

TECHNICAL REPORT

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**Evaluation of MAP (Mini-Grant
Alcohol Program) Projects in Illinois
in 2004**

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Illinois Department of Transportation

Division of Traffic Safety

Evaluation Unit

The Evaluation Unit within the Division of Traffic Safety in the Illinois Department of Transportation focuses on evaluation and monitoring of various highway safety projects and programs in Illinois. The Evaluation Unit conducts research and analyses that enhance the safety and efficiency of transportation by understanding of the human factors that are important to transportation programs in Illinois. The main functions of the Unit include the following:

1. Develop an in-depth analysis motor vehicle related fatalities and injuries in Illinois using several crash related databases (Crash data, FARS, Trauma Registry, and Hospital data, state and local police data).
2. Develop measurable long term and short term goals and objectives for the Highway Safety Program in Illinois using historical crash related databases.
3. Evaluate each highway safety project with enforcement component (e.g., Traffic Law Enforcement Program, Local Alcohol Program, IMA GE projects) using crash and citation data provided by local and state police Departments.
4. Evaluate several highway safety programs (e.g., Occupant Protection and Alcohol). This involves in evaluating the effects of public policy and intervention programs that promote safe driving.
5. Design and conduct annual observational safety belt and child safety seat surveys for Illinois. This survey is based on a multi-stage random of Interstate Highways, US/IL Highways, and several local and residential streets.
6. Provide results of research and evaluation as well as annual enforcement activities to the National Highway Traffic Safety Administration (NHTSA) as part of the Federal Requirements of State Highway Safety Program in Illinois.
7. Provide statistical consultation to other Sections at the Division of Traffic Safety and other Divisions at IDOT.
8. Publish results of all research and evaluation at the Division and place them as PDF files at IDOT's Website.

This report provides descriptive evaluations of the Traffic Law Enforcement Program (TLEP) and the Local Alcohol Program (LAP) projects using the Fiscal Year 2004 monthly enforcement data obtained from the local grantees.

The report was compiled and prepared by the Evaluation staff. Comments or questions may be addressed to Mehdi Nassirpour, Ph.D., Chief of Evaluation Unit, Bureau of Administrative Services, Division of Traffic Safety, Illinois Department of Transportation, 3215 Executive Park Drive, Springfield, Illinois 62794-9245.

Table of Contents

Executive Summary of MAP Program.....	1
Evaluation of MAP Program.....	3
Category 1 MAP: Population 2,501-10,000.....	6
Category 2 MAP: Population 10,001-25,000.....	9
Category 3 MAP: Population 25,001-50,000.....	12
Category 4 MAP: Population 50,001 and over.....	15

List of Tables

Table 1: MAP Data Summary Table	2
Table A: MAP Selected Objectives by Selected Population Categories	5
Table 2 MAP: Population 2,501-10,000	8
Table 3 MAP: Population 10,001-25,000	11
Table 4 MAP: Population 25,001-50,000	14
Table 5 MAP: Population 50,001 and over	16

Executive Summary of MAP Program

During FY04, the Division of Traffic Safety funded 22 MAP projects. A MAP grantee is usually a local police agency with an adequate number of police officers who are familiar with traffic safety related issues. The main goal of the MAP program is to reduce the number of individuals involved in fatal and serious injury impaired driving crashes by focusing on impaired driving violations at selected locations and selected time slots. The enforcement activities were scheduled seven times a year (two-week period per campaign).

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Summary data and information on these 22 projects are provided in **Table 1**. **Table 1** shows total traffic enforcement data for the eight enforcement campaigns. In addition, summary statistics, such as average campaign patrol hours, motorist contact rate, percent occupant protection violations, percent speed violations, DUI rate and alcohol-related contact rate are reported in this table.

