



MEMORANDUM

TO: Chief James R. Kruger Jr.
FROM: Deputy Chief Jason Cates
DATE: August 8, 2016
SUBJECT: 2015 Bias Based Profiling Analysis

It is the policy of the Oak Brook Police Department to provide services to all persons without regard to race, ethnic background, gender, gender identity, sexual orientation, religion, economic status, age or cultural group.

A review of 2015 enforcement data did not reveal any pattern or trend that would indicate bias based policing.

In 2015 the Oak Brook Police Department did not receive any complaints alleging disparate treatment based on race, gender, gender identity, sexual orientation, religion, economic status, age or cultural group.

I have reviewed the 2015 traffic enforcement data provided by the Illinois Department of Transportation (IDOT) and compared that data to the statewide average in the table below (Table 1).

Agency	Census Population Non-White	Ratio (Actual stops on non-white)	White (Percentage stopped)	Non-White (Percentage stopped)	Cited (White)	Cited (Non-White)	Warned (White)	Warned (Non-White)
Oak Brook	28.74	1.16	66.54%	33.46%	32.03%	33.61%	67.52%	66.09%
Statewide	28.48	1.25	64.43%	35.57%	43.54%	50.97%	34.50%	27.23%

Table 1

On a comparative basis the stop ratio (non-white to white) of the Oak Brook Police Department is significantly less than that of the statewide average. Additionally, compared to the statewide average, non-whites were 17.36% less likely to be issued a citation by the Oak Brook Police Department.

I have compared our traffic enforcement data to previous years (2004 to 2014) and listed the percentage of change from 2014 to 2015 in the table below (Table 2).

Year	Census Population Non-White	Ratio (Actual stops on non-white)	White (Percentage stopped)	Non-White (Percentage stopped)	Cited (White)	Cited (Non-White)	Warned (White)	Warned (Non-White)
2004	23.71	1.18	71.92%	28.08%	41.6%	46.6%	58.4%	53.4%
2005	23.71	1.17	72.19%	27.81%	44.9%	52.3%	55.1%	47.7%
2006	23.71	1.21	71.22%	28.78%	50.2%	55%	49.8%	45%
2007	23.71	1.19	71.7%	28.3%	54.3%	52.8%	45.7%	47.2%
2008	23.71	1.19	71.84%	28.16%	47.4%	48.1%	52.6%	51.9%
2009	23.71	1.14	72.74%	27.26%	55.2%	55.1%	44.8%	44.9%
2010	23.71	1.22	71.17%	28.83%	50.90%	52.36%	49.02%	47.64%
2011	23.71	1.19	71.78%	28.22%	57.96%	57.56%	41.81%	42.34%
2012	28.74	.97	72.07%	27.93%	54.51%	54.86%	45.38%	44.96%
2013	28.74	1.08	68.85%	31.15%	57.42%	61.32%	42.32%	38.10%
2014	28.74	1.13	67.53%	32.47%	45.32%	50.32%	54.67%	49.68%
2015	28.74	1.16	66.54%	33.46%	32.03%	33.61%	67.52%	66.09%
Change	0	+.03	-.99%	+.99%	-13.29%	-16.71%	+12.85%	+16.41%

Table 2

The 2015 stop ratio increased by .03 when compared to the 2014 stop ratio. However, the number of traffic citations during the same period of comparison decreased significantly for both whites (down 13.29%) and non-whites (down 16.71%).

The table below (Table 3) compares our jurisdiction to every bordering jurisdiction and indicates the frequency at which whites and non-whites received traffic citations in 2015.

