



**Hawaii State Department of Transportation**

# Federal Fiscal Year 2008

*Highway Safety Annual Report*





## Message from the Governor's Highway Safety Representative

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# Aloha!

**T**raffic safety continues to be the top priority for the Hawaii Department of Transportation (HDOT), and as always, we remain committed to ensuring that Hawaii's roadway users arrive at their destinations safely.

We are proud to announce there was a 14% decrease in the number of traffic fatalities, from 161 to 138, during calendar year 2007. Although these were moves in the right direction, we know we can and will do more to continue to reduce the number of fatalities and injuries caused by motor vehicle crashes in Hawaii.

This includes implementing road safety projects that support national highway safety priorities. Throughout the upcoming federal fiscal year, Hawaii will participate in national mobilization efforts in both occupant protection and alcohol countermeasures. Furthermore, Hawaii's four county police departments will continue to enforce statutes addressing impaired driving, occupant protection, pedestrian safety and driving in excess of posted speed limits.

Many of the fatalities could have been prevented had drivers obeyed traffic laws, used seat belts/child safety seats, elected to wear helmets, driven within the speed limit, and not driven while under the influence of drugs or alcohol. During 2007, of the 138 fatalities on Hawaii's highways, 69, or 50%, of them died in alcohol-related traffic crashes. In addition, 60 out of 125 fatal crashes, or 48%, were alcohol-related.



In order to combat the high number of alcohol-related deaths, the HDOT, along with the county police departments, continued our "52/12" enforcement program by increasing the frequency of sobriety checkpoints to every week. That means 52 weeks of enforcement coverage during the 12-month federal fiscal year. There is a minimum of 52 sobriety checkpoints per year in each county, which provides total statewide coverage of DUI enforcement. All four county police departments participated in the "52/12" enforcement program and implemented checkpoints and/or saturation patrols on at least four nights during the national impaired driving campaign, August 13 – September 1, 2008.

On top of the enforcement efforts, the HDOT will continue to air a paid television and radio media campaign to raise awareness of the program and to discourage drunk driving. In 2007, we changed our slogan to the national slogan of "Drunk Driving. Over The Limit. Under Arrest." A new media campaign targeting younger drivers was developed and launched in time for the national crackdown that began on August 17, 2007. We will continue to air the television and radio spots through the 2008 holiday season.

Seat belt use continued to be a bright spot for the Hawaii program. Although our June 2008 seat belt observational survey showed that Hawaii's seat belt usage rate decreased slightly from 97.6% to 97%, we are pleased that we were able to maintain the high usage rate.

We attribute the success of the "Click It Or Ticket" campaign to the continued hard work of our many highway safety partners, which included the four county police departments, the Department of Health, the Department of Education, Federal Highway Administration, the Federal Motor Carrier Safety Administration, the local fire departments, religious leaders, military bases and so many others. We supported the high visibility enforcement campaign with a strong media campaign (television, radio and movie theater ads). We also used variable message boards statewide along our highways, and distributed banners and 14,500 posters statewide.

Though our seat belt usage rate is among the highest in the nation, we know that our child safety seat belt usage can be better. It will be one of our top priorities in federal fiscal year 2009.

The HDOT also continued to fund a statewide traffic records data committee to coordinate efforts to improve overall traffic data systems. The HDOT recently completed the revision of our motor vehicle accident report form to be 89.2% Model Minimum Uniform Crash Criteria compliant. This will help improve on the quality, timeliness and completeness of data that the four county police departments provide to the HDOT. The traffic records committee is also working towards an electronic citation project that will expedite the transfer of citation information electronically to Judiciary.

During 2007, the HDOT Highway Safety Section staff participated in the development of Hawaii's Strategic Highway Safety Plan. The goal of the plan is to reduce the number of traffic-related deaths from an annual average of 135 to 100 or fewer within five years by working together. We strongly believe that this can be done and will continue to work closely with all of our traffic safety partners to achieve this goal.

We will do our best in protecting the traveling public, whatever form of transportation they choose to use. As such, we will continue to emphasize to the public the importance of safe and responsible behavior while on our roadways.



