## Project C740

January 13, 2019

## 1 Emergency 911 Call Analysis

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## 1.1 I. Analyze the Data

In [3]: df

Out[3]:		CAD CDW ID	CAD Event Number	General Offense Number
	0	1702311	16000104983	2016104983
	1	1702312	16000104976	2016104976
	2	1702316	16000104995	2016104995
	3	1702317	16000104994	2016104994
	4	1702318	16000104993	2016104993
	5	1702319	16000104992	2016104992
	6	1702321	16000104986	2016104986
	7	1702322	16000104962	2016104962
	8	1702323	16000104918	2016104918
	9	1702324	16000104794	2016104794
	10	1702325	16000105010	2016105010
	11	1702326	16000105007	2016105007
	12	1702327	16000105002	2016105002
	13	1702328	16000104957	2016104957
	14	1702329	16000104941	2016104941

15	1702330	16000104933	2016104933
16	1702331	16000104823	2016104823
17	1702332	16000104752	2016104752
18	1702333	16000105020	2016105020
19	1702334	16000105018	2016105018
20	1702335	16000105001	2016105001
21	1702336	16000104999	2016104999
22	1702337	16000104988	2016104988
23	1702338	16000104984	2016104984
24	1702339	16000104855	2016104855
25	1702340	16000104782	2016104782
26	1702341	16000104525	2016104525
27	1702342	16000104508	2016104508
28	1702343	16000104981	2016104981
29	1702344	16000104978	2016104978
1016	1703352	16000106578	2016106578
1017	1703354	16000106662	2016106662
1018	1703355	16000106656	2016106656
1019	1703356	16000106623	2016106623
1020	1703357	16000106596	2016106596
1021	1703358	16000106577	2016106577
1022	1703359	16000106499	2016106499
1023	1703360	16000106660	2016106660
1024	1703361	16000106650	2016106650
1025	1703362	16000106529	2016106529
1026	1703363	16000106461	2016106461
1027	1703364	16000106679	2016106679
1028	1703365	16000106675	2016106675
1029	1703366	16000106668	2016106668
1030	1703367	16000106664	2016106664
1031	1703368	16000106659	2016106659
1032	1703369	16000106644	2016106644
1033	1703370	16000106571	2016106571
1034	1703371	16000106458	2016106458
1035	1703372	16000106727	2016106727
1036	1703373	16000106693	2016106693
1037	1703374	16000106688	2016106688
1038	1703375	16000106738	2016106738
1039	1703376	16000106719	2016106719
1040	1703377	16000106692	2016106692
1041	1703378	16000106655	2016106655
1042	1703379	16000106592	2016106592
1043	1703380	16000106728	2016106728
1044	1703381	16000106612	2016106612
1045	1703382	16000106547	2016106547

Event Clearance Code

0 040	ETGUT DIGTUDANGE
0 242 1 470	FIGHT DISTURBANCE PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1 470 2 460	
	TRAFFIC (MOVING) VIOLATION
3 280	SUSPICIOUS PERSON
4 281	SUSPICIOUS VEHICLE
5 176	LIQUOR VIOLATION - ADULT
6 245	DISTURBANCE, OTHER
7 201	ALACAD - RESIDENTIAL BURGLARY (FALSE)
8 245	DISTURBANCE, OTHER
9 65	THEFT - MISCELLANEOUS
10 245	DISTURBANCE, OTHER
11 280	SUSPICIOUS PERSON
12 460	TRAFFIC (MOVING) VIOLATION
13 280	SUSPICIOUS PERSON
14 245	DISTURBANCE, OTHER
15 281	SUSPICIOUS VEHICLE
16 52	BURGLARY - COMMERCIAL
17 250	MISCHIEF, NUISANCE COMPLAINTS
18 177	LIQUOR VIOLATION - INTOXICATED PERSON
19 363	MISSING PERSON
20 245	DISTURBANCE, OTHER
21 430	MOTOR VEHICLE COLLISION
22 280	SUSPICIOUS PERSON
23 280	SUSPICIOUS PERSON
24 186	NARCOTICS, DRUG TRAFFIC LOITERING
25 245	DISTURBANCE, OTHER
26 372	PROPERTY - FOUND (FOLLOW UP TO SPD CASE)
27 63	THEFT - CAR PROWL
28 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
29 161	TRESPASS
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1016 280	SUSPICIOUS PERSON
1017 460	TRAFFIC (MOVING) VIOLATION
1018 430	MOTOR VEHICLE COLLISION
1019 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1020 41	HARASSMENT, THREATS
1021 71	AUTO THEFT
1022 330	CASUALTY (NON CRIMINAL/TRAFFIC) - MAN DOWN, SI
1023 371	PROPERTY - MISSING
1024 63	THEFT - CAR PROWL
1025 430	MOTOR VEHICLE COLLISION
1026 460	TRAFFIC (MOVING) VIOLATION
1027 202	ALACAD - COMMERCIAL PANIC (FALSE)
1028 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1029 245	DISTURBANCE, OTHER
1030 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1031 63	THEFT - CAR PROWL
1032 245	DISTURBANCE, OTHER
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1035 280 SUSPICIOUS VERSON 1036 281 SUSPICIOUS VERICLE 1037 73 AUTO RECOVERY 1038 250 MISCHIEF, NUISANCE COMPLAINTS 1039 245 DISTURBANCE, OTHER 1040 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1041 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1042 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1043 280 SUSPICIOUS PERSON 1044 460 TRAFFIC (MOVING) VIOLATION 1045 430 MOTOR VEHICLE COLLISION  EVENT Clearance SubGroup Event Clearance Group \ 0 DISTURBANCES DISTURBANCES 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 2 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 3 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 4 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 7 BURGLARY ALACAD (FALSE) FALSE ALACAD 8 DISTURBANCES DISTURBANCES 9 TAFFIC RELATED CALLS TRAFFIC RELATED 10 DISTURBANCES DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES DISTURBANCES 17 NUISANCE, MISCHIEF CALLS TRAFFIC RELATED CALLS 18 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 19 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 10 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES BURGLARY 17 NUISANCE, MISCHIEF COMPLAINTS NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS PERSONS - LOST, FOUND, MISSING PERSONS - LOST, F	1033	245	DISTURBANCE, OTHER
1036 281 SUSPICIOUS VEHICLE 1037 73 AUTO RECOVERY 1038 250 MISCHIEF, NUISANCE COMPLAINTS 1039 245 DISTURBANCE, OTHER 1040 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1041 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1042 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1043 280 SUSPICIOUS PERSON 1044 460 TRAFFIC (MOVING) VIOLATION 1045 430 MOTTOR VEHICLE COLLISION  EVENT Clearance SubGroup Event Clearance Group \ 0 DISTURBANCES DISTURBANCES 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 2 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 3 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 4 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 7 BURGLARY ALACAD (FALSE) FALSE ALACAD 8 DISTURBANCES DISTURBANCES 9 THEFT OTHER PROPERTY 10 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES DISTURBANCES 17 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 18 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 19 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES BURGLARY 17 NUISANCE, MISCHIEF COMPLAINTS NUISANCE, MISCHIEF 18 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING DISTURBANCES 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS TRAFFIC RELATED CALLS 29 TRESPASS 3 TRESPASS 3 TRESPASS 4 TRESPASS 5 TRES	1034	52	BURGLARY - COMMERCIAL
1037 73 MISCHIEF, NUISANCE COMPLAINTS 1039 245 DISTURBANCE, OTHER 1040 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1041 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1042 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1043 280 SUSPICIOUS PERSON 1044 460 TRAFFIC (MOVING) VIOLATION 1045 430 MOTOR VEHICLE COLLISION    Event Clearance Subgroup   Event Clearance Group   0 DISTURBANCES DISTURBANCES 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 2 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 3 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 4 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 7 BURGLARY ALACAD (FALSE) FALSE ALACAD 8 DISTURBANCES DISTURBANCES 9 THEFT OTHER PROPERTY 10 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES SUSPICIOUS CIRCUMSTANCES 17 NUISANCE, MISCHIEF COMPLAINTS NUISANCE, MISCHIEF 18 LIQUOR VIOLATIONS PERSONS - LOST, FOUND, MISSING POUND PROPERTY - MISSING, FOUND 27 CAR PROWL CAR PROWL 28 PARKING VIOLATIONS TRESPASS TRESPASS  CARPOWL CAR	1035	280	SUSPICIOUS PERSON
1038 250 MISCHIEF, NUISANCE COMPLAINTS 1039 245 DISTURBANCE, OTHER 1040 470 PARKING VIOLATION (EXCEPT ABANDONDE VEHICLES) 1041 470 PARKING VIOLATION (EXCEPT ABANDONDE VEHICLES) 1042 470 PARKING VIOLATION (EXCEPT ABANDONDE VEHICLES) 1043 280 SUSPICIOUS PERSON 1044 460 TRAFFIC (MOVING) VIOLATION 1045 430 MOTOR VEHICLE COLLISION  EVENT CLEARANCES DISTURBANCES 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 2 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 3 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 4 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 7 BURGLARY ALACAD (FALSE) FALSE ALACAD 8 DISTURBANCES DISTURBANCES 9 THEFT OTHER PROPERTY 10 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 17 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 18 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 19 PERSONS - LOST, FOUND, MISSING DISTURBANCES 10 DISTURBANCES DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES DISTURBANCES 17 NUISANCE, MISCHIEF COMPLAINTS NUISANCE, MISCHIEF 18 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS MOTOR VEHICLE COLLISION INVESTIGATION 22 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS NARCOTI	1036	281	SUSPICIOUS VEHICLE
1039 245 DISTURBANCE, OTHER 1040 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1041 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1042 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1043 280 SUSPICIOUS PERSON 1044 460 TRAFFIC (MOVING) VIOLATION 1045 430 SUSPICIOUS PERSON 1046 430 TRAFFIC (MOVING) VIOLATION 1047 PARKING VIOLATIONS  EVENT Clearance SubGroup 0 DISTURBANCES DISTURBANCES 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 2 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 3 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 4 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 7 BURGLARY ALACAD (FALSE) FALSE ALACAD 8 DISTURBANCES DISTURBANCES 9 THEFT OTHER PROPERTY 10 DISTURBANCES DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 17 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 18 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 19 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 10 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 17 NUISANCE, MISCHIEF COMPLAINTS NUISANCE, MISCHIEF 18 LIQUOR VIOLATIONS PERSONS - LOST, FOUND, MISSING PERSONS - LOST, FOUND, MISSING, POUND PROPERTY - MISSING, FOUND CAR PROWL 28 PARKING VIOLATIONS TRESPASS TRESPASS 21 TRESPASS TRESPASS TRESPASS 22 TRESPASS	1037	73	AUTO RECOVERY
1040 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1041 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1042 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1043 280 SUSPICIOUS PERSON 1044 460 TRAFFIC (MOVING) VIOLATION 1045 430 MOTOR VEHICLE COLLISION    Event Clearance SubGroup   Event Clearance Group   0 DISTURBANCES DISTURBANCES 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 2 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 3 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 4 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 7 BURGLARY ALACAD (FALSE) FALSE ALACAD 8 DISTURBANCES DISTURBANCES 9 THEFT OTHER PROPERTY 10 DISTURBANCES DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES SUSPICIOUS CIRCUMSTANCES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING PERSONS - LOST, FOUND, MISSING DISTURBANCES 20 DISTURBANCES 21 TRAFFIC RELATED CALLS MOTOR VEHICLE COLLISION INVESTIGATION 22 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS NUISANCE, MISCHIEF DISTURBANCES 25 DISTURBANCES 26 PROPERTY - MISSING PERSONS - LOST, FOUND, MISSING DISTURBANCES 26 PROPERTY - MISSING, FOUND PROPERTY - MISSING, FOUND 27 CAR PROWL CAR PROWL 28 PARKING VIOLATIONS TRESPASS TRESPASS 3 TRESPASS TRESPASS 4 TRESPASS TRESPASS 5 TRESPAS	1038	250	MISCHIEF, NUISANCE COMPLAINTS
1041 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1042 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1043 280 SUSPICIOUS PERSON 1044 460 TRAFFIC (MOVING) VIOLATION 1045 430 MOTOR VEHICLE COLLISION  Event Clearance SubGroup Event Clearance Group \ DISTURBANCES DISTURBANCES 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 2 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 3 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 4 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 7 BURGLARY ALACAD (FALSE) FALSE ALACAD 8 DISTURBANCES DISTURBANCES 9 THEFT OTHER PROPERTY 10 DISTURBANCES DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 17 NUISANCE, MISCHIEF COMPLAINTS SUSPICIOUS CIRCUMSTANCES 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING DISTURBANCES 20 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 21 TRAFFIC RELATED CALLS BURGLARY 22 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS NUISANCE, MISCHIEF SUSPICIOUS CIRCUMSTANCES 25 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 26 PROPERTY - MISSING, FOUND PROPERTY - MISSING, FOUND 27 CAR PROWL CAR PROWL 28 PARKING VIOLATIONS TRAFFIC RELATED CALLS 3 PARKING VIOLATIONS TRAFFIC RELATED CALLS 4 PARKING VIOLATIONS TRAFFIC RELATED CALLS 5 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 5 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 5 SUSP	1039	245	DISTURBANCE, OTHER
1042 470 PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) 1043 280 SUSPICIOUS PERSON 1044 460 TRAFFIC (MOVING) VIOLATION 1045 430 MOTOR VEHICLE COLLISION  EVENT CLEARANCE SUBGROUP 0 DISTURBANCES DISTURBANCES 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 2 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 3 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 4 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 6 DISTURBANCES DISTURBANCES 7 BURGLARY ALACAD (FALSE) FALSE ALACAD 8 DISTURBANCES DISTURBANCES 9 THEFT OTHER PROPERTY 10 DISTURBANCES SUSPICIOUS CIRCUMSTANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES DISTURBANCES 16 COMMERCIAL BURGLARIES BURGLARY 17 NUISANCE, MISCHIEF COMPLAINTS NUISANCE, MISCHIEF 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING PERSONS - LOST, FOUND CAR PROWL CAR PROW	1040	470 PARKI	NG VIOLATION (EXCEPT ABANDONED VEHICLES)
1043	1041	470 PARKI	NG VIOLATION (EXCEPT ABANDONED VEHICLES)
1044	1042	470 PARKI	NG VIOLATION (EXCEPT ABANDONED VEHICLES)
EVENT CLEATANCE SUBGROUP O DISTURBANCES 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 1 PARKING VIOLATIONS TRAFFIC RELATED CALLS 3 SUSPICIOUS CIRCUMSTANCES 4 SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS 6 DISTURBANCES 7 BURGLARY ALACAD (FALSE) 8 DISTURBANCES 9 THEFT 10 DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES 14 SUSPICIOUS CIRCUMSTANCES 15 LIQUOR VIOLATIONS 6 DISTURBANCES 7 BURGLARY ALACAD (FALSE) 8 DISTURBANCES 9 THEFT 10 THER PROPERTY 10 DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS	1043	280	SUSPICIOUS PERSON
EVENT CLEARANCES DISTURBANCES  1	1044	460	TRAFFIC (MOVING) VIOLATION
DISTURBANCES  1 PARKING VIOLATIONS  2 TRAFFIC RELATED CALLS  3 SUSPICIOUS CIRCUMSTANCES  4 SUSPICIOUS CIRCUMSTANCES  5 LIQUOR VIOLATIONS  6 DISTURBANCES  7 BURGLARY ALACAD (FALSE)  8 DISTURBANCES  9 THEFT  10 DISTURBANCES  11 SUSPICIOUS CIRCUMSTANCES  12 TRAFFIC RELATED CALLS  13 SUSPICIOUS CIRCUMSTANCES  8 DISTURBANCES  9 THEFT  10 DISTURBANCES  11 SUSPICIOUS CIRCUMSTANCES  12 TRAFFIC RELATED CALLS  13 SUSPICIOUS CIRCUMSTANCES  14 DISTURBANCES  15 SUSPICIOUS CIRCUMSTANCES  16 COMMERCIAL BURGLARIES  17 NUISANCE, MISCHIEF COMPLAINTS  18 LIQUOR VIOLATIONS  19 PERSONS - LOST, FOUND, MISSING  20 DISTURBANCES  21 TRAFFIC RELATED CALLS  22 SUSPICIOUS CIRCUMSTANCES  23 SUSPICIOUS CIRCUMSTANCES  24 NARCOTICS COMPLAINTS  25 DISTURBANCES  26 PROPERTY - MISSING, FOUND  27 CAR PROWL  28 PARKING VIOLATIONS  PROPERTY - MISSING, FOUND  29 TRESPASS  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  PROPERTY - MISSING, FOUND  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  TRAFFIC RELATED CALLS  TRAFFIC RELATE	1045	430	MOTOR VEHICLE COLLISION
DISTURBANCES  1 PARKING VIOLATIONS  2 TRAFFIC RELATED CALLS  3 SUSPICIOUS CIRCUMSTANCES  4 SUSPICIOUS CIRCUMSTANCES  5 LIQUOR VIOLATIONS  6 DISTURBANCES  7 BURGLARY ALACAD (FALSE)  8 DISTURBANCES  9 THEFT  10 DISTURBANCES  11 SUSPICIOUS CIRCUMSTANCES  12 TRAFFIC RELATED CALLS  13 SUSPICIOUS CIRCUMSTANCES  8 DISTURBANCES  9 THEFT  10 DISTURBANCES  11 SUSPICIOUS CIRCUMSTANCES  12 TRAFFIC RELATED CALLS  13 SUSPICIOUS CIRCUMSTANCES  14 DISTURBANCES  15 SUSPICIOUS CIRCUMSTANCES  16 COMMERCIAL BURGLARIES  17 NUISANCE, MISCHIEF COMPLAINTS  18 LIQUOR VIOLATIONS  19 PERSONS - LOST, FOUND, MISSING  20 DISTURBANCES  21 TRAFFIC RELATED CALLS  22 SUSPICIOUS CIRCUMSTANCES  23 SUSPICIOUS CIRCUMSTANCES  24 NARCOTICS COMPLAINTS  25 DISTURBANCES  26 PROPERTY - MISSING, FOUND  27 CAR PROWL  28 PARKING VIOLATIONS  PROPERTY - MISSING, FOUND  29 TRESPASS  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  PROPERTY - MISSING, FOUND  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  TRAFFIC RELATED CALLS  TRAFFIC RELATE			
DISTURBANCES  1 PARKING VIOLATIONS  2 TRAFFIC RELATED CALLS  3 SUSPICIOUS CIRCUMSTANCES  4 SUSPICIOUS CIRCUMSTANCES  5 LIQUOR VIOLATIONS  6 DISTURBANCES  7 BURGLARY ALACAD (FALSE)  8 DISTURBANCES  9 THEFT  10 DISTURBANCES  11 SUSPICIOUS CIRCUMSTANCES  12 TRAFFIC RELATED CALLS  13 SUSPICIOUS CIRCUMSTANCES  8 DISTURBANCES  9 THEFT  10 DISTURBANCES  11 SUSPICIOUS CIRCUMSTANCES  12 TRAFFIC RELATED CALLS  13 SUSPICIOUS CIRCUMSTANCES  14 DISTURBANCES  15 SUSPICIOUS CIRCUMSTANCES  16 COMMERCIAL BURGLARIES  17 NUISANCE, MISCHIEF COMPLAINTS  18 LIQUOR VIOLATIONS  19 PERSONS - LOST, FOUND, MISSING  19 PERSONS - LOST, FOUND, MISSING  20 DISTURBANCES  21 TRAFFIC RELATED CALLS  22 SUSPICIOUS CIRCUMSTANCES  23 SUSPICIOUS CIRCUMSTANCES  24 NARCOTICS COMPLAINTS  25 DISTURBANCES  26 PROPERTY - MISSING, FOUND  27 CAR PROWL  28 PARKING VIOLATIONS  17 CAR PROWL  29 TRESPASS  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  PROPERTY - MISSING, FOUND  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  PROPERTY - MISSING, FOUND  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  TRAFFIC RELATED CALLS  MOTOR VEHICLE COLLISION INVESTIGATION  TRAFFIC RELATED CALLS  MOTOR VEHICLE  TRAFFIC RELAT		Event Clearance SubGroup	Event Clearance Group \
SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTAN	0	DISTURBANCES	<del>-</del>
SUSPICIOUS CIRCUMSTANCES  4 SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS 6 DISTURBANCES 7 BURGLARY ALACAD (FALSE) 8 DISTURBANCES 9 THEFT 10 DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 1 TRAFFIC RELATED CALLS 20 CAR PROWL 21 CAR PROWL 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PARKING VIOLATIONS 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 3 TRESPASS 4 CAR PROWL 5 SUSPICIOUS CIRCUMSTANCES 5 USSPICIOUS CIRCUMSTANCES 6 PARKING VIOLATIONS 7 CAR PROWL 7	1	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
4 SUSPICIOUS CIRCUMSTANCES 5 LIQUOR VIOLATIONS 6 DISTURBANCES 7 BURGLARY ALACAD (FALSE) 8 DISTURBANCES 9 THEFT 10 DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 20 TRESPASS 21 TRESPASS 22 TRESPASS 3 SUSPICIOUS CIRCUMSTANCES 3 SUSPICIOUS CIRCUMSTANCES 4 NARCOTICS COMPLAINTS 5 DISTURBANCES 6 PROPERTY - MISSING, FOUND 7 CAR PROWL 7 CA	2	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
LIQUOR VIOLATIONS BURGLARY ALACAD (FALSE) BURGLARY	3	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
BURGLARY ALACAD (FALSE) THEFT OTHER PROPERTY TO DISTURBANCES THAFFIC RELATED CALLS TRAFFIC RELATED CALLS TRAF	4	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
7BURGLARY ALACAD (FALSE)FALSE ALACAD8DISTURBANCESDISTURBANCES9THEFTOTHER PROPERTY10DISTURBANCESDISTURBANCES11SUSPICIOUS CIRCUMSTANCESSUSPICIOUS CIRCUMSTANCES12TRAFFIC RELATED CALLSTRAFFIC RELATED CALLS13SUSPICIOUS CIRCUMSTANCESSUSPICIOUS CIRCUMSTANCES14DISTURBANCESDISTURBANCES15SUSPICIOUS CIRCUMSTANCESSUSPICIOUS CIRCUMSTANCES16COMMERCIAL BURGLARIESBURGLARY17NUISANCE, MISCHIEF COMPLAINTSNUISANCE, MISCHIEF18LIQUOR VIOLATIONSLIQUOR VIOLATIONS19PERSONS - LOST, FOUND, MISSINGPERSONS - LOST, FOUND, MISSING20DISTURBANCESDISTURBANCES21TRAFFIC RELATED CALLSMOTOR VEHICLE COLLISION INVESTIGATION22SUSPICIOUS CIRCUMSTANCESSUSPICIOUS CIRCUMSTANCES23SUSPICIOUS CIRCUMSTANCESSUSPICIOUS CIRCUMSTANCES24NARCOTICS COMPLAINTSNARCOTICS COMPLAINTS25DISTURBANCESSUSPICIOUS CIRCUMSTANCES26PROPERTY - MISSING, FOUNDPROPERTY - MISSING, FOUND27CAR PROWLCAR PROWL28PARKING VIOLATIONSTRAFFIC RELATED CALLS29TRESPASSTRESPASS1016SUSPICIOUS CIRCUMSTANCESSUSPICIOUS CIRCUMSTANCES	5	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
B DISTURBANCES 9 THEFT OTHER PROPERTY 10 DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 10 TRESPASS 11 COUNTY OTHER PROPERTY 10 THEFT 10 OTHER PROPERTY 10 THEFT 10 OTHER PROPERTY 10 TRAFFIC RELATED CALLS 11 TRAFFIC RELATED CALLS 12 SUSPICIOUS CIRCUMSTANCES 13 SUSPICIOUS CIRCUMSTANCES 14 NARCOTICS COMPLAINTS 15 DISTURBANCES 16 PROPERTY - MISSING, FOUND 17 CAR PROWL 18 PARKING VIOLATIONS 18 TRAFFIC RELATED CALLS 29 TRESPASS 18	6	DISTURBANCES	DISTURBANCES
9 THEFT OTHER PROPERTY 10 DISTURBANCES DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES BURGLARY 17 NUISANCE, MISCHIEF COMPLAINTS NUISANCE, MISCHIEF 18 LIQUOR VIOLATIONS LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS MOTOR VEHICLE COLLISION INVESTIGATION 22 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS NARCOTICS COMPLAINTS 25 DISTURBANCES DISTURBANCES 26 PROPERTY - MISSING, FOUND PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS TRAFFIC RELATED CALLS 29 TRESPASS TRESPASS CAR PROWL 20 TRESPASS	7	BURGLARY ALACAD (FALSE)	FALSE ALACAD
10 DISTURBANCES 11 SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 10 DISTURBANCES 20 TRESPASS 10 DISTURBANCES 20 TRESPASS 10 CAR PROWL 21 CAR PROWL 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 10 CIRCUMSTANCES 20 TRESPASS 10 CAR PROWL 20 CAR PROWL 21 CAR PROWL 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 3 SUSPICIOUS CIRCUMSTANCES 4 NARCOTICS COMPLAINTS 5 DISTURBANCES 6 PROPERTY - MISSING, FOUND 7 CAR PROWL 7 CA	8	DISTURBANCES	DISTURBANCES
11 SUSPICIOUS CIRCUMSTANCES 12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS SUSPICIOUS CIRCUMSTANCES	9	THEFT	OTHER PROPERTY
12 TRAFFIC RELATED CALLS 13 SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES 29 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES 20 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES 21 CAR PROWL 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 20 TRESPASS 20 TRESPASS 21 TRESPASS 22 TRESPASS 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 30 T	10	DISTURBANCES	DISTURBANCES
13 SUSPICIOUS CIRCUMSTANCES 14 DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES 29 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES 29 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES 20 SUSPICIOUS CIRCUMSTANCES 21 TRESPASS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 20 TRESPASS 21 TRESPASS 22 TRESPASS 23 SUSPICIOUS CIRCUMSTANCES 24 SUSPICIOUS CIRCUMSTANCES 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 30 TRESPASS 40 TRESPASS 41 TRESPASS 41 TRESPASS 42 TRESPASS 43 TRESPASS 44 TRESPASS 54 TRESPASS 55 TRESPASS 56 TRESPASS 57 TRESPAS	11	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
14 DISTURBANCES 15 SUSPICIOUS CIRCUMSTANCES 16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 30 TRESPASS 31 COMMERCIAL BURGLARIES 32 SUSPICIOUS CIRCUMSTANCES 33 SUSPICIOUS CIRCUMSTANCES 34 NARCOTICS COMPLAINTS 35 DISTURBANCES 36 PROPERTY - MISSING, FOUND 37 CAR PROWL 38 PARKING VIOLATIONS 40 TRAFFIC RELATED CALLS 41 TRESPASS 42 TRESPASS 51	12	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
SUSPICIOUS CIRCUMSTANCES  16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 3 TRESPASS 4 NOTOR VEHICLE COLLISION INVESTIGATION 4 PROPERTY - MISSING, FOUND 5 PROPERTY - MISSING, FOUND 6 PROPERTY - MISSING, FOUND 7 CAR PROWL 7 CAR PROWL 8 PARKING VIOLATIONS 8 TRAFFIC RELATED CALLS 9 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	13	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
16 COMMERCIAL BURGLARIES 17 NUISANCE, MISCHIEF COMPLAINTS 18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES 29 TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES 20 SUSPICIOUS CIRCUMSTANCES 21 TRESPASS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 30 SUSPICIOUS CIRCUMSTANCES 31 SUSPICIOUS CIRCUMSTANCES 32 SUSPICIOUS CIRCUMSTANCES 33 SUSPICIOUS CIRCUMSTANCES 34 SUSPICIOUS CIRCUMSTANCES 35 SUSPICIOUS CIRCUMSTANCES 36 SUSPICIOUS CIRCUMSTANCES 36 SUSPICIOUS CIRCUMSTANCES 37 SUSPICIOUS CIRCUMSTANCES 38 SUSPICIOUS CIRCUMSTANCES 39 SUSPICIOUS CIRCUMSTANCES 30 SUSPICIOUS CIRCUMSTANCES	14	DISTURBANCES	DISTURBANCES
NUISANCE, MISCHIEF COMPLAINTS  LIQUOR VIOLATIONS  LIQUOR VIOLATIONS  PERSONS - LOST, FOUND, MISSING  DISTURBANCES  TRAFFIC RELATED CALLS  SUSPICIOUS CIRCUMSTANCES  SUSPICIOUS CIRCUMSTANCES  NARCOTICS COMPLAINTS  DISTURBANCES  NARCOTICS COMPLAINTS  PROPERTY - MISSING, FOUND  CAR PROWL  PARKING VIOLATIONS  NUISANCE, MISCHIEF  LIQUOR VIOLATIONS  LIQUOR VIOLATIONS  DISTURBANCES  SUSPICIOUS CIRCUMD, MISSING  MOTOR VEHICLE COLLISION INVESTIGATION  SUSPICIOUS CIRCUMSTANCES  SUSPICIOUS CIRCUMSTANCES  DISTURBANCES  DISTURBANCES  DISTURBANCES  CAR PROWL  CAR PROWL  CAR PROWL  TRAFFIC RELATED CALLS  TRESPASS  TRESPASS  TRESPASS  TRESPASS  SUSPICIOUS CIRCUMSTANCES  SUSPICIOUS CIRCUMSTANCES	15	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
18 LIQUOR VIOLATIONS 19 PERSONS - LOST, FOUND, MISSING 20 DISTURBANCES 21 TRAFFIC RELATED CALLS 22 SUSPICIOUS CIRCUMSTANCES 23 SUSPICIOUS CIRCUMSTANCES 24 NARCOTICS COMPLAINTS 25 DISTURBANCES 26 PROPERTY - MISSING, FOUND 27 CAR PROWL 28 PARKING VIOLATIONS 29 TRESPASS 30 CIRCUMSTANCES 40 PARKING VIOLATIONS 41 CAR PROWL 42 PARKING VIOLATIONS 43 CAR PROWL 44 CAR PROWL 55 CAR PROWL 56 PROPERTY - MISSING, FOUND 66 SUSPICIOUS CIRCUMSTANCES 67 CAR PROWL 68 CAR PROWL 68 CAR PROWL 68 CAR PROWL 69 CAR PROWL 60 CAR PROWL 60 CAR PROWL 60 CAR PROWL 61 CAR PROWL 61 CAR PROWL 62 CAR PROWL 63 CAR PROWL 64 CAR PROWL 65 CAR PROWL 66 CAR PROWL 66 CAR PROWL 67 CAR PROWL 68 CAR PR	16	COMMERCIAL BURGLARIES	BURGLARY
PERSONS - LOST, FOUND, MISSING DISTURBANCES TRAFFIC RELATED CALLS SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES ANARCOTICS COMPLAINTS DISTURBANCES DISTURBANCES PROPERTY - MISSING, FOUND CAR PROWL PARKING VIOLATIONS TRAFFIC RELATED CALLS TRESPASS TRESPASS TRESPASS SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES TRESPASS TRESPASS SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	17	NUISANCE, MISCHIEF COMPLAINTS	NUISANCE, MISCHIEF
DISTURBANCES TRAFFIC RELATED CALLS MOTOR VEHICLE COLLISION INVESTIGATION SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES ARCOTICS COMPLAINTS DISTURBANCES DISTURBANCES DISTURBANCES PROPERTY - MISSING, FOUND CAR PROWL ARCOTICS COMPLAINTS TRAFFIC RELATED CALLS PARKING VIOLATIONS TRAFFIC RELATED CALLS TRESPASS TRESPASS TRESPASS TRESPASS SUSPICIOUS CIRCUMSTANCES	18	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
TRAFFIC RELATED CALLS MOTOR VEHICLE COLLISION INVESTIGATION SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES NARCOTICS COMPLAINTS DISTURBANCES DISTURBANCES PROPERTY - MISSING, FOUND CAR PROWL ACAR PROWL PARKING VIOLATIONS TRAFFIC RELATED CALLS TRESPASS TRESPASS TRESPASS SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	19	PERSONS - LOST, FOUND, MISSING	PERSONS - LOST, FOUND, MISSING
22SUSPICIOUS CIRCUMSTANCESSUSPICIOUS CIRCUMSTANCES23SUSPICIOUS CIRCUMSTANCESSUSPICIOUS CIRCUMSTANCES24NARCOTICS COMPLAINTSNARCOTICS COMPLAINTS25DISTURBANCESDISTURBANCES26PROPERTY - MISSING, FOUNDPROPERTY - MISSING, FOUND27CAR PROWLCAR PROWL28PARKING VIOLATIONSTRAFFIC RELATED CALLS29TRESPASSTRESPASS1016SUSPICIOUS CIRCUMSTANCESSUSPICIOUS CIRCUMSTANCES	20	DISTURBANCES	DISTURBANCES
SUSPICIOUS CIRCUMSTANCES	21	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
NARCOTICS COMPLAINTS  DISTURBANCES  DISTURBANCES  PROPERTY - MISSING, FOUND  CAR PROWL  PROPERTY - MISSING, FOUND  TRAFFIC RELATED CALLS  PARKING VIOLATIONS  TRESPASS  TRESPASS  TRESPASS  SUSPICIOUS CIRCUMSTANCES	22	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
DISTURBANCES DISTURBANCES DISTURBANCES DISTURBANCES DISTURBANCES DISTURBANCES DISTURBANCES DISTURBANCES DISTURBANCES PROPERTY - MISSING, FOUND CAR PROWL CAR PROWL TRAFFIC RELATED CALLS TRESPASS TRESPASS TRESPASS TRESPASS TRESPASS TRESPASS TRESPASS SUSPICIOUS CIRCUMSTANCES	23	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
PROPERTY - MISSING, FOUND CAR PROWL CAR PROWL PARKING VIOLATIONS TRAFFIC RELATED CALLS TRESPASS	24	NARCOTICS COMPLAINTS	NARCOTICS COMPLAINTS
27 CAR PROWL 28 PARKING VIOLATIONS TRAFFIC RELATED CALLS 29 TRESPASS TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	25	DISTURBANCES	DISTURBANCES
28 PARKING VIOLATIONS TRAFFIC RELATED CALLS 29 TRESPASS TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	26	PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND
29 TRESPASS TRESPASS 1016 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	27	CAR PROWL	CAR PROWL
	28	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
1016 SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	29	TRESPASS	TRESPASS
		• • •	•••
1017 TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS			
	1017	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS

1018		S MOTOR VEHICLE COLLISION INVESTIGATION
1019	PARKING VIOLATION	
1020	THREATS, HARASSMEN	•
1021	AUTO THEFT	
1022	CASUALTIE	·
1023	PROPERTY - MISSING, FOUN	D PROPERTY - MISSING, FOUND
1024	CAR PROW	L CAR PROWL
1025	TRAFFIC RELATED CALL	S MOTOR VEHICLE COLLISION INVESTIGATION
1026	TRAFFIC RELATED CALL	S TRAFFIC RELATED CALLS
1027	PANIC ALACAD (FALSE	) FALSE ALACAD
1028	PARKING VIOLATION	S TRAFFIC RELATED CALLS
1029	DISTURBANCE	S DISTURBANCES
1030	PARKING VIOLATION	S TRAFFIC RELATED CALLS
1031	CAR PROW	L CAR PROWL
1032	DISTURBANCE	S DISTURBANCES
1033	DISTURBANCE	S DISTURBANCES
1034	COMMERCIAL BURGLARIE	
1035	SUSPICIOUS CIRCUMSTANCE	
1036	SUSPICIOUS CIRCUMSTANCE	
1037	AUTO RECOVERIE	
1038	NUISANCE, MISCHIEF COMPLAINT	
1039	DISTURBANCE	•
1040	PARKING VIOLATION	
1040	PARKING VIOLATION	
1041	PARKING VIOLATION	
1042	SUSPICIOUS CIRCUMSTANCE	
	TRAFFIC RELATED CALI	
1044		
1045	TRAFFIC RELATED CALL	S MOTOR VEHICLE COLLISION INVESTIGATION
	Event Clearance Date	Hundred Block Location District/Sector \
0	2016-03-26 17:17:00	46XX BLOCK OF 38 AV S R
1	2016-03-26 17:17:00	29 AV / E ALDER ST G
_	2016-03-26 17:15:00 WEST SEA	
2		
3	2016-03-26 17:26:00	24XX BLOCK OF 35 AV W Q
4	2016-03-26 17:19:00	24 AV / E ALDER ST G
5	2016-03-26 17:17:00 9	
6		7XX BLOCK OF RAINIER AV S R
7		66XX BLOCK OF S BANGOR ST S
8	2016-03-26 17:18:00	4 AV S / S LANDER ST O
9	2016-03-26 17:14:00	9XX BLOCK OF 14 AV E C
10	2016-03-26 17:36:00	3XX BLOCK OF 2 AV S K
11	2016-03-26 17:31:00	S FINDLAY ST / 46 AV S R
12	2016-03-26 17:29:00	12 AV / E PIKE ST E
13	2016-03-26 17:28:00	4XX BLOCK OF S DAWSON ST 0
14	2016-03-26 17:30:00	GREENWOOD AV N / N 84 ST J
15	2016-03-26 17:29:00	51 AV S / S HOLLY ST S
16	2016-03-26 17:32:00	31XX BLOCK OF S ALASKA ST R
17	2016-03-26 17:30:00	6XX BLOCK OF S FINDLAY ST R

```
2016-03-26 17:39:00
                                         3 AV S / S LANDER ST
                                                                            0
18
                                     59XX BLOCK OF 46 AV SW
19
      2016-03-26 17:37:00
20
      2016-03-26 17:40:00
                                               8 AV / PIKE ST
                                                                            М
21
      2016-03-26 17:39:00
                               DELRIDGE WY SW / SW ALASKA ST
                                                                            Η
                                    N 77 ST / GREENWOOD AV N
22
      2016-03-26 17:30:00
                                                                            J
      2016-03-26 17:40:00
                                 S HOLGATE ST / AIRPORT WY S
                                                                            0
23
24
      2016-03-26 17:31:00
                                         NW 62 ST / 17 AV NW
25
      2016-03-26 17:38:00
                                              DENNY WY / 8 AV
                                                                            D
                                  40XX BLOCK OF EASTERN AV N
26
      2016-03-26 17:30:00
27
      2016-03-26 17:33:00
                                         10XX BLOCK OF 1 AV W
                                                                            Q
                                      BROADWAY E / E JOHN ST
28
      2016-03-26 17:43:00
                                                                            Ε
      2016-03-26 17:43:00
                                  10XX BLOCK OF S JACKSON ST
                                                                            G
29
. . .
                                                                           . . .
                                        4XX BLOCK OF 24 AV E
1016
     2016-03-28 10:16:00
                                                                            C
1017
     2016-03-28 10:10:00
                               HOLLY PARK DR S / S MYRTLE PL
                                                                            S
     2016-03-28 10:18:00
                                        52XX BLOCK OF 24 AV S
                                                                            R.
1018
1019
     2016-03-28 10:15:00
                                  67XX BLOCK OF ALONZO AV NW
                                                                             J
1020
     2016-03-28 10:13:00
                                  92XX BLOCK OF RAINIER AV S
                                                                            S
1021
     2016-03-28 10:12:00
                                      73XX BLOCK OF 29 AV SW
                                                                            F
1022
     2016-03-28 10:10:00
                                     7XX BLOCK OF E DENNY WY
                                                                            Ε
     2016-03-28 10:25:00
1023
                                    8XX BLOCK OF VIRGINIA ST
                                                                            D
1024
     2016-03-28 10:29:00
                                  69XX BLOCK OF WEEDIN PL NE
                                                                             J
1025
     2016-03-28 10:26:00
                                   GREENWOOD AV N / N 105 ST
                                                                            N
     2016-03-28 10:28:00
                                    17 AV NW / NW BALLARD WY
1026
                                                                            В
1027
     2016-03-28 10:39:00
                               52XX BLOCK OF E MARGINAL WY S
                                                                            U
                                         TERRY AV / SPRING ST
                                                                            Ε
1028
     2016-03-28 10:34:00
     2016-03-28 10:31:00
                                    45XX BLOCK OF STONE WY N
1029
                                                                            В
1030
     2016-03-28 10:39:00
                               45XX BLOCK OF THACKERAY PL NE
                                                                            В
1031
     2016-03-28 10:37:00
                                     14XX BLOCK OF ALASKAN WY
                                                                            Η
1032
     2016-03-28 10:47:00
                                           20XX BLOCK OF 2 AV
     2016-03-28 10:37:00
                               19XX BLOCK OF OCCIDENTAL AV S
1033
                                                                            0
1034
     2016-03-28 10:37:00
                                  38XX BLOCK OF LATONA AV NE
                                                                            В
1035
     2016-03-28 10:55:00
                                I5 EXPRESS / NE 42 ST OFF RP
                                                                            U
     2016-03-28 10:45:00
                                    39 AV SW / SW HANFORD ST
                                                                            Η
1036
                              92XX BLOCK OF M L KING JR WY S
                                                                            S
1037
     2016-03-28 10:47:00
1038
     2016-03-28 11:00:00
                                     2XX BLOCK OF BROADWAY E
                                                                            Ε
                                                                            Ε
1039
     2016-03-28 10:55:00
                                      8XX BLOCK OF E PIKE ST
1040
     2016-03-28 10:55:00
                                      3XX BLOCK OF SENECA ST
                                                                            K
1041 2016-03-28 10:53:00
                                         NE 77 ST / 40 AV NE
                                                                            U
                                         NW 50 ST / 11 AV NW
1042 2016-03-28 10:55:00
                                                                            В
1043 2016-03-28 11:03:00
                                 23XX BLOCK OF SW WEBSTER ST
                                                                            F
                               S CLOVERDALE ST / RENTON AV S
1044 2016-03-28 11:03:00
                                                                            S
1045 2016-03-28 11:03:00
                                 AIRPORT WY S / S HOLGATE ST
                                                                            0
     Zone/Beat
                Census Tract
                              Longitude
                                            Latitude
                                                             Incident Location
0
            R3
                  10100.2019 -122.284904
                                          47.561256 (47.561256, -122.284904)
1
            G2
                   8800.3002 -122.294930 47.604195
                                                      (47.604195, -122.29493)
2
            01
                   9300.3060 -122.335240 47.571580
                                                     (47.57158, -122.33524)
```

```
(47.640358, -122.40237)
3
            Q1
                    5600.4030 -122.402370
                                            47.640358
4
            G2
                    8800.3008 -122.301090
                                            47.604320
                                                          (47.60432, -122.30109)
5
            S3
                   11800.6020 -122.268030
                                            47.519850
                                                          (47.51985, -122.26803)
            R2
                   10001.1002 -122.299160
                                                         (47.579674, -122.29916)
6
                                            47.579674
7
            S3
                   11900.2016 -122.250630
                                            47.506386
                                                         (47.506386, -122.25063)
                                                        (47.579807, -122.329056)
8
            01
                    9300.3019 -122.329056
                                            47.579807
9
            C1
                    6500.3017 -122.314590
                                            47.627274
                                                         (47.627274, -122.31459)
10
            ΚЗ
                    9200.2028 -122.330810
                                            47.600464
                                                         (47.600464, -122.33081)
            R3
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                                                          (47.55191, -122.27538)
11
12
            E2
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                                            47.614105
                                                         (47.614105, -122.31683)
                                                         (47.555634, -122.32896)
            02
                    9300.3167 -122.328960
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13
14
            J3
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                                                         (47.542492, -122.26991)
            S2
                   11102.2008 -122.269910
15
                                            47.542492
            R2
                   10100.3009 -122.292040
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16
17
            R3
                   10200.4025 -122.274760
                                            47.551910
                                                          (47.55191, -122.27476)
                                                         (47.579807, -122.32999)
            01
                    9300.3014 -122.329990
                                            47.579807
18
19
            W2
                   10600.6004 -122.391174
                                            47.549450
                                                         (47.54945, -122.391174)
            M2
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                    8200.1010 -122.332245
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                    9900.2019 -122.362870
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21
            НЗ
                                            47.561085
            J3
                    2900.2003 -122.355300
                                                          (47.684746, -122.3553)
22
                                            47.684746
23
            01
                    9300.1047 -122.321396
                                            47.586205
                                                        (47.586205, -122.321396)
                                                          (47.67382, -122.37888)
24
            B1
                    3300.3013 -122.378880
                                            47.673820
                                                         (47.618546, -122.34137)
25
            D2
                    7200.2001 -122.341370
                                            47.618546
                                                          (47.65612, -122.32904)
26
            ВЗ
                    5100.2026 -122.329040
                                            47.656120
27
                    7000.6008 -122.357960
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            QЗ
                                            47.628220
            E1
                    7500.5004 -122.320880
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28
                                            47.619904
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29
            G1
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            . . .
            C2
                    7700.2006 -122.301160
                                            47.623520
                                                          (47.62352, -122.30116)
1016
            S1
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                   11001.1006 -122.286865
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1018
            R1
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                                            47.678673
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            S3
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1021
            F1
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1022
            E1
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1023
            D2
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            J3
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1024
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1025
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1026
            B1
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                                                          (47.662937, -122.3789)
            02
                   10900.2012 -122.337830
                                            47.554977
                                                         (47.554977, -122.33783)
1027
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1028
            E3
                    8300.1003 -122.326904
                                            47.609585
                    5000.3000 -122.342130
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1029
            В3
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            ВЗ
                                            47.662260
1031
            НЗ
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                                                         (47.607258, -122.34175)
            M1
                    8002.1001 -122.342400
                                            47.612118
                                                          (47.612118, -122.3424)
1032
1033
            01
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1034
            ВЗ
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            U2
                    5200.3001 -122.322450
                                                         (47.656002, -122.32245)
1035
                                            47.656002
```

```
H1
                   9800.2010 -122.381370 47.575596
                                                       (47.575596, -122.38137)
1036
            S1
1037
                  11700.4001 -122.279830
                                          47.518880
                                                        (47.51888, -122.27983)
                                          47.620490
1038
            E1
                   7402.1000 -122.320885
                                                       (47.62049, -122.320885)
            E2
                   8400.1007 -122.321450 47.614070
                                                       (47.61407, -122.32145)
1039
1040
            K1
                   8100.2032 -122.334770
                                          47.607285
                                                       (47.607285, -122.33477)
            UЗ
                   2400.2005 -122.285260
                                          47.684853
                                                       (47.684853, -122.28526)
1041
1042
            B2
                   4700.2031 -122.370766
                                          47.665043
                                                     (47.665043, -122.370766)
                                                       (47.535515, -122.36215)
1043
            F1
                  10701.2011 -122.362150
                                          47.535515
            S2
                 11800.5001 -122.276940
                                                       (47.526115, -122.27694)
1044
                                          47.526115
                                                     (47.586205, -122.321396)
1045
            Ω1
                   9300.1047 -122.321396 47.586205
                                Initial Type Description \
                     FIGHT - IP - PHYSICAL (NO WEAPONS)
0
1
               PARKING VIOLATION (EXCEPT ABANDONED CAR)
2
                             TRAFFIC - MOVING VIOLATION
3
                 SUSPICIOUS PERSON, VEHICLE OR INCIDENT
4
                 SUSPICIOUS PERSON, VEHICLE OR INCIDENT
5
                              LIQUOR VIOLATIONS - ADULT
6
                                                TRESPASS
7
         ALARM - RESIDENTIAL - BURGLARY, SILENT/AUDIBLE
8
              HARAS - NO BIAS, THREATS OR MALICIOUSNESS
9
              THEFT (DOES NOT INCLUDE SHOPLIFT OR SVCS)
10
                       DISTURBANCE, MISCELLANEOUS/OTHER
                  UNKNOWN - COMPLAINT OF UNKNOWN NATURE
11
12
                TRAFFIC STOP - OFFICER INITIATED ONVIEW
13
                                                TRESPASS
                       DISTURBANCE, MISCELLANEOUS/OTHER
14
15
                 SUSPICIOUS PERSON, VEHICLE OR INCIDENT
             BIAS -RACIAL, POLITICAL, SEXUAL MOTIVATION
16
17
                       NOISE - DISTURBANCE (PARTY, ETC)
                                     DETOX - REQUEST FOR
18
19
                                         MISSING - CHILD
20
            WEAPN - GUN, DEADLY WPN (NO THRTS/ASLT/DIST)
21
                      MOTOR VEHICLE COLLISION, BLOCKING
22
                 SUSPICIOUS PERSON, VEHICLE OR INCIDENT
        HAZ - POTENTIAL THRT TO PHYS SAFETY (NO HAZMAT)
23
       NARCOTICS - VIOLATIONS (LOITER, USE, SELL, NARS)
24
25
         WEAPN-IP/JO-GUN, DEADLY WPN (NO THRT/ASLT/DIST)
                                        PROPERTY - FOUND
26
           SECONDARY - THEFT (NOT SHOPLIFT OR SERVICES)
27
28
               PARKING VIOLATION (EXCEPT ABANDONED CAR)
29
                                                TRESPASS
. . .
                 SUSPICIOUS PERSON, VEHICLE OR INCIDENT
1016
                TRAFFIC STOP - OFFICER INITIATED ONVIEW
1017
1018
      TRU- MOTOR VEHICLE COLLISION, HIT AND RUN AFTE...
1019
               PARKING VIOLATION (EXCEPT ABANDONED CAR)
1020
          THREATS (INCLS IN-PERSON/BY PHONE/IN WRITING)
```

	AUTO THEFT - VEH THEFT OR THEFT AND RECOVERY	1021
	TRESPASS	1022
	PROPERTY, LOST OR MISSING	1023
	TRU - THEFT	1024
	MOTOR VEHICLE COLLISION, REPORT ONLY - NON INJ	1025
	TRAFFIC STOP - OFFICER INITIATED ONVIEW	1026
	ALARM - COMM, HOLD-UP/PANIC (EXCEPT BANKS)	1027
	PARKING VIOLATION (EXCEPT ABANDONED CAR)	1028
	TRESPASS	1029
	PARKING VIOLATION (EXCEPT ABANDONED CAR)	1030
	TRU - THEFT	1031
	DISTURBANCE, MISCELLANEOUS/OTHER	1032
	THREATS (INCLS IN-PERSON/BY PHONE/IN WRITING)	1033
	BURG - COMM BURGLARY (INCLUDES SCHOOLS)	1034
	SUSPICIOUS STOP - OFFICER INITIATED ONVIEW	1035
	SUSPICIOUS PERSON, VEHICLE OR INCIDENT	1036
	AUTO RECOVERY	1037
	SUSPICIOUS STOP - OFFICER INITIATED ONVIEW	1038
	FIGHT - IP - PHYSICAL (NO WEAPONS)	1039
	PARKING VIOLATION (EXCEPT ABANDONED CAR)	1040
	PARKING VIOLATION (EXCEPT ABANDONED CAR)	1041
	PARKING VIOLATION (EXCEPT ABANDONED CAR)	1042
	SUSPICIOUS PERSON, VEHICLE OR INCIDENT	1043
	MOTOR VEHICLE COLLISION WITH INJURIES - PRIORI	1044
	MOTOR VEHICLE COLLISION, BLOCKING	1045
Initial Typ	Initial Type Subgroup	
DISTU	DISTURBANCES	0
PARKING VIO	TRAFFIC RELATED CALLS	1
PARKING VIO	TRAFFIC RELATED CALLS	2

	Initial Type Subgroup	Initial Type Group \
0	DISTURBANCES	DISTURBANCES
1	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
2	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
3	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
4	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
5	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
6	TRESPASS	TRESPASS
7	ALACAD	SUSPICIOUS CIRCUMSTANCES
8	THREATS, HARASSMENT	THREATS, HARASSMENT
9	OTHER PROPERTY	THEFT
10	DISTURBANCES	DISTURBANCES
11	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
12	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
13	TRESPASS	TRESPASS
14	DISTURBANCES	DISTURBANCES
15	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
16	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
17	DISTURBANCES	DISTURBANCES
18	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
19	PERSONS - LOST, FOUND, MISSING	PERSONS - LOST, FOUND, MISSING
20	WEAPONS CALLS	WEAPONS CALLS

21	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
22	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
23	HAZARDS	HAZARDS
24	NARCOTICS COMPLAINTS	NARCOTICS COMPLAINTS
25	WEAPONS CALLS	WEAPONS CALLS
26	PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND
27	OTHER PROPERTY	THEFT
28	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
29	TRESPASS	TRESPASS
	•••	•••
1016	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1017	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
1018	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1019	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1020	THREATS, HARASSMENT	THREATS, HARASSMENT
1021	AUTO THEFTS	AUTO RECOVERIES
1022	TRESPASS	TRESPASS
1023	PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND
1024	OTHER PROPERTY	THEFT
1025	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1026	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
1027	ALACAD	SUSPICIOUS CIRCUMSTANCES
1027	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1028	TRESPASS	TRESPASS
1030	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1031	OTHER PROPERTY	THEFT
1032	DISTURBANCES	DISTURBANCES
1033	THREATS, HARASSMENT	THREATS, HARASSMENT
1034	BURGLARY	COMMERCIAL BURGLARIES
1035	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1036	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1037	AUTO THEFTS	AUTO RECOVERIES
1038	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1039	DISTURBANCES	DISTURBANCES
1040	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1041	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1042	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1043	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1044	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1045	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
	At Scene Time OFFICERS AT SCENE	
0	NaT 2	
1	NaT 2	
2	NaT 0	
3	NaT 2	
3 4	Nai Z	
	М°д. Т	
5	NaT 1 NaT 2	

6 7 8 9 10 11 12 13 14	2016-03-26	NaT NaT NaT NaT NaT	3 1 3 1 3 2 0 3 3
15 16 17 18 19 20 21 22 23	2016-03-26	NaT 15:21:00 NaT NaT NaT NaT NaT NaT NaT NaT NaT	3 2 4 0 2 3 1 1 2
24 25 26 27 28 29	2016-03-26 2016-03-26 2016-03-26 2016-03-26	15:29:00 14:03:00 16:20:00	3 0 2 3 0 2
1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033		08:58:00 07:24:00 09:39:00 NaT 07:49:00 05:17:00 NaT NaT NaT NaT 09:51:00 09:30:00	1 0 1 1 1 3 1 0 0 1 3 3 1 1 1 1 1 3 3 3 1

```
1039
                      NaT
                                             3
1040
                      NaT
1041
                      NaT
                                             1
1042 2016-03-28 09:32:00
                                             1
                                            2
1043
                      NaT
1044 2016-03-28 08:52:00
                                             1
1045 2016-03-28 08:00:00
                                             2
[1046 rows x 20 columns]
```

From initial inspection, some features carry redundant information: longitude, Latitude, Incident Location, Hundred Block Location; District/Sector and Zone/Beat

## Additionally, At Scene Time is missing many values

```
In [4]: df.info()
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1046 entries, 0 to 1045
Data columns (total 20 columns):
CAD CDW ID
                              1046 non-null int64
CAD Event Number
                              1046 non-null int64
                            1046 non-null int64
General Offense Number
                            1046 non-null int64
Event Clearance Code
Event Clearance Description 1046 non-null object
Event Clearance SubGroup
                              1046 non-null object
                              1046 non-null object
Event Clearance Group
Event Clearance Date
                              1046 non-null datetime64[ns]
Hundred Block Location
                              1046 non-null object
District/Sector
                              1045 non-null object
Zone/Beat
                              1046 non-null object
Census Tract
                              1045 non-null float64
Longitude
                              1046 non-null float64
Latitude
                              1046 non-null float64
Incident Location
                              1046 non-null object
Initial Type Description
                              1046 non-null object
Initial Type Subgroup
                              1046 non-null object
Initial Type Group
                              1046 non-null object
                              400 non-null datetime64[ns]
At Scene Time
OFFICERS_AT_SCENE
                              1046 non-null int64
dtypes: datetime64[ns](2), float64(3), int64(5), object(10)
memory usage: 163.5+ KB
```

This information validates the fact that only 400 values are present in the At Scene Time Column

For consistency's sake, the OFFICERS\_AT\_SCENE feature should be altered in style to match the others

Zone/Beats, Incident Type Group, Incident Type Subgroup, Distryct/Sector, Event Clearance Group, Event Clearance Subgroup, Event Clearance Code should be changed into categories instead of a Strings/int64