Year	Cited (White)	Cited (Non-White)	Difference
Downers Grove	37.22%	41.94%	+4.72%
DuPage County	51.72%	60.96%	+9.24%
Elmhurst	50.39%	55.92%	+5.53%
Hinsdale	46.89%	48.02%	+1.13%
Lombard	42.94%	48.38%	+5.44%
Oakbrook Terrace	40.21%	44.29%	+4.08%
Westchester	60.04%	63.12%	+3.08%
Westmont	27.36%	32.62%	+5.26%
Average	44.59%	49.40%	+4.81%
Oak Brook	32.03%	33.61%	+1.58%
Statewide	43.54%	50.87%	+7.33%

Table 3

The difference in Table 3 is significantly lower (15.79%) than the average of the surrounding jurisdictions.

I have attached a copy of the traffic stop statistical summary for each entity referred to in this analysis.

The 2015 Illinois Traffic Stop Report can be viewed in its entirety at:

<https://idot.illinois.gov/transportation-system/local-transportation-partners/law-enforcement/illinois-traffic-stop-study>

In 2016, this department will continue to seek out education programs for our officers relative to cultural diversity and awareness. We will adhere to all Village and Department Policies with regard to discrimination and will not tolerate any incidents of biased based policing.

ILLINOIS TRAFFIC STOP STUDY, 2015

Agency:	ILLINOIS STATE WIDE
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Stops		
	White Drivers	Minority Drivers
Total Stops	1302964	719361
Percentage Stops	64.43%	35.57%
Duration (Mean\Median)	11\10	12\10
Estimated Minority Driving Population		28.48
Ratio		1.25

Reason for Stop				
	White Drivers		Minority Drivers	
Total Stops	1302964		719361	
Moving Violations	909649	69.81%	464636	64.59%
Equipment Violations	238851	18.33%	159995	22.24%
Licensing / Registration Violations	134802	10.35%	85013	11.82%
Commercial Vehicle Violations	19662	1.51%	9717	1.35%

Outcome of Stop				
	White Drivers		Minority Drivers	
Total Stops	1302964		719361	
Citation	567321	43.54%	365950	50.87%
Written Warning	449563	34.50%	195871	27.23%
Verbal Warning/ Stop Card	286080	21.96%	157540	21.90%

Vehicle Consent Searches				
	White Drivers		Minority Drivers	
Total Stops	1302964		719361	
Requested	12885	1.00%	11029	1.53%
Granted	11028	85.59%	9923	89.97%
Performed	10691	96.94%	9699	97.74%
Found	3020	28.25%	1946	20.06%

Dog Sniff Searches				
	White Drivers		Minority Drivers	
Total Stops	1302964		719361	
Vehicle Dog Sniff Searches	3900	0.30%	2688	0.37%
Dog Alerts	2552	65.44%	1832	68.15%
Search Performed	2489	97.53%	1784	97.38%
Contraband Found	1575	63.28%	991	55.55%

Key Indicators		Total	WH	AA	AI	HIS	ASN	NH	N/S
Stops		2022332	1302964	377876	5569	269076	61908	4932	7
Duration(Mean/Median)		12\10	11\10	13\10	11\10	12\10	10\10	11\10	11\7
Reason For Stop	Moving	1374290	909649	237109	3960	174028	45912	3627	5
	Equipment	398847	238851	85661	1082	61664	10712	876	1
	License	219816	134802	51465	473	27878	4821	376	1
	Commercial Vehicle	29379	19662	3641	54	5506	463	53	0
	N/S	0	0	0	0	0	0	0	7
Outcome of Stop	Citation	933271	567321	187749	2718	143975	28924	2584	0
	Written Warning	645434	449563	106302	1443	67734	19101	1291	0
	Verbal Warning/SC	443627	286080	83825	1408	57367	13883	1057	7
	NS	0	0	0	0	0	0	0	7
Vehicle Consent Searches	Requested	23914	12885	6683	32	4051	235	28	0
	Granted	20951	11028	5918	28	3741	210	26	0
	Performed	20390	10691	5775	28	3665	205	26	0
	Found	4966	3020	1171	9	718	44	4	0
Dog Sniff Searches	Sniffs	6558	3900	1835	13	766	61	13	0
	Alerts	4384	2552	1331	7	457	30	7	0
	Alert Search	4273	2489	1293	7	450	28	6	0
	Found	2566	1575	715	3	252	15	6	0