Brennon T. Morioka, Ph.D., P.E.  
Director of Transportation  
Governor's Highway Safety Representative

## 2008 Highlights

- In 2007, there were 138 traffic fatalities, a 14.2% decrease from 2006.
- Hawaii's seat belt usage rate is 97%.
- Passed legislation to establish an ignition interlock law that will take effect on July 1, 2010.
- Revised Hawaii's Motor Vehicle Accident Report Form (MVAR) to be over 89.2% Model Minimum Uniform Crash Criteria (MMUCC) compliant.
- Began statewide implementation of the new MVAR form.

## Goals

- Reduce the number of DUI-related fatalities and injuries
- Reduce the number of speed-related fatalities and injuries
- Reduce the number of pedestrian fatalities and injuries
- Increase child safety seat usage rate
- Maintain high seat belt usage rate

## New Laws

The HDOT and its partners were very successful during the last three legislative sessions. The following bills were signed into law by Governor Linda Lingle's administration:

- Use of Intoxicants While Operating a Motor Vehicle (OVUII)  
*Act 201 increases sanctions for driving with a high blood alcohol level.  
Effective date: July 1, 2007.*
- Motor Vehicles; Pedestrian Crosswalks  
*Act 125 clarifies a driver's duty to stop or yield the right of way to a pedestrian in a crosswalk when traffic-control signals are not in place or not in operation.  
Effective date: June 4, 2007.*
- Use of Intoxicants While Operating a Motor Vehicle; Highly Intoxicated Driver.  
*Act 198 redefines highly intoxicated driver; establishes evidence and sentencing parameters for highly intoxicated drivers; and establishes minimum and maximum administrative license revocation periods for highly intoxicated drivers.  
Effective date: June 19, 2007.*
- Ignition Interlock  
*Act 171 establishes an ignition interlock law which is implemented through both the Administrative Driver's License Revocation system and the courts.  
Effective date: July 1, 2010.*



## Alcohol Countermeasures

### Police Alcohol Countermeasures

**P**olice departments in all four counties participated in the 52/12 – “You Drink & Drive. You Lose.” campaign. In the 52/12 program, a minimum of 52 sobriety checkpoints are held throughout the federal fiscal year instead of conducting checkpoints only on major holidays. To reach that goal, police conducted a minimum of one checkpoint per county per week. Altogether, the grants funded a total of 270 checkpoints throughout Hawaii. Along with the 52/12 program, the four county police departments also participated in the national DUI mobilizations.

In addition, the HDOT continued to support the enforcement efforts with a strong media campaign using the current slogan “Drunk Driving. Over the Limit. Under Arrest.”

*During 2007, of the 138 fatalities on Hawaii’s highways, 69, or 50%, of them died in alcohol-related traffic crashes.*

#### Department of Education Traffic Safety Program

The State Department of Education (DOE) sought to prevent youth injuries and fatalities caused by underage drinking, speeding, pedestrian safety, lack of seat belt usage and other unsafe driving behaviors. The DOE provided traffic safety training to students, parents and school administration officials throughout the school year.

#### Department of Education Driver Education Program

Grant funds were used to hire a driver education coordinator to monitor Hawaii’s Driver Education instructors. The coordinator assisted new and certified driver education instruction through statewide training and monitoring activities to ensure that proper standards were being employed.