## CAD CDW ID, CAD Event Number, General Offense Number should be changed to strings instead of int64

# The lack of duplicated events seems to indicate accurate recording for the most part and a trustworthy data set

```
In [6]: df[df['At Scene Time'].isnull()]
```

Out[6]:	CAD CDW ID	CAD Event Number	General Offense Number \
0	1702311	16000104983	2016104983
1	1702312	16000104976	2016104976
2	1702316	16000104995	2016104995
3	1702317	16000104994	2016104994
4	1702318	16000104993	2016104993
5	1702319	16000104992	2016104992
6	1702321	16000104986	2016104986
7	1702322	16000104962	2016104962
9	1702324	16000104794	2016104794
10	1702325	16000105010	2016105010
11	1702326	16000105007	2016105007
12	1702327	16000105002	2016105002
13	1702328	16000104957	2016104957
14	1702329	16000104941	2016104941
15	1702330	16000104933	2016104933
17	1702332	16000104752	2016104752
18	1702333	16000105020	2016105020
19	1702334	16000105018	2016105018
20	1702335	16000105001	2016105001
21	1702336	16000104999	2016104999
22	1702337	16000104988	2016104988
23	1702338	16000104984	2016104984
28	1702343	16000104981	2016104981
29	1702344	16000104978	2016104978
32	1702347	16000104898	2016104898
34	1702349	16000105036	2016105036

35	1702350	10000105030	2010105030	
36	1702351	16000105026	2016105026	
37	1702352	16000105021	2016105021	
38	1702353	16000105011	2016105011	
		10000100011	2010100011	
999	1703335	16000106606	2016106606	
1000	1703336	16000106582	2016106582	
1001	1703337	16000106665	2016106665	
1002	1703338	16000106641	2016106641	
1003	1703339	16000106634	2016106634	
1004	1703340	16000106628	2016106628	
1005	1703341	16000106625	2016106615	
1006	1703342	16000106647	2016106647	
1007	1703343	16000106638	2016106638	
1008	1703344	16000106630	2016106630	
1011	1703347	16000106576	2016106576	
1013	1703349	16000106642	2016106642	
1014	1703350	16000106633	2016106633	
1016	1703352	16000106578	2016106578	
			2016106676	
1017	1703354	16000106662		
1018	1703355	16000106656	2016106656	
1019	1703356	16000106623	2016106623	
1024	1703361	16000106650	2016106650	
1027	1703364	16000106679	2016106679	
1028	1703365	16000106675	2016106675	
1029	1703366	16000106668	2016106668	
1030	1703367	16000106664	2016106664	
1035	1703372	16000106727	2016106727	
1036	1703373	16000106693	2016106693	
1037	1703374	16000106688	2016106688	
1038	1703375	16000106738	2016106738	
1039	1703376	16000106719	2016106719	
1040	1703377	16000106692	2016106692	
1041	1703378	16000106655	2016106655	
1043	1703380	16000106728	2016106728	
1040	1700000	10000100720	2010100720	
	E+ 01	0 - 1 -	F+ (1) D	,
_	Event Clearance		Event Clearance Description	\
0		242	FIGHT DISTURBANCE	
1		470 PARKING	VIOLATION (EXCEPT ABANDONED VEHICLES)	
2		460	TRAFFIC (MOVING) VIOLATION	
3		280	SUSPICIOUS PERSON	
4		281	SUSPICIOUS VEHICLE	
5		176	LIQUOR VIOLATION - ADULT	
			•	
6		245	DISTURBANCE, OTHER	
7		201	ALACAD - RESIDENTIAL BURGLARY (FALSE)	
9		65	THEFT - MISCELLANEOUS	
10		245	DISTURBANCE, OTHER	
11		280	SUSPICIOUS PERSON	

12 460	TRAFFIC (MOVING) VIOLATION
13 280	SUSPICIOUS PERSON
14 245	DISTURBANCE, OTHER
15 281	SUSPICIOUS VEHICLE
17 250	MISCHIEF, NUISANCE COMPLAINTS
18 177	LIQUOR VIOLATION - INTOXICATED PERSON
19 363	MISSING PERSON
20 245	DISTURBANCE, OTHER
21 430	MOTOR VEHICLE COLLISION
22 280	SUSPICIOUS PERSON
23 280	SUSPICIOUS PERSON
28 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
29 161	TRESPASS
32 280	SUSPICIOUS PERSON
34 460	TRAFFIC (MOVING) VIOLATION
35 245	DISTURBANCE, OTHER
36 341	HARBOR - DEBRIS, NAVIGATIONAL HAZARDS
37 245	DISTURBANCE, OTHER
38 245	DISTURBANCE, OTHER
	•••
999 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1000 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1001 64	SHOPLIFT
1002 101	FORGERY, BAD CHECKS
1003 430	MOTOR VEHICLE COLLISION
1004 63	THEFT - CAR PROWL
1005 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1006 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1007 176	LIQUOR VIOLATION - ADULT
1008 161	TRESPASS
1011 245	DISTURBANCE, OTHER
1013 245	DISTURBANCE, OTHER
1014 177	LIQUOR VIOLATION - INTOXICATED PERSON
1016 280	SUSPICIOUS PERSON
1017 460	TRAFFIC (MOVING) VIOLATION
1017 430	· · · · · ·
	MOTOR VEHICLE COLLISION
1019 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1024 63	THEFT - CAR PROWL
1027 202	ALACAD - COMMERCIAL PANIC (FALSE)
1028 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1029 245	DISTURBANCE, OTHER
1030 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1035 280	SUSPICIOUS PERSON
1036 281	SUSPICIOUS VEHICLE
1037 73	AUTO RECOVERY
1038 250	MISCHIEF, NUISANCE COMPLAINTS
1039 245	DISTURBANCE, OTHER
1040 470	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)

1041 1043	470 PARKING V 280	VIOLATION (EXCEPT ABANDONED VEHICLES) SUSPICIOUS PERSON
	Event Clearance SubGroup	Event Clearance Group \
0	DISTURBANCES	DISTURBANCES
1	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
2	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
3	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
4	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
5	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
6	DISTURBANCES	DISTURBANCES
7	BURGLARY ALACAD (FALSE)	FALSE ALACAD
9	THEFT	OTHER PROPERTY
10	DISTURBANCES	DISTURBANCES
11	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
12	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
13	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
14	DISTURBANCES	DISTURBANCES
15	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
17	NUISANCE, MISCHIEF COMPLAINTS	NUISANCE, MISCHIEF
18	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
19	PERSONS - LOST, FOUND, MISSING	PERSONS - LOST, FOUND, MISSING
20	DISTURBANCES	DISTURBANCES
21	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
22	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
23	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
28	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
29	TRESPASS	TRESPASS
32	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
34	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
35	DISTURBANCES	DISTURBANCES
36	HARBOR CALLS	HARBOR CALLS
37	DISTURBANCES	DISTURBANCES
38	DISTURBANCES	DISTURBANCES
 999	DADVING VIOLATIONS	TRAFFIC RELATED CALLS
1000	PARKING VIOLATIONS PARKING VIOLATIONS	TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS
1000	THEFT	SHOPLIFTING
1001	FRAUD CALLS	FRAUD CALLS
1002	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
1004	CAR PROWL	CAR PROWL
1005	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
1006	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
1007	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
1008	TRESPASS	TRESPASS
1011	DISTURBANCES	DISTURBANCES
1013	DISTURBANCES	DISTURBANCES
1014	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
	,	,

1017	TRAFFIC RELA	ATED CALLS		TRAFFIC	RELATED CALLS		
1018	TRAFFIC RELA	ATED CALLS	MOTOR VEHICLE	COLLISION	INVESTIGATION		
1019	PARKING '	/IOLATIONS		TRAFFIC	RELATED CALLS		
1024		CAR PROWL			CAR PROWL		
1027	PANIC ALAC	AD (FALSE)			FALSE ALACAD		
1028	PARKING '	/IOLATIONS		TRAFFIC	RELATED CALLS		
1029	DIS	STURBANCES			DISTURBANCES		
1030	PARKING '	/IOLATIONS		TRAFFIC	RELATED CALLS		
1035	SUSPICIOUS CIR	CUMSTANCES	S	SUSPICIOUS	CIRCUMSTANCES		
1036	SUSPICIOUS CIR	CUMSTANCES	S	SUSPICIOUS	CIRCUMSTANCES		
1037	AUTO 1	RECOVERIES			AUTO THEFTS		
1038	NUISANCE, MISCHIEF	COMPLAINTS		NUISA	ANCE, MISCHIEF		
1039	DIS	STURBANCES			DISTURBANCES		
1040	PARKING '	/IOLATIONS		TRAFFIC	RELATED CALLS		
1041		/IOLATIONS			RELATED CALLS		
1043	SUSPICIOUS CIR	CUMSTANCES	Ş	SUSPICIOUS	CIRCUMSTANCES		
				_		,	
	Event Clearance Date		Hundred Block		District/Sect		١
0	2016-03-26 17:17:00		46XX BLOCK (			R	
1	2016-03-26 17:15:00	TIEGE GEAR	•	E ALDER ST		G	
2	2016-03-26 17:19:00	WESI SEAI				0	
3	2016-03-26 17:26:00		24XX BLOCK (			Q G	
4 5	2016-03-26 17:19:00 2016-03-26 17:17:00	0.0	24 AV / E XX BLOCK OF RAI	E ALDER ST		S	
6						s R	
7	2016-03-26 17:17:00	21	XX BLOCK OF RAI	DANCOD CT		r S	
9	2016-03-26 17:17:00	C	טאס פרחכא חריא ו	DANGUR SI		C	
10	2016-03-26 17:14:00		9XX BLOCK OF S 9XX BLOCK ( 3XX BLOCK S FINDLAY ST 12 AV /			K	
11	2016-03-26 17:30:00		TP VAIDIN P	/ 46 AV S		R	
12	2016-03-26 17:29:00		12 AV /	F PIKE ST		E	
13	2016-03-26 17:28:00		4XX BLOCK OF S	DAWSON ST		0	
14	2016-03-26 17:30:00		GREENWOOD AV N			J	
15	2016-03-26 17:29:00		51 AV S / S			S	
17	2016-03-26 17:30:00	46	XX BLOCK OF S F			R	
18	2016-03-26 17:39:00		3 AV S / S			0	
19	2016-03-26 17:37:00		59XX BLOCK OF			W	
20	2016-03-26 17:40:00			/ PIKE ST		M	
21	2016-03-26 17:39:00	DELRI	DGE WY SW / SW			Н	
22	2016-03-26 17:30:00		N 77 ST / GREEN	WOOD AV N		J	
23	2016-03-26 17:40:00		OLGATE ST / AIF			0	
28	2016-03-26 17:43:00		BROADWAY E /	E JOHN ST		E	
29	2016-03-26 17:43:00	10	XX BLOCK OF S			G	
32	2016-03-26 17:52:00		13XX BLOCK OF A			M	
34	2016-03-26 17:56:00	SR509 SB /	W MARGINAL WY	SW OFF RP		F	
35	2016-03-26 18:02:00		19XX BLOO	CK OF 6 AV		М	
36	2016-03-26 17:44:00	21XX	BLOCK OF N NOF	RTHLAKE WY		В	
37	2016-03-26 18:01:00	14	2XX BLOCK OF L	INDEN AV N		H	

SUSPICIOUS CIRCUMSTANCES

1016

SUSPICIOUS CIRCUMSTANCES

	2016-03-26	18:02:00		11 AV /	E PIKE ST	E
999	2016-03-28	09:31:00	140XX	BI.OCK OF I.T	NDEN AV N	 N
1000			11			В
						Н
1002	2016-03-28	09:45:00	14X ROOSEV	4XX BLOCK O	F 26 AV E	C
1003	2016-03-28	09:49:00	ROOSEV	ELT WY NE /	NE 50 ST	U
1004		09:51:00		4XX BLOCK O		С
1005			28	XX BLOCK OF	62 AV SW	W
1006	2016-03-28	09:50:00	15XX BLO	CK OF THORN	DYKE AV W	Q
1007			NE 45			U
1008	2016-03-28	09:56:00	14	XX BLOCK OF	NW 54 ST	В
1011	2016-03-28	09:53:00	57	XX BLOCK OF	22 AV NW	В
1013	2016-03-28	10:07:00		4XX BLOCK	OF 2 AV S	K
1014	2016-03-28	10:06:00		35 AV NW /	NW 67 ST	J
1016	2016-03-28	10:16:00		4XX BLOCK O	F 24 AV E	C
1017	2016-03-28	10:10:00	HOLLY PAR	K DR S / S	MYRTLE PL	S
1018	2016-03-28	10:18:00	5	2XX BLOCK O	F 24 AV S	R
1019			67XX B	LOCK OF ALO	NZO AV NW	J
1024	2016-03-28	10:29:00	69XX B	LOCK OF WEE	DIN PL NE	J
1027	2016-03-28	10:39:00	52XX BLOC	K OF E MARG	INAL WY S	0
1028		10:34:00		TERRY AV /		E
1029	2016-03-28	10:31:00	45XX	BLOCK OF S	TONE WY N	В
1030			45XX BLOC			В
1035	2016-03-28	10:55:00	I5 EXPRE	SS / NE 42	ST OFF RP	U
1036	2016-03-28	10:45:00	39 A	V SW / SW H	ANFORD ST	H
1037	2016-03-28	10:47:00	92XX BLOCK	OF M L KIN	G JR WY S	S
1038	2016-03-28	11:00:00	2XX	BLOCK OF B	ROADWAY E	E
1039	2016-03-28	10:55:00	8X 3X	X BLOCK OF	E PIKE ST	E
1040	2016-03-28	10:55:00	ЗХ	X BLOCK OF	SENECA ST	K
1041	2016-03-28	10:53:00	23XX BL	NE 77 ST /	40 AV NE	U
1043	2016-03-28	11:03:00	23XX BL	OCK OF SW W	EBSTER ST	F
	Zone/Beat (	Census Tract	Longitude	Latitude	Incident	Location \
0	R3	10100.2019	-122.284904	47.561256	(47.561256, -122	.284904)
1	G2	8800.3002	-122.294930	47.604195	(47.604195, -12	2.29493)
2	01	9300.3060	-122.335240	47.571580	(47.57158, -12	2.33524)
3	Q1	5600.4030	-122.402370	47.640358	(47.640358, -12	2.40237)
4	G2	8800.3008	-122.301090	47.604320	(47.60432, -12	2.30109)
5	S3	11800.6020	-122.268030	47.519850	(47.51985, -12	2.26803)
6	R2	10001.1002	-122.299160	47.579674	(47.579674, -12	2.29916)
7	S3	11900.2016	-122.250630	47.506386	(47.506386, -12	2.25063)
9	C1	6500.3017	-122.314590	47.627274	(47.627274, -12	2.31459)
10	КЗ	9200.2028	-122.330810	47.600464	(47.600464, -12	2.33081)
11	R3	10300.2004	-122.275380	47.551910	(47.55191, -12	2.27538)
12	E2	7500.4006	-122.316830	47.614105	(47.614105, -12	2.31683)
13	02	9300.3167	-122.328960	47.555634	(47.555634, -12	2.32896)
14	Ј3	2900.1000	-122.355300	47.689835	(47.689835, -1	22.3553)

```
(47.542492, -122.26991)
15
            S2
                   11102.2008 -122.269910
                                            47.542492
17
            R3
                   10200.4025 -122.274760
                                            47.551910
                                                          (47.55191, -122.27476)
                    9300.3014 -122.329990
                                                         (47.579807, -122.32999)
18
            01
                                            47.579807
                   10600.6004 -122.391174
                                                         (47.54945, -122.391174)
19
            W2
                                            47.549450
20
            M2
                    8200.1010 -122.332245
                                            47.612072
                                                        (47.612072, -122.332245)
                                                         (47.561085, -122.36287)
21
            НЗ
                    9900.2019 -122.362870
                                            47.561085
22
            J3
                    2900.2003 -122.355300
                                            47.684746
                                                          (47.684746, -122.3553)
23
            01
                    9300.1047 -122.321396
                                            47.586205
                                                        (47.586205, -122.321396)
28
            E1
                    7500.5004 -122.320880
                                            47.619904
                                                         (47.619904, -122.32088)
29
            G1
                    9100.1002 -122.318430
                                            47.599186
                                                         (47.599186, -122.31843)
                                                         (47.606407, -122.34087)
32
                    8100.1015 -122.340870
            Μ1
                                            47.606407
34
            F3
                   11200.2066 -122.334910
                                            47.534718
                                                         (47.534718, -122.33491)
                                                          (47.61417, -122.33794)
                    7200.1061 -122.337940
35
            M2
                                            47.614170
36
            В3
                    5400.2012 -122.332500
                                            47.648296
                                                          (47.648296, -122.3325)
37
            H2
                     401.1006 -122.347770
                                            47.731678
                                                         (47.731678, -122.34777)
                                                         (47.614094, -122.31814)
38
            E2
                    7500.4006 -122.318140
                                            47.614094
. . .
            . . .
            N2
                                                        (47.730316, -122.347755)
999
                     401.1007 -122.347755
                                            47.730316
            B2
                    4700.1015 -122.372180
                                            47.667890
                                                          (47.66789, -122.37218)
1000
            НЗ
                    9000.2033 -122.313440
                                                         (47.596653, -122.31344)
1001
                                            47.596653
1002
            C2
                    7700.2008 -122.298775
                                            47.623127
                                                        (47.623127, -122.298775)
1003
            U1
                    5200.5000 -122.317406
                                            47.664936
                                                        (47.664936, -122.317406)
1004
            C2
                    7700.2008 -122.298775
                                            47.623127
                                                        (47.623127, -122.298775)
1005
            W1
                    9701.2001 -122.411980
                                            47.578250
                                                          (47.57825, -122.41198)
                    5600.5046 -122.391870
                                                         (47.633327, -122.39187)
1006
            Q1
                                            47.633327
            U2
                    5301.2006 -122.317640
                                            47.661297
                                                         (47.661297, -122.31764)
1007
                    4700.2004 -122.374900
                                                           (47.66789, -122.3749)
            B1
                                            47.667890
1008
1011
            B1
                    4700.4004 -122.384740
                                            47.670547
                                                         (47.670547, -122.38474)
                                                         (47.601074, -122.33139)
1013
            КЗ
                    9200.2002 -122.331390
                                            47.601074
            J2
                    3200.7020 -122.402130
                                            47.677013
                                                         (47.677013, -122.40213)
1014
                                                          (47.62352, -122.30116)
1016
            C2
                    7700.2006 -122.301160
                                            47.623520
            S1
                   11001.1006 -122.286865
                                            47.537300
                                                          (47.5373, -122.286865)
1017
1018
            R1
                   10401.2012 -122.301735
                                            47.555080
                                                         (47.55508, -122.301735)
                    3300.1009 -122.375130
                                                         (47.678673, -122.37513)
            J2
                                            47.678673
1019
            J3
                    3600.4000 -122.322390
                                                          (47.67914, -122.32239)
1024
                                            47.679140
                                                         (47.554977, -122.33783)
1027
            02
                   10900.2012 -122.337830
                                            47.554977
            E3
                    8300.1003 -122.326904
                                            47.609585
                                                        (47.609585, -122.326904)
1028
                    5000.3000 -122.342130
                                                         (47.661755, -122.34213)
1029
            ВЗ
                                            47.661755
1030
            ВЗ
                    5200.4010 -122.326164
                                            47.662260
                                                         (47.66226, -122.326164)
            U2
                    5200.3001 -122.322450
                                                         (47.656002, -122.32245)
1035
                                            47.656002
                                                         (47.575596, -122.38137)
1036
            H1
                    9800.2010 -122.381370
                                            47.575596
            S1
                   11700.4001 -122.279830
                                            47.518880
                                                          (47.51888, -122.27983)
1037
            E1
                    7402.1000 -122.320885
                                                         (47.62049, -122.320885)
1038
                                            47.620490
1039
            E2
                    8400.1007 -122.321450
                                            47.614070
                                                          (47.61407, -122.32145)
            K1
                    8100.2032 -122.334770
                                            47.607285
                                                         (47.607285, -122.33477)
1040
                                                         (47.684853, -122.28526)
1041
            UЗ
                    2400.2005 -122.285260
                                            47.684853
1043
            F1
                   10701.2011 -122.362150
                                            47.535515
                                                         (47.535515, -122.36215)
```

	Initial Type Description
0	FIGHT - IP - PHYSICAL (NO WEAPONS)
1	PARKING VIOLATION (EXCEPT ABANDONED CAR)
2	TRAFFIC - MOVING VIOLATION
3	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
4	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
5	LIQUOR VIOLATIONS - ADULT
6	TRESPASS
7	ALARM - RESIDENTIAL - BURGLARY, SILENT/AUDIBLE
9	THEFT (DOES NOT INCLUDE SHOPLIFT OR SVCS)
10	DISTURBANCE, MISCELLANEOUS/OTHER
11	UNKNOWN - COMPLAINT OF UNKNOWN NATURE
12	TRAFFIC STOP - OFFICER INITIATED ONVIEW
13	TRESPASS
14	DISTURBANCE, MISCELLANEOUS/OTHER
15	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
17	NOISE - DISTURBANCE (PARTY, ETC)
18	DETOX - REQUEST FOR
19	MISSING - CHILD
20	WEAPN - GUN, DEADLY WPN (NO THRTS/ASLT/DIST)
21	MOTOR VEHICLE COLLISION, BLOCKING
22	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
23	HAZ - POTENTIAL THRT TO PHYS SAFETY (NO HAZMAT)
28	PARKING VIOLATION (EXCEPT ABANDONED CAR)
29	TRESPASS
32	FRAUD - FORGERY, BUNCO, SCAMS, ID THEFT, ETC
34	TRAFFIC - MOVING VIOLATION
35	TRESPASS
36	HARBOR - WATER DEBRIS, NAVIGATIONAL HAZARDS
37 38	TRESPASS  DIGTURDANCE MIGGELLANEOUS (OTHER
	DISTURBANCE, MISCELLANEOUS/OTHER
999	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1000	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1001	SHOPLIFT - THEFT
1002	TRU - FORGERY/CHKS/BUNCO/SCAMS/ID THEFT
1003	TRU- MOTOR VEHICLE COLLISION, HIT AND RUN AFTE
1004	TRU - THEFT
1005	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1006	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1007	DISTURBANCE, MISCELLANEOUS/OTHER
1008	DISTURBANCE, MISCELLANEOUS/OTHER
1011	TRESPASS
1013	FIGHT - IP - PHYSICAL (NO WEAPONS)
1014	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
1016	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
1017	TRAFFIC STOP - OFFICER INITIATED ONVIEW
1018	TRU- MOTOR VEHICLE COLLISION, HIT AND RUN AFTE

\

1019	PARKING VIOLATION (EXCEPT ABA	ANDONED CAR)
1024		TRU - THEFT
1027	ALARM - COMM, HOLD-UP/PANIC (EX	(CEPT BANKS)
1028	PARKING VIOLATION (EXCEPT ABA	ANDONED CAR)
1029		TRESPASS
1030	PARKING VIOLATION (EXCEPT ABA	
1035	SUSPICIOUS STOP - OFFICER INITI	
1036	SUSPICIOUS PERSON, VEHICLE	
1037		JTO RECOVERY
1038 1039	SUSPICIOUS STOP - OFFICER INITI	
1039	FIGHT - IP - PHYSICAL ( PARKING VIOLATION (EXCEPT ABA	
1040	PARKING VIOLATION (EXCEPT ABA	
1041	SUSPICIOUS PERSON, VEHICLE	
1043	SOSI ICIOOS I ERSON, VERITCEE	OIL INCIDENT
	Initial Type Subgroup	Initial Type Group \
0	DISTURBANCES	DISTURBANCES
1	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
2	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
3	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
4	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
5	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
6	TRESPASS	TRESPASS
7	ALACAD	SUSPICIOUS CIRCUMSTANCES
9	OTHER PROPERTY	THEFT
10	DISTURBANCES	DISTURBANCES
11	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
12	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
13	TRESPASS	TRESPASS
14	DISTURBANCES	DISTURBANCES
15	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
17	DISTURBANCES	DISTURBANCES
18	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
19	PERSONS - LOST, FOUND, MISSING	PERSONS - LOST, FOUND, MISSING
20	WEAPONS CALLS	WEAPONS CALLS
21	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
22	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
23	HAZARDS	HAZARDS
28	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
29	TRESPASS	TRESPASS
32	FRAUD CALLS	FRAUD CALLS
34	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
35	TRESPASS	TRESPASS
36	HARBOR CALLS	HARBOR CALLS
37	TRESPASS	TRESPASS
38	DISTURBANCES	DISTURBANCES
	TRAFFIC DELATED CALLS	DADKING WICH ATTOWN
999	TRAFFIC RELATED CALLS	PARKING VIOLATIONS

4000	MD ARRIG DRI AMED GALLG	DADIZING UTOLABIONG
1000	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1001	SHOPLIFTING	THEFT
1002	FRAUD CALLS	FRAUD CALLS
1003	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1004	OTHER PROPERTY	THEFT
1005	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1006	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1007	DISTURBANCES	DISTURBANCES
1008	DISTURBANCES	DISTURBANCES
1011	TRESPASS	TRESPASS
1013	DISTURBANCES	DISTURBANCES
1014	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1016	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1017	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
1018	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1019	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1024	OTHER PROPERTY	THEFT
1027	ALACAD	SUSPICIOUS CIRCUMSTANCES
1028	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1029	TRESPASS	TRESPASS
1030	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1035	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1036	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1037	AUTO THEFTS	AUTO RECOVERIES
1038	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1039	DISTURBANCES	DISTURBANCES
1040	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1041	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1043	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
	A+ C Time OFFICERS AT COUNT	

	At	Scene	Time	OFFICERS_AT_SCENE
0			${\tt NaT}$	2
1			${\tt NaT}$	2
2			${\tt NaT}$	0
3			${\tt NaT}$	2
4			${\tt NaT}$	1
5			${\tt NaT}$	2
6			${\tt NaT}$	3
7			${\tt NaT}$	1
9			${\tt NaT}$	1
10			${\tt NaT}$	3
11			${\tt NaT}$	2
12			${\tt NaT}$	0
13			${\tt NaT}$	3
14			${\tt NaT}$	3
15			${\tt NaT}$	3
17			${\tt NaT}$	4
18			${\tt NaT}$	0

19 20 21 22 23 28 29 32 34 35 36 37 38	NaT	2 3 1 1 2 0 2 2 2 2 1 3 1 3
999	NaT	2
1000	NaT	3
1001	NaT	1
1002	NaT	3
1003	NaT NaT	2
1004 1005	NaT	2 4
1005	NaT	1
1007	NaT	4
1008	NaT	1
1011	NaT	1
1013	NaT	1
1014	NaT	1
1016	NaT	1
1017	NaT	0
1018	NaT	1
1019	NaT	1
1024	NaT	0
1027	NaT	3
1028	NaT	1
1029	NaT	1
1030	NaT	1
1035 1036	NaT	2
1036	NaT NaT	2 3
1037	NaT	3
1038	NaT	3
1040	NaT	4
1041	NaT	1
1043	NaT	2

[646 rows x 20 columns]

In [7]: #This equation takes NaN At Scene Time Values, divided by total observations, in order

```
#Null values that the feature contains 646/1046
```

Out[7]: 0.6175908221797323

At Scene Time contains 646 rows of NaN values. This is over 62% of the data set, indicating the feature should be removed.

```
In [8]: #The info() feature showed one Null value in the Census Tract Feature. This code explo
       df[df['Census Tract'].isnull()]
Out[8]:
             CAD CDW ID CAD Event Number General Offense Number \
        224
               1702543
                             16000105361
                                                      2016105361
            Event Clearance Code Event Clearance Description \
                             460 TRAFFIC (MOVING) VIOLATION
        224
           Event Clearance SubGroup Event Clearance Group Event Clearance Date \
              TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS 2016-03-26 23:39:00
        224
                 Hundred Block Location District/Sector Zone/Beat
                                                                  Census Tract
            S KENYON ST / KENYON ON RP
                                                   NaN
                                                              FS
                                                                           NaN
             Longitude Latitude
                                        Incident Location \
        224 -122.334335 47.53204 (47.53204, -122.334335)
                           Initial Type Description Initial Type Subgroup \
            TRAFFIC STOP - OFFICER INITIATED ONVIEW
                                                    TRAFFIC RELATED CALLS
               Initial Type Group At Scene Time OFFICERS_AT_SCENE
        224
           TRAFFIC RELATED CALLS
                                            NaT
                                                                 1
```