ILLINOIS TRAFFIC STOP STUDY, 2015

Agency:

DOWNERS GROVE POLICE

Stops

	White Drivers	Minority Drivers
Total Stops	9440	3219
Percentage Stops	74.57	25.43
Duration (Mean\Median)	7\7	8\7
Estimated Minority Driving Population Ratio		25.94
		0.98

Reason for Stop

	White Drivers	Minority Drivers
Total Stops	9440	3219
Moving Violations	7125	2346
Equipment Violations	1199	473
Licensing / Registration Violations	969	312
Commercial Vehicle Violations	147	88

Outcome of Stop

	White Drivers	Minority Drivers
Total Stops	9440	3219
Citation	3514	1350
Written Warning	5904	1860
Verbal Warning/ Stop Card	22	9

Vehicle Consent Searches

	White Drivers	Minority Drivers
Total Stops	9440	3219
Requested	20	11
Granted	15	8
Performed	15	8
Found	2	1

Dog Sniff Searches

	White Drivers	Minority Drivers
Total Stops	9440	3219
Vehicle Dog Sniff Searches	2	0
Dog Alerts	1	0
Search Performed	1	0
Contraband Found	1	0

Key Indicators	Total	WH	AA	AI	HIS	ASN	NH	N/S
Stops	12659	9440	1319	18	1232	567	83	0
Duration(Mean/Median)	7\7	7\7	8\7	9\8	9\7	7\6	7\8	0\0
Reason For Stop	Moving	9471	7125	945	14	874	448	65
	Equipment	1672	1199	185	3	191	83	11
	License	1281	969	171	1	101	32	7
	Commercial Vehicle	235	147	18	0	66	4	0
	N/S	0	0	0	0	0	0	0
Outcome of Stop	Citation	4864	3514	533	6	574	210	27
	Written Warning	7764	5904	786	12	651	355	56
	Verbal Warning/SC	31	22	0	0	7	2	0
	NS	0	0	0	0	0	0	0
Vehicle Consent Searches	Requested	31	20	8	0	3	0	0
	Granted	23	15	6	0	2	0	0
	Performed	23	15	6	0	2	0	0
	Found	3	2	0	0	1	0	0
Dog Sniff Searches	Sniffs	2	2	0	0	0	0	0
	Alerts	1	1	0	0	0	0	0
	Alert Search	1	1	0	0	0	0	0
	Found	1	1	0	0	0	0	0

ILLINOIS TRAFFIC STOP STUDY, 2015

Agency:	ELMHURST POLICE
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Stops		
	White Drivers	Minority Drivers
Total Stops	7581	3845
Percentage Stops	66.35	33.65
Duration (Mean\Median)	10\9	11\10
Estimated Minority Driving Population Ratio		25.94
		1.3

Reason for Stop				
	White Drivers		Minority Drivers	
Total Stops	7581		3845	
Moving Violations	5498	72.52%	2400	62.42%
Equipment Violations	1222	16.12%	1038	27%
Licensing / Registration Violations	859	11.33%	404	10.51%
Commercial Vehicle Violations	2	0.03%	3	0.08%

Outcome of Stop				
	White Drivers		Minority Drivers	
Total Stops	7581		3845	
Citation	3820	50.39%	2150	55.92%
Written Warning	3591	47.37%	1550	40.31%
Verbal Warning/ Stop Card	170	2.24%	145	3.77%

Vehicle Consent Searches				
	White Drivers		Minority Drivers	
Total Stops	7581		3845	
Requested	36	0.47%	40	1.04%
Granted	31	86.11%	38	95%
Performed	31	100%	38	100%
Found	27	87.10%	24	63.16%