Based on the data provided by the MAP grantees, the following results were obtained:

1. Selected police departments had a total of 6,340 patrol hours, an average of 793 hours per campaign (6,340 divided by 8 campaigns).
2. A total of 7,964 vehicles were stopped during these campaigns, with a vehicle contact rate of one for every 47.8 minutes of patrol.
3. A total of 6,237 citations and written warnings were issued (one for every 61.0 minutes).
4. There were 1,575 speeding citations issued during the seven enforcement campaigns.
5. A total of 557 DUI citations were issued.
6. There were 381 alcohol-related and 90 drug-related citations issued.
7. The projects also issued 64 sworn reports to motorists under the age of 21 with a positive BAC level under .08.

It should be noted that no specific occupant protection objectives were set for the MAP program since occupant protection violations are a secondary emphasis for the MAP projects. A total of 1,132 safety belt and child restraint citations/written warnings were issued during all eight campaigns.

Table 1

**FY04 MAP CAMPAIGN PROJECT DATA SUMMARY TABLE
TOTALS
POLICE DEPARTMENT
MAP "Overtime" Enforcement**

Type of Citation	Campaign #1	Campaign #2	Campaign #3	Campaign #4	Campaign #5	Campaign #6	Campaign #7	Campaign #8	Total
Speeding	249	237	220	197	140	326	175	91	1575
Other Moving Viol.	247	298	265	244	312	227	303	159	1962
DUI	78	95	82	62	79	63	81	53	557
Alcohol Related	38	54	49	37	57	59	65	54	381
Safety Belt	124	194	128	115	215	204	89	65	1087
Child Restraint	6	9	4	10	7	4	5	1	45
Drugs	11	18	17	9	5	15	13	5	90
Weapons	1	1	2	0	0	0	2	0	6
Stolen Vehicles	0	0	1	0	0	0	0	0	1
Outstand Warrants	18	18	33	13	16	19	20	12	146
Suspended License	30	58	47	40	33	46	54	18	319
Sworn Reports	5	4	10	5	16	12	11	9	64
Safety Belt W/Warn.	27	29	16	28	28	29	22	18	190
Child Rest. W/Warn	1	0	0	0	1	0	0	0	2
Vehicles Stopped	1090	1235	1009	970	1252	1079	1100	509	7964
Vehicle Contact Rate	42.2	41.2	51.0	42.6	42.0	49.2	52.0	55.0	47.8
Average B.A.C.'s									0.00
Total DUI Procs Hrs									0.00
Map Totals	835	1015	874	760	909	1004	840	485	6237

Regular Non-Overtime Patrol

Type of Citation	Campaign #1	Campaign #2	Campaign #3	Campaign #4	Campaign #5	Campaign #6	Campaign #7	Campaign #8	Total
Speeding	1337	1532	1073	1553	1659	1326	1064	348	9694
Other Moving Viol.	2251	2283	1871	1392	1823	1512	1544	770	12903
DUI	135	150	93	135	165	120	139	51	955
Alcohol Related	69	88	73	84	103	66	81	48	577
Safety Belt	527	467	269	497	981	510	293	207	3578
Child Restraint	23	26	26	30	65	49	25	6	244
Safety Belt W/Warn.	12	12	17	36	45	51	24	14	203
Child Rest. W/Warn.	2	0	3	7	6	8	6	0	32
Regular Enf. Total	4356	4558	3425	3734	4847	3642	3176	1444	29182.0

MAP SUMMARY DATA

	Campaign #1	Campaign #2	Campaign #3	Campaign #4	Campaign #5	Campaign #6	Campaign #7	Campaign #8	Total
Total Patrol Hours	766.95	847.11	857.6	688.04	875.6	885.27	953.2	466.28	6340.1
Total P.I. & E.'s	182	248	174	176	234	149	245	65	1473

Average Campaign Patrol Hours	905.7	hours
Motorist Contact Rate (citations/written warnings)	61.0	min
Occupant Protection Violation Percentage	21.2	%
Speed Violation Percentage	25.3	%
DUI Rate	11.4	hours
Alcohol/Drug-Related Contact Rate	5.8	hours