#### Department of Health – Laboratories Division

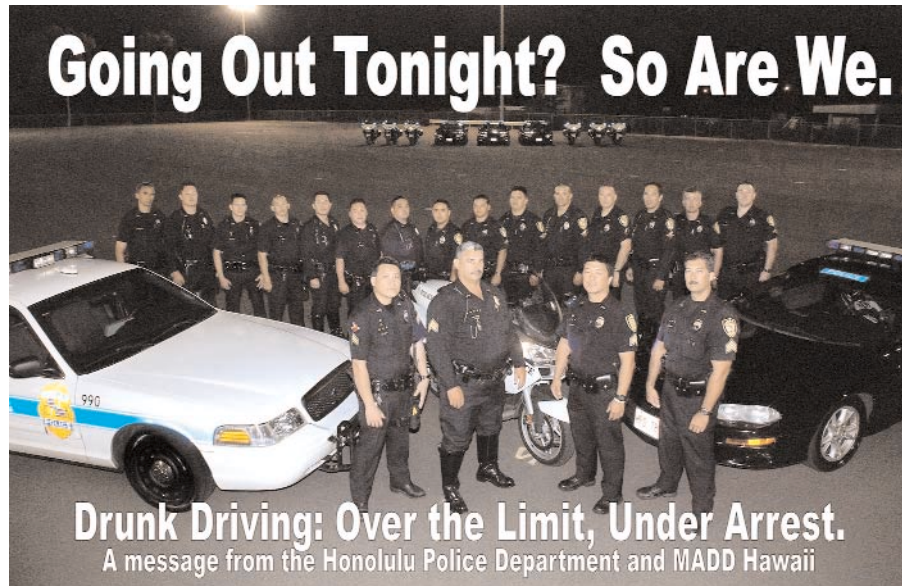
The goal of this project was to provide sufficient training in order to maintain the current effectiveness of the state breath alcohol testing program. Without continuous support and proper training of new supervisors of breath testing instruments, a decline in the integrity and validity of the breath test results may be imminent. During the grant period, funds were used to fund two training courses that certified 50 breath alcohol testing supervisors. In addition, a short course on Maintenance and Basic Repair of the Intoxilyzer 500EN was offered to 22 local and federal law enforcement officers. These courses were very much in need due to the rotation and retirement of breath alcohol testing personnel.

#### Mothers Against Drunk Driving – Court Monitoring/Alcohol Education Program

As part of their ongoing commitment to reduce impaired driving fatalities and injuries, MADD implemented a Court Monitoring program to deter potential offenders and reduce repeat offenses by improving DUI conviction rates and encouraging effective sentencing. During the first year of this grant, MADD’s national staff conducted Court Monitor training for the Court Monitor Program Specialist and 11 volunteers in Hawaii. The prosecutor’s office, the public defender’s office, as well as the Honolulu Police Department, also participated in the training. During the grant period, the Court Monitor volunteers observed 400 cases and collected information that was entered into the MADD national database for evaluation.

<b>Sobriety Checkpoint Enforcement Statistics</b> (October 1, 2007 – September 30, 2008)					
	Honolulu	Hawaii County	Maui County	Kauai County	Total
Grant Funded SCP*	93	88	53	36	<b>270</b>
County Funded SCP*	61	69	1	4	<b>135</b>
DUI Arrests+	104	128	23	17	<b>272</b>
Other Arrests+	70	84	10	33	<b>197</b>
Citations+	877	620	60	712	<b>2,269</b>
Seat Belt/Child Restraint Citations+	50	60	3	64	<b>177</b>
Vehicles Checked+	482	19,209	3,201	5,142	<b>28,034</b>

\*Sobriety Checkpoints +County and Grant Funded



This information will be able to produce reports to identify possible trends in areas such as conviction rates and reasons for dismissal.

Funds were also used to increase compliance with impaired driving laws, reduce repeat violations, and coordinate prevention efforts and community education on the dangers of impaired driving and underage drinking.

**Hawaii Community College Court Monitoring Program**

The goal of this Court Monitoring project was to improve OVUII conviction rates through Court Monitoring observation, data collection and evaluation of DUI court proceedings and its participants; encourage effective and appropriate sentencing in Hawaii County; and to build strategic alliances with judges, law enforcement personnel, prosecutors, defense attorneys, community organizations, individuals and DUI victims.

**Honolulu Liquor Commission Shattered Dreams Project**

The mission of the “Shattered Dreams, Mock Car Crash, Oahu” project was to provide an opportunity for local high school students to actively engage in and view a mock car crash in order to deter underage drinking.

**Pacific Addiction Research Center - Substance Abuse Intervention Program**

Pacific Addiction continued to incorporate alcohol intervention programs into the care of injured patients, especially those suffering from traffic-related traumas. The program used funds to train trauma personnel and provide supervision to detect and initiate treatment of alcohol and other substance abuse. By doing so, they hope that early intervention and treatment will lead to a reduction in trauma recidivism. During the grant period, a total of 1,466 trauma patients were consulted by the trauma team. Of those who received a consultation, 1,254 were screened for substance abuse. Of the 1,254 screened, 606 or 48%, were positive. Of the 606 who screened positive, 301 received a brief intervention from alcohol abuse, drug abuse or both. The most common drugs were marijuana, methamphetamine and cocaine. There were a total of 63 follow-up calls completed. The number of follow-up calls are low as many of the patients were difficult to reach. The completed calls showed that 97% of those patients reported that they have achieved the goals by either abstaining from their substance of choice or reducing their use.