Dog Sniff Searches				
	White Drivers		Minority Drivers	
Total Stops	7581		3845	
Vehicle Dog Sniff Searches	9	0.12%	4	0.10%
Dog Alerts	7	77.78%	4	100%
Search Performed	7	100%	4	100%
Contraband Found	5	71.43%	4	100%

Key Indicators		Total	WH	AA	AI	HIS	ASN	NH	N/S
Stops		11426	7581	1530	8	2052	218	37	0
Duration(Mean/Median)		10\10	10\9	11\10	9\10	11\10	10\10	9\8	0\0
Reason For Stop	Moving	7898	5498	923	8	1277	159	33	0
	Equipment	2260	1222	414	0	579	43	2	0
	License	1263	859	192	0	194	16	2	0
	Commercial Vehicle	5	2	1	0	2	0	0	0
	N/S	0	0	0	0	0	0	0	0
Outcome of Stop	Citation	5970	3820	793	2	1213	119	23	0
	Written Warning	5141	3591	668	6	770	93	13	0
	Verbal Warning/SC	315	170	69	0	69	6	1	0
	NS	0	0	0	0	0	0	0	0
Vehicle Consent Searches	Requested	76	36	14	0	26	0	0	0
	Granted	69	31	12	0	26	0	0	0
	Performed	69	31	12	0	26	0	0	0
	Found	51	27	10	0	14	0	0	0
Dog Sniff Searches	Sniffs	13	9	1	0	3	0	0	0
	Alerts	11	7	1	0	3	0	0	0
	Alert Search	11	7	1	0	3	0	0	0
	Found	9	5	1	0	3	0	0	0

ILLINOIS TRAFFIC STOP STUDY, 2015

Agency:

LOMBARD POLICE

Stops

	White Drivers	Minority Drivers
Total Stops	8682	3574
Percentage Stops	70.84	29.16
Duration (Mean\Median)	7\7	8\7
Estimated Minority Driving Population Ratio		25.94
		1.12

Reason for Stop

	White Drivers	Minority Drivers
Total Stops	8682	3574
Moving Violations	6166	2569
Equipment Violations	1171	575
Licensing / Registration Violations	1333	423
Commercial Vehicle Violations	12	7

Outcome of Stop

	White Drivers	Minority Drivers
Total Stops	8682	3574
Citation	3728	1729
Written Warning	809	284
Verbal Warning/ Stop Card	4145	1561

Vehicle Consent Searches

	White Drivers	Minority Drivers
Total Stops	8682	3574
Requested	5	6
Granted	5	6
Performed	5	6
Found	1	2

Dog Sniff Searches

	White Drivers	Minority Drivers
Total Stops	8682	3574
Vehicle Dog Sniff Searches	7	1
Dog Alerts	6	1
Search Performed	6	1
Contraband Found	6	1

Key Indicators	Total	WH	AA	AI	HIS	ASN	NH	N/S
Stops	12256	8682	1540	14	1456	541	23	0
Duration(Mean/Median)	8\7	7\7	8\7	8\9	8\7	7\7	7\6	0\0
Reason For Stop	Moving	8735	6166	1088	10	1048	410	13
	Equipment	1746	1171	253	3	236	78	5
	License	1756	1333	197	1	167	53	5
	Commercial Vehicle	19	12	2	0	5	0	0
	N/S	0	0	0	0	0	0	0
Outcome of Stop	Citation	5457	3728	703	6	754	258	8
	Written Warning	1093	809	129	3	102	49	1
	Verbal Warning/SC	5706	4145	708	5	600	234	14
	NS	0	0	0	0	0	0	0
Vehicle Consent Searches	Requested	11	5	5	0	1	0	0
	Granted	11	5	5	0	1	0	0
	Performed	11	5	5	0	1	0	0
	Found	3	1	1	0	1	0	0
Dog Sniff Searches	Sniffs	8	7	1	0	0	0	0
	Alerts	7	6	1	0	0	0	0
	Alert Search	7	6	1	0	0	0	0
	Found	7	6	1	0	0	0	0