Evaluation of the Mini-grant Alcohol Program (MAP)

In Illinois, during 2003 1,454 persons were killed in fatal crashes (Fatal Analysis Reporting System 2003). In 2003, approximately 136,279 persons were injured in crashes (Statewide Summary of Motor Vehicle Crash Statistics, 2003). The cost per death in Illinois for 2003 was \$1,120,000 and the cost per nonfatal disabling injury was \$55,500 (National Safety Council, Illinois 2002). Based on Fatal Analysis Reporting System (FARS) data, 640 (44.0 percent) of fatalities occurred in alcohol related crashes.

Many lives could be saved by changing public attitudes regarding risk taking behaviors such as impaired driving, speeding, and the non-use of safety belts and child safety seats. It has been shown that visible enforcement programs focusing on these violations offer the greatest potential for changing these behaviors. To change public attitudes regarding these behaviors, the Division of Traffic Safety (DTS) developed the M.A.P. program (Mini-grant Alcohol enforcement Program). The MAP program provides overtime enforcement officers to enforce impaired driving and occupant protection violations during eight specified enforcement periods throughout the state. These enforcement periods are scheduled around holidays when the highways are the busiest. All agencies participating in the program conduct enforcement within the same two-week period (see Appendix A) to ensure high visibility of enforcement statewide.

The Specific Goals of the M.A.P. Program are:

1. To reduce the number of fatal and alcohol-related traffic crashes.
2. To increase enforcement of impaired driving laws. (Secondary emphasis to speed and occupant restraint violations).

In FY04 the Division of Traffic Safety's Local Projects Section funded 22 M.A.P. projects throughout the state. Funding for the MAP program, which is administered by DTS, is provided by the National Highway Traffic Safety Administration (NHTSA). Although a total of \$413,422.00 was obligated to fund the 22 MAP projects, actual program cost for FY04 was \$297,025. The average cost of one hour of patrol within a MAP project was \$46.85 (\$297,025 divided by 6,340 patrol hours), while the average cost of a citation/written warnings was \$47.62 (\$297,025 divided by 6,237 citations/written warnings) during FY04.

The evaluations of the MAP projects were based on the enforcement data submitted to the Division by the 22 local agencies. A graphic distribution of 22 MAP projects is displayed in Illinois map (see Appendix B).

General objectives of the MAP projects:

X number of patrol hours per enforcement campaign.

A minimum of one (1) motorist contact (written warnings and citations) for every 60 minutes of patrol.

A minimum of one DUI arrest for every ten (10) hours of patrol.

An alcohol-related contact of one for every six (6) hours of patrol.

A DUI processing rate of no more than two (2) hours.

The above objectives vary from location to location. The number of patrol hours and contact rates are determined by the population in that location, the higher the population size in that location, the higher the hours of patrol for that location.

This procedure has been determined using historical data available at the Division. **Table A** depicts selected MAP grant categories based on population size and their specific objectives.

Table A: Selected Objectives by Selected Population Categories.

Categories based on population (1)	Patrol hours (2)	Contact rate (3)	DUI Rate (4)	Alcohol-Related rate (5)	DUI processing (6)
2501-10,000	24-30 per campaign (210 annually)	One (1) contact for every 60 patrol minutes	One (1) DUI for every 10 hours of patrol	One (1) alc. Related citation every 6 hours patrol	A DUI processing rate of 2 hours or less
10,001-25,000	36-42 per campaign (294 annually)	One (1) contact for every 60 patrol minutes	One (1) DUI for every 10 hours of patrol	One (1) alc. Related citation every 6 hours patrol	A DUI processing rate of 2 hours or less
25,001-50,000	40-46 per campaign (322 annually)	One (1) contact for every 60 patrol minutes	One (1) DUI for every 10 hours of patrol	One (1) alc. Related citation every 6 hours patrol	A DUI processing rate of 2 hours or less
Over 50,000	48-54 per campaign (378 annually)	One (1) contact for every 60 patrol minutes	One (1) DUI for every 10 hours of patrol	One (1) alc. Related citation every 6 hours patrol	A DUI processing rate of 2 hours or less

Footnote

Column 1: Selected population categories

Column 2: Total number of hours assigned to each population category

Column 3: The number of traffic stops every 60 minutes of patrol.

