

Format of the gap file and daily update files versus the historical file

The formats of the gap file and daily update file differs from the format of the historical file, although in the file `Clarifications to implementation II.DOCX` (received Mar 21 2016) it is stated:

Both [shooting and non-shooting crime data] will be in the same format previously delivered.

Question: Will the gap and daily file formats be updated to match that of the historical files, or should we process this different format as well?

Non-shooting incidents

The format of the gap and daily non-shooting files is similar to, but different from the historical incident files.

Specifically, gap+daily files:

1. Have no CSV header row.
2. OCC DATE column's format is apparently `yyyymmdd` (in historical file it is `m/d/yyyy`)
3. OCC TIME column's format is apparently `hh.mm.ss` (in historical file it is `h:mm`)
4. The OCC X COORD and OCC Y COORD values are quoted with trailing spaces (although they are numeric values)
5. Some column values are quoted (this is not a significant issue)

Examples:

Historical file: `2010_compinf.csv`, first 5 rows:

```
UF61#,OFFENSE,PDC,OCC DATE,OCC TIME,OCC PCT,OCC SECTOR,OCC X COORD,OCC Y COORD
2002-077-01967,HOMICIDE,129,3/7/2002,8:30,77,M,1005497,183450
2007-040-15987,AGG HARASSMENT,639,12/17/2007,21:25,40,E,1009521,236608
2008-020-05744,ASSAULT,109,7/11/2008,18:30,20,B,987951,220453
2008-081-08140,TRESSPASS / CRIM,205,3/31/2009,16:19,81,D,1002164,189924
```

Gap file: `predict.61.orig_sql.del`, first 5 rows:

```
"2016-123-00945","BURGLARY",,"221",20160407,"15.55.00","123","B","0922295",,"0129626",
"2016-123-00950","CRIM POSS CONT SUBST",,"501",20160407,"21.30.00","123","B","0922295",,"0129626",
"2016-123-00943","LOST PROP UNCLASS",,"060",20160407,"07.00.00","123","D","0923099",,"0137052",
"2016-123-00947","ASSAULT",,"101",20160407,"15.30.00","123","D","0922587",,"0139696",
"2016-123-00946","CRIM POSS CONT SUBST",,"503",20160407,"17.20.00","123","D","0925494",,"0139864",
```

Daily file: predict.61.20160409@0600.del, first 5 rows:

```
"2016-123-00953","DWI INTOX DRIV ALCOH","905",20160408,"05.29.00","123","D","0929761 ","0135423 "  
"2016-122-01719","CRIM CONTEMPT (F) ",,"198",20160408,"15.40.00","122","B","0945345 ",,"0138493 "  
"2016-122-01711","CRIM POSS WEAPON ",,"793",20160408,"17.42.00","122","A","0943287 ",,"0143860 "  
"2016-122-01717","STALKING ",,"101",20160408,"13.30.00","122","D","0953044 ",,"0147638 "  
"2016-122-01716","ILLEGAL EVICT (MISD)","878",20160408,"18.45.00","122","G","0959420 ",,"0148109 "
```

Shooting incidents

The differences between the historical and the gap/daily files are the same as those itemized above.

Examples:

Historical file: Shooting Incidents JAN2010 to JAN2016.csv, first 5 rows:

```
Shooting Homicide Incident ID,Year,Occurrence Date,Occurrence Time,Precinct Code,Full  
Address,X Coordinate Code,Y Coordinate Code  
16770,2010,1-Jan-10,6:55:00 AM,67,EAST 45 ST&&FARRAGUT RD,1002660,171417  
16772,2010,1-Jan-10,5:43:00 AM,81,940 GATES AVE.,1004742,190315  
16776,2010,2-Jan-10,6:00:00 PM,90,373 BROADWAY,996744,197004  
16778,2010,1-Jan-10,3:45:00 AM,107,FRANCIS LEWIS BLVD&&HILLSIDE AV,1050931,202071
```

Gap file: predict.shm.orig.del, first 5 rows:

```
"27763          ",20160405,"03.15.00","060","161 27 AVENUE","987641      ",,"154392      "  
"27759          ",20160403,"15.10.00","040","423 EAST 146 STREET","1006861      ",,"235764      "  
"27756          ",20160403,"02.40.00","044","1100 GERARD AVENUE","1005887      ",,"242703      "  
"27753          ",20160402,"01.00.00","044","1000 TELLER AVENUE","1007947      ",,"240930      "  
"27751          ",20160401,"16.01.00","067","2537 TILDEN AVE","997143       ",,"174897      "
```

Daily file: predict.shm.20160410@0600.del, first 5 rows:

```
"27772          ",20160408,"02.27.00","044","1225 WEBSTER AVENUE","1009327      ",,"242675      "  
"27771          ",20160406,"19.44.00","025","111 EAST 128 STREET","1001666      ",,"233206      "  
"27761          ",20160404,"14.04.00","067","76 EAST 31 STREET","998574       ",,"175610      "  
"27762          ",20160404,"22.58.00","075","DUMONT AVENUE&&BARBEY STREET","1017036      ",,"183890      "  
"27754          ",20160402,"05.17.00","032","WEST 133 STREET&&LENOX AVENUE","999433       ",,"236538      "
```