



CITY OF COLUMBIA, MISSOURI



POLICE DEPARTMENT

May 17, 2019

MEMORANDUM FOR THE INTERIM POLICE CHIEF'S VEHICLE STOPS COMMITTEE

FROM: Interim Police Chief Geoff Jones

SUBJECT: 2018 Traffic Stop Data Breakdown

The attached summary report is based on vehicle stop data the Columbia Police Department submitted to the Missouri Attorney General earlier this year. The reporting period is January – December 2018. Raw data on which this report is based are available on the Department's website at <https://www.como.gov/police/crime-data/>.

Please note that the disparity indices have been calculated using the racial data from the 2017 Vehicle Stop Report. Also, gray-shaded areas indicate new data not included in previous reports.

- Lines 10 – 12 reflect resident data required by the State of Missouri, effective January 1, 2018.
- Lines 36 – 37 reflect data collected by CPD but not required by the State of Missouri.

This report draws no conclusions. We look forward to serving as a resource for you as you review this matter in the coming months.

Attachment

Copy: Mayor and City Council



Columbia Police Department Traffic Stop Data Breakdown - Year 2018

01/01/18 through 12/31/18

Category	Count of Incidents							Percentages vs Total Stops							Disparity Index					
	White	Black	Hispanic	Asian	Am Indian	Other	Total	White	Black	Hispanic	Asian	Am Indian	Other	Total	White	Black	Hispanic	Asian	Am Indian	Other
1 Total Stops	10660	4866	344	426	28	383	16707	63.81	29.13	2.06	2.55	0.17	2.29	100	0.80	2.92	0.69	0.49	0.62	1.19

