

Stops Codebook

Stops

- **stop_id**: Identifier for each stop.
- **time**: Time of the stop in YYYY-MM-DD HH:MM:SS format.
- **date**: Date of the stop in YYYY-MM-DD format.
- **district**: Police district where the stop took place.
- **po_first**: Was the focal officer the first to respond to the scene?
- **stop_type**: What was the type of the stop?
- **contact_type**: Collapsed version of **stop_type** (less categories).
- **civ.race**: Race of the civilian.
- **civ.gender**: Sex of the civilian.
- **civ.age**: Age of the civilian at the time of the stop.
- **lat**: Latitude of the stop.
- **lon**: Longitude of the stop.
- **officer_id**: Unique identifier for the officer.
- **month**: Month of the stop 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).
- **hour**: Hour of the day when the stop took place rounded to the nearest hour in military time.
- The unit of analysis is a unique officer involved in a stop. Each row can be uniquely identified by **officer_id** and **stop_id**.
- Each stop involves only one civilian, but they can involve multiple officers. It is possible multiple stops are all a part of one larger incident involving multiple civilians. This can be investigated by examining stops that took place in the same location at the same time involving the same officers.
- **Number of rows**: 1703158
- **Number of unique stops**: 946912
- **Number of unique officers**: 8937

Stop Type vs. Contact Type

“Stops for ‘dispersal’ and ‘gang and narcotics-related loitering’ are coded as loitering stops; those that are ‘gang / narcotics related’ are coded as drug stops; ‘investigatory stops’ and stops of ‘suspicious persons’ are coded as suspicious behavior; and stops under the ‘Repeat Offender Geographic Urban Enforcement Strategy (ROGUES)’ program are combined with the ‘other’ category.” page 8 of Appendix Section S1.5 in Ba et al. 2021.

variable	value	nr	prop	nr_unique
civ.gender	M	1,322,801	0.777	4
civ.gender	F	379,401	0.223	4
civ.gender	X	953	0.001	4
civ.gender		3	0.000	4
civ.race	BLACK	1,124,118	0.660	5
civ.race	HISPANIC	346,558	0.203	5
civ.race	WHITE	210,545	0.124	5
civ.race	ASIAN/PACIFIC ISLANDER	19,871	0.012	5
civ.race	AMER IND/ALASKAN NATIVE	2,066	0.001	5
civilian_race_short	civilian_black	1,124,118	0.660	5
civilian_race_short	civilian_hisp	346,558	0.203	5
civilian_race_short	civilian_white	210,545	0.124	5
civilian_race_short	civilian_aapi	19,871	0.012	5
civilian_race_short		2,066	0.001	5
contact_type	suspicious	564,936	0.332	5
contact_type	other	488,731	0.287	5
contact_type	traffic	449,868	0.264	5
contact_type	drug	175,939	0.103	5
contact_type	loitering	23,684	0.014	5
district	7	153,554	0.090	26
district	11	116,621	0.068	26

variable	value	nr	prop	nr_unique
district	9	113,954	0.067	26
district	3	109,460	0.064	26
district	8	107,179	0.063	26
district	6	105,842	0.062	26
district	10	105,072	0.062	26
district	2	97,039	0.057	26
district	4	90,303	0.053	26
district	25	79,885	0.047	26
district	15	77,759	0.046	26
district	12	73,882	0.043	26
district	5	72,292	0.042	26
district	19	61,321	0.036	26
district	22	61,013	0.036	26
district	24	52,571	0.031	26
district	18	44,496	0.026	26
district	20	41,572	0.024	26
district	16	39,832	0.023	26
district	14	37,711	0.022	26
district	17	27,783	0.016	26
district	1	22,671	0.013	26
district	13	4,844	0.003	26
district	31	4,219	0.002	26
district	23	1,455	0.001	26
district	21	828	0.000	26
po_first	1	940,693	0.552	2
po_first	0	762,465	0.448	2
stop_type	Other	488,592	0.287	8

variable	value	nr	prop	nr_unique
stop_type	Traffic Related	449,868	0.264	8
stop_type	Suspicious Person	326,587	0.192	8
stop_type	Investigatory Stop	238,349	0.140	8
stop_type	Gang / Narcotics Related	175,939	0.103	8
stop_type	Dispersal	14,370	0.008	8
stop_type	Gang and Narcotics-Related Loitering	9,314	0.005	8
stop_type	Repeat Offender Geog. Urban Enforcement Strategy (ROGUES)	139	0.000	8