*Leah Marx (sitting in the white chair), MADD Hawaii's Executive Director, on the local television talk show "Night Time with Andy Bumatai."*



**Department of Education Participation Statistics** (October 1, 2007 – September 30, 2008)

	Number of Students	Number of Adults	Number of Handouts	Number of Schools
Parent Project Prom /Graduation Traffic Safety Conferences	4	218	16,700	42
Elementary School Traffic Safety Conferences	74	24	200	16
National Meetings and Conferences	2	2	200	1
Project Graduation/Prom	6,000+	2,000+	1,835	57
Click It Or Ticket Activities	387	15	20	13
Pedestrian Safety Activities	9,537	210	445	119
Elementary Educational Resources	**60,000	**1,500	255,469	175
High School Educational Resources	**3,100	**25	10,619	20
Total	79,104	3,994	285,488	***

\*\*unable to determine exact number--minimum 60,000 elementary students and 1,500 elementary teachers; 3,100 high school students and 25 adults  
 \*\*\*minimum 175 elementary schools and 42 high schools



## Occupant Protection

### Occupant Protection Enforcement



Hawaii's efforts in maintaining its high seat belt use paid off with a 97% usage rate. During the Click It Or Ticket campaign (CIOT), all four county police departments provided high visibility enforcement, which was supported by a statewide media campaign that included television, radio and movie theater spots. Other efforts included distributing banners and posters statewide to federal, state, and county offices; churches; schools; rental car companies; as well as private businesses.

During the grant period, the four county police departments issued a total of 6,584 seat belt citations and 247 child passenger safety citations using grant funds.

### Child Passenger Safety Grants

Protecting Hawaii's children is one of the main priorities of the HDOT and our partners. As such, all four counties conducted child passenger safety activities throughout the year to ensure that parents and caregivers are familiar with Hawaii's child passenger restraint laws and know how to properly install their child safety seats. Grantees and volunteers provided free car seat checks in the communities, maintained fitting stations, and taught classes to expectant mothers. In addition, instructors and technicians received further training so that they remained up to date with the latest safety information.



### Occupant Protection Enforcement Statistics (October 1, 2007 – September 30, 2008)

	Honolulu	Hawaii County	Maui County	Kauai County	Total
Grant Funded Seat Belt Citations	2,215	1,035	2,871	463	<b>6,584</b>
County Funded Seat Belt Citations	4,612	2,024	0	540	<b>7,176</b>
Grant Funded Child Restraint Citations	100	78	46	23	<b>247</b>
County Funded Child Restraint Citations	169	465	0	56	<b>690</b>

### Child Safety Seat Statistics (October 1, 2007 – September 30, 2008)

	Oahu	Hawaii	Kauai	Maui	Total
4-day Training	1	2	0	2	<b>5</b>
Number Trained	25	17	0	16	<b>58</b>
2-day Training	1	0	0	0	<b>1</b>
Number Trained	9	0	0	0	<b>9</b>
One-Day Renewal Class	1	7	0	9	<b>17</b>
CPS Update Class	0	2	0	10	<b>12</b>
Community Check-ups	12	16	5	18	<b>51</b>
Number Served	394	276	89	323	<b>1,082</b>
Fitting Stations	7	4	4	6	<b>21</b>
Individual Appointments	964	37	36	n/a	<b>1,037</b>
Individual Installations	1001	32	44	n/a	<b>1,077</b>
Number of Direct Teachings*	10,048	35	36	n/a	<b>10,119</b>
Number of Indirect Teachings*	19,350	2,000	n/a	n/a	<b>21,350</b>

\*Direct Teaching refers to the number of participants in small group education and other classes.  
 Indirect Teaching refers to broader education, raising awareness, such as flyers and brochure distribution.

