```
In [30]: destinatingPieces_stormPeriod['EXPECTED_DELIVERY_DATE'] =
pd.to_datetime(destinatingPieces_stormPeriod['EXPECTED_DELIVERY_DATE'])

In [31]:                                'Difference'  =
                              'ACTUAL_DLVRY_DATE'  -
                             'EXPECTED_DELIVERY_DATE'  .  .

In [32]:                 =
                              .                                  .

In [33]:          =                 'Difference' .

In [34]: print "The mean for mail delivered late is: " + str "%f" %           + " days after
expected delivery date"
The mean for mail delivered late is: 2.486570 days after expected delivery date

In [35]:               =                .          = "MAIL_CLASS"  "Difference"  .       #
True = Late, False = either Early or On Time Exactly

In [36]: print
MAIL_CLASS           Difference
First Class Presort  1             2053351
                     2              616154
                     3              544643
                     4              292230
                     5              100907
                                    ...
USPS Marketing Mail  42                  1
                     52                  1
                     57                  1
                     59                 47
                     60                  3
Length: 244, dtype: int64

In [37]:   .           'display.max_rows'  250

In [38]: print
MAIL_CLASS               Difference
First Class Presort      1             2053351
                         2              616154
                         3              544643
                         4              292230
                         5              100907
                         6               28657
                         7               24800
                         8               17205
                         9               10115
                         10              12429
                         11               7947
                         12               2675
                         13               2705
                         14               9097
                         15               2763
                         16               2084
                         17               3915
                         18               2231
                         19               1496
                         20               1661
                         21               3478
                         22               2001
                         23               1019
                         24               1876
```

	25	1723
	26	1747
	27	873
	28	1408
	29	2018
	30	915
	31	1240
	32	1836
	33	1158
	34	478
	35	803
	36	1163
	37	160
	38	298
	39	158
	40	95
	41	34
	42	16
	43	4
	48	1
Periodicals	1	74896
	2	20512
	3	15732
	4	6076
	5	2624
	6	3227
	7	3551
	8	5600
	9	2156
	10	2736
	11	2260
	12	551
	13	1076
	14	2054
	15	926
	16	382
	17	895
	18	487
	19	149
	20	524
	21	571
	22	315
	23	251
	24	346
	25	188
	26	108
	27	313
	28	346
	29	327
	30	108
	31	208
	32	85
	33	40
	34	97
	35	42
	36	24
	37	6
	38	9
	39	5
	40	3
	42	1
	43	2
	44	1

	46	1
Single Piece First Class	1	610829
	2	211603
	3	193460
	4	112285
	5	43494
	6	23535
	7	28238
	8	25118
	9	10500
	10	12456
	11	11382
	12	5376
	13	3170
	14	6610
	15	3163
	16	2030
	17	3146
	18	2895
	19	1769
	20	1930
	21	3132
	22	2225
	23	1473
	24	1846
	25	2144
	26	1874
	27	1302
	28	1152
	29	1570
	30	1332
	31	1254
	32	850
	33	540
	34	276
	35	194
	36	227
	37	97
	38	79
	39	78
	40	64
	41	24
	42	21
	43	21
	44	8
	45	10
	46	11
	47	12
	48	8
	49	6
	50	10
	51	1
	52	5
	53	8
	54	8
	55	5
	56	7
	57	5
	58	7
	59	7
	60	4
	61	8
	62	4

	63	1
	64	8
	65	1
	66	1
	67	1
	69	1
	70	2
	71	1
	72	1
	73	1
	76	1
	77	2
	81	1
	82	2
	83	2
	85	3
	88	5
	90	1
	91	2
	92	1
	93	1
	95	3
	96	2
	97	2
	98	2
	99	2
	100	1
	101	2
	104	2
	105	2
	106	1
	107	1
	108	3
	111	1
	112	1
	113	2
	117	1
	119	2
	120	1
	121	2
	125	1
	126	1
	127	1
	129	2
	136	2
	137	1
	141	2
	146	1
USPS Marketing Mail	1	859399
	2	229665
	3	95377
	4	58444
	5	28999
	6	32714
	7	31523
	8	19182
	9	10079
	10	8127
	11	5719
	12	2495
	13	5704
	14	3926
	15	1787

```
                          16              1512
                          17              1428
                          18               950
                          19               498
                          20               720
                          21              1649
                          22               746
                          23               514
                          24               748
                          25               603
                          26               443
                          27               513
                          28               470
                          29               550
                          30               305
                          31               890
                          32               174
                          33               272
                          34               161
                          35               168
                          36               152
                          37                59
                          38                14
                          39                 5
                          40                 1
                          41                 1
                          42                 1
                          52                 1
                          57                 1
                          59                47
                          60                 3
dtype: int64

In [39]:               =                .          = "MAIL_SHAPE"  "Difference"  .       #
True = Late, False = either Early or On Time Exactly

In [40]: print
MAIL_SHAPE  Difference
Card        1              177511
            2               48643
            3               52607
            4               31674
            5                6968
            6                5547
            7                2074
            8                2179
            9                2053
            10               1088
            11                901
            12                269
            13                173
            14               1098
            15                240
            16                245
            17                244
            18                195
            19                354
            20                132
            21                385
            22                195
            23                 74
            24                154
            25                126
```

	26	242
	27	97
	28	108
	29	114
	30	57
	31	106
	32	94
	33	42
	34	18
	35	46
	36	95
	37	10
	38	23
	39	9
	40	3
	41	1
	42	2
Flat	1	327335
	2	125657
	3	81343
	4	48012
	5	15583
	6	12127
	7	12862
	8	13120
	9	5636
	10	6414
	11	4410
	12	2282
	13	3297
	14	4392
	15	2174
	16	1222
	17	1680
	18	1395
	19	524
	20	890
	21	1529
	22	814
	23	568
	24	678
	25	542
	26	526
	27	652
	28	688
	29	811
	30	351
	31	474
	32	290
	33	245
	34	234
	35	257
	36	244
	37	98
	38	65
	39	56
	40	27
	41	16
	42	13
	43	11
	44	2
	45	4
	46	4

47	7
48	7
49	4
50	6
51	1
52	4
53	5
54	6
55	3
56	6
57	5
58	6
59	6
60	4
61	7
62	2
63	1
64	7
65	1
66	1
67	1
69	1
70	2
71	1
72	1
73	1
76	1
77	2
81	1
82	2
83	2
85	3
88	5
90	1
91	2
92	1
93	1
95	3
96	2
97	2
98	2
99	2
100	1
101	2
104	2
105	2
106	1
107	1
108	3
111	1
112	1
113	2
117	1
119	2
120	1
121	2
125	1
126	1
127	1
129	2
136	2
137	1
141	2

	146	1
Letter	1	3093629
	2	903634
	3	715262
	4	389349
	5	153473
	6	70459
	7	73176
	8	51806
	9	25161
	10	28246
	11	21997
	12	8546
	13	9185
	14	16197
	15	6225
	16	4541
	17	7460
	18	4973
	19	3034
	20	3813
	21	6916
	22	4278
	23	2615
	24	3984
	25	3990
	26	3404
	27	2252
	28	2580
	29	3540
	30	2252
	31	3012
	32	2561
	33	1723
	34	760
	35	904
	36	1227
	37	214
	38	312
	39	181
	40	133
	41	42
	42	24
	43	16
	44	7
	45	6
	46	8
	47	5
	48	2
	49	2
	50	4
	52	2
	53	3
	54	2
	55	2
	56	1
	57	1
	58	1
	59	48
	60	3
	61	1
	62	2
	64	1

```
dtype: int64
```

In [41]: