

Nighttime Safety Belt Program Activities During May 2007 and 2008 CLOT Campaigns in Illinois

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Problems

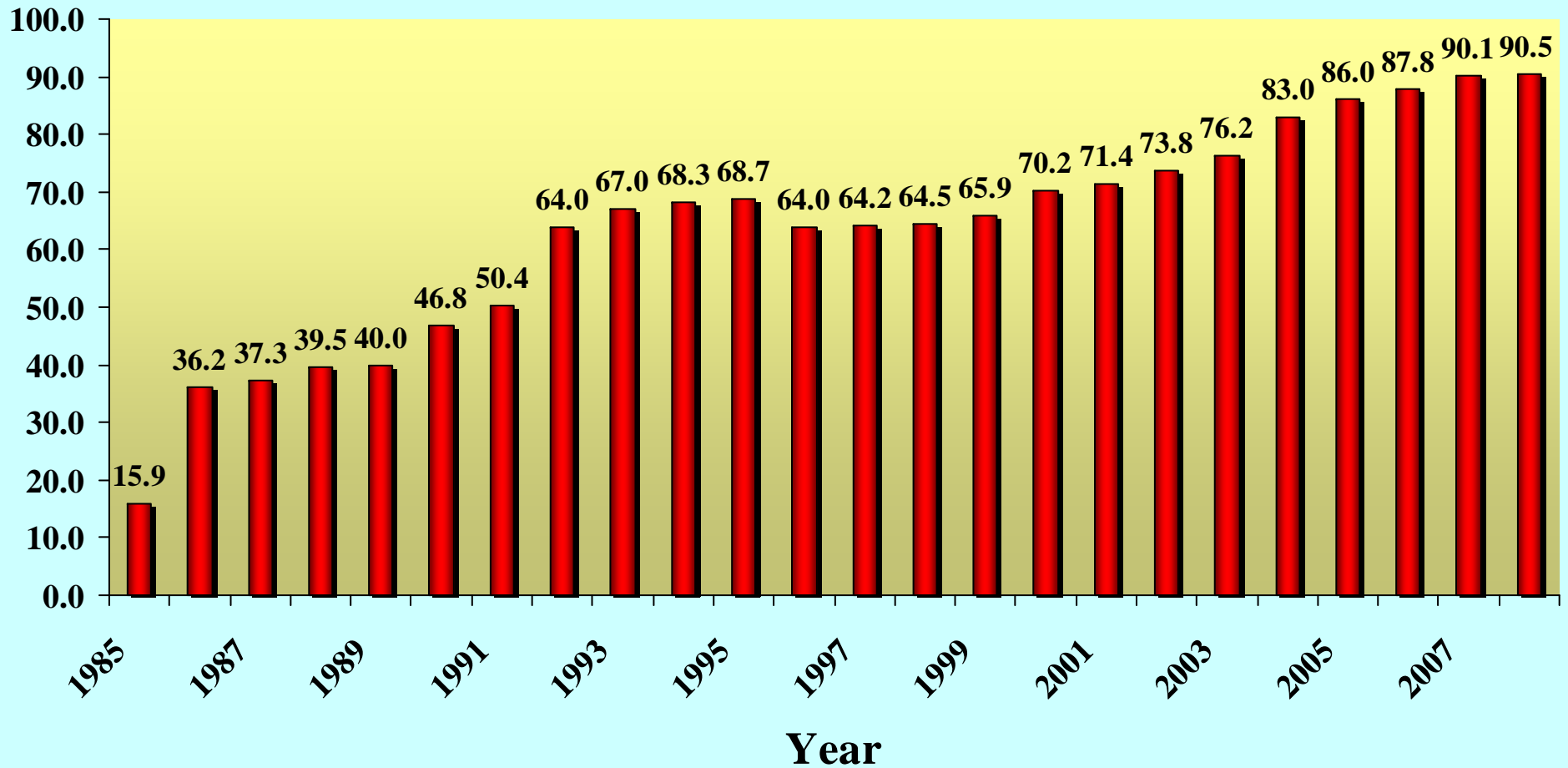
- **Facts**

- In 2008, Illinois safety belt usage rate is 90.5%
- Illinois still has a high observed belt usage rate, but low usage rate among those who fatality injured (FARS data).

- **Problems**

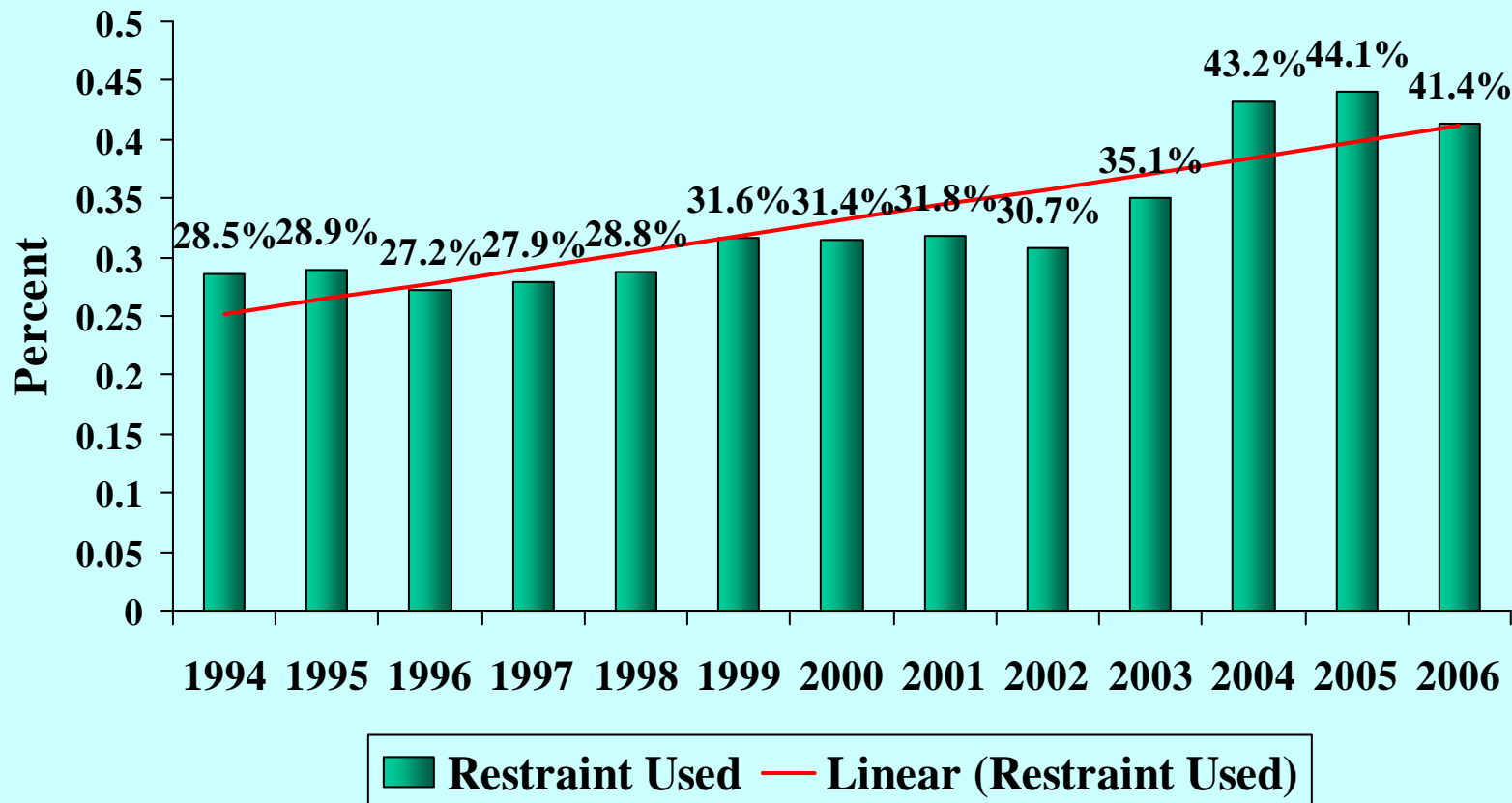
- Nighttime belt use is lower than the daytime belt use.
- Belt use among those who fatality injured is lower during the nighttime than during the daytime
- Nighttime percent alcohol related fatalities is higher than the daytime percent alcohol fatalities.

Figure 1: Front Seat Occupant Restraint Usage Rate in Illinois



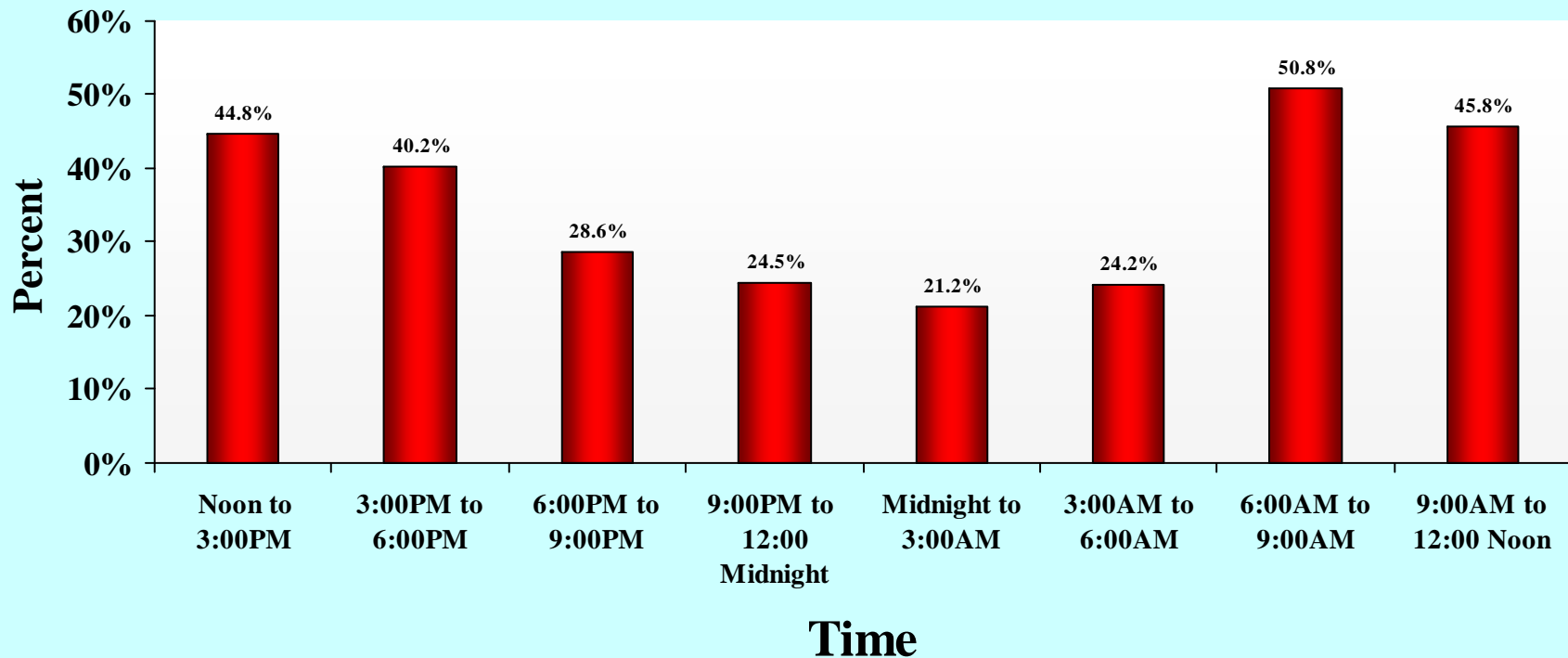
Data Source: Observational Survey

Figure 2: Passenger Vehicle Occupant Fatalities by Restraint Usage Rate in Illinois (1998-2006)



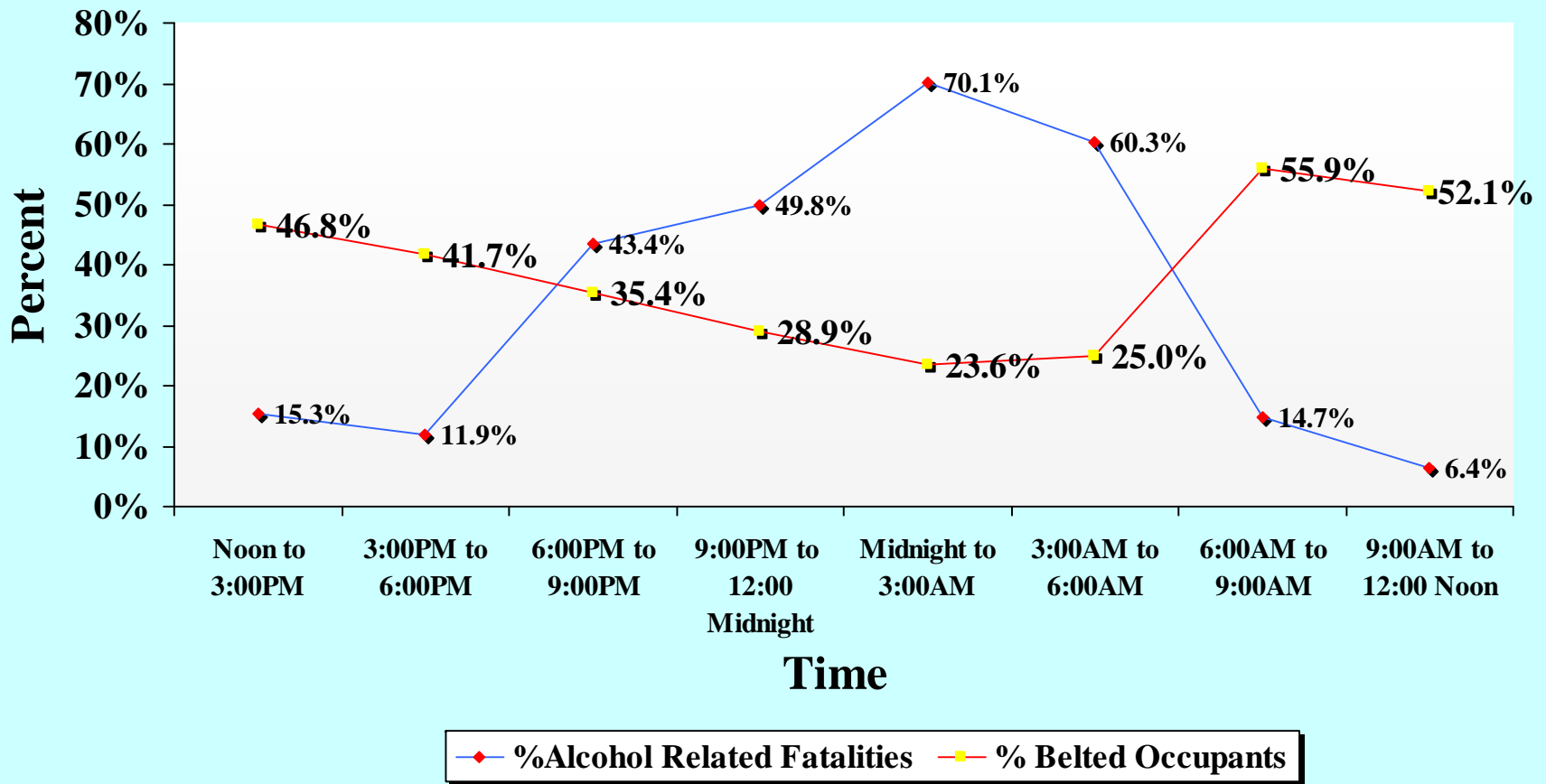
Data Source: FARS

Figure 3: Percent Belted Occupants Among Fatally Injured in Motor Vehicle Crashes in Illinois in 2006



Data Source: FARS 2006

Figure 4: Percent Alcohol Related Fatalities and Percent Belted Occupants by Time of Day in Illinois in 2006



Data Source: FARS 2006

Strategies to Combat Nighttime Belt Use and Alcohol Problems

- Started encouraging state and local law enforcement agencies to shift at least 20 percent of their enforcement activities from daytime to nighttime during the 2007 and 2008 CIOT campaigns.

RESULTS

Table 1: Total Paid Media (TV & Radio)

	Paid Media		Total Amount
	TV Spot	Radio Spot	
2007	13,404	9,125	\$1,067,619.77
2008	18,590	6,084	\$775,459.00*

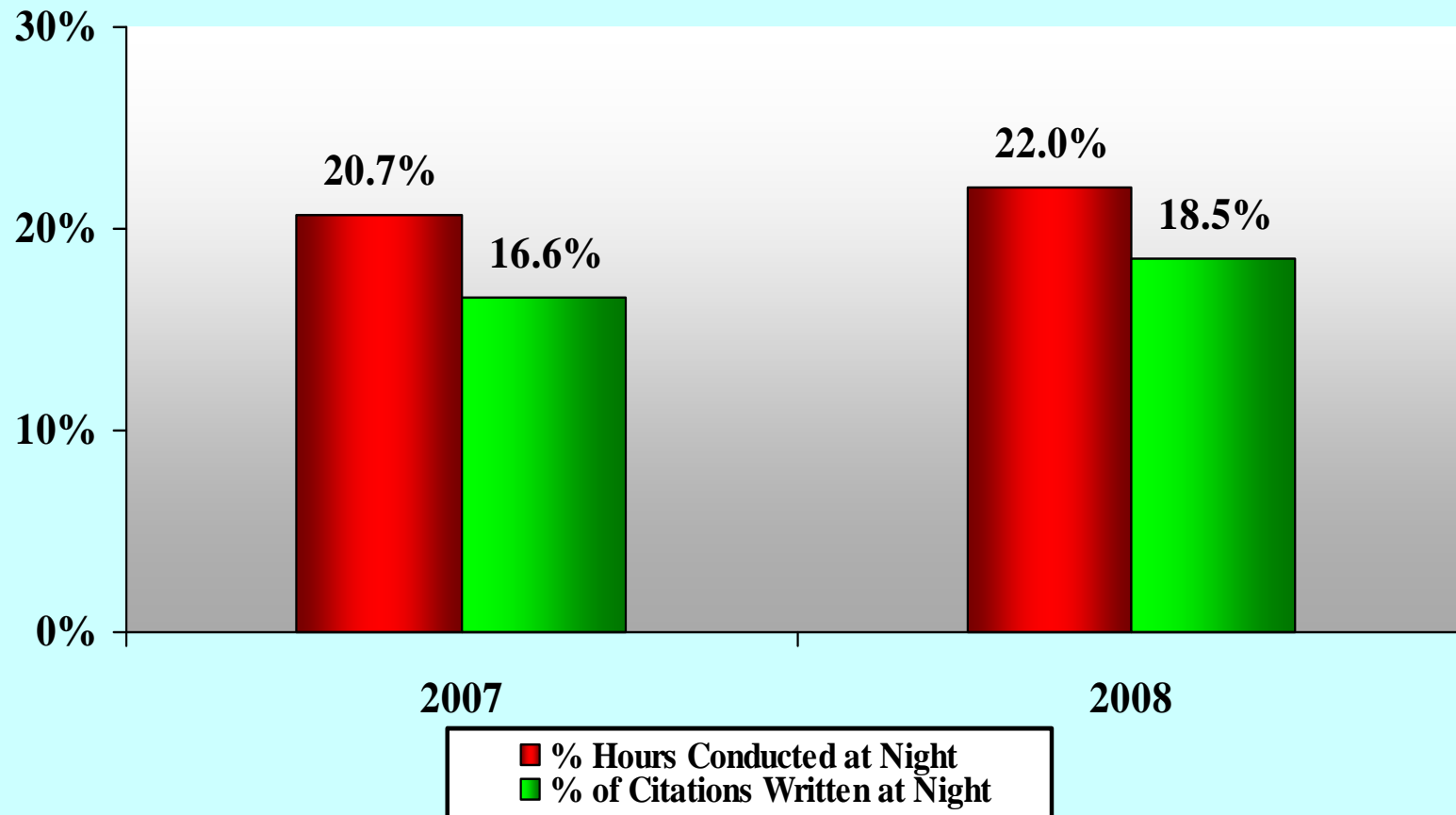
* Includes \$71,538.68 additional internet advertising through the following websites: Facebook, My Space, WKSC-Webpage, WFLD-Webpage, and Comcast.net

Table 2: Total Nighttime and Daytime Enforcement Hours in 2007 and 2008

Agency	2007				2008			
	TOTAL ENFORCEMENT (N=192)		TOTAL NIGHTTIME ENFORCEMENT (N=112 Daytime/Nighttime) TOTAL NIGHTTIME ENFORCEMENT (N=19)		TOTAL ENFORCEMENT (N=179)		TOTAL NIGHTTIME ENFORCEMENT (N=111 Daytime/Nighttime) TOTAL NIGHTTIME ENFORCEMENT (N=12)	
	Total Hours	Total Citations	Total Night Hours	Total Night Citations	Total Hours	Total Citations	Total Night Hours	Total Night Citations
TOTAL PARTICIPATING LOCAL AGENCIES	25,988	46,752	6,350	8,875	27,410	44,878	7,557	10,405
STATE POLICE	9,030	14,799	903	1,341	6,941	11,372	0	0
TOTAL ENFORCEMENT	35,018	61,551	7,253	10,216	34,352	56,250	7,557	10,405

Data Source: State and Local Agencies

**Figure 5: Percent Nighttime Enforcement Activities
During the 2007 and 2008 CIOT**



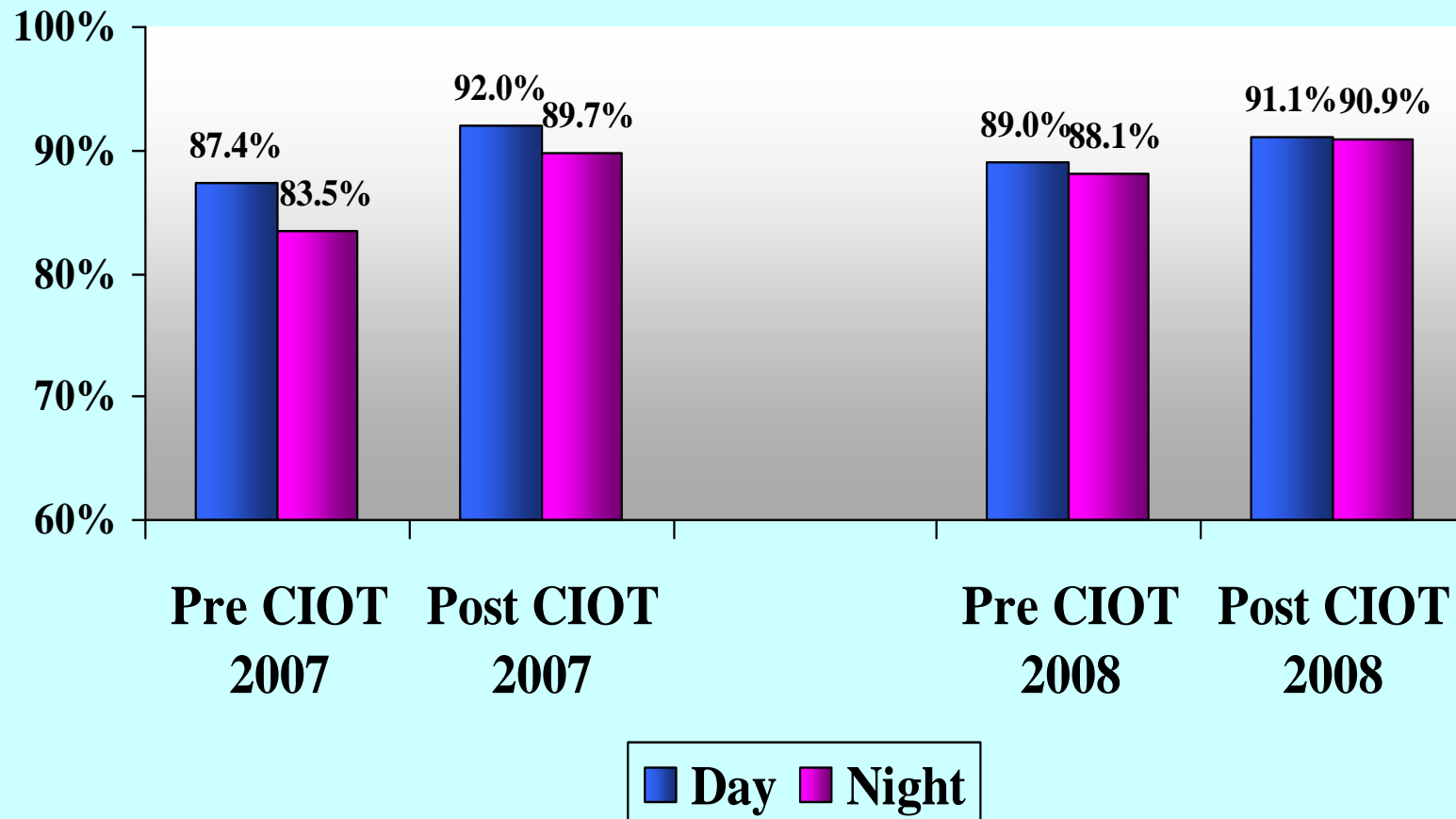
Data Source: State and Local Agencies

Table 3: Total Enforcement Costs for 2007 and 2008

	ASSOCIATED COSTS		
	Cost Per Citation	Cost Per Patrol Hour	Total to be Reimbursed
2007			
TOTAL PARTICIPATING AGENCIES	\$25.97	\$47.40	\$1,185,059