### Hawaii County Police Department "Click It Or Ticket" Basketball Tournament

Due to the overwhelming success of past Click It Or Ticket tournaments, the Hawaii County Police Department (HCPD) continued the program during 2008. They coordinated two tournaments in Hawaii County that attracted 465 participants between 5-17 years of age. In addition to earned media, HCPD increased awareness of CIOT through a presentation on Hawaii's seat belt and child safety seat laws that was seen by all participants and spectators.

### "Click It Or Ticket" Media Campaign

Once again, the HDOT continued to participate in the annual, national CIOT mobilization campaign in May 2008. Our responsibilities included coordinating the statewide media campaign and law enforcement efforts, as well as distributing educational and promotional materials such as banners and posters statewide. The post Click It Or Ticket observational survey showed that Hawaii's seat belt usage rate remained steady at 97%, one of the highest rates in the country.



## Safe Communities

### HDOT Safe Communities Program

The Safe Communities program funded and oversaw a total of 56 projects that addressed highway safety related areas of concern, such as alcohol countermeasures, occupant protection, pedestrian safety, speed control, safe communities, police traffic services, traffic records, and emergency services. Each of these programs were aimed to reinforce the State's goal of reducing motor vehicle fatalities and injuries through education and enforcement. Hawaii's Strategic Highway Safety Plan was used as a guide in project selection.

To raise awareness of our key safety messages, the Safe Communities program participated in the national "Click It Or Ticket" and "Drunk Driving. Over the Limit. Under Arrest." mobilizations. Funds were used to conduct media campaigns to promote both of these campaigns statewide.

In addition, the Safe Communities program coordinated traffic safety efforts throughout the federal fiscal year with our highway safety partners, including the four county police departments, the National Highway Traffic Safety Administration, the Federal Highway Administration, the Federal Motor Carrier Safety Administration, as well as state and county agencies, and safety advocates and coalitions. The program also tapped into highway safety resources in the community.

#### Kona Heavens Neighborhood Watch

Kona Heavens Neighborhood Watch received a grant to maintain their website, which uses the power of internet technology to create greater awareness of traffic safety in their community. *The Solutions: Neighborhoods in Action* website has become a valuable tool in disseminating traffic safety statistics to the public, and posting notices and minutes of the Hawaii County Traffic Safety Council. The website also provides Big Island residents with updates on traffic safety initiatives within their community and is a good example for other neighborhood groups.

#### Kauai Prosecuting Attorney

The goal of this project was to improve the skills and equipment resources of the County of Kauai, Office of the Prosecuting Attorney's Vehicular Crimes Deputy Prosecutor and the Juvenile Crimes Deputy Prosecutor. Using grant funds, the Deputy Prosecutor participated in the Impaired Driving Countermeasures lecture series where he learned about new prosecutorial techniques as well as new developments in the law and the technology being used to combat impaired driving and excessive speeders. Using the newly acquired skills, he has been able to improve conviction rates as a direct result of the grant.

#### Kauai Keiki Injury Prevention Coalition Traffic Safety Program

This program strives to reduce motor vehicle deaths and injuries in children and youth through various education programs. To reach this goal, the Kauai Keiki Injury Prevention Coalition (KKIPC), used grant funds to implement three programs. KKIPC coordinated a Shattered Dreams program at Waimea High School

### Federal Fiscal Year 2008 Highway Safety Plan Cost Summary

Project Title	Total
Program Administration	\$29,500
Police Traffic Services	\$50,610
Alcohol Countermeasures	\$1,011,212
Traffic Records	\$500,000
Emergency Medical Services	\$0
Occupant Protection	\$775,620
Speed Control	\$282,112
Motorcycle Safety	\$110,000
Safe Communities Program	\$457,310
Pedestrian/Bicycle Safety	\$211,364
<b>NHTSA TOTAL</b>	<b>\$3,427,728</b>

to increase traffic safety awareness among teenagers. The second program area was to increase awareness of Hawaii's child restraint laws and to promote correct child safety seat usage. The third program area was to promote safe walking habits among local elementary school children. KKIPC staff and the Kauai Police Department spoke with parents and children about safe habits and walked through the neighborhoods to determine the safest routes for children to walk to school.