Column 4: The assigned of DUI citation for every ten hours of patrol.

Column 5: The assigned number of alcohol-related citations for every six hours of patrol

Column 6: The number of hours to process a DUI.

Category 1: Population 2,501-10,000

Participating Police Departments (6)

- | | |
|-----------------------------|----------------------------------|
| 1) Caseyville Police Dept | 2) East Hazel Crest Police Dept. |
| 3).Centreville Police Dept | 4) Lebanon Police Dept. |
| 5) Creve Couer Police Dept. | 6) New Athens Police Dept. |

Objective 1: Conduct 24-30 patrol hours per enforcement campaign (192-240 hours annually).

Accomplishments:

Five of the six projects met this objective. The category had a range of 23.4 hours of patrol per campaign in New Athens to 40.7 hours of patrol per campaign in Centreville.

Objective 2: Have a motorist contact rate of one for every 60 minutes of patrol.

Accomplishments:

Three departments met this objective. They were Caseyville, Centreville, and New Athens. The category as a whole had a range of one motorist contact for every 24.1 minutes of patrol to one motorist contact for every 136.8 minutes of patrol.

Objective 3: Write one DUI citation for every ten hours of patrol.

Accomplishments:

Two of the six departments met this objective. The category had a range of one DUI citation for every 6.1 hours of patrol for the Centreville Police Department to one DUI citation for every 26.7 hours of patrol for the New Athens Police Department.

Objective 4: Write one alcohol-related citation for every six hours of patrol.

Accomplishments:

Four of the six departments met this objective. The category had a range of one alcohol-related citation every 3.4 hours of patrol to one alcohol-related citation every 8.5 hours of patrol.

Objective 5: Have a DUI processing time of no more than two hours.

Accomplishments:

All six departments met this objective. The category had a range of a DUI processing time of 0.9 of an hour to 1.8 hours to process a DUI.

Category Results:

Centreville had the best DUI arrest rate in this category writing a DUI citation for every 6.1 hours of patrol; however, they have only submitted reports for the first three campaigns. In this category there were 256 speeding, 95 DUI, 102 alcohol related, 254 seat belt and 15 child restraint citations issued. **Table 2** provides data and information pertaining to **Category 1** projects.

Table 2
Category 1: Population 2,501 - 10,000

1	1		2		3		4		5		6		7		8		9		10		11	
	CRITERIA: 210 Hrs/Yr Total Campaign Patrol Hours To Date	Number of Campaigns Entered	Average Campaign Patrol Hours	CRITERIA: 24-30 Patrol Hrs Per Campaign		Motorist Contact Rate (In Minutes)	CRITERIA: 1 Contact for Each 45-60 Patrol Minutes		DUI Rate (In Hours)	CRITERIA: 1 DUI Arrest for Every 10 Actual Patrol Hours		Alcohol/ Drug- Related Contact Rate (In Hours)	CRITERIA: 1 Alcohol/Drug- Related ContactPer Every 6 Patrol Hours		DUI Processing Rate (In Hours)	CRITERIA: DUI Processing Rate No More Than 2 Hours						
				Criteria Met?			Criteria Met?			Criteria Met?			Criteria Met?									
				Yes	No		Yes	No		Yes	No		Yes	No		Yes	No	Yes	No			
Caseyville	232.5	7	33.2	X		35.2	X		10.6		X	3.7	X		1.3	X						
Centreville	122.0	3	40.7	X		53.0	X		6.1	X		3.4	X		1.8	X						
Creve Coeur	203.0	7	29.0	X		85.2		X	11.3		X	4.8	X		0.9	X						
East Hazel Crest	227.0	8	28.4	X		77.8		X	12.6		X	6.1		X	1.3	X						
Lebanon	84.0	3	28.0	X		24.1	X		8.4	X		4.0	X		1.4	X						
New Athens	187.0	8	23.4		X	136.8		X	26.7		X	8.5		X	0.9	X						