STATE POLICE	\$30.51	\$50.00	\$451,500
TOTAL ENFORCEMENT (192)	\$27.08	\$48.09	\$1,636,559
2008			
TOTAL PARTICIPATING AGENCIES	\$32.40	\$52.94	\$1,396,882
STATE POLICE	\$40.01	\$65.54	\$454,941
TOTAL ENFORCEMENT (179)	\$33.92	\$55.51	\$1,851,823

Data Source: State and Local Agencies

Figure 6: Nighttime Safety Belt Usage Rates During the Pre/Post Campaign in 2007 and 2008



Data Source: 2007 and 2008 Observational Surveys

Plans for 2009 CIOT Mobilization

- Expand HVE during the major belt and alcohol mobilization
- Focus on pickup truck occupants since they tend to have a lower belt use as compared to passenger car occupants.
- Expand the nighttime enforcement activities (from 20 percent to at least 35 percent)
- Upgrade the Illinois safety belt law to cover all seat and all ages
- Expand the roadside safety checks.
- Focus on Hard Core Drinking Drivers (DWI Offenders)
- Develop a comprehensive strategic plan on how to reduce alcohol related fatalities and injuries in Illinois.

For more information refer to Our Website at:

<http://www.dot.il.gov/trafficsafety/tsevaluation.html>