#### Prosecutors Training

Funding was used to create a statewide Traffic Safety Resource Prosecutor (TSRP) position to coordinate training and assist prosecutors and police in improving prosecution of traffic related cases. The TSRP was also active in the Ignition Interlock task force and participated in various traffic safety meetings such as the Governor's Highway Safety Council, North Hawaii Outcomes Project and Traffic Commanders meetings. Funds were also used to host two statewide training sessions entitled "Understanding Adult Learning and Critiques for Better Performance" and "Basic Trail Prep." Prosecutors and police officers from all four counties attended the courses. A course entitled "Teaching Trial Advocacy" was also held for Deputy Prosecutors.

#### Judges Training

Grant funds were used to send four district court judges to the 2007 ABA Judicial Division Traffic Court Seminar in Seattle, Washington. The seminar was a good opportunity for district court judges to be apprised of alcohol-related laws and legal issues as well as new technology that aids in the efficient processing of traffic citations. Additionally, the information about advancements in the adjudication of traffic cases assisted the judges in streamlining current procedures. Upon their return, the seminar attendees conducted a presentation at the 2008 District Court Symposium and provided their colleagues with seminar materials and discussed OVUII and CDL issues.



## Speed Control

### Speed Countermeasures

**S**peeding continues to be a problem on our roadways and is a top priority of Hawaii's four county police departments. Using grant funds, a total of 6,187 citations were issued statewide. In addition to citations, the following activities occurred during the grant period to curb speeding:

*The Honolulu Police Department used grant funds to purchase 21 laser detector speed instruments.*

*The Kauai Police Department issued 146 speeding citations for speeding in a construction/school zone and 85 excessive speeding citations.*

*The Hawaii County Police Department issued 66 citations for seat belt violations and 2,367 for child restraint. They also issued 71 moving citations and 504 citations for other traffic violations and purchased four dual directional radar units that were installed in their unmarked vehicles.*

*The Maui Police Department issued 53 excessive speeding violations and made 31 DUI, DWOL and excessive speeding arrests.*

### Hawaii County Police Department Aggressive Driving Program

The Hawaii County Police Department is persistently working to combat excessive speeding and aggressive driving. The police department was issued a grant to conduct high visibility checkpoints. During the grant period, they conducted a total of 171 checkpoints and issued 1,056 speeding citations as well as 668 citations for seat belt and child restraint violations. They also initiated three arrests for outstanding bench warrants and three arrests for driving under the influence.

### Kona Heavens Speed Brochure

The Kona Heavens Neighborhood Watch Group updated their rack card, which reminded people about the consequences of speeding and was distributed within their county along with a letter from the Hawaii County Police Department's Chief. The card also listed information about Hawaii speeding laws, the cost of a citation and speeding statistics.

### Speed Enforcement Statistics (October 1, 2007 – September 30, 2008)

	Honolulu	Hawaii County	Maui County	Kauai County	Total
Grant Funded Speed Citations	2,303	1,056	2,087	741	<b>6,187</b>
County Funded Speed Citations	40,915	11,500	0	1,383	<b>53,798</b>

## Pedestrian/Bicycle Safety

### The Limtiaco Company - Walk Wise Hawaii

**T**he Limtiaco Company was issued a grant to continue their pedestrian safety awareness campaign. One of their top priorities is to increase public awareness of pedestrian safety and Hawaii's pedestrian laws through earned media opportunities. They distributed news releases and public service announcements regarding walking and driving safety. The Limtiaco Company also pitched pedestrian stories to local television stations and publications and were successful in generating media coverage and free advertisements to promote pedestrian safety. In addition, the Limtiaco Company coordinated a Walk Wise Hawaii speakers bureau, which offered free pedestrian safety classes to anyone who was interested. During the grant period, the speakers reached over 600 seniors during their presentations.



### City & County of Honolulu Department of Transportation Services

The Department of Transportation Services (DTS) was a tireless partner in our effort to reduce pedestrian fatalities and injuries. During the grant period, DTS expanded the scope of its program to include elementary school students. They partnered with the Department of Education to distribute pedestrian safety tips DVDs to public schools statewide. The DVDs were accompanied with a certificate, a take-home brochure to discuss with parents, and a keychain to remind the students about the safety tips they learned at school. DTS also distributed information at community events such as "The Good Life Expo," which is Hawaii's largest fair for seniors.