The above observation has many NaN values and the Zone/Beat information value does not match the format of any other entries. This observation should therefore be removed due to the chance of input error skewing results.

```
In [9]: df.describe()
Out [9]:
                 CAD CDW ID CAD Event Number General Offense Number
        count 1.046000e+03
                                  1.046000e+03
                                                           1.046000e+03
                                                           2.016106e+09
               1.702849e+06
                                  1.600011e+10
        mean
               3.084839e+02
                                  5.299296e+02
                                                           5.299296e+02
        std
        min
               1.702311e+06
                                  1.600010e+10
                                                           2.016105e+09
        25%
               1.702584e+06
                                  1.600011e+10
                                                           2.016105e+09
        50%
               1.702850e+06
                                  1.600011e+10
                                                           2.016106e+09
        75%
               1.703117e+06
                                  1.600011e+10
                                                           2.016106e+09
               1.703382e+06
                                  1.600011e+10
                                                           2.016107e+09
        max
```

	Event Clearance Code	Census Tract	Longitude	Latitude	\
count	1046.000000	1045.000000	1046.000000	1046.000000	
mean	251.477055	7032.281362	-122.332415	47.620956	
std	130.859335	3007.366113	0.029592	0.050883	
min	30.000000	100.200200	-122.419030	47.503387	
25%	172.250000	5100.202600	-122.347785	47.598301	
50%	245.000000	7900.400000	-122.332835	47.614090	
75%	289.500000	9200.202800	-122.315780	47.661684	
max	470.000000	12100.201300	-122.249120	47.734050	
	OFFICERS_AT_SCENE				
count	1046.000000				
mean	1.889101				
std	1.189723				
min	0.00000				
25%	1.000000				
50%	2.000000				
75%	3.000000				
max	4.000000				

## The Census Tract feature max and 75% numbers seem extrordinarily high

#### 1.1.1 Issues to be Fixed:

- From initial inspection, some features carry redundant information: Longitude, Latitude, Incident Location, Hundred Block Location; District/Sector and Zone/Beat
- Additionally, At Scene Time is missing many values
- For consistency's sake, the OFFICERS\_AT\_SCENE feature should be altered in style to match the others
- Zone/Beats, Incident Type Group, Incident Type Subgroup, District/Sector, Event Clearance Group, Event Clearance Subgroup, Event Clearance Code should be changed into categories instead of a Strings/int64
- CAD CDW ID, CAD Event Number, General Offense Number should be changed to strings instead of int64
- The Census Tract feature max and 75% numbers seem extrordinarily high
- Remove NaN census observation

## 2 II. Clean the Data

#### Problem 1:

• From initial inspection, some features carry redundant information: longitude, Latitude, Incident Location, Hundred Block Location; District/Sector and Zone/Beat

```
# First create a copy of the dataframe to facilitate reproducibility
         df_copy = df.copy()
         # Drop the Incident Location feature
         df_copy = df_copy.drop(['Incident Location'], axis=1)
         # Drop the Hundred Block Location feature
         df copy = df copy.drop(['Hundred Block Location'], axis=1)
         # Drop the District/Sector feature
         #df_copy = df_copy.drop(['District/Sector'], axis=1)
  • Test:
In [11]: df_copy.head()
            CAD CDW ID CAD Event Number General Offense Number Event Clearance Code
Out[11]:
               1702311
                             16000104983
                                                       2016104983
                                                                                    242
         0
               1702312
                                                                                    470
         1
                             16000104976
                                                       2016104976
         2
               1702316
                             16000104995
                                                       2016104995
                                                                                    460
         3
               1702317
                             16000104994
                                                       2016104994
                                                                                    280
               1702318
                             16000104993
                                                       2016104993
                                                                                    281
                              Event Clearance Description Event Clearance SubGroup
         0
                                        FIGHT DISTURBANCE
                                                                        DISTURBANCES
            PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
                                                                  PARKING VIOLATIONS
         2
                               TRAFFIC (MOVING) VIOLATION
                                                               TRAFFIC RELATED CALLS
         3
                                        SUSPICIOUS PERSON
                                                            SUSPICIOUS CIRCUMSTANCES
         4
                                       SUSPICIOUS VEHICLE
                                                           SUSPICIOUS CIRCUMSTANCES
               Event Clearance Group Event Clearance Date District/Sector Zone/Beat
                                                                                  R3
         0
                        DISTURBANCES 2016-03-26 17:17:00
                                                                         R.
               TRAFFIC RELATED CALLS
                                                                         G
                                                                                  G2
         1
                                      2016-03-26 17:15:00
         2
               TRAFFIC RELATED CALLS 2016-03-26 17:19:00
                                                                         0
                                                                                  01
           SUSPICIOUS CIRCUMSTANCES
                                      2016-03-26 17:26:00
                                                                         Q
                                                                                  Q1
            SUSPICIOUS CIRCUMSTANCES
                                      2016-03-26 17:19:00
                                                                         G
                                                                                  G2
            Census Tract
                                       Latitude
                           Longitude
         0
              10100.2019 -122.284904
                                      47.561256
         1
               8800.3002 -122.294930 47.604195
         2
               9300.3060 -122.335240 47.571580
         3
               5600.4030 -122.402370
                                      47.640358
         4
               8800.3008 -122.301090 47.604320
                            Initial Type Description
                                                          Initial Type Subgroup \
         0
                  FIGHT - IP - PHYSICAL (NO WEAPONS)
                                                                   DISTURBANCES
         1 PARKING VIOLATION (EXCEPT ABANDONED CAR)
                                                          TRAFFIC RELATED CALLS
```

2	TRAFFIC - MOVI	NG VIOLATION	TRAFFIC RELATED CALLS
3	SUSPICIOUS PERSON, VEHICLE	OR INCIDENT	SUSPICIOUS CIRCUMSTANCES
4	SUSPICIOUS PERSON, VEHICLE	OR INCIDENT	SUSPICIOUS CIRCUMSTANCES
	Initial Type Group At	Scene Time O	FFICERS_AT_SCENE
0	DISTURBANCES	NaT	2
1	PARKING VIOLATIONS	NaT	2
2	PARKING VIOLATIONS	NaT	0
3	SUSPICIOUS CIRCUMSTANCES	NaT	2
4	SUSPICIOUS CIRCUMSTANCES	NaT	1

### Problem 2:

1

8800.3002 -122.294930

- Additionally, At Scene Time is missing many values
- As Chapter 7 indicated, the proper approach for features missing extensive values is to either fill in the missing values, use a data mining feature capable of handling missing values, or to discard the feature entirely. In this case, the feature is missing 61.76% of the values, so the method I decided was most appropriate was to discard the feature

```
In [12]: df_copy = df_copy.drop(['At Scene Time'], axis=1)
   • Test:
In [13]: df_copy.head()
Out[13]:
            CAD CDW ID
                                            General Offense Number
                                                                     Event Clearance Code
                         CAD Event Number
         0
               1702311
                              16000104983
                                                        2016104983
                                                                                       242
         1
               1702312
                              16000104976
                                                                                       470
                                                        2016104976
         2
               1702316
                              16000104995
                                                        2016104995
                                                                                       460
         3
               1702317
                              16000104994
                                                        2016104994
                                                                                       280
               1702318
                              16000104993
                                                        2016104993
                                                                                       281
                               Event Clearance Description
                                                             Event Clearance SubGroup
         0
                                         FIGHT DISTURBANCE
                                                                          DISTURBANCES
         1
            PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
                                                                    PARKING VIOLATIONS
         2
                                TRAFFIC (MOVING) VIOLATION
                                                                 TRAFFIC RELATED CALLS
         3
                                         SUSPICIOUS PERSON
                                                              SUSPICIOUS CIRCUMSTANCES
         4
                                         SUSPICIOUS VEHICLE
                                                              SUSPICIOUS CIRCUMSTANCES
               Event Clearance Group Event Clearance Date District/Sector Zone/Beat
         0
                         DISTURBANCES
                                       2016-03-26 17:17:00
                                                                           R.
                                                                                     R3
         1
               TRAFFIC RELATED CALLS
                                                                           G
                                                                                     G2
                                       2016-03-26 17:15:00
         2
               TRAFFIC RELATED CALLS
                                       2016-03-26 17:19:00
                                                                           0
                                                                                     01
         3
            SUSPICIOUS CIRCUMSTANCES
                                        2016-03-26 17:26:00
                                                                           Q
                                                                                     Q1
                                                                           G
            SUSPICIOUS CIRCUMSTANCES
                                        2016-03-26 17:19:00
                                                                                     G2
            Census Tract
                            Longitude
                                        Latitude
              10100.2019 -122.284904
         0
                                       47.561256
```

47.604195

```
2
      9300.3060 -122.335240 47.571580
3
      5600.4030 -122.402370 47.640358
      8800.3008 -122.301090 47.604320
                   Initial Type Description
                                                Initial Type Subgroup \
         FIGHT - IP - PHYSICAL (NO WEAPONS)
                                                         DISTURBANCES
0
  PARKING VIOLATION (EXCEPT ABANDONED CAR)
1
                                                TRAFFIC RELATED CALLS
                                                TRAFFIC RELATED CALLS
                 TRAFFIC - MOVING VIOLATION
2
3
     SUSPICIOUS PERSON, VEHICLE OR INCIDENT SUSPICIOUS CIRCUMSTANCES
     SUSPICIOUS PERSON, VEHICLE OR INCIDENT SUSPICIOUS CIRCUMSTANCES
4
         Initial Type Group OFFICERS_AT_SCENE
               DISTURBANCES
0
                                             2
         PARKING VIOLATIONS
1
         PARKING VIOLATIONS
                                             0
3 SUSPICIOUS CIRCUMSTANCES
                                             2
4 SUSPICIOUS CIRCUMSTANCES
                                             1
```

#### Problem 3:

• For consistency's sake, the OFFICERS\_AT\_SCENE feature should be altered in style to match the others

```
In [14]: # Here I use the rename function to match the style

df_copy = df_copy.rename(index=str, columns={"OFFICERS_AT_SCENE": "Officers at Scene".")
```

## Problem 4:

 Zone/Beat, Incident Type Group, Incident Type Subgroup, Event Clearance Group, Event Clearance Subgroup, Event Clearance Code should be changed into categories instead of a Strings/int64

```
In [15]: # Change Zone/Beat feature to category

df_copy['Zone/Beat'] = df_copy['Zone/Beat'].astype('category')

# Change Incident Type Group to category

df_copy['Initial Type Group'] = df_copy['Initial Type Group'].astype('category')

# Change Incident Type Subgroup to category

df_copy['Initial Type Subgroup'] = df_copy['Initial Type Subgroup'].astype('category')

# Change Event Clearance Code to category

df_copy['Event Clearance Code'] = df_copy['Event Clearance Code'].astype('category')
```

```
# Change Event Clearance Group to category
         df_copy['Event Clearance Group'] = df_copy['Event Clearance Group'].astype('category')
         # Change Event Clearance Subgroup to category
         df_copy['Event Clearance SubGroup'] = df_copy['Event Clearance SubGroup'].astype('cate
  • Test:
In [16]: df_copy.info()
<class 'pandas.core.frame.DataFrame'>
Index: 1046 entries, 0 to 1045
Data columns (total 17 columns):
CAD CDW TD
                               1046 non-null int64
CAD Event Number
                               1046 non-null int64
General Offense Number
                              1046 non-null int64
Event Clearance Code
                               1046 non-null category
Event Clearance Description
                               1046 non-null object
Event Clearance SubGroup
                               1046 non-null category
Event Clearance Group
                               1046 non-null category
Event Clearance Date
                               1046 non-null datetime64[ns]
District/Sector
                               1045 non-null object
Zone/Beat
                               1046 non-null category
Census Tract
                               1045 non-null float64
                               1046 non-null float64
Longitude
                              1046 non-null float64
Latitude
Initial Type Description
                              1046 non-null object
Initial Type Subgroup
                               1046 non-null category
Initial Type Group
                               1046 non-null category
Officers at Scene
                               1046 non-null int64
dtypes: category(6), datetime64[ns](1), float64(3), int64(4), object(3)
memory usage: 116.1+ KB
```

#### Problem 5:

 CAD CDW ID, CAD Event Number, General Offense Number should be changed to strings instead of int64

```
In [17]: # Change CAD CDW ID to String

df_copy['CAD CDW ID'] = df_copy['CAD CDW ID'].astype('str')

# Change CAD Event Number to String

df_copy['CAD Event Number'] = df_copy['CAD Event Number'].astype('str')
```

```
# Change General Offense Number to String
         df_copy['General Offense Number'] = df_copy['General Offense Number'].astype('str')
  • Test:
In [18]: df_copy.info()
<class 'pandas.core.frame.DataFrame'>
Index: 1046 entries, 0 to 1045
Data columns (total 17 columns):
CAD CDW ID
                               1046 non-null object
CAD Event Number
                               1046 non-null object
                               1046 non-null object
General Offense Number
Event Clearance Code
                               1046 non-null category
                               1046 non-null object
Event Clearance Description
Event Clearance SubGroup
                               1046 non-null category
Event Clearance Group
                               1046 non-null category
Event Clearance Date
                               1046 non-null datetime64[ns]
District/Sector
                               1045 non-null object
Zone/Beat
                               1046 non-null category
Census Tract
                               1045 non-null float64
Longitude
                               1046 non-null float64
Latitude
                               1046 non-null float64
Initial Type Description
                               1046 non-null object
Initial Type Subgroup
                               1046 non-null category
Initial Type Group
                               1046 non-null category
Officers at Scene
                               1046 non-null int64
dtypes: category(6), datetime64[ns](1), float64(3), int64(1), object(6)
memory usage: 116.1+ KB
Problem 6:

    Remove NaN census observation

In [19]: df_copy['Census Tract'] = df_copy['Census Tract'].dropna()
  • Test:
In [20]: df_copy[df_copy['Census Tract'].isnull()]
Out[20]:
             CAD CDW ID CAD Event Number General Offense Number Event Clearance Code \
                1702543
                             16000105361
                                                      2016105361
                                                                                   460
         224
             Event Clearance Description Event Clearance SubGroup \
```

TRAFFIC RELATED CALLS

224 TRAFFIC (MOVING) VIOLATION

Event Clearance Group Event Clearance Date District/Sector Zone/Beat \
224 TRAFFIC RELATED CALLS 2016-03-26 23:39:00 NaN FS

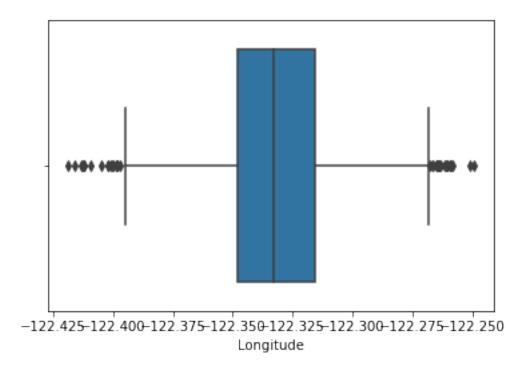
Census Tract Longitude Latitude \
224 NaN -122.334335 47.53204

Initial Type Description Initial Type Subgroup \
224 TRAFFIC STOP - OFFICER INITIATED ONVIEW TRAFFIC RELATED CALLS

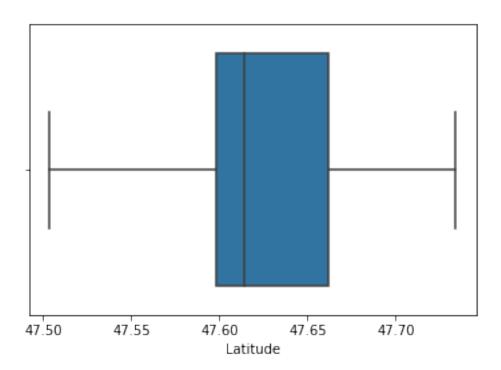
Initial Type Group Officers at Scene
224 TRAFFIC RELATED CALLS 1

### 2.1 II. Find the Outliers

Out[21]: <matplotlib.axes.\_subplots.AxesSubplot at 0x284b4c87f98>



Out[22]: <matplotlib.axes.\_subplots.AxesSubplot at 0x284b4f87d68>



In [23]: #The following code removes the numeric columns from the DataFrame
 integer\_cols = df.select\_dtypes(include=[np.number]).columns

#The following then examines the zscore of the integer columns
z = df[integer\_cols].apply(zscore)

#This code shows the index of zscore values over 2. From our chapter readings, outlies #than 2 standard deviations from the mean.

np.where(z>2)

#This code was inspired by the following resources:

```
Out[23]: (array([
                          7,
                               15,
                                     37,
                                           44,
                                                 50,
                                                      55,
                                                             56,
                                                                   78, 102,
                   5,
                  124,
                        143,
                              158,
                                    163,
                                          190,
                                               195,
                                                     196, 197,
                                                                  198,
                                                                        292,
                                                                              322,
                                                           490,
                  363,
                        387,
                              418,
                                    427,
                                          439,
                                                460,
                                                      464,
                                                                  491,
                                                                        525,
                                                                              532,
                  565,
                        614,
                              620,
                                    631,
                                          653,
                                                654,
                                                      672,
                                                            673,
                                                                  688,
                                                                        772,
                                                                              775,
                                                            904,
                  782,
                        792,
                             793,
                                   807, 816,
                                               860,
                                                      884,
                                                                  907,
                                                                        909,
                       989,
                             999, 1020], dtype=int64),
         array([5, 5, 5, 6, 5, 5, 5, 5, 6, 5, 5, 5, 5, 6, 6, 6, 6, 6, 6, 6, 6, 5,
                 5, 5, 5, 5, 5, 5, 6, 5, 5, 6, 5, 6, 6, 6, 6, 6, 6, 6, 5, 6, 5,
                5, 5, 5, 6, 5, 5, 6, 5, 6, 6, 6, 6, 6, 6, 5], dtype=int64))
```

In [24]: #The following code then removes the indexes of the outliers. Outliers were removed d #forty-four, so removing the outliers would be the most sensible way forward.

Out[25]:	CAD CDW ID CAI	Event Number	General Offense Number	Event Clearance Code \
0	1702311	16000104983	2016104983	242
1	1702312	16000104976	2016104976	470
2	1702316	16000104995	2016104995	460
3	1702317	16000104994	2016104994	280
4	1702318	16000104993	2016104993	281
6	1702321	16000104986	2016104986	245
8	1702323	16000104918	2016104918	245
9	1702324	16000104794	2016104794	65
10	1702325	16000105010	2016105010	245
11	1702326	16000105007	2016105007	280
12	1702327	16000105002	2016105002	460
13	1702328	16000104957	2016104957	280
14	1702329	16000104941	2016104941	245
16	1702331	16000104823	2016104823	52
17	1702332	16000104752	2016104752	250
18	1702333	16000105020	2016105020	177
19	1702334	16000105018	2016105018	363
20	1702335	16000105001	2016105001	245
21	1702336	16000104999	2016104999	430
22	1702337	16000104988	2016104988	280
23	1702338	16000104984	2016104984	280
24	1702339	16000104855	2016104855	186
25	1702340	16000104782	2016104782	245
26	1702341	16000104525	2016104525	372
27	1702342	16000104508	2016104508	63
28	1702343	16000104981	2016104981	470
29	1702344	16000104978	2016104978	161
30	1702345	16000104969	2016104969	74
31	1702346	16000104932	2016104932	430

32	1702347	16000104898	2016104898		280
	4700054				
1015	1703351	16000106605	2016106605		281
1016	1703352	16000106578	2016106578		280
1017	1703354	16000106662	2016106662		460
1018	1703355	16000106656	2016106656		430
1019	1703356	16000106623	2016106623		470
1021	1703358	16000106577	2016106577		71
1022	1703359	16000106499	2016106499		330
1023	1703360	16000106660	2016106660		371
1024	1703361	16000106650	2016106650		63
1025	1703362	16000106529	2016106529		430
1026	1703363	16000106461	2016106461		460
1027	1703364	16000106679	2016106679		202
1028	1703365	16000106675	2016106675		470
1029	1703366	16000106668	2016106668		245
1030	1703367	16000106664	2016106664		470
1031	1703368	16000106659	2016106659		63
1032	1703369	16000106644	2016106644		245
1033	1703370	16000106571	2016106571		245
1034	1703371	16000106458	2016106458		52
1035			2016106727		280
	1703372	16000106727			
1036	1703373	16000106693	2016106693		281
1037	1703374	16000106688	2016106688		73
1038	1703375	16000106738	2016106738		250
1039	1703376	16000106719	2016106719		245
1040	1703377	16000106692	2016106692		470
1041	1703378	16000106655	2016106655		470
1042	1703379	16000106592	2016106592		470
1043	1703380	16000106728	2016106728		280
1044	1703381	16000106612	2016106612		460
1045	1703382	16000106547	2016106547		430
1040	1700002	10000100041	2010100047		400
				ī	
		Event C	learance Description	\	
0			FIGHT DISTURBANCE		
1	PARKING	VIOLATION (EXCEPT	ABANDONED VEHICLES)		
2		TRAFFI	C (MOVING) VIOLATION		
3			SUSPICIOUS PERSON		
4			SUSPICIOUS VEHICLE		
6			DISTURBANCE, OTHER		
8			DISTURBANCE, OTHER		
9		Т	HEFT - MISCELLANEOUS		
10			DISTURBANCE, OTHER		
11			SUSPICIOUS PERSON		
		mp + ===			
12		TRAFFI	C (MOVING) VIOLATION		
13			SUSPICIOUS PERSON		
14			DISTURBANCE, OTHER		
4.0		_	TID OT A DIV. OCUMED OT A T		

BURGLARY - COMMERCIAL

17	MISCHIEF, NUISANCE COMPLAINTS		
18	LIQUOR VIOLATION - INTOXICATED PERSON		
19	MISSING PERSON		
20	DISTURBANCE, OTHER		
	•		
21	MOTOR VEHICLE COLLISION		
22	SUSPICIOUS PERSON		
23	SUSPICIOUS PERSON		
24	NARCOTICS, DRUG TRAFFIC LOITERING		
25	DISTURBANCE, OTHER		
26	PROPERTY - FOUND (FOLLOW UP TO SPD CASE)		
27	THEFT - CAR PROWL		
28	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)		
29	TRESPASS		
30	LICENSE PLATE THEFT OR LOSS		
31	MOTOR VEHICLE COLLISION		
32	SUSPICIOUS PERSON		
	BOBI TOTOOD T LIGHTIN		
4045			
1015	SUSPICIOUS VEHICLE		
1016	SUSPICIOUS PERSON		
1017	TRAFFIC (MOVING) VIOLATION		
1018	MOTOR VEHICLE COLLISION		
1019	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)		
1021	AUTO THEFT		
1021	CASUALTY (NON CRIMINAL/TRAFFIC) - MAN DOWN, SI		
IUZZ	CASUALII (NUN CRIMINAL/IRAFFIC) - MAN DUWN, SI		
1000			
1023	PROPERTY - MISSING		
1024	PROPERTY - MISSING THEFT - CAR PROWL		
	PROPERTY - MISSING		
1024	PROPERTY - MISSING THEFT - CAR PROWL		
1024 1025	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION		
1024 1025 1026	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE)		
1024 1025 1026 1027 1028	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)		
1024 1025 1026 1027 1028 1029	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER		
1024 1025 1026 1027 1028 1029 1030	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)		
1024 1025 1026 1027 1028 1029 1030 1031	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL		
1024 1025 1026 1027 1028 1029 1030	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER		
1024 1025 1026 1027 1028 1029 1030 1031	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL		
1024 1025 1026 1027 1028 1029 1030 1031 1032	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE AUTO RECOVERY		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE AUTO RECOVERY MISCHIEF, NUISANCE COMPLAINTS		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE AUTO RECOVERY MISCHIEF, NUISANCE COMPLAINTS DISTURBANCE, OTHER		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE AUTO RECOVERY MISCHIEF, NUISANCE COMPLAINTS		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE AUTO RECOVERY MISCHIEF, NUISANCE COMPLAINTS DISTURBANCE, OTHER		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE AUTO RECOVERY MISCHIEF, NUISANCE COMPLAINTS DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE AUTO RECOVERY MISCHIEF, NUISANCE COMPLAINTS DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE AUTO RECOVERY MISCHIEF, NUISANCE COMPLAINTS DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) SUSPICIOUS PERSON		
1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042	PROPERTY - MISSING THEFT - CAR PROWL MOTOR VEHICLE COLLISION TRAFFIC (MOVING) VIOLATION ALACAD - COMMERCIAL PANIC (FALSE) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) THEFT - CAR PROWL DISTURBANCE, OTHER DISTURBANCE, OTHER BURGLARY - COMMERCIAL SUSPICIOUS PERSON SUSPICIOUS VEHICLE AUTO RECOVERY MISCHIEF, NUISANCE COMPLAINTS DISTURBANCE, OTHER PARKING VIOLATION (EXCEPT ABANDONED VEHICLES) PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)		

	Event Clearance SubCroup	Event Clearance Crown
0	Event Clearance SubGroup DISTURBANCES	Event Clearance Group DISTURBANCES
1	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
2	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
3	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
4	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
6	DISTURBANCES	DISTURBANCES
8	DISTURBANCES	DISTURBANCES
9	THEFT	OTHER PROPERTY
10	DISTURBANCES	DISTURBANCES
11	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
12	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
13	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
14	DISTURBANCES	DISTURBANCES
16	COMMERCIAL BURGLARIES	BURGLARY
17	NUISANCE, MISCHIEF COMPLAINTS	NUISANCE, MISCHIEF
18	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
19	PERSONS - LOST, FOUND, MISSING	PERSONS - LOST, FOUND, MISSING
20	DISTURBANCES	PERSONS - LOSI, FOUND, MISSING DISTURBANCES
20	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
21	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
23	SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES
23 24	NARCOTICS COMPLAINTS	NARCOTICS COMPLAINTS
2 <del>4</del> 25	NARCUTICS CUMPLAINTS DISTURBANCES	NARCUTICS COMPLAINTS DISTURBANCES
26	PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND
27	CAR PROWL	CAR PROWL
28	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
29	TRESPASS	TRESPASS
30	CAR PROWL	CAR PROWL
31	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
32	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
	BOBI TOTOOD OTHOOTISTANOLD	BOBI TOTOGO CINCONSTANOLD
1015	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1016	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1017	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
1018		MOTOR VEHICLE COLLISION INVESTIGATION
1019	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
1021	AUTO THEFTS	AUTO THEFTS
1022	CASUALTIES	PERSON DOWN/INJURY
1023	PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND
1024	CAR PROWL	CAR PROWL
1025	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
1026	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
1027	PANIC ALACAD (FALSE)	FALSE ALACAD
1028	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
1029	DISTURBANCES	DISTURBANCES
1030	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
1031	CAR PROWL	CAR PROWL

