Durham PD Data Dictionary/Translation Guide

Each table represents a file from the DPD. The entries on the left are the name of the field in the feed from the DPD, along with the description of the field from the DPD. The entries on the right are the names of the fields in the CFS Analytics database in “<table\_name>.<column\_name>” format. There are a few special cases:

* “N/A”: the field is a derived field or was otherwise unnecessary in the CFS Analytics database
* Multiple field names in the CFS Analytics column: the information contained in the field was split apart in the CFS Analytics database across multiple fields

Other notes:

* info about the geo coordinates: GCS North America 1983 – NAD1983 state plane NC FIPS 3200 ft, “Lambert conformal conic”?
* A picture showing the typical progression of timestamps is in the repo (received, routed, finished, dispatched, enroute, arrived, transport (optional), cleared, closed)

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| DPD incimain (call for service) | **CFS Analytics** |
| inci\_id – CAD event number, which functions as the primary key | call.call\_id |
| calltime – date/time the call was received | call.time\_received/call.hour\_received/  call.month\_received/call.week\_received/  call.dow\_received |
| calldow – day of the week call was received | N/A |
| case\_id – case number, if a report is generated from the call | call.case\_id |
| callsource – the source of the call (data dictionary available in the git repo) | call.source\_id/call\_source.descr |
| primeunit – the primary unit assigned to the call (which unit the call belongs to based on geographic area – not necessarily the first unit dispatched if the call is urgent and the primary unit is not nearby or is busy on another call) | call.primary\_unit\_id/call\_unit.descr |
| firstdisp – the first unit dispatched | call.first\_dispatched\_id/call\_unit.descr |
| streetno – numeric portion of the street address | call.street\_num |
| streetonly – name portion of the street address | call.street\_name |
| street – entire street address, including street number and name | N/A |
| citydesc – city name of the call | call.city\_id / city.descr |
| zip – zip code (5 digit) of the call | call.zip |
| crossroad1 – first cross street to the call address | call.crossroad1 |
| crossroad2 – second cross street to the call address | call.crossroad2 |
| geox – x coordinate of the call address | call.geox (converted to longitude in call\_latlong) |
| geoy - y coordinate of the call address | call.geoy (converted to latitude in call\_latlong) |
| service – service type | N/A (always “LAW”) |
| agency – agency type | N/A (always “DPD”) |
| statbeat – geographic patrol beat of the call | call.beat |
| district – geographic patrol district of the call | call.district |
| ra – geographich patrol sector of the call | call.sector |
| business – name of the business located at the call address | call.business |
| naturecode – nature code of the call | N/A |
| nature – description of the nature code in the preceding field (corresponds to Tampa’s “final case type” – initial case type not given to us because it can be assigned by dispatchers or officers, and this made it very “unclean” data. | call.nature\_id/nature.descr |
| priority – priority level of the call. Assigned on a combination of nature and call status (an in-progress call is usually higher priority than something more serious that already happened) | call.priority |
| rptonly – flag identifying whether the call was only to request a report number | call.report\_only |
| cancelled – flag identifying whether the call was cancelled | call.cancelled |
| notes – memo field containing all of the notes for the call | note.body, note.time\_recorded, note.author\_id/author.descr, note.note\_id (generated) |
| timeroute – date/time the call was routed for dispatch | call.time\_routed |
| secs2rt – number in seconds from calltime to timeroute | N/A |
| timefini – date/time the call taking finished | call.time\_finished |
| secs2fn – number in seconds from calltime to timefini | N/A |
| firstdtm – date/time the first unit was dispatched | call.first\_unit\_dispatch |
| secs2di – number in seconds from calltime to firstdtm | N/A |
| secsrt2dsp – number in seconds from timeroute to firstdtm | N/A |
| secsfi2dsp - number in seconds from timefini to firstdtm | N/A |
| firstenr – date/time the first unit was enroute to the call | call.first\_unit\_enroute |
| secs2en – number in seconds from calltime to firstenr | N/A |
| secsdi2en – number in seconds from firstdtm to firstenr | N/A |
| firstarrv – date/time the first unit arrived at the call | call.first\_unit\_arrive |
| secs2ar – number in seconds from calltime to firstarrv | N/A |
| secsdi2ar – number in seconds from firstdtm to firstarrv | N/A |
| firsttran – date/time the first unit conducted a transport | call.first\_unit\_transport |
| secs2tr – number in seconds from calltime to firsttran | N/A |
| secsar2tr – number in seconds from firstarrv to firsttran | N/A |
| lastclr – date/time the last unit cleared the call | call.last\_unit\_clear |
| secs2lc – number in seconds from calltime to lastclr | N/A |
| secsar2lc – number in seconds from firstarrv to lastclr | N/A |
| secstr2lc – number in seconds from firsttran to lastclr | N/A |
| timeclose – date/time the call was closed out | call.time\_closed |
| reptaken – if a report is generated, the unit taking the report | call.reporting\_unit\_id/call\_unit.descr |
| closecode – the final disposition of the call (data dictionary available in repo) | call.close\_code\_id/close\_code.descr |
| closecomm – comments related to how the call was closed | call.close\_comments |