### Honolulu Police Department Pedestrian Enforcement Program

The Honolulu Police Department remained steadfast in their commitment to pedestrian safety. Funds were used to conduct additional enforcement of Hawaii's pedestrian law, which requires drivers to stop for pedestrians. A total of 3,038 pedestrians and 2,011 motorists were cited during the grant period.

**There were no grant-funded bicycle projects during this federal fiscal year.**





# Traffic Records

## Statewide Data Committee

Updating Hawaii’s data collection processes and ensuring the State is compliant with federal standards are a top priority of the Hawaii Traffic Records Coordinating Committee (HTRCC). The committee, which included the four county police departments and other federal, state and county agencies, met monthly this past year to address a number of priorities, such as finalizing and implementing the newly updated Motor Vehicle Accident Report (MVAR) form, as well as developing systems to collect data electronically. The new MVAR will increase crash information quality – by collecting such information as driver distractions (cellular phones, other electronic communication devices, other electronic devices, etc.) – and be consistent with nationally accepted guidelines and standards of the Model Minimum Uniform Crash Criteria (MMUCC).

### Honolulu Police Department

In addition to implementation of the new MVAR form, the Honolulu Police Department purchased 40 handheld devices as part of its pilot electronic citation project. Also, work has started on the installation of the program software and interfacing with the handhelds and the Judiciary/Judiciary Information Management System (JIMS). Electronic citations would help rectify the numerous deficiencies the police departments and the Judiciary contend with in regards to timeliness, accuracy, completeness, uniformity, accessibility and integration of the citation information. Initially targeted for the motorcycle patrol unit, this electronic citation application would be subsequently transferred and made available to district patrol units in all counties. The pilot program is expected to be launched by the end of calendar year 2008.

In addition, the department worked with a consultant to create an electronic version of the MVAR for its Records Management System. The electronic MVAR was implemented September 2, 2008.

### Motor Vehicle Accident Report Form Training

After three years of revisions, the newly updated MVAR form was finalized and approved by Hawaii’s Director of Transportation. Prior to statewide implementation of the new form, a three-day train-the-trainer workshop was conducted for the county police departments, sheriff’s department and other affected agencies. Copies of the new form and reference manuals were printed and distributed to police department representatives, who trained other police officers. Three of the four county police departments – Honolulu Police Department, Hawaii County Police Department and Kauai Police Department – began implementation of the MVAR on or around September 1, 2008. Grant funds were also used to send two representatives from the HDOT Traffic Branch to the 34th Annual International Forum on Traffic Records and Highway Safety Information Systems.

### Kauai Police Department

The Kauai Police Department used their funds to participate in the monthly HTRCC meetings and to attend the 34th Annual International Forum on Traffic Records and Highway Safety Information Systems. Funds were also expended to purchase equipment to upgrade the department’s Records Management System server to implement the new MVAR. Patrol officers were trained on the new form, and the MVAR was implemented on August 20, 2008.

### Emergency Medical Services Hawaii Emergency Medical Services Information System (HEMSIS)/National Emergency Medical Services Information System (NEMSIS)

The Hawaii Department of Health Emergency Medical Services and Injury Prevention System Branch worked to improve its Injury Surveillance System (ISS) and make the Hawaii ISS data system, also known as the Hawaii Emergency Medical Services Information System (HEMSIS), 100% NEMSIS compliant. To achieve these goals: a HEMSIS data committee was formed, national data elements were identified, the NEMSIS silver compliant E5 software was developed, a beta version of the software was tested on Maui, Kauai and Hawaii counties, and train-the-trainer sessions were conducted in all counties. In addition, four rugged laptop computers were purchased for use in training paramedics on data input.

### Maui Police Department

The Maui Police Department used their funds to conduct MVAR training throughout the county, including Molokai and Lanai. Implementation of the MVAR in electronic format began on November 1, 2008. The department also used their funds to purchase software licenses to enhance the system that houses the electronic MVAR. In addition, funds were used to participate in the monthly HTRCC meetings and to send one representative to the 34th Annual International Forum on Traffic Records and Highway Safety Information Systems.