\

1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043	DISTURBANCES DISTURBANCES COMMERCIAL BURGLARIES SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES AUTO RECOVERIES NUISANCE, MISCHIEF COMPLAINTS DISTURBANCES PARKING VIOLATIONS PARKING VIOLATIONS PARKING VIOLATIONS SUSPICIOUS CIRCUMSTANCES		S	DISTURBANCES DISTURBANCES BURGLARY SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES AUTO THEFTS NUISANCE, MISCHIEF DISTURBANCES TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS SUSPICIOUS CIRCUMSTANCES	
1044 1045	TRAFFIC RELATED CALLS TRAFFIC RELATED CALLS	MOTOR	VEHICLE	TRAFFIC RELATED CALLS COLLISION INVESTIGATION	
0 1 2	Event Clearance Date District/Se 2016-03-26 17:17:00 2016-03-26 17:15:00 2016-03-26 17:19:00	R G O	R3 G2 O1	Census Tract Longitude 10100.2019 -122.284904 8800.3002 -122.294930 9300.3060 -122.335240	•
3 4	2016-03-26 17:26:00 2016-03-26 17:19:00	Q G	Q1 G2	5600.4030 -122.402370 8800.3008 -122.301090	
6	2016-03-26 17:18:00	R	R2	10001.1002 -122.299160	
8	2016-03-26 17:18:00	0	01	9300.3019 -122.329056	
9	2016-03-26 17:14:00	C	C1	6500.3017 -122.314590	
10	2016-03-26 17:36:00	K	K3	9200.2028 -122.330810	
11 12	2016-03-26 17:31:00 2016-03-26 17:29:00	R E	R3 E2	10300.2004 -122.275380 7500.4006 -122.316830	
13	2016-03-26 17:29:00	0	02	9300.3167 -122.328960	
14	2016-03-26 17:30:00	J	J3	2900.1000 -122.355300	
16	2016-03-26 17:32:00	R	R2	10100.3009 -122.292040	
17	2016-03-26 17:30:00	R	R3	10200.4025 -122.274760	
18	2016-03-26 17:39:00	0	01	9300.3014 -122.329990	
19	2016-03-26 17:37:00	W	W2	10600.6004 -122.391174	
20	2016-03-26 17:40:00	M	M2	8200.1010 -122.332245	
21	2016-03-26 17:39:00	H	НЗ	9900.2019 -122.362870	
22	2016-03-26 17:30:00	J	J3	2900.2003 -122.355300	
23	2016-03-26 17:40:00	0	01	9300.1047 -122.321396	
24 25	2016-03-26 17:31:00 2016-03-26 17:38:00	B D	B1 D2	3300.3013 -122.378880 7200.2001 -122.341370	
26	2016-03-26 17:38:00	В	B3	5100.2026 -122.329040	
27	2016-03-26 17:33:00	Q	Q3	7000.6008 -122.357960	
28	2016-03-26 17:43:00	E E	E1	7500.5004 -122.320880	
29	2016-03-26 17:43:00	G	G1	9100.1002 -122.318430	
30	2016-03-26 17:47:00	U	U3	4200.4006 -122.290260	
31	2016-03-26 17:42:00	U	U2	5301.2006 -122.317420	
32	2016-03-26 17:52:00	M	M1	8100.1015 -122.340870	
 1015	2016-03-28 10:04:00	L	 L3	700.2016 -122.297810	

```
S
1017
      2016-03-28 10:10:00
                                                   S1
                                                         11001.1006 -122.286865
1018
      2016-03-28 10:18:00
                                         R
                                                   R.1
                                                         10401.2012 -122.301735
1019
      2016-03-28 10:15:00
                                          J
                                                   J2
                                                          3300.1009 -122.375130
                                         F
1021
      2016-03-28 10:12:00
                                                   F1
                                                         10701.2020 -122.369804
1022
      2016-03-28 10:10:00
                                         Ε
                                                          7402.1009 -122.322860
                                                   E1
1023
      2016-03-28 10:25:00
                                         D
                                                   D2
                                                          7300.3022 -122.336170
1024
      2016-03-28 10:29:00
                                          J
                                                   J3
                                                          3600.4000 -122.322390
1025
                                                          1701.3002 -122.355450
      2016-03-28 10:26:00
                                         N
                                                   Ν1
1026
      2016-03-28 10:28:00
                                         В
                                                   B1
                                                          4700.4015 -122.378900
1027
                                         0
                                                   02
                                                         10900.2012 -122.337830
      2016-03-28 10:39:00
                                         Ε
1028
      2016-03-28 10:34:00
                                                   E3
                                                          8300.1003 -122.326904
1029
      2016-03-28 10:31:00
                                         В
                                                   ВЗ
                                                          5000.3000 -122.342130
1030
                                         В
      2016-03-28 10:39:00
                                                   В3
                                                          5200.4010 -122.326164
1031
      2016-03-28 10:37:00
                                         Η
                                                   НЗ
                                                          8100.1016 -122.341750
1032
      2016-03-28 10:47:00
                                                          8002.1001 -122.342400
                                         М
                                                   M1
1033
      2016-03-28 10:37:00
                                          0
                                                   01
                                                          9300.3017 -122.333270
1034
      2016-03-28 10:37:00
                                         В
                                                   ВЗ
                                                          5200.3032 -122.325710
1035
      2016-03-28 10:55:00
                                         U
                                                   U2
                                                          5200.3001 -122.322450
1036
      2016-03-28 10:45:00
                                         Η
                                                   H1
                                                          9800.2010 -122.381370
1037
      2016-03-28 10:47:00
                                         S
                                                   S1
                                                         11700.4001 -122.279830
                                         Ε
1038
      2016-03-28 11:00:00
                                                   E1
                                                          7402.1000 -122.320885
1039
      2016-03-28 10:55:00
                                         Ε
                                                   E2
                                                          8400.1007 -122.321450
1040
      2016-03-28 10:55:00
                                         K
                                                          8100.2032 -122.334770
                                                   K1
1041
      2016-03-28 10:53:00
                                         IJ
                                                   UЗ
                                                          2400.2005 -122.285260
1042
                                         В
      2016-03-28 10:55:00
                                                   B2
                                                          4700.2031 -122.370766
                                         F
                                                   F1
                                                         10701.2011 -122.362150
1043
      2016-03-28 11:03:00
                                         S
1044
      2016-03-28 11:03:00
                                                   S2
                                                         11800.5001 -122.276940
      2016-03-28 11:03:00
                                          0
                                                   01
                                                          9300.1047 -122.321396
1045
       Latitude
                                            Initial Type Description
                                 FIGHT - IP - PHYSICAL (NO WEAPONS)
0
      47.561256
1
      47.604195
                           PARKING VIOLATION (EXCEPT ABANDONED CAR)
2
                                         TRAFFIC - MOVING VIOLATION
      47.571580
3
      47.640358
                             SUSPICIOUS PERSON, VEHICLE OR INCIDENT
                             SUSPICIOUS PERSON, VEHICLE OR INCIDENT
4
      47.604320
6
      47.579674
                                                            TRESPASS
      47.579807
                          HARAS - NO BIAS, THREATS OR MALICIOUSNESS
8
9
                          THEFT (DOES NOT INCLUDE SHOPLIFT OR SVCS)
      47.627274
                                   DISTURBANCE, MISCELLANEOUS/OTHER
10
      47.600464
11
                              UNKNOWN - COMPLAINT OF UNKNOWN NATURE
      47.551910
                            TRAFFIC STOP - OFFICER INITIATED ONVIEW
12
      47.614105
13
      47.555634
                                                            TRESPASS
                                   DISTURBANCE, MISCELLANEOUS/OTHER
14
      47.689835
16
      47.560780
                        BIAS -RACIAL, POLITICAL, SEXUAL MOTIVATION
17
      47.551910
                                   NOISE - DISTURBANCE (PARTY, ETC)
18
      47.579807
                                                 DETOX - REQUEST FOR
19
      47.549450
                                                     MISSING - CHILD
```

С

C2

7700.2006 -122.301160

1016

2016-03-28 10:16:00

20	47.612072	WEAPN - GUN, DEADLY WPN (NO THRTS/ASLT/DIST)
21	47.561085	MOTOR VEHICLE COLLISION, BLOCKING
22	47.684746	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
23	47.586205	HAZ - POTENTIAL THRT TO PHYS SAFETY (NO HAZMAT)
24	47.673820	NARCOTICS - VIOLATIONS (LOITER, USE, SELL, NARS)
25	47.618546	WEAPN-IP/JO-GUN, DEADLY WPN (NO THRT/ASLT/DIST)
26	47.656120	PROPERTY - FOUND
27	47.628220	SECONDARY - THEFT (NOT SHOPLIFT OR SERVICES)
28	47.619904	PARKING VIOLATION (EXCEPT ABANDONED CAR)
29	47.599186	TRESPASS
30	47.674885	AUTO - THEFT/LOSS, PLATES AND/OR TAB
31	47.663116	MOTOR VEHICLE COLLISION, REPORT ONLY - NON INJ
32	47.606407	FRAUD - FORGERY, BUNCO, SCAMS, ID THEFT, ETC
1015	47.714912	ILLEGAL DUMPING
1016	47.623520	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
1017	47.537300	TRAFFIC STOP - OFFICER INITIATED ONVIEW
1018	47.555080	TRU- MOTOR VEHICLE COLLISION, HIT AND RUN AFTE
1019	47.678673	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1021	47.536453	AUTO THEFT - VEH THEFT OR THEFT AND RECOVERY
1022	47.618730	TRESPASS
1023	47.616055	PROPERTY, LOST OR MISSING
1024	47.679140	TRU - THEFT
1025	47.705082	MOTOR VEHICLE COLLISION, REPORT ONLY - NON INJ
1026	47.662937	TRAFFIC STOP - OFFICER INITIATED ONVIEW
1027	47.554977	ALARM - COMM, HOLD-UP/PANIC (EXCEPT BANKS)
1028	47.609585	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1029	47.661755	TRESPASS
1030	47.662260	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1031	47.607258	TRU - THEFT
1032	47.612118	DISTURBANCE, MISCELLANEOUS/OTHER
1033	47.585040	THREATS (INCLS IN-PERSON/BY PHONE/IN WRITING)
1034	47.654335	BURG - COMM BURGLARY (INCLUDES SCHOOLS)
1035	47.656002	SUSPICIOUS STOP - OFFICER INITIATED ONVIEW
1036	47.575596	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
1037	47.518880	AUTO RECOVERY
1038	47.620490	SUSPICIOUS STOP - OFFICER INITIATED ONVIEW
1039	47.614070	FIGHT - IP - PHYSICAL (NO WEAPONS)
1040	47.607285	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1041	47.684853	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1042	47.665043	PARKING VIOLATION (EXCEPT ABANDONED CAR)
	47.535515	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
1044	47.526115	MOTOR VEHICLE COLLISION WITH INJURIES - PRIORI
1045	47.586205	MOTOR VEHICLE COLLISION, BLOCKING

Initial Type Subgroup DISTURBANCES

TRAFFIC RELATED CALLS

0

Initial Type Group \
DISTURBANCES

PARKING VIOLATIONS

2	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
3	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
4	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
6	TRESPASS	TRESPASS
8	THREATS, HARASSMENT	THREATS, HARASSMENT
9	OTHER PROPERTY	THEFT
10	DISTURBANCES	DISTURBANCES
11	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
12	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
13	TRESPASS	TRESPASS
14	DISTURBANCES	DISTURBANCES
16	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
17	DISTURBANCES	DISTURBANCES
18	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
19	•	PERSONS - LOST, FOUND, MISSING
20	WEAPONS CALLS	WEAPONS CALLS
21	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
22	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
23	HAZARDS	HAZARDS
24	NARCOTICS COMPLAINTS	NARCOTICS COMPLAINTS
25	WEAPONS CALLS	WEAPONS CALLS
26	PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND
27	OTHER PROPERTY	THEFT
28	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
29	TRESPASS	TRESPASS
30	AUTO THEFTS	AUTO RECOVERIES
31	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
32	FRAUD CALLS	FRAUD CALLS
1015	MISCELLANEOUS MISDEMEANORS	MISCELLANEOUS MISDEMEANORS
1016	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1017	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
1018	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1019	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1021	AUTO THEFTS	AUTO RECOVERIES
1022	TRESPASS	TRESPASS
1023	PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND
1024	OTHER PROPERTY	THEFT
1025	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1026	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
1027	ALACAD	SUSPICIOUS CIRCUMSTANCES
1028	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1020	TRESPASS	
		TRESPASS
1030	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1031	OTHER PROPERTY	THEFT
1032	DISTURBANCES	DISTURBANCES
1033	THREATS, HARASSMENT	THREATS, HARASSMENT
1034	BURGLARY	COMMERCIAL BURGLARIES
	2010dHiivi	001111111111111111111111111111111111111

1035	SUSPICIOUS	CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1036	SUSPICIOUS	CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1037		AUTO THEFTS	AUTO RECOVERIES
1038	SUSPICIOUS	CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1039		DISTURBANCES	DISTURBANCES
1040	TRAFFIC	RELATED CALLS	PARKING VIOLATIONS
1041	TRAFFIC	RELATED CALLS	PARKING VIOLATIONS
1042	TRAFFIC	RELATED CALLS	PARKING VIOLATIONS
1043	SUSPICIOUS	CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1044	MOTOR VEHICLE COLLISION	INVESTIGATION	TRAFFIC RELATED CALLS
1045	MOTOR VEHICLE COLLISION	INVESTIGATION	TRAFFIC RELATED CALLS

## Officers at Scene

	CITICOID	<b>~</b> 0	200110
0			2
1			2
2			0
2 3			0 2
4			1
6			3
8			3
9			1
10			3
11			2
12			0
13			3 3 2 4 0
14			3
16			2
17			4
18			0
19			2
20			3
21			1
22			1
23			2 3
24			3
25			0
26			2
27			3 0
28			0
29			2
30			4
31			1
32			2
			• • • •
1015			1
1016			1
1017			0
1018			1

```
1019
                        1
1021
                        3
1022
                        1
1023
                        0
1024
                        0
1025
                        1
1026
                        3
1027
                        3
1028
                        1
1029
                        1
1030
                        1
1031
                        1
1032
                        3
1033
                        3
1034
                        1
1035
                        2
1036
                        2
1037
                        3
                        3
1038
1039
                        3
1040
                        4
1041
1042
                        1
1043
                        2
1044
                        1
1045
```

[987 rows x 17 columns]

In [26]: #The next code examines the categories for the Event Clearance Code column to assess df\_copy['Event Clearance Code'].value\_counts()

```
Out[26]: 245
                  119
          280
                   96
          470
                   64
          460
                   64
          430
                   56
          161
                   54
          63
                   51
          177
                   50
          250
                   39
         200
                   31
          281
                   30
         220
                   23
          244
                   23
          64
                   21
          40
                   21
          201
                   19
```

```
450
         16
65
         16
130
         14
71
         13
350
         12
242
         11
282
         10
372
         10
52
          9
50
          8
          7
184
246
          6
203
          6
          5
74
330
          4
188
          3
31
          3
          3
440
415
          3
          3
465
          3
51
          3
202
363
          3
          3
139
          3
261
73
          3
          2
186
          2
371
          2
62
          2
192
          2
101
141
          2
          2
160
243
          1
292
          1
221
          1
341
          1
170
          1
171
          1
410
          1
191
          1
181
          1
          1
183
260
```

Name: Event Clearance Code, Length: 65, dtype: int64

In [27]: #The next code examines the categories for Event Clearance Group to assess value-feas

## df\_copy['Event Clearance Group'].value\_counts() Out[27]: DISTURBANCES 160 TRAFFIC RELATED CALLS 154 SUSPICIOUS CIRCUMSTANCES 136 FALSE ALACAD 59 CAR PROWL 56 MOTOR VEHICLE COLLISION INVESTIGATION 56 LIQUOR VIOLATIONS 54 TRESPASS 54 NUISANCE, MISCHIEF 39 BEHAVIORAL HEALTH 24 BURGLARY 24 ASSAULTS 21 SHOPLIFTING 21 PROPERTY DAMAGE 17 OTHER PROPERTY 16 AUTO THEFTS 16 NARCOTICS COMPLAINTS 14 PROPERTY - MISSING, FOUND 12 HAZARDS 12 ROBBERY 7 FRAUD CALLS 6 THREATS, HARASSMENT 5 PERSON DOWN/INJURY 4 ANIMAL COMPLAINTS PERSONS - LOST, FOUND, MISSING 3 ARREST 3 MISCELLANEOUS MISDEMEANORS 2 BIKE 2 LEWD CONDUCT 2 2 PROWLER

In [28]: #The next code examines the categories for the Event Clearance Subgroup column to ass df\_copy['Event Clearance SubGroup'].value\_counts()

Out[28]:	DISTURBANCES	154
	TRAFFIC RELATED CALLS	145
	SUSPICIOUS CIRCUMSTANCES	136
	PARKING VIOLATIONS	65
	CAR PROWL	56
	LIQUOR VIOLATIONS	56
	TRESPASS	54
	BURGLARY ALACAD (FALSE)	50

Name: Event Clearance Group, dtype: int64

HARBOR CALLS
WEAPONS CALLS

```
THEFT
                                    39
NUISANCE, MISCHIEF COMPLAINTS
                                    39
CRISIS CALL
                                   24
ASSAULTS
                                   21
PROPERTY DAMAGE
                                   17
RESIDENTIAL BURGLARIES
                                    15
NARCOTICS COMPLAINTS
                                   14
AUTO THEFTS
                                   13
PROPERTY - MISSING, FOUND
                                   12
HAZARDS
                                   12
PANIC ALACAD (FALSE)
                                    9
COMMERCIAL BURGLARIES
                                    9
FRAUD CALLS
                                    6
NOISE DISTURBANCE
                                    6
THREATS, HARASSMENT
                                    5
CASUALTIES
                                    4
ANIMAL COMPLAINTS
                                    4
                                    4
GUN CALLS
WARRANT CALLS
                                    3
PERSONS - LOST, FOUND, MISSING
                                    3
AUTO RECOVERIES
                                    3
ROBBERY
                                    3
                                    2
PROWLER
HARBOR CALLS
                                    1
MISCELLANEOUS MISDEMEANORS
                                    1
PARKS EXCLUSIONS
                                    1
WEAPONS CALLS
Name: Event Clearance SubGroup, dtype: int64
```

df\_copy['Zone/Beat'].value\_counts()

In [29]: #The next code examines the categories for the Zone/Beat column to assess value-feasi

```
Out[29]: H2
               44
         НЗ
               38
         M2
               36
         E2
               35
         H1
               35
         В1
               33
         E1
               33
         M1
               31
         ΚЗ
               31
         B2
               25
         ВЗ
               25
         МЗ
              24
         QЗ
               23
         R1
               22
         NЗ
               22
```

```
Q2
               21
         D1
               20
         K2
               19
         S1
               19
         E3
               18
         DЗ
               18
         C2
               18
         01
               18
         Q1
               18
         R2
               18
         U2
               17
         U1
               17
         N1
               17
         J1
               16
         СЗ
               16
         G1
               16
         J3
               14
         K1
               14
         L2
               13
         F2
               13
         UЗ
               12
         F1
               12
         RЗ
               12
         G2
               12
         G3
               11
         J2
               11
         W2
               11
         F3
               10
         C1
               10
         S2
                 9
         02
                 8
                 7
         L1
         N2
                 6
         L3
                 5
         03
                 5
         WЗ
                 4
         FS
                 1
         S3
         Name: Zone/Beat, dtype: int64
In [30]: #The next code examines the categories for the Officers at Scene column to assess val
         df_copy['Officers at Scene'].value_counts()
         # O seems incorrect - replace with 1
Out[30]: 1
              301
         2
              238
```

W1

D2

```
3
              233
         0
              116
         4
               99
         Name: Officers at Scene, dtype: int64
In [31]: #Replace all the Zero Values with Ones in Officers at Scene Column
         df_copy['Officers at Scene'] = df_copy[['Officers at Scene']].replace({0:1})
In [32]: #Test the code
         df_copy['Officers at Scene'].value_counts()
Out[32]: 1
              417
              238
         2
         3
              233
               99
         Name: Officers at Scene, dtype: int64
In [33]: #The following code will demonstrate any duplicates in the data for the CAD CDW ID va
         df_copy[df_copy['CAD CDW ID'].duplicated()]
Out[33]: Empty DataFrame
         Columns: [CAD CDW ID, CAD Event Number, General Offense Number, Event Clearance Code,
         Index: []
In [34]: #The following code will demonstrate any duplicates in the data for the CAD Event Num
         df_copy[df_copy['CAD Event Number'].duplicated()]
Out[34]: Empty DataFrame
         Columns: [CAD CDW ID, CAD Event Number, General Offense Number, Event Clearance Code,
         Index: []
In [35]: #The following code will demonstrate any duplicates in the data for the General Offen
         df_copy[df_copy['General Offense Number'].duplicated()]
Out[35]: Empty DataFrame
         Columns: [CAD CDW ID, CAD Event Number, General Offense Number, Event Clearance Code,
         Index: []
In [36]: #The following code will demonstrate any duplicates in the data for the Event Clearan
         #This search is evidently too wide and pulls up nearly the entire data set
         df_copy[df_copy['Event Clearance Description'].duplicated()]
Out[36]:
              CAD CDW ID CAD Event Number General Offense Number Event Clearance Code
                 1702323
                              16000104918
         8
                                                       2016104918
                                                                                   245
         10
                 1702325
                              16000105010
                                                                                   245
                                                       2016105010
         11
                 1702326
                              16000105007
                                                       2016105007
                                                                                   280
         12
                 1702327
                              16000105002
                                                      2016105002
                                                                                   460
         13
                 1702328
                              16000104957
                                                      2016104957
                                                                                   280
         14
                 1702329
                              16000104941
                                                      2016104941
                                                                                   245
```

22	1702337	16000104988	2016104988	280
23	1702338	16000104984	2016104984	280
25	1702340	16000104782	2016104782	245
28	1702343	16000104981	2016104981	470
31	1702346	16000104932	2016104932	430
32	1702347	16000104898	2016104898	280
33	1702348	16000104893	2016104893	245
34	1702349	16000105036	2016105036	460
35	1702350	16000105030	2016105030	245
38	1702353	16000105011	2016105011	245
39	1702354	16000105000	2016105000	280
40	1702355	16000104920	2016104920	363
45	1702361	16000104607	2016104607	250
46	1702362	16000105056	2016105056	177
47	1702363	16000105022	2016105022	245
48	1702364	16000105013	2016105013	161
49	1702365	16000104997	2016104997	280
52	1702368	16000104919	2016104919	430
53	1702369	16000104843	2016104843	430
54	1702370	16000104571	2016104571	63
58	1702375	16000104929	2016104929	430
59	1702376	16000104888	2016104888	430
60	1702377	16000105081	2016105081	177
1015	1703351	16000106605	2016106605	281
1016	1703352	16000106578	2016106578	280
1017	1703354	16000106662	2016106662	460
1018	1703355	16000106656	2016106656	430
1019	1703356	16000106623	2016106623	470
1021	1703358	16000106577	2016106577	71
1022	1703359	16000106499	2016106499	330
1023	1703360	16000106660	2016106660	371
1024	1703361	16000106650	2016106650	63
1025	1703362	16000106529	2016106529	430
1026	1703363	16000106461	2016106461	460
1027	1703364	16000106679	2016106679	202
1028	1703365	16000106675	2016106675	470
1029	1703366	16000106668	2016106668	245
1030	1703367	16000106664	2016106664	470
1031	1703368	16000106659	2016106659	63
1032	1703369	16000106644	2016106644	245
1033	1703370	16000106571	2016106571	245
1034	1703371	16000106458	2016106458	52
1035	1703372	16000106727	2016106727	280
1036	1703373	16000106693	2016106693	281
1037	1703374	16000106688	2016106688	73
1038	1703375	16000106738	2016106738	250
1039	1703376	16000106719	2016106719	245
			- · · · · - · - ·	

1040	1703377	16000106692	2016106692
1041	1703378	16000106655	2016106655
1042	1703379	16000106592	2016106592
1043	1703380	16000106728	2016106728
1044	1703381	16000106612	2016106612
		16000106547	2016106547
1010	1700002	10000100017	2010100011
		Event Cl	earance Description \
8			DISTURBANCE, OTHER
10			DISTURBANCE, OTHER
11			SUSPICIOUS PERSON
12		TRAFFIC	(MOVING) VIOLATION
13			SUSPICIOUS PERSON
14			DISTURBANCE, OTHER
20			DISTURBANCE, OTHER
22			SUSPICIOUS PERSON
23			SUSPICIOUS PERSON
25			DISTURBANCE, OTHER
28	DARKTNO	VIOIATION (FYCEDT	ABANDONED VEHICLES)
31	DILIMIA		R VEHICLE COLLISION
32		ri010	SUSPICIOUS PERSON
33			DISTURBANCE, OTHER
34		ΤD Λ ΕΈΤ <i>Ο</i>	(MOVING) VIOLATION
3 <del>4</del> 35		ITAFFIC	DISTURBANCE, OTHER
			•
38			DISTURBANCE, OTHER
39			SUSPICIOUS PERSON
40 45		MICCUITE	MISSING PERSON
45 46			NUISANCE COMPLAINTS
46 47		LIQUUK VIOLATIUN -	INTOXICATED PERSON DISTURBANCE, OTHER
			•
48 49			TRESPASS
49 52		мото	SUSPICIOUS PERSON
			R VEHICLE COLLISION
53 54		MOIO	R VEHICLE COLLISION THEFT - CAR PROWL
5 <del>4</del> 58		мото	R VEHICLE COLLISION
50 59			R VEHICLE COLLISION
60			
		LIQUUK VIULAIIUN -	INTOXICATED PERSON
 1015			SUSPICIOUS VEHICLE
1013			
1016		ጥኮ ለ ሮሮፓ ረ	SUSPICIOUS PERSON (MOVING) VIOLATION
1018	DADIZTMA		R VEHICLE COLLISION
1019	PARKING	VIOLATION (EVCELI	ABANDONED VEHICLES)
1021	CACIIAI TV /VC	INI CIDTMINIAI (TIDATELIA	AUTO THEFT
1022	CASUALIY (NU	IN CRIMINAL/IKAFFIC	C) - MAN DOWN, SI
1023			PROPERTY - MISSING
1024			THEFT - CAR PROWL

1025	MOTOR	VEHICLE COLLISION
1026	TRAFFIC	(MOVING) VIOLATION
1027	ALACAD - COMMER	CIAL PANIC (FALSE)
1028	PARKING VIOLATION (EXCEPT A	BANDONED VEHICLES)
1029		DISTURBANCE, OTHER
1030	PARKING VIOLATION (EXCEPT A	BANDONED VEHICLES)
1031		THEFT - CAR PROWL
1032		DISTURBANCE, OTHER
1033		DISTURBANCE, OTHER
1034	BUR	GLARY - COMMERCIAL
1035		SUSPICIOUS PERSON
1036		SUSPICIOUS VEHICLE
1037		AUTO RECOVERY
1038	MISCHIEF, N	UISANCE COMPLAINTS
1039		DISTURBANCE, OTHER
1040	PARKING VIOLATION (EXCEPT A	BANDONED VEHICLES)
1041	PARKING VIOLATION (EXCEPT A	BANDONED VEHICLES)
1042	PARKING VIOLATION (EXCEPT A	BANDONED VEHICLES)
1043		SUSPICIOUS PERSON
1044	TRAFFIC	(MOVING) VIOLATION
1045	MOTOR	VEHICLE COLLISION
	Event Clearance SubGroup	<pre>Event Clearance Group \</pre>
8	DISTURBANCES	DISTURBANCES
10	DISTURBANCES	DISTURBANCES
11	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
12	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
13	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
14	DISTURBANCES	DISTURBANCES
20	DISTURBANCES	DISTURBANCES
22	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
23	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
25	DISTURBANCES	DISTURBANCES
28	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
31	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
32	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
33	DISTURBANCES	DISTURBANCES
34	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
35	DISTURBANCES	DISTURBANCES
38	DISTURBANCES	DISTURBANCES
39	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
40	PERSONS - LOST, FOUND, MISSING	PERSONS - LOST, FOUND, MISSING
45	NUISANCE, MISCHIEF COMPLAINTS	NUISANCE, MISCHIEF
46	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
47	DISTURBANCES	DISTURBANCES
48	TRESPASS	TRESPASS
49	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
52	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION

53	TRAFFIC RELATED CALLS	OTOR VEHICLE COLLIS	SION INVESTIGATION
54	CAR PROWL		CAR PROWL
58	TRAFFIC RELATED CALLS	OTOR VEHICLE COLLIS	
59	TRAFFIC RELATED CALLS	OTOR VEHICLE COLLIS	SION INVESTIGATION
60	LIQUOR VIOLATIONS		LIQUOR VIOLATIONS
 1015	SUSPICIOUS CIRCUMSTANCES	SUSPIC	OUS CIRCUMSTANCES
1016	SUSPICIOUS CIRCUMSTANCES	SUSPIC	OUS CIRCUMSTANCES
1017	TRAFFIC RELATED CALLS	TRAF	FIC RELATED CALLS
1018	TRAFFIC RELATED CALLS	OTOR VEHICLE COLLIS	SION INVESTIGATION
1019	PARKING VIOLATIONS	TRAF	FIC RELATED CALLS
1021	AUTO THEFTS		AUTO THEFTS
1022	CASUALTIES	I	PERSON DOWN/INJURY
1023	PROPERTY - MISSING, FOUND	PROPERTY	7 - MISSING, FOUND
1024	CAR PROWL		CAR PROWL
1025	TRAFFIC RELATED CALLS	OTOR VEHICLE COLLIS	SION INVESTIGATION
1026	TRAFFIC RELATED CALLS	TRAF	FIC RELATED CALLS
1027	PANIC ALACAD (FALSE)		FALSE ALACAD
1028	PARKING VIOLATIONS	TRAF	FIC RELATED CALLS
1029	DISTURBANCES		DISTURBANCES
1030	PARKING VIOLATIONS	TRAF	FIC RELATED CALLS
1031	CAR PROWL		CAR PROWL
1032	DISTURBANCES		DISTURBANCES
1033	DISTURBANCES		DISTURBANCES
1034	COMMERCIAL BURGLARIES		BURGLARY
1035	SUSPICIOUS CIRCUMSTANCES	SUSPIC	OUS CIRCUMSTANCES
1036	SUSPICIOUS CIRCUMSTANCES	SUSPIC	OUS CIRCUMSTANCES
1037	AUTO RECOVERIES		AUTO THEFTS
1038	NUISANCE, MISCHIEF COMPLAINTS	ľ	UUISANCE, MISCHIEF
1039	DISTURBANCES		DISTURBANCES
1040	PARKING VIOLATIONS	TRAF	FIC RELATED CALLS
1041	PARKING VIOLATIONS	TRAF	FIC RELATED CALLS
1042	PARKING VIOLATIONS	TRAF	FIC RELATED CALLS
1043	SUSPICIOUS CIRCUMSTANCES	SUSPIC	OUS CIRCUMSTANCES
1044	TRAFFIC RELATED CALLS	TRAF	FFIC RELATED CALLS
1045	TRAFFIC RELATED CALLS	OTOR VEHICLE COLLIS	SION INVESTIGATION
	Event Clearance Date District/Se	or Zone/Beat Censu	us Tract Longitude \
8	2016-03-26 17:18:00	0 01 93	300.3019 -122.329056
10	2016-03-26 17:36:00	K K3 92	200.2028 -122.330810
11	2016-03-26 17:31:00	R R3 103	300.2004 -122.275380
12	2016-03-26 17:29:00	E E2 75	500.4006 -122.316830
13	2016-03-26 17:28:00	0 02 93	300.3167 -122.328960
14	2016-03-26 17:30:00	J J3 29	900.1000 -122.355300
20	2016-03-26 17:40:00	M M2 82	200.1010 -122.332245
22	2016-03-26 17:30:00	J J3 29	900.2003 -122.355300
23	2016-03-26 17:40:00	0 01 93	300.1047 -122.321396
25	2016-03-26 17:38:00	D D2 72	200.2001 -122.341370

```
28
      2016-03-26 17:43:00
                                          Ε
                                                           7500.5004 -122.320880
                                                    E1
31
      2016-03-26 17:42:00
                                          U
                                                    U2
                                                           5301.2006 -122.317420
32
      2016-03-26 17:52:00
                                                           8100.1015 -122.340870
                                          М
                                                   M1
      2016-03-26 17:45:00
                                          K
                                                           8100.1036 -122.334040
33
                                                    Κ1
                                          F
34
      2016-03-26 17:56:00
                                                    F3
                                                          11200.2066 -122.334910
                                                           7200.1061 -122.337940
35
      2016-03-26 18:02:00
                                          Μ
                                                    M2
38
      2016-03-26 18:02:00
                                          Ε
                                                   E2
                                                           7500.4006 -122.318140
39
      2016-03-26 17:57:00
                                          В
                                                    B2
                                                           3500.2016 -122.354360
                                          C
40
      2016-03-26 17:56:00
                                                    C2
                                                           7600.2002 -122.304700
                                                   ВЗ
45
      2016-03-26 18:14:00
                                          В
                                                           5100.1012 -122.331350
                                                           9100.2003 -122.327675
46
      2016-03-26 18:20:00
                                          Η
                                                    H1
47
      2016-03-26 18:23:00
                                          Μ
                                                    M2
                                                           8100.2001 -122.337970
      2016-03-26 18:14:00
                                                           7500.3005 -122.320915
48
                                          Η
                                                    H1
49
      2016-03-26 18:17:00
                                          L
                                                    L3
                                                            100.3003 -122.292496
52
      2016-03-26 18:14:00
                                          D
                                                    D1
                                                           8002.2016 -122.345640
                                          Ε
                                                           7500.5000 -122.316930
53
      2016-03-26 18:17:00
                                                    E1
54
      2016-03-26 18:12:00
                                          F
                                                    F3
                                                          11200.3008 -122.314920
      2016-03-26 18:30:00
                                          J
                                                           3600.4012 -122.326836
58
                                                    J3
      2016-03-26 18:39:00
                                                           1200.5008 -122.332660
59
                                          N
                                                   NЗ
      2016-03-26 18:49:00
                                          G
                                                           9100.1004 -122.317220
60
                                                    G1
. . .
1015
      2016-03-28 10:04:00
                                          L
                                                   L3
                                                            700.2016 -122.297810
1016
      2016-03-28 10:16:00
                                          C
                                                    C2
                                                           7700.2006 -122.301160
                                          S
                                                          11001.1006 -122.286865
1017
      2016-03-28 10:10:00
                                                    S1
1018
      2016-03-28 10:18:00
                                          R
                                                          10401.2012 -122.301735
                                                   R1
                                          J
1019
      2016-03-28 10:15:00
                                                           3300.1009 -122.375130
                                                    J2
                                          F
                                                          10701.2020 -122.369804
1021
      2016-03-28 10:12:00
                                                    F1
1022
      2016-03-28 10:10:00
                                          Ε
                                                    E1
                                                           7402.1009 -122.322860
                                                           7300.3022 -122.336170
1023
      2016-03-28 10:25:00
                                          D
                                                    D2
1024
      2016-03-28 10:29:00
                                          J
                                                    J3
                                                           3600.4000 -122.322390
1025
      2016-03-28 10:26:00
                                                           1701.3002 -122.355450
                                          Ν
                                                    N1
1026
      2016-03-28 10:28:00
                                          В
                                                    B1
                                                           4700.4015 -122.378900
1027
      2016-03-28 10:39:00
                                          0
                                                    02
                                                          10900.2012 -122.337830
1028
      2016-03-28 10:34:00
                                          Ε
                                                           8300.1003 -122.326904
                                                    E3
1029
      2016-03-28 10:31:00
                                          В
                                                           5000.3000 -122.342130
                                                    ВЗ
1030
      2016-03-28 10:39:00
                                          В
                                                    В3
                                                           5200.4010 -122.326164
1031
      2016-03-28 10:37:00
                                          Η
                                                   НЗ
                                                           8100.1016 -122.341750
1032
      2016-03-28 10:47:00
                                                           8002.1001 -122.342400
                                          Μ
                                                   M1
1033
                                                           9300.3017 -122.333270
      2016-03-28 10:37:00
                                          0
                                                    01
1034
      2016-03-28 10:37:00
                                          В
                                                    B3
                                                           5200.3032 -122.325710
1035
      2016-03-28 10:55:00
                                          U
                                                           5200.3001 -122.322450
                                                   U2
                                                           9800.2010 -122.381370
1036
      2016-03-28 10:45:00
                                          Η
                                                    H1
1037
      2016-03-28 10:47:00
                                          S
                                                    S1
                                                          11700.4001 -122.279830
                                          Ε
1038
      2016-03-28 11:00:00
                                                    E1
                                                           7402.1000 -122.320885
1039
      2016-03-28 10:55:00
                                          Ε
                                                    E2
                                                           8400.1007 -122.321450
1040
      2016-03-28 10:55:00
                                          K
                                                    Κ1
                                                           8100.2032 -122.334770
1041
      2016-03-28 10:53:00
                                          U
                                                    UЗ
                                                           2400.2005 -122.285260
1042
      2016-03-28 10:55:00
                                          В
                                                    B2
                                                           4700.2031 -122.370766
```

1043	2016-03-28	11:03:00	F	F1	10701.20	)11 -	-122.362150
	2016-03-28		S				-122.276940
	2016-03-28		0	01			-122.321396
			_				
	Latitude		Init	ial Type	Descript	tion	\
8	47.579807	HARAS - 1			_		
10	47.600464		DISTURBANCE,				
11	47.551910	UNKN	OWN - COMPLAI				
	47.614105	TRAFFI	C STOP - OFFI	CER INITI	ATED ONV	/IEW	
	47.555634				TRESF	PASS	
14	47.689835		DISTURBANCE,	MISCELLA	NEOUS/07	ΓHER	
20	47.612072	WEAPN - GU	N,DEADLY WPN				
22	47.684746	SUSPI	CIOUS PERSON,	VEHICLE	OR INCII	DENT	
23	47.586205	HAZ - POTENTIA	L THRT TO PHY	S SAFETY	(NO HAZN	(TAI	
25	47.618546	WEAPN-IP/JO-G	UN, DEADLY WPN	(NO THRI	C/ASLT/DI	IST)	
28	47.619904	PARKING	VIOLATION (E	XCEPT ABA	NDONED (	CAR)	
31	47.663116	MOTOR VEHICLE CO	LLISION, REPO	RT ONLY -	NON IN	J	
32	47.606407	FRAUD - FO	RGERY, BUNCO,	SCAMS, II	THEFT,	ETC	
33	47.601723		DISTURBANCE,	MISCELLA	NEOUS/07	ΓHER	
34	47.534718		TRAFFI	C - MOVIN	IG VIOLAT	CION	
35	47.614170				TRESF	PASS	
38	47.614094		DISTURBANCE,	MISCELLA	NEOUS/07	ΓHER	
39	47.674570	SUSPI	CIOUS PERSON,	VEHICLE	OR INCII	DENT	
40	47.622295			MISS	SING - CH	HILD	
45	47.662000	SUSPI	CIOUS PERSON,	VEHICLE	OR INCII	DENT	
46	47.598354	DETOX - P	ICKUP (FIRE /	POLICE S	STANDING	BY)	
47	47.612423			THEFT	OF SERVI	CES	
48	47.622560		DISTURBANCE,	MISCELLA	NEOUS/07	ΓHER	
49	47.721010			PROPER	RTY - DAN	1AGE	
52	47.611404	MOT	OR VEHICLE CO	LLISION,	HIT AND	RUN	
53	47.619934	MOTOR VEHICLE CO	LLISION, REPO	RT ONLY -	NON INJ	J	
54	47.526016	SECONDARY -	THEFT (NOT S	HOPLIFT C	R SERVIC	CES)	
58	47.678555	MOT	OR VEHICLE CO	LLISION,	HIT AND	RUN	
59	47.708656	MOTOR VEHICLE CO	LLISION WITH	INJURIES	- PRIORI	[	
60	47.599186			DETOX -	REQUEST	FOR	
	• • •						
	47.714912				EGAL DUMF		
1016	47.623520		CIOUS PERSON,				
	47.537300		C STOP - OFFI				
	47.555080	TRU- MOTOR VEHIC	-				
	47.678673		VIOLATION (E				
	47.536453	AUTO THEFT	- VEH THEFT O	R THEFT A			
	47.618730				TRESF		
	47.616055		PROPE	RTY, LOST			
1024	47.679140				TRU - TH		
	47.705082	MOTOR VEHICLE CO					
	47.662937		C STOP - OFFI				
1027	47.554977	ALARM - C	OMM, HOLD-UP/	PANIC (EX	CEPT BAN	VKS)	

1029       47.661755       TRESPA         1030       47.662260       PARKING VIOLATION (EXCEPT ABANDONED CA
• • • • • • • • • • • • • • • • • • • •
1031 47.607258 TRU - THE
1032 47.612118 DISTURBANCE, MISCELLANEOUS/OTH
1033 47.585040 THREATS (INCLS IN-PERSON/BY PHONE/IN WRITIN
1034 47.654335 BURG - COMM BURGLARY (INCLUDES SCHOOL
1035 47.656002 SUSPICIOUS STOP - OFFICER INITIATED ONVI
1036 47.575596 SUSPICIOUS PERSON, VEHICLE OR INCIDE
1037 47.518880 AUTO RECOVE
1038 47.620490 SUSPICIOUS STOP - OFFICER INITIATED ONVI
1039 47.614070 FIGHT - IP - PHYSICAL (NO WEAPON
1040 47.607285 PARKING VIOLATION (EXCEPT ABANDONED CA
1041 47.684853 PARKING VIOLATION (EXCEPT ABANDONED CA
1042 47.665043 PARKING VIOLATION (EXCEPT ABANDONED CA
1043 47.535515 SUSPICIOUS PERSON, VEHICLE OR INCIDE
1044 47.526115 MOTOR VEHICLE COLLISION WITH INJURIES - PRIORI.
1045 47.586205 MOTOR VEHICLE COLLISION, BLOCKI

,	Initial Type Group	Initial Type Subgroup	
	THREATS, HARASSMENT	THREATS, HARASSMENT	8
	DISTURBANCES	DISTURBANCES	10
	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	11
	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS	12
	TRESPASS	TRESPASS	13
	DISTURBANCES	DISTURBANCES	14
	WEAPONS CALLS	WEAPONS CALLS	20
	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	22
	HAZARDS	HAZARDS	23
	WEAPONS CALLS	WEAPONS CALLS	25
	PARKING VIOLATIONS	TRAFFIC RELATED CALLS	28
	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION	31
	FRAUD CALLS	FRAUD CALLS	32
	DISTURBANCES	DISTURBANCES	33
	PARKING VIOLATIONS	TRAFFIC RELATED CALLS	34
	TRESPASS	TRESPASS	35
	DISTURBANCES	DISTURBANCES	38
	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	39
	PERSONS - LOST, FOUND, MISSING	PERSONS - LOST, FOUND, MISSING	40
	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	45
	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	46
	THEFT	OTHER PROPERTY	47
	DISTURBANCES	DISTURBANCES	48
	PROPERTY DAMAGE	PROPERTY DAMAGE	49
	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION	52
	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION	53
	THEFT	OTHER PROPERTY	54
	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION	58

59	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
60	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
	·	•
	MIGGELL ANEOLIG MIGDENEANODG	MIGGELL ANEOLIG MIGDEMEANODG
1015	MISCELLANEOUS MISDEMEANORS	MISCELLANEOUS MISDEMEANORS
1016	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1017	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
1018	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1019	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1021	AUTO THEFTS	AUTO RECOVERIES
1022	TRESPASS	TRESPASS
1023	PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND
1024	OTHER PROPERTY	THEFT
1025	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1026	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
1027	ALACAD	SUSPICIOUS CIRCUMSTANCES
1028	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1029	TRESPASS	TRESPASS
1030	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1031	OTHER PROPERTY	THEFT
1032	DISTURBANCES	DISTURBANCES
1033	THREATS, HARASSMENT	THREATS, HARASSMENT
1034	BURGLARY	COMMERCIAL BURGLARIES
1035	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1036	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1037	AUTO THEFTS	AUTO RECOVERIES
1038	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1039	DISTURBANCES	DISTURBANCES
1040	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1041	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1042	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1043	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
1044	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1045	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
_	Officers at Scene	
8	3	
10	3	
11	2	
12	1	
13	3	
14	3	
20	3	
22	1	
23	2	
25	1	
28	1	
31	1	
20	0	

33	3
34	2
35	1
38	3
39	3
40	1
45	1
46	3
47	3
48	1
49	1
52	1
53	2
54	1
58	3
59	4
60	3
1015	
1016	1
1017	1
1018	1
1019	1
1021	3
1022	1
1023	1
1024	1
1025	1
1026	3
1027	3
1028	1
1029	1
1030	1
1031	1
1032	3
1033	3
1034	1
1035	2 2 3 3
1036	2
1037	3
1038	3
1039	3
1040	4
1041	1
1042	1
1043	2
1044	1 2
1045	2

## [922 rows x 17 columns]

In [37]: #The following code will demonstrate any duplicates in the data for the Event Clearan
#This search wasnt useful either, showing 200 observations
df\_copy[df\_copy['Event Clearance Date'].duplicated()]

Out[37]:	CAD CDW ID CA	D Event Number	General Offense Number	Event Clearance Code	e \
4	1702318	16000104993	2016104993	28	1
8	1702323	16000104918	2016104918	24	5
17	1702332	16000104752	2016104752	25	С
21	1702336	16000104999	2016104999	43	С
22	1702337	16000104988	2016104988	28	С
23	1702338	16000104984	2016104984	28	С
24	1702339	16000104855	2016104855	18	6
26	1702341	16000104525	2016104525	37	2
29	1702344	16000104978	2016104978	16	1
38	1702353	16000105011	2016105011	24	5
40	1702355	16000104920	2016104920	36	3
42	1702357	16000104619	2016104619	4	С
48	1702364	16000105013	2016105013	16	1
52	1702368	16000104919	2016104919	43	С
53	1702369	16000104843	2016104843	43	С
62	1702379	16000105034	2016105034	24	5
68	1702385	16000104977	2016104977	43	С
71	1702388	16000104970	2016104970	28	1
76	1702393	16000104824	2016104824	43	С
85	1702402	16000104579	2016104579	10	С
91	1702408	16000105025	2016105025	4	С
93	1702410	16000105012	2016105012	43	С
94	1702411	16000104967	2016104967	47	С
95	1702412	16000104940	2016104940	18	4
97	1702414	16000104854	2016104854	16	1
98	1702415	16000104775	2016104775	24	5
99	1702416	16000104740	2016104740	28	1
111	1702428	16000104950	2016104950	4	1
115	1702432	16000104724	2016104724	6	3
118	1702435	16000105101	2016105101	22	0
			• • •		
889	1703223	16000106398	2016106398	28	0
890	1703224	16000105974	2016105974	24	
901	1703235	16000106419	2016106419	20	
913	1703247	16000106414	2016106414	22	
919	1703253	16000106446	2016106446	43	
925	1703259	16000106472	2016106472	24	
929	1703263	16000106463	2016106463	16	
930	1703264	16000106459	2016106459	47	
952	1703287	16000106436	2016106436	46	)

970	1703306	16000106563	2016106563	
973	1703309	16000106514	2016106514	
976	1703312	16000106503	2016106503	
980	1703316	16000106570	2016106570	
981	1703317	16000106550	2016106550	
985	1703321	16000106588	2016106588	
986	1703322	16000106587	2016106587	
987	1703323	16000106585	2016106585	
988	1703324	16000106557	2016106557	
1009	1703345	16000106617	2016106617	
1012	1703348	16000106496	2016106496	
1022	1703359	16000106499	2016106499	
1030	1703367	16000106664	2016106664	
1033	1703370	16000106571	2016106571	
1034	1703371	16000106458	2016106458	
1037	1703374	16000106688	2016106688	
1039	1703376	16000106719	2016106719	
1040	1703377	16000106692	2016106692	
1042	1703379	16000106592	2016106592	
1044	1703381	16000106612	2016106612	
1045	1703382	16000106547	2016106547	
1010	1100002	10000100011	2010100017	
		Event Clear	rance Description \	
4			JSPICIOUS VEHICLE	
8			ISTURBANCE, OTHER	
17			ISANCE COMPLAINTS	
21			/EHICLE COLLISION	
22			SUSPICIOUS PERSON	
23			SUSPICIOUS PERSON	
24		NARCOTICS, DRUG		
26	מחמם	PERTY - FOUND (FOLLOW		
29	1 1001	EIGIT FOOND (FOLLOW	TRESPASS	
38		ות	ISTURBANCE, OTHER	
40		נט	MISSING PERSON	
42			ASSAULTS, OTHER	
48			TRESPASS	
		мотор т		
52			/EHICLE COLLISION	
53			/EHICLE COLLISION	
62			ISTURBANCE, OTHER	
68			/EHICLE COLLISION	
71			JSPICIOUS VEHICLE	
76			/EHICLE COLLISION	
85		FRAUD (INCLUDING	G IDENTITY THEFT)	
91			ASSAULTS, OTHER	
93			/EHICLE COLLISION	
94	PARKING V	IOLATION (EXCEPT ABA		
95			NARCOTICS, OTHER	
97			TRESPASS	

98	DISTURBANCE, OTHER	
99	SUSPICIOUS VEHICLE	
111	HARASSMENT, THREATS	
115	THEFT - CAR PROWL	
118	CRISIS COMPLAINT - GENERAL	
889	SUSPICIOUS PERSON	
890	DISTURBANCE, OTHER	
901	ALACAD - COMMERCIAL BURGLARY (FALSE)	
913	CRISIS COMPLAINT - GENERAL	
919	MOTOR VEHICLE COLLISION	
925	DISTURBANCE, OTHER	
929	TRESPASS	
930	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)	
952	TRAFFIC (MOVING) VIOLATION	
970	TRAFFIC (MOVING) VIOLATION	
973	HARASSMENT, THREATS	
976	SUSPICIOUS PERSON	
980	MOTOR VEHICLE COLLISION	
981	PROPERTY DESTRUCTION	
985	TRESPASS	
986	THEFT - CAR PROWL	
987	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)	
988	PROWLER	
1009	THEFT - CAR PROWL	
1012	BURGLARY - COMMERCIAL	
1022	CASUALTY (NON CRIMINAL/TRAFFIC) - MAN DOWN, SI	
1030	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)	
1033	DISTURBANCE, OTHER	
1034	BURGLARY - COMMERCIAL	
1037	AUTO RECOVERY	
1039	DISTURBANCE, OTHER	
1040	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)	
1042	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)	
1044	TRAFFIC (MOVING) VIOLATION	
1045	MOTOR VEHICLE COLLISION	
	Event Clearance SubGroup Event Clearance Group	\
4	SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	
8	DISTURBANCES DISTURBANCES	
17	NUISANCE, MISCHIEF COMPLAINTS NUISANCE, MISCHIEF	
21	TRAFFIC RELATED CALLS MOTOR VEHICLE COLLISION INVESTIGATION	
22	SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	
23	SUSPICIOUS CIRCUMSTANCES SUSPICIOUS CIRCUMSTANCES	
24	NARCOTICS COMPLAINTS NARCOTICS COMPLAINTS	
26	PROPERTY - MISSING, FOUND PROPERTY - MISSING, FOUND	
29	TRESPASS TRESPASS	
38	DISTURBANCES DISTURBANCES	

40	PERSONS - LOST, FOUND, MISSING	PERSONS - LOST, FOUND, MISSING
42	ASSAULTS	ASSAULTS
48	TRESPASS	TRESPASS
52	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
53	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
62	DISTURBANCES	DISTURBANCES
68	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
71	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
76	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
85	FRAUD CALLS	FRAUD CALLS
91	ASSAULTS	ASSAULTS
93	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
94	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
95	NARCOTICS COMPLAINTS	NARCOTICS COMPLAINTS
97	TRESPASS	TRESPASS
98	DISTURBANCES	DISTURBANCES
99	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
111	THREATS, HARASSMENT	THREATS, HARASSMENT
115	CAR PROWL	CAR PROWL
118	CRISIS CALL	BEHAVIORAL HEALTH
889	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
890	DISTURBANCES	DISTURBANCES
901	BURGLARY ALACAD (FALSE)	FALSE ALACAD
913	CRISIS CALL	BEHAVIORAL HEALTH
919	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
925	DISTURBANCES	DISTURBANCES
929	TRESPASS	TRESPASS
930	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
952	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
970	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
973	THREATS, HARASSMENT	THREATS, HARASSMENT
976	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
980	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION
981	PROPERTY DAMAGE	PROPERTY DAMAGE
985	TRESPASS	TRESPASS
986	CAR PROWL	CAR PROWL
987	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
988	PROWLER	PROWLER
1009	CAR PROWL	CAR PROWL
1012	COMMERCIAL BURGLARIES	BURGLARY
1022	CASUALTIES	PERSON DOWN/INJURY
1030	PARKING VIOLATIONS	TRAFFIC RELATED CALLS
1033	DISTURBANCES	DISTURBANCES
	COMMERCIAL BURGLARIES	BURGLARY
1034		
1037	AUTO RECOVERIES	AUTO THEFTS
	AUTO RECOVERIES DISTURBANCES PARKING VIOLATIONS	AUTO THEFTS DISTURBANCES TRAFFIC RELATED CALLS

1044	TRAFFIC	RELATED	CALLS			TRAFFIC RELA	ATED CALLS	
1045	TRAFFIC	RELATED	CALLS	MOTOR	VEHICLE	COLLISION INVE	ESTIGATION	
	Event Clearance D	ate Dist	rict/Sec	ctor Z	one/Beat	Census Tract	Longitude	\
4	2016-03-26 17:19	:00		G	G2	8800.3008	-122.301090	
8	2016-03-26 17:18	:00		0	01	9300.3019	-122.329056	
17	2016-03-26 17:30	:00		R	R3	10200.4025	-122.274760	
21	2016-03-26 17:39	:00		Н	НЗ	9900.2019	-122.362870	
22	2016-03-26 17:30	:00		J	J3	2900.2003	-122.355300	
23	2016-03-26 17:40	:00		0	01	9300.1047	-122.321396	
24	2016-03-26 17:31	:00		В	B1	3300.3013	-122.378880	
26	2016-03-26 17:30	:00		В	В3	5100.2026	-122.329040	
29	2016-03-26 17:43	:00		G	G1	9100.1002	-122.318430	
38	2016-03-26 18:02	:00		E	E2	7500.4006	-122.318140	
40	2016-03-26 17:56	:00		C	C2	7600.2002	-122.304700	
42	2016-03-26 17:52	:00		J	J1	2900.1001	-122.357990	
48	2016-03-26 18:14	:00		H	H1	7500.3005	-122.320915	
52	2016-03-26 18:14	:00		D	D1	8002.2016	-122.345640	
53	2016-03-26 18:17	:00		E	E1	7500.5000	-122.316930	
62	2016-03-26 18:57	:00		С	C3	7900.3002	-122.311480	
68	2016-03-26 18:57	:00		C	C2	6200.2042	-122.304610	
71	2016-03-26 19:03	:00		J	J1	1701.2015	-122.353970	
76	2016-03-26 19:16	:00		U	U3	3900.1002	-122.285070	
85	2016-03-26 19:20	:00		F	F1	10701.1016	-122.361650	
91	2016-03-26 19:38	:00		R	R2	10001.1002	-122.299160	
93	2016-03-26 19:33	:00		M	MЗ	8100.2005	-122.335580	
94	2016-03-26 19:38	:00		S	S2	11101.2003	-122.280790	
95	2016-03-26 19:33	:00		M	M2	8100.2004	-122.337590	
97	2016-03-26 19:33	:00		H	H2	7300.2023	-122.332940	
98	2016-03-26 19:31	:00		H	НЗ	7300.2010	-122.329155	
99	2016-03-26 19:32	:00		В	B2	4800.3008	-122.363990	
111	2016-03-26 19:56	:00		H	H2	2800.1015	-122.344490	
115	2016-03-26 19:56	:00		M	M2	8200.1010	-122.331440	
118	2016-03-26 20:09	:00		M	M2	8100.2000	-122.337320	
889	2016-03-28 03:21	:00		D	D3	6600.2009	-122.325900	
890	2016-03-27 17:34	:00		G	G3	9100.1012	-122.317230	
901	2016-03-28 04:21	:00		M	M1	8100.3008	-122.340630	
913	2016-03-28 05:05			U	U1	4400.4009	-122.313070	
919	2016-03-28 05:21	:00		W	W1	9900.4065	-122.366000	
925	2016-03-28 06:03	:00		K	КЗ	8100.2046	-122.329190	
929	2016-03-28 05:58			K	K2	9200.2006	-122.334180	
930	2016-03-28 05:51			H	Н2	600.6002	-122.316810	
952	2016-03-28 07:25	:00		E	E2	8400.1006	-122.322110	
970	2016-03-28 08:30	:00		Q	Q2	5802.2010	-122.373920	
973	2016-03-28 08:29			J	J2	2900.1008	-122.356636	
976	2016-03-28 08:30	:00		F	F2	11402.2012	-122.357850	