Category	Count of Incidents							Percentages vs Total Stops per Race							Ratios vs Race: White						
	White	Black	Hispanic	Asian	Am Indian	Other	Total	White	Black	Hispanic	Asian	Am Indian	Other	Total	White	Black	Hispanic	Asian	Am Indian	Other	
2 Age of Driver																					
3 Under 18	267	91	6	5	1	10	380	2.50	1.87	1.74	1.17	3.57	2.61	2.27	1.00	0.75	0.70	0.47	1.43	1.04	
4 18 to 29	4689	2501	175	236	10	169	7780	43.99	51.40	50.87	55.40	35.71	44.13	46.57	1.00	1.17	1.16	1.26	0.81	1.00	
5 30 to 39	2276	1181	81	88	8	90	3724	21.35	24.27	23.55	20.66	28.57	23.50	22.29	1.00	1.14	1.10	0.97	1.34	1.10	
6 40 and over	3428	1093	82	97	9	114	4823	32.16	22.46	23.84	22.77	32.14	29.77	28.87	1.00	0.70	0.74	0.71	1.00	0.93	
7 Gender of Driver																					
8 Male	5934	2918	235	271	20	281	9659	55.67	59.97	68.31	63.62	71.43	73.37	57.81	1.00	1.08	1.23	1.14	1.28	1.32	
9 Female	4726	1948	109	155	8	102	7048	44.33	40.03	31.69	36.38	28.57	26.63	42.19	1.00	0.90	0.71	0.82	0.64	0.60	
10 Resident																					
11 Yes	8273	4199	264	374	24	317	13451	77.61	86.29	76.74	87.79	85.71	82.77	80.51	1.00	1.11	0.99	1.13	1.10	1.07	
12 No	2387	667	80	52	4	66	3256	22.39	13.71	23.26	12.21	14.29	17.23	19.49	1.00	0.61	1.04	0.55	0.64	0.77	
13 Location of Stop																					
14 Interstate Highway	263	125	10	6	2	3	409	2.47	2.57	2.91	1.41	7.14	0.78	2.45	1.00	1.04	1.18	0.57	2.90	0.32	
15 US Highway	154	68	12	2	0	5	241	1.44	1.40	3.49	0.47	0.00	1.31	1.44	1.00	0.97	2.41	0.32	0.00	0.90	
16 State Highway	1133	416	40	51	0	30	1670	10.63	8.55	11.63	11.97	0.00	7.83	10.00	1.00	0.80	1.09	1.13	0.00	0.74	
17 County Road	22	19	1	0	0	5	47	0.21	0.39	0.29	0.00	0.00	1.31	0.28	1.00	1.89	1.41	0.00	0.00	6.33	
18 City Street	9052	4209	280	366	26	336	14269	84.92	86.50	81.40	85.92	92.86	87.73	85.41	1.00	1.02	0.96	1.01	1.09	1.03	
19 Other	36	29	1	1	0	4	71	0.34	0.60	0.29	0.23	0.00	1.04	0.42	1.00	1.76	0.86	0.70	0.00	3.09	
20 Reasons for Stop																					
21 Moving Violation	6233	2322	187	269	23	226	9260	58.47	47.72	54.36	63.15	82.14	59.01	55.43	1.00	0.82	0.93	1.08	1.40	1.01	
22 Speed	3011	792	62	118	15	83	4081	28.25	16.28	18.02	27.70	53.57	21.67	24.43	1.00	0.58	0.64	0.98	1.90	0.77	
23 Lane Violation	837	428	45	52	1	42	1405	7.85	8.80	13.08	12.21	3.57	10.97	8.41	1.00	1.12	1.67	1.55	0.45	1.40	
24 Follow to Close	72	17	6	2	0	3	100	0.68	0.35	1.74	0.47	0.00	0.78	0.60	1.00	0.52	2.58	0.70	0.00	1.16	
25 Fail to Signal	501	268	16	16	1	19	821	4.70	5.51	4.65	3.76	3.57	4.96	4.91	1.00	1.17	0.99	0.80	0.76	1.06	
26 Commercial Vehicle Enforce	5	2	0	0	0	0	7	0.05	0.04	0.00	0.00	0.00	0.00	0.04	1.00	0.88	0.00	0.00	0.00	0.00	
27 Other	1807	815	58	81	6	79	2846	16.95	16.75	16.86	19.01	21.43	20.63	17.03	1.00	0.99	0.99	1.12	1.26	1.22	
28 Equipment Violation	1547	832	75	54	2	85	2595	14.51	17.10	21.80	12.68	7.14	22.19	15.53	1.00	1.18	1.50	0.87	0.49	1.53	
29 License Violation	3134	1955	101	108	6	82	5386	29.40	40.18	29.36	25.35	21.43	21.41	32.24	1.00	1.37	1.00	0.86	0.73	0.73	
30 Investigative	194	178	16	5	0	11	404	1.82	3.66	4.65	1.17	0.00	2.87	2.42	1.00	2.01	2.56	0.64	0.00	1.58	
31 Results of Stop																					
32 Citation	1522	754	57	66	7	59	2465	14.28	15.50	16.57	15.49	25.00	15.40	14.75	1.00	1.09	1.16	1.09	1.75	1.08	
33 Warning	8590	3750	268	343	22	294	13267	80.58	77.07	77.91	80.52	78.57	76.76	79.41	1.00	0.96	0.97	1.00	0.98	0.95	
34 No Action	529	280	21	20	0	24	874	4.96	5.75	6.10	4.69	0.00	6.27	5.23	1.00	1.16	1.23	0.95	0.00	1.26	
35 Other	339	297	19	9	0	16	680	3.18	6.10	5.52	2.11	0.00	4.18	4.07	1.00	1.92	1.74	0.66	0.00	1.31	
36 Special Operation	1901	788	47	104	5	81	2926	17.83	16.19	13.66	24.41	17.86	21.15	17.51	1.00	0.91	0.77	1.37	1.00	1.19	
37 Admit to prior drug presence	235	200	14	3	1	3	456	2.20	4.11	4.07	0.70	3.57	0.78	2.73	1.00	1.86	1.85	0.32	1.62	0.36	