Columns 1, 3, 5, 7, 9 and 11 are self explanatory

Column 2 = Average Campaign Patrol Hours (# Patrol Hours / # Campaigns to Date)

Column 4 = Motorist Contact Rate = (Total Campaign Hours / # Citations & Written Warnings) * 60

Column 6 = DUI Rate = (Total Number Patrol Hours / Total Number of DUI Citations)

Column 8 = Alcohol/Drug-Related Contact Rate = (Total Number of Campaign Hours/(# DUI Citations + # Alcohol-Related Citations + # Drug Citations + # Sworn Reports))

Column 10 = DUI Processing Rate = (Total Number of DUI Processing Hours / Total Number of DUI Citations)

Category 2: Population 10,001-25,000

Participating Police Departments (6)

- 1) Bradley Police Department
- 2) O'Fallon Police Department
- 3) Palos Heights Police Department
- 4) Southern Illinois University Police Department (SIU)
- 5) Western Illinois University Police Department (WIU)
- 6) Wood Dale Police Department

Objective 1: Conduct 36-42 patrol hours per enforcement campaign (288-336 hours annually).

Accomplishments:

Five of the six departments met this objective. The other department marginally met this objective. The category had a range of 35.1 hours of patrol per campaign to 53.8 hours of patrol per campaign.

Objective 2: Have a motorist contact rate of one for every 60 minutes of patrol.

Accomplishments:

Three of the six departments met this objective. Palos Heights, Western Illinois University, and Wood Dale Police Departments met the objective with contact rate of one contact for every 31.3, 43.4 and 46.3 minutes of patrol respectively. The category had a range of one contact every 31.3 minutes of patrol to one contact every 86.1 minutes of patrol.

Objective 3: Write one DUI citation for every ten hours of patrol.

Accomplishments:

One of the six departments met this objective (Southern Illinois University Police Department). The Western Illinois University, Palos Heights and Wood Dale Police Departments marginally met this objective with a DUI citation for every 10.4, 11.3 and 11.7 hours of patrol respectively. The category had a range of one DUI citation for every 8.5 hours of patrol to one DUI citation for every 29.0 hours of patrol.

Objective 4: Write one alcohol-related citation for every six hours of patrol.

Accomplishments:

Three of the six departments met this objective. Wood Dale Police Department marginally met the objective with an alcohol-related citation for every 6.5 hours of patrol. The category had a range of one alcohol-related citation for every 4.5 hours of patrol to one alcohol-related citation for every 7.7 hours of patrol.

Objective 5: Have a DUI processing time of no more than two hours.

Accomplishments:

All six of the departments met this objective. The category had a range of processing a DUI in 1.2 hours to processing a DUI in 1.8 hours.

Category Results:

The six departments in this category wrote 396 speeding, 146 DUI, 114 alcohol related, 529 seat belt and 15 child restraint citations. **Table 3** provides data and information pertaining to **Category 2** projects.

