 'lgID': 'NA', 'playerID':
'abercda01', 'R': '0', 'RBI': '0', 'SB': '0', 'SF': '', 'SH': '', 'SO':
'0', 'stint': '1', 'teamID': 'TRO', 'yearID': '1871'}
+------------+----------+----------+---------+------+-----+---------+-----
--------+
| playerID   |   yearID | teamID   |   stint |   AB |   H |   G_all |   G_
batting |
+============+==========+==========+=========+======+=====+=========+=====
========+
| abercda01  |     1871 | TRO      |       1 |    4 |   0 |       1 |
1 |
+------------+----------+----------+---------+------+-----+---------+-----
--------+
```

Please Note: The below tests are run on reduced data size. We can observe that smart join performs 10X times faster on the same data.

In [32]:

```
# Compare the time it takes to do the dumb join and the smart join below
 #This is a timer that will track how long it takes to execute your cell.

# Times will vary based on how long it takes to query your AWS Server, but you should s
ee a notable improvement using smart_join()

#----Your Code Here---
%time tab.dumb_join_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
{'2B': '0', '3B': '0', 'AB': '4', 'BB': '0', 'CS': '0', 'G': '1', 'GIDP':
'', 'H': '0', 'HBP': '', 'HR': '0', 'IBB': '', 'lgID': 'NA', 'playerID':
'abercda01', 'R': '0', 'RBI': '0', 'SB': '0', 'SF': '', 'SH': '', 'SO':
'0', 'stint': '1', 'teamID': 'TRO', 'yearID': '1871'}
Processed 10 left rows.
Processed 20 left rows.
Processed 30 left rows.
Processed 40 left rows.
Processed 50 left rows.
Processed 60 left rows.
Processed 70 left rows.
Processed 80 left rows.
Processed 90 left rows.
Processed 100 left rows.
Processed 110 left rows.
Processed 120 left rows.
Processed 130 left rows.
Processed 140 left rows.
Processed 150 left rows.
Processed 160 left rows.
Processed 170 left rows.
Processed 180 left rows.
Processed 190 left rows.
Processed 200 left rows.
Processed 210 left rows.
Processed 220 left rows.
Processed 230 left rows.
Processed 240 left rows.
Processed 250 left rows.
Processed 260 left rows.
Processed 270 left rows.
```

```
Processed 280 left rows.
Processed 290 left rows.
Processed 300 left rows.
Processed 310 left rows.
Processed 320 left rows.
Processed 330 left rows.
Processed 340 left rows.
Processed 350 left rows.
Processed 360 left rows.
Processed 370 left rows.
Processed 380 left rows.
Processed 390 left rows.
Processed 400 left rows.
Processed 410 left rows.
Processed 420 left rows.
Processed 430 left rows.
Processed 440 left rows.
Processed 450 left rows.
Processed 460 left rows.
Processed 470 left rows.
Processed 480 left rows.
Processed 490 left rows.
Processed 500 left rows.
Processed 510 left rows.
Processed 520 left rows.
Processed 530 left rows.
Processed 540 left rows.
Processed 550 left rows.
Processed 560 left rows.
Processed 570 left rows.
Processed 580 left rows.
Processed 590 left rows.
Processed 600 left rows.
Processed 610 left rows.
Processed 620 left rows.
Processed 630 left rows.
Processed 640 left rows.
Processed 650 left rows.
Processed 660 left rows.
Processed 670 left rows.
Processed 680 left rows.
Processed 690 left rows.
Processed 700 left rows.
Processed 710 left rows.
Processed 720 left rows.
Processed 730 left rows.
Processed 740 left rows.
Processed 750 left rows.
Processed 760 left rows.
Processed 770 left rows.
Processed 780 left rows.
Processed 790 left rows.
Processed 800 left rows.
Processed 810 left rows.
Processed 820 left rows.
Processed 830 left rows.
Processed 840 left rows.
Processed 850 left rows.
Processed 860 left rows.
Processed 870 left rows.
Processed 880 left rows.
```

```
Processed 890 left rows.
Processed 900 left rows.
Processed 910 left rows.
Processed 920 left rows.
Processed 930 left rows.
Processed 940 left rows.
Processed 950 left rows.
Processed 960 left rows.
Processed 970 left rows.
Processed 980 left rows.
Processed 990 left rows.
+------------+----------+----------+------+-----+---------+-------------+
| playerID   |   yearID | teamID   |   AB |   H |   G_all |   G_batting |
+============+==========+==========+======+=====+=========+=============+
| abercda01  |     1871 | TRO      |    4 |   0 |       1 |           1 |
+------------+----------+----------+------+-----+---------+-------------+
Wall time: 2.21 s
```

In [33]:

```
%time tab.smart_join_test()
```

```
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
Loading core definition
Q =  select path from csvtables where table_name = %s
Loading columns
Q =  select * from csvcolumns where table_name = %s
Q =  select column_name, type, index_name, index_order from csvindexes whe
re table_name = %s order by index_name, index_order
Loaded  100  rows
Loaded  200  rows
Loaded  300  rows
Loaded  400  rows
Loaded  500  rows
Loaded  600  rows
Loaded  700  rows
Loaded  800  rows
Loaded  900  rows
{'2B': '0', '3B': '0', 'AB': '4', 'BB': '0', 'CS': '0', 'G': '1', 'GIDP':
'', 'H': '0', 'HBP': '', 'HR': '0', 'IBB': '', 'lgID': 'NA', 'playerID':
'abercda01', 'R': '0', 'RBI': '0', 'SB': '0', 'SF': '', 'SH': '', 'SO':
'0', 'stint': '1', 'teamID': 'TRO', 'yearID': '1871'}
+------------+----------+----------+---------+------+-----+---------+-----
--------+
| playerID   |   yearID | teamID   |   stint |   AB |   H |   G_all |   G_
batting |
+============+==========+==========+=========+======+=====+=========+=====
========+
| abercda01  |     1871 | TRO      |       1 |    4 |   0 |       1 |
1 |
+------------+----------+----------+---------+------+-----+---------+-----
--------+
Wall time: 248 ms
```