

Arrests Codebook

Arrests

- **date**: Date of the arrest in YYYY-MM-DD format.
- **hour**: Hour of the day when the arrest took place rounded to the nearest hour in military time.
- **crime_code**: The suspected crime type causing the arrest.
- **statute_description**: More detailed categories describing what specific statute was suspected to have been violated.
- **lat**: Latitude of the arrest.
- **lon**: Longitude of the arrest.
- **district**: Police district where the arrest took place.
- **civ.race**: Race of the civilian.
- **civ.gender**: Sex of the civilian.
- **civ.age**: Age of the civilian at the time of the stop.
- **arrest_id**: Identifier for each arrest.
- **officer_id**: Unique identifier for each officer.
- **month**: Month of the arrest in YYYY-MM-DD format. The day is always the first day of the month.
- **civilian_race_short**: Collapsed version of **civ.race** (less categories).
- The unit of analysis is a unique officer involved in an arrest. Each row can be uniquely identified by **officer_id** and **arrest_id**.
- Each arrest involves only one civilian, but they can involve multiple officers. It is possible multiple arrests are all a part of one larger incident involving multiple civilians. This can be investigated by examining arrests that took place in the same location at the same time involving the same officers.
- **Number of rows**: 321872
- **Number of unique arrests**: 164802

“Arrests for municipal code violations and outstanding warrants are categorized as ‘other’”. page 8 of Appendix Section S1.5 in Ba et al. 2021.

col	min	first_q	med	mean	third_q	max	sd	iqr	mad	na	prent_na
hour	0	7	15	13.05	19	23	7.31	12	7.41	0	0
civ.age	18	23	29	32.55	41	94	11.92	18	11.86	22	0

col	missing	nr_unique	prent_missing
date	0	1462	0.0000000
statute_description	2	1621	0.0000062
lat	59621	18324	0.1852320
lon	59621	14987	0.1852320
arrest_id	0	164802	0.0000000
officer_id	0	8369	0.0000000
month	0	49	0.0000000

n	prent	name	value
119271	0.3705541	crime_code	other
81042	0.2517833	crime_code	violent
57604	0.1789656	crime_code	property
36240	0.1125913	crime_code	drug
27715	0.0861057	crime_code	TRF
28523	0.0886160	district	11
25911	0.0805009	district	25
23109	0.0717956	district	8
22166	0.0688659	district	6
21130	0.0656472	district	7
20592	0.0639757	district	9
19144	0.0594771	district	4
19134	0.0594460	district	10
18995	0.0590141	district	15
17732	0.0550902	district	3
14253	0.0442816	district	5
11458	0.0355980	district	19
10463	0.0325067	district	18
10152	0.0315405	district	2
9786	0.0304034	district	12
8194	0.0254573	district	1
7622	0.0236802	district	14
7279	0.0226146	district	22
7143	0.0221921	district	24
7014	0.0217913	district	17
5946	0.0184732	district	16
4510	0.0140118	district	20
1274	0.0039581	district	13

193	0.0005996	district	23
149	0.0004629	district	21
214048	0.6650097	civ.race	BLACK
70132	0.2178879	civ.race	HISPANIC
34528	0.1072725	civ.race	WHITE
2167	0.0067325	civ.race	ASIAN/PACIFIC ISLANDER
670	0.0020816	civ.race	NA
327	0.0010159	civ.race	NATIVE AMERICAN/ALASKAN NATIVE
262116	0.8143486	civ.gender	MALE
59722	0.1855458	civ.gender	FEMALE
34	0.0001056	civ.gender	NA
214048	0.6650097	civilian_race_short	civilian_black
70132	0.2178879	civilian_race_short	civilian_hisp
34528	0.1072725	civilian_race_short	civilian_white
2167	0.0067325	civilian_race_short	civilian_aapi
670	0.0020816	civilian_race_short	NA
327	0.0010159	civilian_race_short	civilian_native