Table 3
Category 2: Population 10,001-25,000

	1	1	2	3	4	5		6	7		8	9		10	11				
	CRITERIA: 294 Hrs/Year Total Campaign Patrol Hours To Date	Number of Campaigns Entered	Average Campaign Patrol Hours	CRITERIA: 36-42 Patrol Hrs Per Campaign		Motorist Contact Rate (In Minutes)	CRITERIA: 1 Contact for Each 45-60 Patrol Minutes		DUI Rate (In Hours)	CRITERIA: 1 DUI Arrest For Every 10 Actual Patrol Hours		Alcohol/ Drug- Related Contact Rate (In Hours)	CRITERIA: 1 Alcohol/Drug- Related Contact Per Every 6 Patrol Hours		DUI Processing Rate (In Hours)	CRITERIA: DUI Processing Rate No More Than 2 Hours			
				Criteria Met?			Yes	Met?		Criteria Met?			Yes	No		Criteria Met?		Yes	No
				Yes	No		Yes	No		Yes	No		Yes	No		Yes	No	Yes	No
Bradley	245.5	6	40.9	X		86.1		X	14.4		X	7.7		X	1.6	X			
O'Fallon	376.8	7	53.8	X		84.0		X	29.0		X	7.5		X	1.3	X			
Palos Heights	294.5	8	36.8	X		31.3	X		11.3		X	4.8	X		1.6	X			
SIU	330.4	8	41.3	X		78.7		X	8.5	X		5.7	X		1.2	X			
WIU	280.8	8	35.1		X	43.4	X		10.4		X	4.5	X		1.5	X			
Wood Dale	280.0	7	40.0	X		46.3	X		11.7		X	6.5		X	1.8	X			

Columns 1, 3, 5, 7, 9 and 11 are self explanatory

Column 2 = Average Campaign Patrol Hours (# Patrol Hours / # Campaigns to Date)

Column 4 = Motorist Contact Rate = (Total Campaign Hours / # Citations & Written Warnings) * 60

Column 6 = DUI Rate = (Total Number Patrol Hours / Total Number of DUI Citations)

Column 8 = Alcohol/Drug-Related Contact Rate = (Total Number of Campaign Hours/(# DUI Citations + # Alcohol-Related Citations + # Drug Citations + # Sworn Reports))

Column 10 = DUI Processing Rate = (Total Number of DUI Processing Hours / Total Number of DUI Citations)

Category 3: Population 25,001-50,000

Participating Police Departments (5)

- 1) Alton Police Dept.
- 2) Elmhurst Police Dept.
- 3) Kankakee Police Dept.
- 4) Moline Police Dept.
- 5) Rock Island Police Dept.

Objective 1: Conduct 40-46 patrol hours per enforcement campaign (320-368 hours annually).

Accomplishments:

All five departments met this objective. The category had a range of 40.4 hours of patrol per campaign to 46.3 hours of patrol per campaign.

Objective 2: Have a motorist contact rate of one for every 60 minutes of patrol.

Accomplishments:

Alton and Kankakee Police departments met this objective. Moline and Rock Island marginally met this objective. They had motorist contact rates of one citation for every 62.8 and 64.4 minutes of patrol. Elmhurst Police department failed to meet this objective. The category had a range of one contact every 56.1 minutes of patrol to one contact for every 78.0 minutes of patrol.

Objective 3: Write one DUI citation for every ten hours of patrol.

Accomplishments:

Two departments met this objective (Rock Island and Kankakee Police Departments). The category had a range of one DUI for every 4.8 hours of patrol to one DUI for every 27.3 hours of patrol.

Objective 4: Write one alcohol-related citation for every six hours of patrol.

Accomplishments:

Two of the five departments met this objective. The category had a range of one alcohol-related citation every 3.4 hours of patrol to one alcohol-related citation every 9.6 hours of patrol.

Objective 5: Have a DUI processing time of no more than two hours.

Accomplishments:

All six departments met the objective of processing a DUI in less than 2 hours. The category had a range 0.6 an hour to 1.7 hours to process a DUI.

Category Results:

Combined the five departments in this category wrote 232 speeding, 157 DUI, 88 alcohol related, 164 seat belt and 11 child restraint citations. The Kankakee Police Department met all five objectives in their respective project. **Table 4** provides data and information pertaining to **Category 3** projects.