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| DPD incilog (call for service log) | **CFS Analytics** |
| incilogid – primary key for the table | call\_log.call\_log\_id |
| transtype – transaction code | call\_log.transaction\_id |
| descript - description of the transaction code in the preceding field – ones that are long enough to be cut off are not relevant | transaction.descr |
| timestamp – date/time of the log entry | call\_log.time\_recorded |
| timeinsecs – number in seconds from midnight for the timestamp | N/A |
| inci\_id – secondary key for the table, and linking field to inmain table | call\_log.call\_id |
| unitcode – unit related to the transtype action | call\_log.call\_unit\_id / call\_unit.descr |
| radorev – whether the log entry is related to radio or event transactions | N/A (always ‘R’) |
| unitperid – linking field to the unitper table, in the event we ever want to link activity to specific officer names | call\_log.shift\_unit\_id |
| closecode – the final disposition of the unit on the call (data dictionary available in repo) | call\_log.close\_code\_id/close\_code.descr |

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| DPD lwmain (incident data) | **CFS Analytics** |
| o lwmainid – primary key of the lwmain table | incident.incident\_id |
| o inci\_id – case number for the police report (functions as the linking field to the CALLS FOR SERVICE table) | incident.case\_id (note: this is NOT related to the call.inci\_id field, even though they are named the same – it is related to call.case\_id) |
| o date\_rept – date the report was filed with the police department | incident.time\_filed (contributes date) incident.week\_filed/  incident.day\_of\_week\_filed/  incident.month\_filed |
| o time – time the report was filed with the police department | incident.time\_filed (contributes time) |
| o yearstamp – year the report was filed with the police department | N/A |
| o monthstamp – month the report was filed with the police department | N/A |
| o reportedas – first 15 characters of the nature description from the CALL FOR SERVICE record | N/A |
| o streetnbr – numeric portion of the street address | incident.street\_num |
| o street – name portion of the street address | incident.street\_name |
| o city – city name of the incident | incident.city\_id/city.descr |
| o zip – zip code (5 digit) of the incident | incident.zip |
| o geox – x coordinate of the incident address (projection is NC state plane feet; must divide by 100) | incident.geox (converted to longitude in incident\_latlong) |
| o geoy - y coordinate of the incident address (projection is NC state plane feet; must divide by 100) | incident.geoy (converted to latitude in incident\_latlong) |
| o tract – geographic patrol beat of the incident | incident.beat |
| o district – geographic patrol district of the incident | incident.district |
| o reportarea – geographic patrol sector of the incident | incident.sector |
| o premise – location type of the incident (see attachment for translation; group and item) | incident.premise\_id (translation: premise. descr, premise\_group.group) |
| o weapon – weapon (person crimes) or tool (property crimes) used (see attachment for translation; group and item) | incident.weapon\_id (translation: weapon.descr, weapon\_group.descr) |
| o domestic – Y/N flag for incidents investigated by Domestic Violence Unit | incident.domestic |
| o juvenile – Y/N/U flag for incidents involving juvenile victims/suspects | incident.juvenile |
| o gangrelat – YES/NO/UNK flag for incidents with gang indicators | incident.gang\_related |
| o emunit – bureau of the employee taking the report (see attachment for translation) | incident.emp\_bureau\_id (translation: bureau.descr) |
| o emdivision – division of the employee taking the report (see attachment for translation) | incident.emp\_division\_id (translation: division.descr) |
| o emsection – unit of the employee taking the report (see attachment for translation) | incident.emp\_unit\_id (translation: unit.descr) |
| o asst\_offcr – number of officers assisting on the CALL FOR SERVICE from CAD (this field may not be necessary) | incident.num\_officers |
| o invststats – status of the investigation (see attachment for translation; secondary to csstatus) | incident.investigation\_status\_id (translation: investigation\_status.descr) |
| o investunit – unit of the assigned investigator for the incident (same translation as emsection) | incident.investigator\_unit\_id/  unit.descr |
| o csstatus – status of the case report (see attachment for translation; primary over invststat) | incident.case\_status\_id (translation: case\_status.descr) |
| o lwchrgid – primary key of the offense child table | N/A (only used to resolve the duplicate primary key issue) |
| o chrgcnt – sequence number for the offense(s) related to the case (should be filtered on only ‘1’) | N/A (always 1) |
| o ucr\_code – Uniform Crime Report designation for the offense (see attachment for translation) | incident.ucr\_code |
| o arr\_chrg – short description for the ucr code (this field may not be necessary) | incident.ucr\_descr\_id/  ucr.short\_descr |
| o chrgdesc – long description for the ucr\_code | ucr.long\_descr |
| o attm\_comp – ATT/COM flag for whether the offense was attempted or committed | incident.committed (TRUE means committed, FALSE means just attempted) |

