Data were munged [here (https://github.com/TheOregonian/long-term-care-db/blob/master/notebooks/transformation/mung-3-29-scrape.ipynb)](https://github.com/TheOregonian/long-term-care-db/blob/master/notebooks/transformation/mung-3-29-scrape.ipynb).

```
In [1]:  import pandas as pd
         import numpy as np
         from IPython.core.display import display, HTML
         display(HTML("<style>.container { width:100% !important; }</style>"))
         df = pd.read_csv('../../data/processed/complaints-3-29-scrape.csv')
```

How many cases of property loss/theft that are offline were there at Emeritus Springfield Woodside b/ween 5/2013 and 8/2013?
(Facility ID 70M226)

```
In [2]:  df[['outcome','incident_date']][(df['facility_id']=='70M226') &
             (df['incident_date']<'2013-08-01') &
             (df['incident_date']>'2013-05-01') &
             (df['public']=='offline') &
             (df['outcome'].str.contains('Property'))].sort_values('incident_date').coun
         t()
```

```
Out[2]:  outcome          10
         incident_date    10
         dtype: int64
```

```
In [3]:  df[['abuse_number','outcome_notes']][(df['facility_id']=='70M226') &
             (df['incident_date']<'2013-08-01') &
             (df['incident_date']>'2013-05-01') &
             (df['public']=='offline') &
             (df['outcome'].str.contains('Property'))]
```

Out[3]:

	abuse_number	outcome_notes
12325	ES133617	Resident #1 reported $40 cash and jewelry take...
12327	ES133814	Resident #1 reported $25 cash missing from the...
12328	ES133720	Resident #1 reported $20 cash missing. Residen...
12329	ES133683	Resident #1 reported $50 missing from a wallet...
12330	ES133958	Resident #1 reported missing a jar full of cha...
12331	ES133678	Resident #1 reported $125 cash missing from a ...
12332	ES133237	Resident #1 reported the loss of $300. There h...
12334	ES133441	Resident #1 reported loss of $20 from her/his ...
12335	ES133150	Resident #1 and Resident #2 reported loss of m...
12336	ES133673	Resident #1 reported money missing from her/hi...

The case below lists two thefts. That's why our total in the paragraph is 11.

```
In [4]: df['outcome_notes'][df['abuse_number']=='ES133150']
```

```
Out[4]: 12335    Resident #1 and Resident #2 reported loss of m...
        Name: outcome_notes, dtype: object
```

What cases at Briarwood were there that same year that are online and comparable to the offline ones at Woodside?

```
In [5]: df[['outcome_notes','abuse_number']][(df['facility_id']=='70A299') &
            (df['outcome']=='Loss of Resident Property') &
            (df['public']=='online') &
            (df['year']==2013)]
```

Out[5]:

	outcome_notes	abuse_number
9964	A total of $370 worth of PIF (Personal Inciden...	ES134746
9999	Jewelry, estimated at $200-300$ was reported t...	ES133333
10002	Resident #1 reported two fishing poles and two...	ES133151
10003	Resident #1 reported a bag missing from her/hi...	ES133128
10005	Resident #1 reported the loss of 28 narcotic p...	ES133033
10006	Resident #1 reported a brand new laptop worth ...	ES132740

Upon review, use my own judgement to determine that cases ES134746 and ES133151 have a similar severity to the ten cases at Woodside.

```
In [6]: df[['abuse_number','outcome_notes']][df['abuse_number'].isin(['ES133151','ES134746'])]
```

Out[6]:

	abuse_number	outcome_notes
9964	ES134746	A total of $370 worth of PIF (Personal Inciden...
10002	ES133151	Resident #1 reported two fishing poles and two...

DONE