Table 4
Category 3: Population 25,001 - 50,000

	1	1	2	3		4	5		6	7		8	9		10	11	
	CRITERIA: 322 Hrs/Year Total Campaign Patrol Hours To Date	Number of Campaigns Entered	Average Campaign Patrol Hours	CRITERIA: 40-46 Patrol Hrs Per Campaign		Motorist Contact Rate (In Minutes)	CRITERIA: 1 Contact for Each 60 Patrol Minutes		DUI Rate (In Hours)	CRITERIA: 1 DUI Arrest For Every 10 Actual Patrol Hours		Alcohol/ Drug- Related Contact Rate (In Hours)	CRITERIA: 1 Alcohol/Drug- Related Contact Per Every 6 Patrol Hours		DUI Processing Rate (In Hours)	CRITERIA: DUI Processing Rate No More Than 2 Hours	
				Criteria Met?			Criteria	Met?		Criteria Met?			Criteria Met?	Criteria Met?			
				Yes	No					Yes	No			Yes		No	Yes
Alton	319.8	7	45.7	X		56.1	X		17.8	X		7.6	X		0.6	X	
Elmhurst	323.8	7	46.3	X		78.0		X	10.4		X	6.5		X	1.6	X	
Kankakee	325.8	8	40.7	X		58.7	X		8.8	X		5.3	X		1.7	X	
Moline	327.8	8	41.0	X		62.8		X	27.3		X	9.6		X	1.0	X	
Rock Island	282.5	7	40.4	X		64.4		X	4.8	X		3.4	X		1.2	X	

Columns 1, 3, 5, 7, 9 and 11 are self explanatory

Column 2 = Average Campaign Patrol Hours (# Patrol Hours / # Campaigns to Date)

Column 4 = Motorist Contact Rate = (Total Campaign Hours / # Citations & Written Warnings) * 60

Column 6 = DUI Rate = (Total Number Patrol Hours / Total Number of DUI Citations)

Column 8 = Alcohol/Drug-Related Contact Rate = (Total Number of Campaign Hours/(# DUI Citations + # Alcohol-Related Citations + # Drug Citations + # Sworn Reports))

Column 10 = DUI Processing Rate = (Total Number of DUI Processing Hours / Total Number of DUI Citations)

Category 4: Population over 50,000

Participating Police Departments (5)

- 1) Madison County Sheriff's Department
- 2) McHenry County Sheriff's Department
- 3) Naperville Police Department
- 4) Peoria Police Department
- 5) Williamson County Sheriff's Department

Objective 1: Conduct 48-54 patrol hours per enforcement campaign (384-432 hours annually).

Accomplishments:

Two of the five departments met this objective. The category had a range of 51.6 hours of patrol per campaign to 39.0 hours of patrol per campaign.

Objective 2: Have a motorist contact rate of one for every 60 minutes of patrol.

Accomplishments:

Two of the five departments met this objective. The other three departments ranged from one contact for every 63.8 minutes of patrol to one contact for every 68.0 minutes of patrol.

Objective 3: Write one DUI citation for every ten hours of patrol.

Accomplishments:

Three of the five departments met this objective. Those departments were Naperville, Peoria, and Williamson County Police Departments. The category had a range of one DUI every 6.0 hours of patrol to one DUI for every 47.5 hours of patrol.

Objective 4: Write one alcohol-related citation for every six hours of patrol.

Accomplishments:

Naperville, Peoria and Williamson County Police Departments met this objective. The category had a range of one alcohol-related citation for every 3.8 hours of patrol to one alcohol-related citation for every 15.6 hours of patrol.

Objective 5: Have a DUI processing time of no more than two hours.

Accomplishments:

Four of the five departments met this objective. McHenry County marginally met the objective with a DUI processing time of 2.3 hours per DUI.

Category Results:

The Naperville Police department met every objective. The five departments in this category wrote 521 speeding, 157 DUI, 76 alcohol related, 126 seat belt and 4 child restraint citations. **Table 5** provides data and information pertaining to **Category 4** projects.