TRAFFIC RELATED CALLS

PARKING VIOLATIONS

```
С
980
      2016-03-28 08:48:00
                                                   C1
                                                          7600.3010 -122.311390
981
                                         D
                                                   D2
      2016-03-28 08:49:00
                                                          7200.1070 -122.341736
                                         D
985
      2016-03-28 08:56:00
                                                   D2
                                                          7300.2023 -122.333790
986
      2016-03-28 08:56:00
                                         Ε
                                                   E2
                                                          7500.4001 -122.316895
                                         G
987
      2016-03-28 08:50:00
                                                   G1
                                                          8600.2021 -122.318756
988
      2016-03-28 08:56:00
                                         J
                                                          1701.2015 -122.353960
                                                   J1
1009
      2016-03-28 09:51:00
                                         0
                                                   02
                                                          9300.3224 -122.329056
1012
      2016-03-28 09:56:00
                                         U
                                                   U1
                                                          4400.2002 -122.315000
1022
      2016-03-28 10:10:00
                                         Ε
                                                   E1
                                                          7402.1009 -122.322860
1030
      2016-03-28 10:39:00
                                         В
                                                   ВЗ
                                                          5200.4010 -122.326164
1033
      2016-03-28 10:37:00
                                         0
                                                   01
                                                          9300.3017 -122.333270
1034
      2016-03-28 10:37:00
                                         В
                                                   В3
                                                          5200.3032 -122.325710
                                         S
1037
      2016-03-28 10:47:00
                                                   S1
                                                         11700.4001 -122.279830
                                         Ε
1039
                                                   E2
      2016-03-28 10:55:00
                                                          8400.1007 -122.321450
                                         K
1040
      2016-03-28 10:55:00
                                                   K1
                                                          8100.2032 -122.334770
1042
      2016-03-28 10:55:00
                                         В
                                                   B2
                                                          4700.2031 -122.370766
1044
      2016-03-28 11:03:00
                                         S
                                                   S2
                                                         11800.5001 -122.276940
                                         0
1045
     2016-03-28 11:03:00
                                                   01
                                                          9300.1047 -122.321396
       Latitude
                                           Initial Type Description \
                             SUSPICIOUS PERSON, VEHICLE OR INCIDENT
4
      47.604320
                          HARAS - NO BIAS, THREATS OR MALICIOUSNESS
8
      47.579807
17
      47.551910
                                   NOISE - DISTURBANCE (PARTY, ETC)
                                  MOTOR VEHICLE COLLISION, BLOCKING
21
      47.561085
22
      47.684746
                             SUSPICIOUS PERSON, VEHICLE OR INCIDENT
                   HAZ - POTENTIAL THRT TO PHYS SAFETY (NO HAZMAT)
23
      47.586205
24
                  NARCOTICS - VIOLATIONS (LOITER, USE, SELL, NARS)
      47.673820
26
      47.656120
                                                    PROPERTY - FOUND
29
      47.599186
                                                            TRESPASS
38
      47.614094
                                   DISTURBANCE, MISCELLANEOUS/OTHER
40
      47.622295
                                                     MISSING - CHILD
42
      47.690610
                                 FIGHT - IP - PHYSICAL (NO WEAPONS)
48
      47.622560
                                   DISTURBANCE, MISCELLANEOUS/OTHER
52
      47.611404
                               MOTOR VEHICLE COLLISION, HIT AND RUN
                 MOTOR VEHICLE COLLISION, REPORT ONLY - NON INJ...
53
      47.619934
                                   DISTURBANCE, MISCELLANEOUS/OTHER
62
      47.612225
68
      47.645554
                 MOTOR VEHICLE COLLISION, REPORT ONLY - NON INJ...
71
      47.694214
                             SUSPICIOUS PERSON, VEHICLE OR INCIDENT
76
                               MOTOR VEHICLE COLLISION, HIT AND RUN
      47.681458
85
      47.544970
                        FRAUD - FORGERY, BUNCO, SCAMS, ID THEFT, ETC
91
                    ASLT - IP/JO - WITH OR W/O WPNS (NO SHOOTINGS)
      47.579674
                 MOTOR VEHICLE COLLISION, REPORT ONLY - NON INJ...
93
      47.610676
94
      47.539825
                           PARKING VIOLATION (EXCEPT ABANDONED CAR)
                  NARCOTICS - VIOLATIONS (LOITER, USE, SELL, NARS)
95
      47.611206
97
      47.615883
                                                            TRESPASS
98
      47.618237
                          ASLT - WITH OR W/O WEAPONS (NO SHOOTINGS)
99
      47.658943
                         SUSPICIOUS STOP - OFFICER INITIATED ONVIEW
                         HARAS - NO BIAS, THREATS OR MALICIOUSNESS
111
      47.684402
```

889	47.637510	SUSPICIOUS PERSO	ON, VEHICLE OR INCIDENT	
890	47.598340	CRISIS - PERSON IN BEHAV	/IORAL/EMOTIONAL CRISIS	
901	47.608723	ALARM - COMM, SILENT	T/AUD BURG (INCL BANKS)	
913	47.664898	DOWN -	- CHECK FOR PERSON DOWN	
919	47.571373	TRAF	FFIC - BLOCKING ROADWAY	
925	47.602040		TRESPASS	
929	47.601303	DISTURBANC	CE, MISCELLANEOUS/OTHER	
930	47.718193	PARKING VIOLATION	(EXCEPT ABANDONED CAR)	
952	47.614063	TRAFFIC STOP - OF	FFICER INITIATED ONVIEW	
970	47.630882	TRAFFIC STOP - OF	FICER INITIATED ONVIEW	
973	47.688390	WEAPN-IP/JO-GUN, DEADLY W	VPN (NO THRT/ASLT/DIST)	
976	47.518280	THEFT (DOES NOT INC	CLUDE SHOPLIFT OR SVCS)	
980	47.620087	TRU- MOTOR VEHICLE COLLISIO	DN, HIT AND RUN AFTE	
981	47.619717		PROPERTY - DAMAGE	
985	47.615223		TRESPASS	
986	47.617600		TRU - THEFT	
987	47.604360	PARKING VIOLATION	(EXCEPT ABANDONED CAR)	
988	47.693314		TRESPASS	
1009	47.576650		TRU - THEFT	
1012	47.675808	BURG - COMM BURGI	LARY (INCLUDES SCHOOLS)	
1022	47.618730		TRESPASS	
1030	47.662260	PARKING VIOLATION	(EXCEPT ABANDONED CAR)	
1033	47.585040	THREATS (INCLS IN-PERSO	ON/BY PHONE/IN WRITING)	
1034	47.654335		LARY (INCLUDES SCHOOLS)	
1037	47.518880		AUTO RECOVERY	
1039	47.614070	FIGHT - IP -	- PHYSICAL (NO WEAPONS)	
1040	47.607285	PARKING VIOLATION	(EXCEPT ABANDONED CAR)	
1042	47.665043	PARKING VIOLATION	(EXCEPT ABANDONED CAR)	
1044	47.526115	MOTOR VEHICLE COLLISION WIT	TH INJURIES - PRIORI	
1045	47.586205	MOTOR VEHIC	CLE COLLISION, BLOCKING	
		Initial Type Subgroup	Initial Type Group	\
4		SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	
8		THREATS, HARASSMENT	THREATS, HARASSMENT	
17		DISTURBANCES	DISTURBANCES	
21	MOTOR VEHI	CLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS	
22		SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	
23		HAZARDS	HAZARDS	
24		NARCOTICS COMPLAINTS	NARCOTICS COMPLAINTS	
26		PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND	
29		TRESPASS	TRESPASS	
38		DISTURBANCES	DISTURBANCES	
40	PER	SONS - LOST, FOUND, MISSING	PERSONS - LOST, FOUND, MISSING	
42		DISTURBANCES	DISTURBANCES	
48		DISTURBANCES	DISTURBANCES	

115 47.611710 SECONDARY - THEFT (NOT SHOPLIFT OR SERVICES)
118 47.611320 WEAPN-IP/JO-GUN, DEADLY WPN (NO THRT/ASLT/DIST)

52	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
53	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
62	DISTURBANCES	DISTURBANCES
68	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
71	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
76	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
85	FRAUD CALLS	FRAUD CALLS
91	ASSAULTS	ASSAULTS
93	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
94	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
95	NARCOTICS COMPLAINTS	NARCOTICS COMPLAINTS
97	TRESPASS	TRESPASS
98	ASSAULTS	ASSAULTS
99	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
111	THREATS, HARASSMENT	THREATS, HARASSMENT
115	OTHER PROPERTY	THEFT
118	WEAPONS CALLS	WEAPONS CALLS
 889	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
890	BEHAVIORAL HEALTH	CRISIS CALL
901	ALACAD	SUSPICIOUS CIRCUMSTANCES
913	PERSON DOWN/INJURY	CASUALTIES
919	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
925	TRESPASS	TRESPASS
929	DISTURBANCES	DISTURBANCES
930	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
952	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
970	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS
973	WEAPONS CALLS	WEAPONS CALLS
976	OTHER PROPERTY	THEFT
980	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
981	PROPERTY DAMAGE	PROPERTY DAMAGE
985	TRESPASS	TRESPASS
986	OTHER PROPERTY	THEFT
987	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
988	TRESPASS	TRESPASS
1009	OTHER PROPERTY	THEFT
1012	BURGLARY	COMMERCIAL BURGLARIES
1012	TRESPASS	TRESPASS
1030	TRAFFIC RELATED CALLS	
		PARKING VIOLATIONS
1033	THREATS, HARASSMENT	THREATS, HARASSMENT
1034	BURGLARY	COMMERCIAL BURGLARIES
1037	AUTO THEFTS	AUTO RECOVERIES
1039	DISTURBANCES	DISTURBANCES
1040	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1042	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
1044	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
1045	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS

	Officers	at	Scene
4 8 17 21 22 23 24 26 29 38 40 42 48 52 53 62 68 71 76	Officers	at	Scene 1 3 4 1 1 2 3 2 2 3 1 1 1 2 2 2 3 3 1 1 1 1 1
85 91			1 1
93			1
94			3
95 97			1 2
98			1
99			1
111			2
115 118			2 3
889			4
890			1
901			4
913 919			1
925			3
929			2
930			2 1 3 2 2 1
952			1
970 973			2 3 4
973 976			3 4
980			3
981			3
985			3

986	1
987	4
988	1
1009	1
1012	1
1022	1
1030	1
1033	3
1034	1
1037	3
1039	3
1040	4
1042	1
1044	1
1045	2

[198 rows x 17 columns]

Out[38]:	CAD CDW ID CAI	Event Number	General Offense Number	Event Clearance Code \
22	1702337	16000104988	2016104988	280
51	1702367	16000104928	2016104928	41
90	1702407	16000105062	2016105062	40
91	1702408	16000105025	2016105025	40
107	1702424	16000105033	2016105033	220
131	1702448	16000105163	2016105163	177
138	1702455	16000105085	2016105085	430
152	1702469	16000105214	2016105214	177
170	1702487	16000105120	2016105120	245
179	1702496	16000105218	2016105218	245
186	1702503	16000105278	2016105278	177
194	1702511	16000105229	2016105229	63
206	1702524	16000105285	2016105285	161
209	1702527	16000105249	2016105249	280
213	1702532	16000105345	2016105345	177
219	1702538	16000105228	2016105228	63
229	1702549	16000105243	2016105243	245
237	1702558	16000105208		71
252	1702574	16000105397	2016105397	177
253	1702575	16000105392	2016105392	161
275	1702598	16000105343	2016105343	280
281	1702604	16000105421	2016105421	177
283	1702606	16000105387	2016105387	430
285	1702608	16000105356	2016105356	245
290	1702613	16000105154	2016105154	245
293	1702617	16000105436	2016105436	177

304	1702628	16000105457	2016105457	177
305	1702629	16000105442	2016105442	245
313	1702637	16000105483	2016105483	177
315	1702639	16000105474	2016105474	245
				•••
965	1703301	16000106530	2016106530	470
968	1703304	16000106568	2016106568	245
975	1703311	16000106579	2016106579	245
976	1703312	16000106503	2016106503	280
978	1703314	16000106583	2016106583	250
979	1703315	16000106574	2016106574	40
981	1703317	16000106550	2016106550	130
983	1703319	16000106595	2016106595	52
990	1703326	16000106602	2016106602	430
994	1703330	16000106611	2016106611	64
995	1703331	16000106653	2016106653	245
996	1703332	16000106636	2016106636	64
997	1703333	16000106626	2016106626	245
1001	1703337	16000106665	2016106665	64
1004	1703340	16000106628	2016106628	63
1001	1703344	16000106630	2016106630	161
1009	1703345	16000106617	2016106637	63
1011	1703343	16000106576	2016106576	245
1011	1703347	16000106642	2016106642	245
1013	1703349	16000106656	2016106656	430
1013	1703355	16000106499	2016106499	330
1022	1703359	16000106499	2016106499	371
1023	1703365	16000106675	2016106600	470
1028	1703366	16000106675	2016106675	245
1029	1703369	16000106684	20161066644	245
1032	1703309	16000106571	2016106571	245
1035	1703370	1600010671	2016106371	280
1033	1703372	16000106727	2016106727	470
1043 1045	1703380 1703382	16000106728	2016106728 2016106547	280
1045	1703362	16000106547	2010100347	430
		Event Clea	rance Description	\
22			SUSPICIOUS PERSON	\
51			RASSMENT, THREATS	
90		IIA	ASSAULTS, OTHER	
91			ASSAULTS, OTHER	
107		CDICIC CO	MPLAINT - GENERAL	
131		LIQUOR VIOLATION - I		
131			VEHICLE COLLISION	
152		LIQUOR VIOLATION - I		
170			ISTURBANCE, OTHER	
170 179			•	
179 186			ISTURBANCE, OTHER	
100		LIQUOR VIOLATION - I	MIOVICHIED LEUDON	

194	THEFT - CAR PROWL
206	TRESPASS
209	SUSPICIOUS PERSON
213	LIQUOR VIOLATION - INTOXICATED PERSON
219	THEFT - CAR PROWL
229	DISTURBANCE, OTHER
237	AUTO THEFT
252	LIQUOR VIOLATION - INTOXICATED PERSON
	•
253	TRESPASS
275	SUSPICIOUS PERSON
281	LIQUOR VIOLATION - INTOXICATED PERSON
283	MOTOR VEHICLE COLLISION
285	DISTURBANCE, OTHER
290	DISTURBANCE, OTHER
293	LIQUOR VIOLATION - INTOXICATED PERSON
304	LIQUOR VIOLATION - INTOXICATED PERSON
305	DISTURBANCE, OTHER
313	LIQUOR VIOLATION - INTOXICATED PERSON
315	DISTURBANCE, OTHER
	DISTORDANCE, UTHER
965	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
968	DISTURBANCE, OTHER
975	DISTURBANCE, OTHER
976	SUSPICIOUS PERSON
978	MISCHIEF, NUISANCE COMPLAINTS
	·
979	ASSAULTS, OTHER
981	PROPERTY DESTRUCTION
983	BURGLARY - COMMERCIAL
990	MOTOR VEHICLE COLLISION
994	SHOPLIFT
995	DISTURBANCE, OTHER
996	SHOPLIFT
997	DISTURBANCE, OTHER
1001	SHOPLIFT
1004	THEFT - CAR PROWL
1008	TRESPASS
1009	THEFT - CAR PROWL
1011	DISTURBANCE, OTHER
	·
1013	DISTURBANCE, OTHER
1018	MOTOR VEHICLE COLLISION
1022	CASUALTY (NON CRIMINAL/TRAFFIC) - MAN DOWN, SI
1023	PROPERTY - MISSING
1028	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)
1029	DISTURBANCE, OTHER
1032	DISTURBANCE, OTHER
1033	DISTURBANCE, OTHER
1035	SUSPICIOUS PERSON
1042	PARKING VIOLATION (EXCEPT ABANDONED VEHICLES)

1043		SUSPICIOUS PERSON	
1045	МОТО	R VEHICLE COLLISION	
	Event Clearance SubGroup	Event Clearance Group	\
22	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	
51	THREATS, HARASSMENT	THREATS, HARASSMENT	
90	ASSAULTS	ASSAULTS	
91	ASSAULTS	ASSAULTS	
107	CRISIS CALL	BEHAVIORAL HEALTH	
131	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
138	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION	
152	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
170	DISTURBANCES	DISTURBANCES	
179	DISTURBANCES	DISTURBANCES	
186	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
194	CAR PROWL	CAR PROWL	
206	TRESPASS	TRESPASS	
209	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	
213	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
219	CAR PROWL	CAR PROWL	
229	DISTURBANCES	DISTURBANCES	
237	AUTO THEFTS	AUTO THEFTS	
252	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
253	TRESPASS	TRESPASS	
275	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	
281	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
283	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION	
285	DISTURBANCES	DISTURBANCES	
290	DISTURBANCES	DISTURBANCES	
293	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
304	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
305	DISTURBANCES	DISTURBANCES	
313	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
315	DISTURBANCES	DISTURBANCES	
	•••	•••	
965	PARKING VIOLATIONS	TRAFFIC RELATED CALLS	
968	DISTURBANCES	DISTURBANCES	
975	DISTURBANCES	DISTURBANCES	
976	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	
978	NUISANCE, MISCHIEF COMPLAINTS	NUISANCE, MISCHIEF	
979	ASSAULTS	ASSAULTS	
981	PROPERTY DAMAGE	PROPERTY DAMAGE	
983	COMMERCIAL BURGLARIES	BURGLARY	
990		MOTOR VEHICLE COLLISION INVESTIGATION	
994	THEFT	SHOPLIFTING	
995	DISTURBANCES	DISTURBANCES	
996	THEFT	SHOPLIFTING	
997	DISTURBANCES	DISTURBANCES	

1001	THEFT		SHOPLIFTING		
1004	CAR PROWL	CAR PROWL			
1008	TRESPASS			TRESPASS	
1009	CAR PROWL			CAR PROWL	
1011	DISTURBANCES		DISTURBANCES		
1013	DISTURBANCES			DISTURBANCES	
		мотор	VEUTOLE O		
1018	TRAFFIC RELATED CALLS	MUTUR	VEHICLE C	OLLISION INVESTIGATION	
1022	CASUALTIES			PERSON DOWN/INJURY	
1023	PROPERTY - MISSING, FOUND		PRO	PERTY - MISSING, FOUND	
1028	PARKING VIOLATIONS			TRAFFIC RELATED CALLS	
1029	DISTURBANCES			DISTURBANCES	
1032	DISTURBANCES			DISTURBANCES	
1033	DISTURBANCES			DISTURBANCES	
1035	SUSPICIOUS CIRCUMSTANCES		QII	SPICIOUS CIRCUMSTANCES	
			50		
1042	PARKING VIOLATIONS			TRAFFIC RELATED CALLS	
1043	SUSPICIOUS CIRCUMSTANCES			SPICIOUS CIRCUMSTANCES	
1045	TRAFFIC RELATED CALLS	MOTOR	VEHICLE C	OLLISION INVESTIGATION	
	Event Clearance Date District/S	Sector Z	Zone/Beat	Census Tract Longitude	
22	2016-03-26 17:30:00	J	Ј3	2900.2003 -122.355300	
51	2016-03-26 18:10:00	E	E1	7400.2000 -122.320915	
90	2016-03-26 19:37:00	K	КЗ	9200.2028 -122.330810	
91	2016-03-26 19:38:00	R	R2	10001.1002 -122.299160	
		G			
107	2016-03-26 19:45:00		G1	9100.1002 -122.318430	
131	2016-03-26 20:23:00	H	H1	8100.3011 -122.342880	
138	2016-03-26 20:36:00	G	G2	8800.3015 -122.296770	
152	2016-03-26 21:15:00	M	M1	8100.3011 -122.342880	
170	2016-03-26 21:35:00	C	C3	7900.3002 -122.311480	
179	2016-03-26 21:56:00	K	КЗ	9200.2028 -122.330810	
186	2016-03-26 22:16:00	Н	H1	9200.2028 -122.330810	
194	2016-03-26 22:20:00	В	B2	3400.1007 -122.366035	
206	2016-03-26 23:00:00	E	E2	8400.1008 -122.320770	
	2016-03-26 22:57:00	L			
209			L2	2000.1011 -122.306335	
213	2016-03-26 23:12:00	0	01	9300.3019 -122.329056	
219	2016-03-26 23:18:00	E	E2	7500.4007 -122.315540	
229	2016-03-26 23:38:00	E	E1	7401.2004 -122.320915	
237	2016-03-26 22:32:00	Н	H2	9100.2007 -122.323760	
252	2016-03-27 00:27:00	M	M1	8100.3011 -122.342880	
253	2016-03-27 00:36:00	Н	НЗ	4700.4007 -122.384740	
275	2016-03-27 00:52:00	C	C2	7900.4000 -122.309494	
281	2016-03-27 01:01:00	R	R1	9400.4013 -122.313805	
283	2016-03-27 01:02:00	E	E2	7500.4015 -122.320790	
285	2016-03-27 00:31:00	E	E2	7500.4006 -122.318140	
290	2016-03-27 01:02:00	E	E2	8400.1008 -122.320770	
293	2016-03-27 01:22:00	D	D1	8002.2005 -122.345860	
304	2016-03-27 01:40:00	K	КЗ	9200.2028 -122.330810	
305	2016-03-27 01:56:00	E	E2	8600.1003 -122.316780	
313	2016-03-27 02:10:00	K	КЗ	9200.2028 -122.330810	
	· · · - <del> · · ·</del>				

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10100.2013 -122.288010
315
      2016-03-27 02:04:00
                                         R
                                                   R3
. . .
965
      2016-03-28 08:08:00
                                                          4700.3011 -122.378880
                                         В
                                                   B1
      2016-03-28 08:30:00
                                                          8100.3001 -122.339460
968
                                         Μ
                                                   M1
975
      2016-03-28 08:31:00
                                         Μ
                                                   M2
                                                          7200.1067 -122.341545
                                         F
                                                         11402.2012 -122.357850
976
      2016-03-28 08:30:00
                                                   F2
978
      2016-03-28 08:47:00
                                         Μ
                                                   M2
                                                          8100.2000 -122.337320
979
      2016-03-28 08:49:00
                                         N
                                                   N1
                                                          1400.3010 -122.362730
                                         D
981
      2016-03-28 08:49:00
                                                   D2
                                                          7200.1070 -122.341736
983
      2016-03-28 08:56:00
                                         Η
                                                   НЗ
                                                          2800.4003 -122.355300
                                         G
990
      2016-03-28 09:06:00
                                                   G1
                                                          8600.3009 -122.319410
994
      2016-03-28 09:20:00
                                          Q
                                                   Q3
                                                          7000.3021 -122.354750
995
      2016-03-28 09:37:00
                                                   M2
                                                          8100.2004 -122.337590
                                         Μ
996
                                          G
      2016-03-28 09:33:00
                                                   G3
                                                          9000.2033 -122.313440
                                         Ε
997
      2016-03-28 09:34:00
                                                   E2
                                                          7500.4016 -122.320760
1001
      2016-03-28 09:48:00
                                         Η
                                                   НЗ
                                                          9000.2033 -122.313440
1004
      2016-03-28 09:51:00
                                          С
                                                   C2
                                                          7700.2008 -122.298775
1008
      2016-03-28 09:56:00
                                         В
                                                   B1
                                                          4700.2004 -122.374900
1009
      2016-03-28 09:51:00
                                         0
                                                   02
                                                          9300.3224 -122.329056
1011
      2016-03-28 09:53:00
                                         В
                                                   B1
                                                          4700.4004 -122.384740
                                                          9200.2002 -122.331390
1013
      2016-03-28 10:07:00
                                         K
                                                   КЗ
1018
      2016-03-28 10:18:00
                                         R
                                                   R1
                                                         10401.2012 -122.301735
1022 2016-03-28 10:10:00
                                         Ε
                                                   E1
                                                          7402.1009 -122.322860
1023
      2016-03-28 10:25:00
                                         D
                                                   D2
                                                          7300.3022 -122.336170
1028
     2016-03-28 10:34:00
                                         F.
                                                   E3
                                                          8300.1003 -122.326904
                                         В
1029
      2016-03-28 10:31:00
                                                   ВЗ
                                                          5000.3000 -122.342130
1032
      2016-03-28 10:47:00
                                                          8002.1001 -122.342400
                                         Μ
                                                   M1
                                          0
1033
      2016-03-28 10:37:00
                                                   01
                                                          9300.3017 -122.333270
1035
                                         U
                                                   U2
      2016-03-28 10:55:00
                                                          5200.3001 -122.322450
1042
      2016-03-28 10:55:00
                                         В
                                                   B2
                                                          4700.2031 -122.370766
1043
      2016-03-28 11:03:00
                                         F
                                                   F1
                                                         10701.2011 -122.362150
1045
     2016-03-28 11:03:00
                                         0
                                                   01
                                                          9300.1047 -122.321396
                                            Initial Type Description
       Latitude
                             SUSPICIOUS PERSON, VEHICLE OR INCIDENT
22
      47.684746
                          HARAS - NO BIAS, THREATS OR MALICIOUSNESS
51
      47.622560
90
      47.600464
                    ASLT - IP/JO - WITH OR W/O WPNS (NO SHOOTINGS)
      47.579674
                     ASLT - IP/JO - WITH OR W/O WPNS (NO SHOOTINGS)
91
                                       DOWN - CHECK FOR PERSON DOWN
107
      47.599186
131
      47.609814
                                                 DETOX - REQUEST FOR
138
                               MOTOR VEHICLE COLLISION, HIT AND RUN
      47.601654
                                                 DETOX - REQUEST FOR
152
      47.609814
170
      47.612225
                                   DISTURBANCE, MISCELLANEOUS/OTHER
179
      47.600464
                                       FIGHT - IP/JO - WITH WEAPONS
186
      47.600464
                                                 DETOX - REQUEST FOR
194
      47.675625
                                                         TRU - THEFT
206
      47.613518
                      LEWD - (EXPOSING, FLASHING, URINATING IN PUB)
209
      47.693027
                  NARCOTICS - VIOLATIONS (LOITER, USE, SELL, NARS)
```

213	47.579807	DETOX - REQUEST FOR
219	47.614693	THEFT (DOES NOT INCLUDE SHOPLIFT OR SVCS)
229	47.622560	THREATS (INCLS IN-PERSON/BY PHONE/IN WRITING)
237	47.597507	AUTO THEFT - VEH THEFT OR THEFT AND RECOVERY
252	47.609814	DETOX - REQUEST FOR
253	47.669820	NUISANCE - MISCHIEF
275	47.615864	NUISANCE - MISCHIEF
281	47.581013	DETOX - REQUEST FOR
283	47.614655	MOTOR VEHICLE COLLISION, HIT AND RUN
285	47.614094	DISTURBANCE, MISCELLANEOUS/OTHER
290	47.613518	NUISANCE - MISCHIEF
	47.612990	DETOX - REQUEST FOR
	47.600464	DETOX - REQUEST FOR
305	47.610977	FIGHT - IP - PHYSICAL (NO WEAPONS)
313	47.600464	DETOX - REQUEST FOR
315	47.563457	FIGHT - VERBAL/ORAL (NO WEAPONS)
		TIGHT VEHICAE/ ORAL (NO WEAT OND)
 965	47.670540	PARKING VIOLATION (EXCEPT ABANDONED CAR)
	47.609055	
968		DISTURBANCE, MISCELLANEOUS/OTHER
975	47.612780	DISTURBANCE, MISCELLANEOUS/OTHER
976	47.518280	THEFT (DOES NOT INCLUDE SHOPLIFT OR SVCS)
978	47.611320	NUISANCE - MISCHIEF
979	47.701393	ASLT - IP/JO - WITH OR W/O WPNS (NO SHOOTINGS)
981	47.619717	PROPERTY - DAMAGE
983	47.690216	BURG - COMM BURGLARY (INCLUDES SCHOOLS)
990	47.603520	TRU- MOTOR VEHICLE COLLISION, HIT AND RUN AFTE
994	47.624577	SHOPLIFT - THEFT
	47.611206	FIGHT - IP - PHYSICAL (NO WEAPONS)
996	47.596653	ROBBERY (INCLUDES STRONG ARM)
997	47.612960	DISTURBANCE, MISCELLANEOUS/OTHER
1001	47.596653	SHOPLIFT - THEFT
1004	47.623127	TRU - THEFT
1008	47.667890	DISTURBANCE, MISCELLANEOUS/OTHER
1009	47.576650	TRU - THEFT
1011	47.670547	TRESPASS
1013	47.601074	FIGHT - IP - PHYSICAL (NO WEAPONS)
1018	47.555080	TRU- MOTOR VEHICLE COLLISION, HIT AND RUN AFTE
1022	47.618730	TRESPASS
1023	47.616055	PROPERTY, LOST OR MISSING
1028	47.609585	PARKING VIOLATION (EXCEPT ABANDONED CAR)
1029	47.661755	TRESPASS
1032	47.612118	DISTURBANCE, MISCELLANEOUS/OTHER
1033	47.585040	THREATS (INCLS IN-PERSON/BY PHONE/IN WRITING)
1035	47.656002	SUSPICIOUS STOP - OFFICER INITIATED ONVIEW
1042	47.665043	PARKING VIOLATION (EXCEPT ABANDONED CAR)
	47.535515	SUSPICIOUS PERSON, VEHICLE OR INCIDENT
	47.586205	MOTOR VEHICLE COLLISION, BLOCKING
1010	11.000200	TIGIGIO VERTICEE CONTINUINA

	T 1	T 3 m . 0
00	Initial Type Subgroup	Initial Type Group
22	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
51	THREATS, HARASSMENT	THREATS, HARASSMENT
90	ASSAULTS	ASSAULTS
91	ASSAULTS	ASSAULTS
107	PERSON DOWN/INJURY	CASUALTIES
131	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
138	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
152	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
170	DISTURBANCES	DISTURBANCES
179	DISTURBANCES	DISTURBANCES
186	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
194	OTHER PROPERTY	THEFT
206	LEWD CONDUCT	SUSPICIOUS CIRCUMSTANCES
209	NARCOTICS COMPLAINTS	NARCOTICS COMPLAINTS
213	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
219	OTHER PROPERTY	THEFT
229	THREATS, HARASSMENT	THREATS, HARASSMENT
237	AUTO THEFTS	AUTO RECOVERIES
252	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
253	MISCELLANEOUS MISDEMEANORS	MISCELLANEOUS MISDEMEANORS
275	MISCELLANEOUS MISDEMEANORS	MISCELLANEOUS MISDEMEANORS
281	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
283	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
285	DISTURBANCES	DISTURBANCES
290	MISCELLANEOUS MISDEMEANORS	MISCELLANEOUS MISDEMEANORS
293	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
304	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
305	DISTURBANCES	DISTURBANCES
313	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS
315	DISTURBANCES	DISTURBANCES
	•••	
965	TRAFFIC RELATED CALLS	PARKING VIOLATIONS
968	DISTURBANCES	DISTURBANCES
975	DISTURBANCES	DISTURBANCES
976	OTHER PROPERTY	THEFT
978	MISCELLANEOUS MISDEMEANORS	MISCELLANEOUS MISDEMEANORS
979	ASSAULTS	ASSAULTS
981	PROPERTY DAMAGE	PROPERTY DAMAGE
983	BURGLARY	COMMERCIAL BURGLARIES
990	MOTOR VEHICLE COLLISION INVESTIGATION	TRAFFIC RELATED CALLS
994	SHOPLIFTING	THEFT
995	DISTURBANCES	DISTURBANCES
996	ROBBERY	ROBBERY
997	DISTURBANCES	DISTURBANCES
1001	SHOPLIFTING	THEFT
1004	OTHER PROPERTY	THEFT
1008	DISTURBANCES	DISTURBANCES
	2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

THEFT	OTHER PROPERTY	1009
TRESPASS	TRESPASS	1011
DISTURBANCES	DISTURBANCES	1013
TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION	1018
TRESPASS	TRESPASS	1022
PROPERTY - MISSING, FOUND	PROPERTY - MISSING, FOUND	1023
PARKING VIOLATIONS	TRAFFIC RELATED CALLS	1028
TRESPASS	TRESPASS	1029
DISTURBANCES	DISTURBANCES	1032
THREATS, HARASSMENT	THREATS, HARASSMENT	1033
SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	1035
PARKING VIOLATIONS	TRAFFIC RELATED CALLS	1042
SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	1043
TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION	1045

## Officers at Scene

	01110010	٠.٠	200110
22			1
51			3
90			1
91			1
107			2
131			1
138			1
152			1
170			3
179			4
186			3
194			3 2
206			2
209			2
213			3
219			1
229			1
237			1
252			1
253			1
275			1
281			4
283			1
285			2
290			3
293			1
304			1
305			3
313			3
315			2
 965			4