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| DPD lwmodop (modus operandi) | **CFS Analytics** |
| o lwmainid – secondary key for the table, and linking field to lwmain table | modus\_operandi.incident\_id |
| o lwmodopid – primary key of the lwmodop table | modus\_operandi.mo\_id |
| o mogroup – modus operandi group code | modus\_operandi.mo\_group\_id |
| o groupdesc - modus operandi group description | mo\_item.group\_descr |
| o moitem - modus operandi item code (note: combination of mogroup and moitem is unique, not moitem by itself) | modus\_operandi.mo\_item\_id |
| o itemdesc - modus operandi item description | mo\_item.item\_descr |

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| DPD outserv (out of service data) | **CFS Analytics** |
| o outservid – primary key | out\_of\_service.oos\_id |
| o unitcode | out\_of\_service.call\_unit\_id |
| o oscode | out\_of\_service.oos\_code\_id (translation: oos\_code.descr) |
| o location | out\_of\_service.location |
| o comments | out\_of\_service.comments |
| o starttm | out\_of\_service.start\_time |
| o endtm | out\_of\_service.end\_time |
| o duration | out\_of\_service.duration (recalculated from start\_time and end\_time since this field is inconsistent) |
| o unitperid | out\_of\_service.shift\_unit\_id |

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| DPD unitper (in-service data) | CFS Analytics |
| o primekey | shift.shift\_id |
| o unitperid | shift.shift\_unit\_id (NOT UNIQUE) |
| o unitcode | shift.call\_unit\_id (translation: call\_unit.descr) |
| o officerid | shift.officer\_id (references officer\_name but not a foreign key, since officer\_id is not unique in officer\_name) |
| o name | officer\_name.name |
| o emdept\_id | N/A |
| o intime | shift.time\_in |
| o outtime | shift.time\_out |
| o emunit | shift.unit |
| o emdivision | shift.division |
| o emsection | shift.section |

## Other data inputs:

These contain a lot of extra columns that are either null or appear to be useless. If a column in the file isn’t listed here, consider it N/A to the CFS Analytics database.

LWMAIN.CSSTATUS.csv:

- descriptn -> case\_status.descr

LWMAIN.EMDIVISION.csv

- descriptn -> division.descr

LWMAIN.EMSECTION.csv

- descriptn -> unit.descr

LWMAIN.EMUNIT.csv

- descriptn -> bureau.descr

LWMAIN.INVSTSTATS.csv

- descriptn -> investigation\_status.descr

LWMAIN.PREMISE.csv

- descriptn\_a -> premise\_group.group

- descriptn\_b -> premise\_group.descr

LWMAIN.WEAPON.csv

- descriptn\_a -> weapon\_group.group

- descriptn\_b -> weapon\_group.descr

inmain.callsource.tsv

- call\_source.descr

inmain.closecode.tsv

- close\_code.descr