Category	Count of Incidents							Percentages vs Total Stops per Race							Ratios vs Race: White					
	White	Black	Hispanic	Asian	Am Indian	Other	Total	White	Black	Hispanic	Asian	Am Indian	Other	Total	White	Black	Hispanic	Asian	Am Indian	Other
38 Stop Resulting in Search	675	679	45	6	0	14	1419	6.33	13.95	13.08	1.41	0.00	3.66	8.49	1.00	2.20	2.07	0.22	0.00	0.58

Category	Counts							Percentages vs Total Searches per Race							Ratios vs Race: White						
	White	Black	Hispanic	Asian	Am Indian	Other	Total	White	Black	Hispanic	Asian	Am Indian	Other	Total	White	Black	Hispanic	Asian	Am Indian	Other	
39 What was Searched																					
40 Driver Only	96	63	4	0	0	2	165	14.22	9.28	8.89	0.00	***	14.29	11.63	1.00	0.65	0.63	0.00	***	1.00	
41 Property Only	171	185	9	1	0	5	371	25.33	27.25	20.00	16.67	***	35.71	26.15	1.00	1.08	0.79	0.66	***	1.41	
42 Both - Driver and Property	408	431	32	5	0	7	883	60.44	63.48	71.11	83.33	***	50.00	62.23	1.00	1.05	1.18	1.38	***	0.83	
43 Reason for Search																					
44 Consent	261	182	16	2	0	3	464	38.67	26.80	35.56	33.33	***	21.43	32.70	1.00	0.69	0.92	0.86	***	0.55	
45 Inventory	11	11	3	0	0	2	27	1.63	1.62	6.67	0.00	***	14.29	1.90	1.00	0.99	4.09	0.00	***	8.77	
46 Drug/Alcohol Odor	153	329	14	4	0	5	505	22.67	48.45	31.11	66.67	***	35.71	35.59	1.00	2.14	1.37	2.94	***	1.58	
47 Incident to Arrest	162	112	12	2	0	6	294	24.00	16.49	26.67	33.33	***	42.86	20.72	1.00	0.69	1.11	1.39	***	1.79	
48 Plain View Contraband	76	80	3	0	0	0	159	11.26	11.78	6.67	0.00	***	0.00	11.21	1.00	1.05	0.59	0.00	***	0.00	
49 Reasonable Suspicion-Weapon	41	61	1	0	0	0	103	6.07	8.98	2.22	0.00	***	0.00	7.26	1.00	1.48	0.37	0.00	***	0.00	
50 Drug Dog Alert	66	24	2	0	0	0	92	9.78	3.53	4.44	0.00	***	0.00	6.48	1.00	0.36	0.45	0.00	***	0.00	
51 Other	29	24	2	0	0	1	56	4.30	3.53	4.44	0.00	***	7.14	3.95	1.00	0.82	1.03	0.00	***	1.66	
52 Duration of Search																					
53 0 to 15 Minutes	637	661	41	6	0	14	1359	94.37	97.35	91.11	100.00	***	100.00	95.77	1.00	1.03	0.97	1.06	***	1.06	
54 15 to 30 Minutes	35	16	4	0	0	5	55	5.19	2.36	8.89	0.00	***	0.00	3.88	1.00	0.45	1.71	0.00	***	0.00	
55 More than 30 Minutes	3	2	0	0	0	0	5	0.44	0.29	0.00	0.00	***	0.00	0.35	1.00	0.66	0.00	0.00	***	0.00	
56 Discovery of Contraband	217	263	14	4	0	5	503	32.15	38.73	31.11	66.67	***	35.71	35.45	1.00	1.20	0.97	2.07	***	1.11	
57 Type of Contraband Found																					
58 Drugs/Alcohol/Paraphernalia	329	357	20	5	0	4	715	48.74	52.58	44.44	83.33	***	28.57	50.39	1.00	1.08	0.91	1.71	***	0.59	
59 Currency	4	4	1	0	0	0	9	0.59	0.59	2.22	0.00	***	0.00	0.63	1.00	0.99	3.75	0.00	***	0.00	
60 Weapon	30																				