```
975
                                2
         976
                                4
         978
                                2
                                2
         979
         981
                                3
                                2
         983
         990
                                2
         994
                                3
         995
                                1
         996
                                2
         997
                                1
         1001
                                1
                                2
         1004
         1008
                                1
         1009
                                1
         1011
                                1
         1013
                                1
         1018
                                1
         1022
                                1
         1023
                                1
         1028
         1029
                                1
         1032
                                3
         1033
                                3
         1035
                                2
         1042
                                1
                                2
         1043
         1045
         [247 rows x 17 columns]
In [39]: #This code keeps the first Longitude entry and drops the duplicate
         df_copy.drop_duplicates(subset='Longitude', keep='first', inplace=True)
In [40]: #Test the code
         df_copy[df_copy['Longitude'].duplicated()]
Out[40]: Empty DataFrame
         Columns: [CAD CDW ID, CAD Event Number, General Offense Number, Event Clearance Code,
         Index: []
In [41]: #The following code will demonstrate any duplicates in the data for the Latitude valu
         df_copy[df_copy['Latitude'].duplicated()]
              CAD CDW ID CAD Event Number General Offense Number Event Clearance Code
Out [41]:
         17
                 1702332
                               16000104752
                                                        2016104752
                                                                                     250
         18
                 1702333
                               16000105020
                                                        2016105020
                                                                                     177
         60
                 1702377
                               16000105081
                                                        2016105081
                                                                                     177
```

137	1702454	16000105145	2010105145
346	1702670	16000105358	2016105358
377	1702702	16000105405	2016105405
386	1702712	16000105589	2016105589
432	1702759	16000105633	2016105633
451	1702778	16000105624	2016105624
476	1702803	16000105668	2016105668
505	1702832	16000105760	2016105760
638	1702965	16000106036	2016106036
679	1703009	16000106103	2016106103
713	1703044	16000106041	2016106041
718	1703049	16000106046	2016106046
733	1703043	16000105851	2016105851
785 785	1703004	16000103031	2016106270
786	1703110	16000106270	2016106265
788	1703119	16000106246	2016106246
802	1703121	16000106246	2016106246
802 806	1703135	16000106226	2016106226
	1703139	16000106276	2016106276
867 997			2016106370
887	1703221	16000106402	
900	1703234	16000106430	2016106430
902	1703236	16000106364	2016106364
908	1703242	16000106394	2016106394
941	1703276	16000106495	2016106495
946	1703281	16000106490	2016106490
962	1703298	16000106555	2016106555
985	1703321	16000106588	2016106588
992	1703328	16000106618	2016106618
1007	1703343	16000106638	2016106638
1019	1703356	16000106623	2016106623
1025	1703362	16000106529	2016106529
		E 07	omongo Docamintian
17			arance Description
17			UISANCE COMPLAINTS
18		LIQUOR VIOLATION - :	
60		LIQUOR VIOLATION - 1	
137		]	DISTURBANCE, OTHER
346			ASSAULTS, OTHER
377			NARCOTICS, OTHER
386	DADI/THA	MICHARION /PROPER 1	HAZARDS
432	PARKING	VIOLATION (EXCEPT A)	
451			DISTURBANCE, OTHER
476			VEHICLE COLLISION
505		]	DISTURBANCE, OTHER
638			SUSPICIOUS PERSON
679		]	DISTURBANCE, OTHER
713			TRESPASS
718			SHOPLIFT

733 785 786 788 802 806 867 887 900	•	- INTOXICATED PERSON DR VIOLATION - ADULT PROWLER	
902	BURGLARY - UNOCCUPIED STRUCTUF		
908	DRIVING WHILE UN	NDER INFLUENCE (DUI)	
941	ALACAD - COMMERCI	IAL BURGLARY (FALSE)	
946	PARKING VIOLATION (EXCEPT	ABANDONED VEHICLES)	
962		SUSPICIOUS PERSON	
985		TRESPASS	
992	PARKING VIOLATION (EXCEPT		
1007	•	DR VIOLATION - ADULT	
1019	PARKING VIOLATION (EXCEPT		
1025	MOTO	OR VEHICLE COLLISION	
4 🕶	Event Clearance SubGroup	1	\
17	NUISANCE, MISCHIEF COMPLAINTS	NUISANCE, MISCHIEF	
18 60	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
137	LIQUOR VIOLATIONS DISTURBANCES	LIQUOR VIOLATIONS DISTURBANCES	
346	ASSAULTS	ASSAULTS	
377	NARCOTICS COMPLAINTS	NARCOTICS COMPLAINTS	
386	HAZARDS	HAZARDS	
432	PARKING VIOLATIONS	TRAFFIC RELATED CALLS	
451	DISTURBANCES	DISTURBANCES	
476	TRAFFIC RELATED CALLS	MOTOR VEHICLE COLLISION INVESTIGATION	
505	DISTURBANCES	DISTURBANCES	
638	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	
679	DISTURBANCES	DISTURBANCES	
713	TRESPASS	TRESPASS	
718	THEFT	SHOPLIFTING	
733	PARKING VIOLATIONS	TRAFFIC RELATED CALLS	
785	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
786	LIQUOR VIOLATIONS	LIQUOR VIOLATIONS	
788	PROWLER	PROWLER GERGINGTANGER	
802	SUSPICIOUS CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES	
806 867	DISTURBANCES	DISTURBANCES SUSPICIOUS CIRCUMSTANCES	
867 887	SUSPICIOUS CIRCUMSTANCES ASSAULTS	SUSPICIOUS CIRCUMSIANCES ASSAULTS	
900	DISTURBANCES	ASSAULIS DISTURBANCES	
902	RESIDENTIAL BURGLARIES	BURGLARY	
908	TRAFFIC RELATED CALLS	TRAFFIC RELATED CALLS	
941	BURGLARY ALACAD (FALSE)	FALSE ALACAD	

```
946
                  PARKING VIOLATIONS
                                                       TRAFFIC RELATED CALLS
962
           SUSPICIOUS CIRCUMSTANCES
                                                    SUSPICIOUS CIRCUMSTANCES
985
                            TRESPASS
                                                                     TRESPASS
992
                 PARKING VIOLATIONS
                                                       TRAFFIC RELATED CALLS
                  LIQUOR VIOLATIONS
                                                            LIQUOR VIOLATIONS
1007
1019
                 PARKING VIOLATIONS
                                                       TRAFFIC RELATED CALLS
1025
              TRAFFIC RELATED CALLS
                                      MOTOR VEHICLE COLLISION INVESTIGATION
     Event Clearance Date District/Sector Zone/Beat
                                                       Census Tract
                                                                       Longitude
17
      2016-03-26 17:30:00
                                                          10200.4025 -122.274760
                                          R.
                                                   R3
                                                   01
      2016-03-26 17:39:00
                                          0
                                                           9300.3014 -122.329990
18
60
      2016-03-26 18:49:00
                                          G
                                                   G1
                                                           9100.1004 -122.317220
                                          R
                                                          10100.4001 -122.291000
137
      2016-03-26 20:42:00
                                                   R2
346
      2016-03-27 03:18:00
                                          K
                                                   K2
                                                           8100.1057 -122.332870
                                          Ε
                                                   E2
377
      2016-03-27 04:35:00
                                                           7500.4014 -122.318794
386
      2016-03-27 05:15:00
                                          K
                                                   K1
                                                           8100.1022 -122.339410
432
      2016-03-27 08:02:00
                                          W
                                                   W2
                                                          10500.4003 -122.386780
                                          K
451
      2016-03-27 09:16:00
                                                   КЗ
                                                           9100.2002 -122.327010
476
      2016-03-27 10:38:00
                                          В
                                                   B3
                                                           5100.1021 -122.333720
505
      2016-03-27 11:54:00
                                          В
                                                   B1
                                                           3200.3007 -122.391500
                                          G
638
      2016-03-27 17:28:00
                                                   G2
                                                           8700.1012 -122.306320
      2016-03-27 18:55:00
                                          G
                                                   G1
                                                           9100.1002 -122.320335
679
713
      2016-03-27 19:50:00
                                          В
                                                   B1
                                                           4700.2042 -122.374855
718
      2016-03-27 19:51:00
                                          В
                                                   ВЗ
                                                           5000.1042 -122.339910
733
      2016-03-27 20:19:00
                                          J
                                                   .12
                                                           2900.1006 -122.359314
785
      2016-03-27 22:20:00
                                          Η
                                                           9200.2000 -122.329025
                                                   НЗ
786
      2016-03-27 22:18:00
                                          Ε
                                                   E2
                                                           7500.5009 -122.320020
                                          F
788
                                                   F2
                                                          11402.2022 -122.356500
      2016-03-27 22:25:00
                                          F
802
      2016-03-27 22:56:00
                                                   F2
                                                          11402.2002 -122.359146
806
      2016-03-27 23:17:00
                                          U
                                                   U2
                                                           5301.2007 -122.316530
867
      2016-03-28 02:17:00
                                          U
                                                   U2
                                                           5301.2004 -122.315810
887
      2016-03-28 03:21:00
                                          Ε
                                                   E2
                                                           7500.4016 -122.319450
900
      2016-03-28 04:26:00
                                          Η
                                                   НЗ
                                                          11300.3007 -122.355120
902
      2016-03-28 04:32:00
                                          Q
                                                   Q2
                                                           6700.4034 -122.344230
908
      2016-03-28 04:49:00
                                          Ε
                                                   ЕЗ
                                                           8400.1004 -122.324460
                                          F
941
      2016-03-28 06:59:00
                                                   F3
                                                          11300.1000 -122.339005
                                          Ε
      2016-03-28 07:03:00
                                                           7402.3006 -122.326744
946
                                                   E1
962
      2016-03-28 08:07:00
                                          J
                                                   J2
                                                           2900.1001 -122.360650
985
      2016-03-28 08:56:00
                                          D
                                                   D2
                                                           7300.2023 -122.333790
                                          F.
                                                           7500.3002 -122.317795
992
      2016-03-28 09:16:00
                                                   F.1
1007
      2016-03-28 09:54:00
                                          U
                                                   U2
                                                           5301.2006 -122.317640
                                          J
1019
      2016-03-28 10:15:00
                                                   J2
                                                           3300.1009 -122.375130
1025
      2016-03-28 10:26:00
                                          N
                                                   N1
                                                           1701.3002 -122.355450
       Latitude
                                            Initial Type Description \
17
      47.551910
                                   NOISE - DISTURBANCE (PARTY, ETC)
18
      47.579807
                                                 DETOX - REQUEST FOR
60
      47.599186
                                                 DETOX - REQUEST FOR
```

407			
137	47.571580	ANIMAL - DANGEROUS	
346	47.601720	ASLT - WITH OR W/O WEAPONS (NO SHOOTINGS)	
377	47.614090	NARCOTICS - VIOLATIONS (LOITER, USE, SELL, NARS)	
386	47.605340	HAZ - POTENTIAL THRT TO PHYS SAFETY (NO HAZMAT)	
432	47.561104	PARKING VIOLATION (EXCEPT ABANDONED CAR)	
451	47.599194	DISTURBANCE, MISCELLANEOUS/OTHER	
476	47.661385	TRU- MOTOR VEHICLE COLLISION, HIT AND RUN AFTE	
505	47.668663	DISTURBANCE, MISCELLANEOUS/OTHER	
638	47.608017	SHOPLIFT - THEFT	
679	47.599186	ASLT - IP/JO - WITH OR W/O WPNS (NO SHOOTINGS)	
713	47.663662	TRESPASS	
718	47.661385	SHOPLIFT - THEFT	
733	47.689835	PARKING VIOLATION (EXCEPT ABANDONED CAR)	
785	47.601720	DETOX - PICKUP (FIRE / POLICE STANDING BY)	
786	47.615240	SUSPICIOUS STOP - OFFICER INITIATED ONVIEW	
788	47.518100	TRESPASS	
802	47.522335	BURG - IP/JO - RES (INCL UNOCC STRUCTURES)	
806	47.662205	FIGHT - IP - PHYSICAL (NO WEAPONS)	
867	47.663110	SUSPICIOUS PERSON, VEHICLE OR INCIDENT	
887	47.614082	ASLT - IP/JO - WITH OR W/O WPNS (NO SHOOTINGS)	
900	47.521950	NOISE - DIST, GENERAL (CONST, RESID, BALL PLAY)	
902	47.630585	BURG - COMM BURGLARY (INCLUDES SCHOOLS)	
908	47.614090	TRAFFIC STOP - OFFICER INITIATED ONVIEW	
941	47.536040	ALARM - COMM, SILENT/AUD BURG (INCL BANKS)	
946	47.618114	PARKING VIOLATION (EXCEPT ABANDONED CAR)	
962	47.689835	SUSPICIOUS PERSON, VEHICLE OR INCIDENT	
985	47.615223	TRESPASS	
992	47.623690	PARKING VIOLATION (EXCEPT ABANDONED CAR)	
1007	47.661297	DISTURBANCE, MISCELLANEOUS/OTHER	
1019	47.678673	PARKING VIOLATION (EXCEPT ABANDONED CAR)	
1025	47.705082	MOTOR VEHICLE COLLISION, REPORT ONLY - NON INJ	
		Initial Type Subgroup Initial Type Group	\
17		DISTURBANCES DISTURBANCES	
18		LIQUOR VIOLATIONS LIQUOR VIOLATIONS	
60		LIQUOR VIOLATIONS LIQUOR VIOLATIONS	
137		ANIMAL COMPLAINTS ANIMAL COMPLAINTS	
346		ASSAULTS ASSAULTS	
377		NARCOTICS COMPLAINTS NARCOTICS COMPLAINTS	
386		HAZARDS HAZARDS	
432		TRAFFIC RELATED CALLS PARKING VIOLATIONS	
451	MOROS	DISTURBANCES DISTURBANCES	
476	MUTUR VEHI	CLE COLLISION INVESTIGATION TRAFFIC RELATED CALLS	
505		DISTURBANCES DISTURBANCES	
638		SHOPLIFTING THEFT	
679		ASSAULTS ASSAULTS	
713		TRESPASS TRESPASS	
718		SHOPLIFTING THEFT	

733	TRAFFIC	RELATED CALLS	PARKING VIOLATIONS
785	LIQ	JOR VIOLATIONS	LIQUOR VIOLATIONS
786	SUSPICIOUS	CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
788		TRESPASS	TRESPASS
802		BURGLARY	RESIDENTIAL BURGLARIES
806		DISTURBANCES	DISTURBANCES
867	SUSPICIOUS	CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
887		ASSAULTS	ASSAULTS
900		DISTURBANCES	NOISE DISTURBANCE
902		BURGLARY	COMMERCIAL BURGLARIES
908	TRAFFIC	RELATED CALLS	TRAFFIC RELATED CALLS
941		ALACAD	SUSPICIOUS CIRCUMSTANCES
946	TRAFFIC	RELATED CALLS	PARKING VIOLATIONS
962	SUSPICIOUS	CIRCUMSTANCES	SUSPICIOUS CIRCUMSTANCES
985		TRESPASS	TRESPASS
992	TRAFFIC	RELATED CALLS	PARKING VIOLATIONS
1007		DISTURBANCES	DISTURBANCES
1019	TRAFFIC	RELATED CALLS	PARKING VIOLATIONS
1025	MOTOR VEHICLE COLLISION	INVESTIGATION	TRAFFIC RELATED CALLS

## Officers at Scene

17	4
18	1
60	3
137	2
346	2
377	3
386	1
432	3
451	3
476	1
505	4
638	1
679	3
713	3
718	1
733	3
785	1
786	2
788	2
802	2
806	1
867	1
887	2
900	1
902	1
908	3
941	1

```
946
                               1
         962
                               3
         985
                               3
         992
                               3
                               4
         1007
         1019
                               1
         1025
In [42]: #This code keeps the first Latitude entry and drops the duplicate
         df_copy.drop_duplicates(subset='Latitude', keep='first', inplace=True)
In [43]: #Test the code
         df_copy[df_copy['Latitude'].duplicated()]
Out[43]: Empty DataFrame
         Columns: [CAD CDW ID, CAD Event Number, General Offense Number, Event Clearance Code,
         Index: []
In [61]: #save the cleaned document to csv
         df_copy.to_csv('Clean Data.csv', index=False)
```

#### 2.2 III. Create Data Sheets

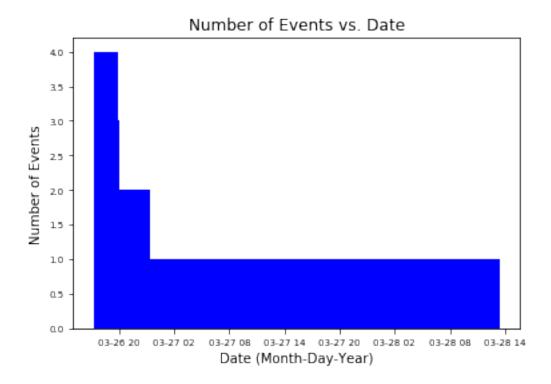
#### 2.2.1 1.) Table: date and number of events

```
In [44]: df_copy['Event Clearance Date'].value_counts()
Out[44]: 2016-03-26 20:50:00
                                 4
         2016-03-26 20:09:00
         2016-03-26 19:33:00
         2016-03-27 01:01:00
         2016-03-27 00:39:00
                                 3
         2016-03-26 18:14:00
                                 3
         2016-03-26 22:53:00
                                3
         2016-03-27 11:59:00
                                 3
         2016-03-26 20:25:00
                                 3
         2016-03-26 18:57:00
                                 3
         2016-03-27 15:41:00
                                 3
         2016-03-27 15:57:00
                                 3
         2016-03-26 23:20:00
                                 3
         2016-03-27 00:49:00
                                 3
         2016-03-26 19:56:00
                                 3
         2016-03-26 22:33:00
                                 3
                                 2
         2016-03-27 17:50:00
         2016-03-27 02:35:00
         2016-03-27 03:43:00
         2016-03-26 19:16:00
                                 2
         2016-03-28 05:51:00
                                 2
         2016-03-27 10:05:00
```

```
2016-03-27 19:14:00
                        2
2016-03-27 22:43:00
                        2
2016-03-28 08:29:00
                        2
2016-03-26 22:55:00
                        2
                        2
2016-03-26 17:30:00
2016-03-27 11:54:00
2016-03-27 13:00:00
2016-03-27 00:43:00
2016-03-27 10:33:00
                        1
2016-03-27 00:47:00
                        1
2016-03-28 10:10:00
                        1
2016-03-28 11:00:00
                        1
2016-03-26 22:21:00
2016-03-26 17:28:00
                        1
2016-03-26 19:55:00
                        1
2016-03-26 17:29:00
                        1
2016-03-27 07:33:00
                        1
2016-03-27 16:02:00
                        1
2016-03-27 20:23:00
                        1
2016-03-28 11:03:00
2016-03-27 22:41:00
2016-03-27 23:29:00
                        1
2016-03-27 22:25:00
2016-03-27 03:18:00
                        1
2016-03-26 22:25:00
                        1
2016-03-26 17:32:00
                        1
2016-03-27 00:52:00
                        1
2016-03-26 19:59:00
2016-03-27 17:37:00
                        1
2016-03-28 02:54:00
                        1
2016-03-26 17:33:00
                        1
2016-03-27 00:53:00
                        1
2016-03-27 03:20:00
                        1
2016-03-27 22:53:00
                        1
2016-03-27 18:00:00
                        1
2016-03-27 00:54:00
2016-03-27 08:14:00
                        1
2016-03-26 23:19:00
                        1
Name: Event Clearance Date, Length: 592, dtype: int64
```

## 2.2.2 2.) Bar graph: date and number of events

```
plt.ylabel('Number of Events')
plt.xlabel('Date (Month-Day-Year)')
plt.title('Number of Events vs. Date')
plt.show()
```



#### 2.2.3 Observation

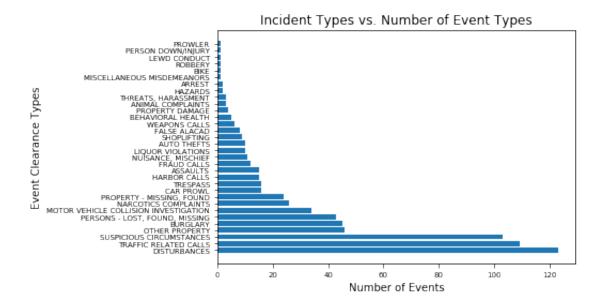
• What is clear both from the table and the bar chart is that there is a sharp uptick in crime on 3-26, followed by a marked leveling. This can be useful when the police are attempting to increase staff on certain days to prepare for the incoming volume of calls and incidents.

## 2.2.4 3.) Table: number of incident occurrences by event type

In [47]: df\_copy['Event Clearance Group'].value\_counts() Out [47]: TRAFFIC RELATED CALLS 123 SUSPICIOUS CIRCUMSTANCES 109 DISTURBANCES 103 MOTOR VEHICLE COLLISION INVESTIGATION 46 FALSE ALACAD 45 CAR PROWL 43 TRESPASS 34 NUISANCE, MISCHIEF 26 LIQUOR VIOLATIONS 24

```
PROPERTY DAMAGE
                                           16
BEHAVIORAL HEALTH
                                           16
BURGLARY
                                           15
AUTO THEFTS
                                           15
SHOPLIFTING
                                           12
ASSAULTS
                                           11
OTHER PROPERTY
                                           10
HAZARDS
                                           10
PROPERTY - MISSING, FOUND
                                            9
NARCOTICS COMPLAINTS
                                            8
ROBBERY
                                            6
FRAUD CALLS
                                            5
THREATS, HARASSMENT
                                            4
                                            3
ANIMAL COMPLAINTS
PERSONS - LOST, FOUND, MISSING
                                            3
                                            2
PERSON DOWN/INJURY
BIKE
ARREST
                                            1
WEAPONS CALLS
                                            1
HARBOR CALLS
                                            1
LEWD CONDUCT
                                            1
PROWLER
                                            1
MISCELLANEOUS MISDEMEANORS
Name: Event Clearance Group, dtype: int64
```

## 2.2.5 4.) Bar graph: number of incident occurrences by event type



## 2.2.6 Observation

• What is clear from both the table and th bar chart is that there are many more Disturbances, Traffic Related Calls, and Suspicious Circumstances. This can be useful when training the police department and selecting special areas of emphasis.

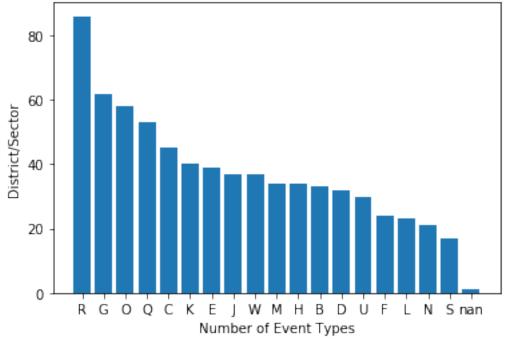
## 2.2.7 5.) Table: sectors and number of events

```
In [57]: df_copy['District/Sector'].value_counts()
Out [57]: H
               86
          В
               62
         Ε
               58
          Q
               53
         М
               45
         D
               40
         R
               39
          С
               37
          U
               37
         N
               34
          W
               34
          K
               33
               32
          J
          F
               30
          S
               24
          G
               23
         L
               21
          0
```

Name: District/Sector, dtype: int64

#### 2.2.8 6.) Bar graph: sectors and number of events





## 2.2.9 Observation

• Evidently, there is quite a lot more crime in District R than there is in District S. This could pose a clear picture of where to locate more police officers.

# 3 Summary

There is quite a lot of useful data that can be utilized to assist the police department in training personnel, anticipating high volume crime times, and determining locations to place officers. The data needed to be thoroughly cleaned before this information could be accurately assessed. However, once that was complete, there were many relationships to explore.