**Table 5
Category 4: Population Over 50,000**

	1	1	2	3	4	5	6	7	8	9	10	11			
	CRITERIA: 378 Hrs/Yr. Total Campaign Patrol Hours To Date	Number of Campaigns Entered	Average Campaign Patrol Hours	CRITERIA: 48-54 Patrol Hrs Per Campaign		Motorist Contact Rate (In Minutes)	CRITERIA: 1 Contact for Each 45-60 Patrol Minutes		DUI Rate (In Hours)	Alcohol/ Drug- Related Contact Rate (In Hours)	CRITERIA: 1 Alcohol/Drug- Related Contact Per Every 6 Patrol Hours		DUI Processing Rate (In Hours)	CRITERIA: DUI Processing Rate No More Than 2 Hours	
				Criteria Met?			Criteria	Met?			Criteria Met?			Criteria Met?	
				Yes	No		Yes	No			Yes	No		Yes	No
Madison County	427.5	8	53.4	X	63.81	X	47.5	X	9.5	X	1.9	X			
Naperville	361.5	7	51.6	X	54.09	X	6.5	X	3.8	X	1.3	X			
Peoria	355.0	8	44.4	X	51.45	X	6.0	X	4.2	X	1.4	X			
Williamson County	270.0	6	45.0	X	68.07	X	9.6	X	4.6	X	1.0	X			
McHenry County	78.0	2	39.0	X	65.00	X	15.6	X	15.6	X	2.3	X			

Columns 1, 3, 5, 7, 9 and 11 are self explanatory

Column 2 = Average Campaign Patrol Hours (# Patrol Hours / # Campaigns to Date)

Column 4 = Motorist Contact Rate = (Total Campaign Hours / # Citations & Written Warnings) * 60

Column 6 = DUI Rate = (Total Number Patrol Hours / Total Number of DUI Citations)

Column 8 = Alcohol/Drug-Related Contact Rate = (Total Number of Campaign Hours/(# DUI Citations + # Alcohol-Related Citations + # Drug Citations + # Sworn Reports))

Column 10 = DUI Processing Rate = (Total Number of DUI Processing Hours / Total Number of DUI Citations)

**Appendix A
MINI-GRANT ALCOHOL PROGRAM
FY 2004 Campaign Dates**

#1	Oct. 13 – 19, 2003	PI&E
	Oct 20 – Nov. 2, 2003	Enforcement
	Nov. 3 - 9, 2003	PI&E
	Dec 10, 2003	Report Due
#2	Nov. 17 - 23, 2003	PI&E
	Nov. 24 – Dec. 7, 2003	Enforcement
	Dec. 8 – Dec 14, 2003	PI&E
	Jan 10, 2004	Report Due
#3	<u>Dec. 15 – 21, 2003</u>	PI&E
	Dec. 22 – Jan. 4, 2004	Enforcement
	Jan. 5 - 11, 2004	PI&E
	Feb. 10, 2004	Report Due
#4	March 29 – April 4, 2004	PI&E
	April 5 – 18, 2004	Enforcement
	April 19 – April 25, 2004	PI&E
	June 10, 2004	Report Due
#5	May 17 – 23, 2004	PI&E
	May 24 – June 6, 2004	Enforcement
	June 7 – June 13, 2004	PI&E
	July 10, 2004	Report Due
#6	June 14 - 20, 2004	PI&E
	June 21 - July 4, 2004	Enforcement
	July 5 - 11, 2004	PI&E
	Aug. 10, 2004	Report Due
#7	Aug. 23 – 29, 2004	PI&E
	Aug. 30 – Sept. 12, 2004	Enforcement
	Sept. 13 – 19, 2004	PI&E
	October 10, 2004	Report Due
#8	To be determined by local agency, i.e., local festival, special event, etc.	

Appendix B