variable	mean	sd	min	p25	median	p75	max	iqr	mad	nr_missing	prop_missing
civ.age	32.901	13.825	0.000	22.000	29.000	42.000	1,815.000	20.000	13.343	19,459	0.011
hour	13.613	7.236	0.000	9.000	16.000	19.000	23.000	10.000	7.413	0	0.000
lat	41.828	0.084	41.645	41.765	41.809	41.893	42.023	0.128	0.092	248,657	0.146
lon	-87.669	0.057	-87.847	-87.711	-87.665	-87.628	-87.525	0.083	0.060	248,657	0.146

variable	nr_rows	nr_unique	nr_missing	prop_missing
officer_id	1,703,158	8,937	0	0
stop_id	1,703,158	946,912	0	0

variable	min	p25	median	p75	max	nr_missing	prop_missing
date	2012-01-01	2013-01-19	2014-01-27	2014-11-24	2015-12-31	0	0

variable	unit_of_time	value	n	prop
time	day	1	58,801	0.035
time	day	2	58,611	0.034
time	day	3	59,778	0.035
time	day	4	58,566	0.034
time	day	5	56,654	0.033

variable	unit_of_time	value	n	prop
time	day	6	58,270	0.034
time	day	7	58,892	0.035
time	day	8	58,643	0.034
time	day	9	59,557	0.035
time	day	10	57,755	0.034
time	day	11	57,350	0.034
time	day	12	56,930	0.033
time	day	13	57,517	0.034
time	day	14	57,315	0.034
time	day	15	56,501	0.033
time	day	16	56,317	0.033
time	day	17	56,370	0.033
time	day	18	55,905	0.033
time	day	19	55,580	0.033
time	day	20	53,660	0.032
time	day	21	55,119	0.032
time	day	22	54,755	0.032
time	day	23	53,496	0.031
time	day	24	52,609	0.031
time	day	25	53,399	0.031
time	day	26	53,142	0.031
time	day	27	51,366	0.030
time	day	28	53,259	0.031
time	day	29	49,900	0.029
time	day	30	47,771	0.028
time	day	31	29,370	0.017
time	day_of_week	1	217,695	0.128

variable	unit_of_time	value	n	prop
time	day_of_week	2	235,745	0.138
time	day_of_week	3	256,683	0.151
time	day_of_week	4	261,757	0.154
time	day_of_week	5	248,912	0.146
time	day_of_week	6	245,442	0.144
time	day_of_week	7	236,924	0.139
time	hour	0	114,669	0.067
time	hour	1	96,313	0.057
time	hour	2	71,713	0.042
time	hour	3	46,756	0.027
time	hour	4	29,984	0.018
time	hour	5	16,007	0.009
time	hour	6	12,633	0.007
time	hour	7	24,821	0.015
time	hour	8	38,720	0.023
time	hour	9	54,974	0.032
time	hour	10	63,243	0.037
time	hour	11	58,532	0.034
time	hour	12	50,069	0.029
time	hour	13	47,659	0.028
time	hour	14	32,482	0.019
time	hour	15	63,078	0.037
time	hour	16	96,391	0.057
time	hour	17	132,161	0.078
time	hour	18	135,680	0.080
time	hour	19	123,584	0.073
time	hour	20	96,370	0.057

variable	unit_of_time	value	n	prop
time	hour	21	88,663	0.052
time	hour	22	96,947	0.057
time	hour	23	111,709	0.066
time	month	1	147,701	0.087
time	month	2	147,535	0.087
time	month	3	176,412	0.104
time	month	4	148,099	0.087
time	month	5	146,220	0.086
time	month	6	141,708	0.083
time	month	7	136,540	0.080
time	month	8	140,374	0.082
time	month	9	139,834	0.082
time	month	10	144,162	0.085
time	month	11	129,113	0.076
time	month	12	105,460	0.062
time	year	2,012	402,276	0.236
time	year	2,013	420,433	0.247
time	year	2,014	493,477	0.290
time	year	2,015	386,972	0.227