[External]Re: Hackensack PD CAD Data (2019–Nov 2025) - Final Cleaned & Deduplicated Dataset Ready

From Celbrica Tenah <ctenah@esri.com>

Date Mon 12/01/2025 12:40

To Robert Carucci <rcarucci@hackensackpd.org>

Cc Ryan Weber <rweber@hackensackpd.org>; Benny Marino <bmarino@hackensackpd.org>; Cian Kellett <ckellett@esri.com>

I hope you had a great Thanksgiving!

From your communication, it appears that you've cleaned several elements of the original CAD dataset. Can you verify the permissions within the link you provided, as I am unable to open and review the new dataset you referenced.

Microsoft

Pick an account

Selected user account does not exist in tenant 'City of Hackensack' and cannot access the application '00000003-0000-0ff1-ce00-000000000000' in that tenant. The account needs to be added as an external user in the tenant first. Please use a different account.

Also, I noticed that the current dashboard and source call data were last updated on November 17th. Has the existing ETL workflow been turned off? If so, we will need to account for those call records that are not within the cleaned data file. Additionally, previously you'd mentioned that you'd be updating the existing shapefiles for the administrative boundaries (i.e., Post). Were there any changes that would impact new spatial joins?

So that I ensure I am aligned with the most current information, are we still looking to finish configuration of the Crime Problem Manager dashboard? Are the current CAD needs as follows:

- Truncate existing CAD records within AGOL
- Spatially join new/cleaned records to Post/Beat (need to verify if this has been changed)
- Append new/cleaned records to AGOL
- Verify ETL workflow is running as designed

I'm open to discuss further.

Thanks,

Celbrica Tenah | Sr. Consultant, Public Safety

From: Robert Carucci <rcarucci@hackensackpd.org>
Sent: Tuesday, November 25, 2025 5:18 PM
To: Celbrica Tenah <ctenah@esri.com>

Cc: Ryan Weber <rweber@hackensackpd.org>; Benny Marino <bmarino@hackensackpd.org>
Subject: Hackensack PD CAD Data (2019–Nov 2025) - Final Cleaned & Deduplicated Dataset Ready

Celbrica,

Linked below, is the final, production-ready CAD dataset for Hackensack PD (Jan 2019 – 24 Nov 2025).

- **File**: CAD_ESRI_Final_20251124_COMPLETE.xlsx

- **Records**: 702,352 (duplicates fully resolved)

- **Unique Cases**: 542,565 (100% preserved)

- **Size**: 58.1 MB

Key Quality Metrics
- Address validity: 97.5% (684,935 geocode-ready) – up from ~81.6% raw
- Remaining incomplete addresses: 2.5% (17,417) – almost all blank intersections
- Response_Type & Incident coverage: 99.96%
- Disposition & How Reported: 100%
- Hour field: 100% exact HH:mm

The file contains the exact 17 columns needed and is ready for immediate import.

One quick ask: the remaining 2.5% incomplete addresses could be recovered via spatial join to the correct Post/Beat polygons. I can do it myself, but time is tight. If cleaning/fixing the current Post and Beat boundary layer would take you an hour or two, would you be able to squeeze it in and still have enough time to set up the dashboard and receive training? That would push us to 99.9%+ geocoded coverage instantly.

I've attached the detailed data-quality report (PDF) and field dictionary.

Please let me know when you would like to schedule a call.

Link & Attachments:
- CAD_ESRI_Final_20251124_COMPLETE.xlsx [hackensack-my.sharepoint.com]
- Hackensack Police Department CAD Data Dictionary (2019–2025): containing, CAD Data Quality Report and CAD Field Dictionary

V/r,

Officer Robert A. Carucci
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Safe Streets Operations Control Center |
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