### Judiciary Citation Software

Funds were granted to purchase the software necessary to receive citation data from the four county police departments. However, the Honolulu Police Department wasn’t able to start its electronic citation pilot project yet due to unforeseen circumstances, and the Judiciary was working on resolving some issues with JIMS.

### Hawaii County Police Department

The Hawaii County Police Department used their funds to participate in monthly HTRCC meetings and to attend the 34th Annual International Forum on Traffic Records and Highway Safety Information Systems. Representatives were also sent to attend the MVAR train-the-trainer workshop in Honolulu.

## Police Traffic Services

Reducing the amount of time it takes to investigate a crash scene while improving investigation techniques continued to be a priority for Hawaii's four county police departments. The police departments strive to reduce the amount of time the roads are closed without compromising the integrity of their investigation.

### Honolulu Police Department

The Institute of Police Technology and Management (IPTM) conducted a course on Energy Methods and Damage Analysis in Traffic Crash Reconstruction in July 2008. A total of 20 statewide traffic investigators attended this course.

### Hawaii County Police Department

Three officers from the Hawaii County Police Department (HCPD) attended a Speed Measurement Lab Inc. – Radar/Laser Instructors Course on Kauai. HCPD also conducted Radar and Laser certification for their recruit classes. A total of 33 officers were trained including seven recruits from the 74th recruit class.

One officer attended an Intoxilyzer 8000 Training and Maintenance Course. A total of seven officers were certified in the Intoxilyzer 5000 and 8000 as operators and supervisors during the grant period.

HCPD also purchased Visual Statement diagramming program to be used by their Traffic Enforcement Units.

### Maui Police Department

The Maui Police Department (MPD) sent a Civilian Reconstructionist to the CSI Crash Data Retrieval (CDR) Data Analyst Certification Course and the CSI 2008 Crash Conference and CDR Train-the-Trainer Course. MPD had planned to send their officers to additional reconstruction courses, but none were offered during the grant period.

### Kauai Police Department

The Kauai Police Department (KPD) hosted a statewide Radar/Laser Instructors course. A total of 18 police officers participated and passed the course as certified instructors. Five were from KPD, four from MPD, three from Honolulu Police Department (HPD), three from HCPD, two from the Pacific Missile Range Facility and one from Hickam Air Force Base. Two KPD officers also attended the Energy Methods and Damage Analysis in Traffic Crash Reconstruction Course hosted by HPD.



## Emergency Medical Services

Every second counts. Reducing the amount of time it takes to extricate and transport accident victims to a hospital emergency room is vital and can make the difference between life or death. While emergency medical services is an area of concern for HDOT, there were no emergency medical services projects that were approved in FFY 2008. Funds are available and we hope to fund these vital services in the next fiscal year.



## Motorcycle Safety

Hawaii's beautiful year-round weather and some of the most picturesque scenic routes in the nation make it a haven for commuter and weekend cyclists.

In 2007, there were approximately 26,978 motorcycles and motor scooters registered in the State of Hawaii. While not a huge number, the number of motorcyclists has been growing rapidly. The safety of all residents and visitors traveling on motorcycles is an important consideration in the overall safety strategy for the State, and the HDOT continues to monitor motorcycle safety and accident statistics as an area of significant concern.



## 2008 Annual Performance Report

Program Group or Area	2002	2003	2004	2005	2006	5 yr avg	2007	% Change 2006 vs. 2007	% Change 5 yr avg vs. 2007
<b>TOTAL PROGRAM</b>									
Total Fatalities	119	133	142	140	161	139	138	-14%	-7%
<i>The number of fatalities decreased from 161 in 2006 to 138 in 2007, a 14 percent decrease. Comparing the five-year average to 2007, there was less than a one percent decrease from 139 to 138. With our Strategic Highway Safety Plan (SHSP), we hope to reduce the number of fatalities to 100 by 2012.</i>									
Total Injuries	8,938	6,453	8,771	8,869	7,725	8,151	n/a	n/a	n/a
<i>The data for the number of injuries for 2007 is not complete at this time, therefore no comparisons are available.</i>									
<b>ALCOHOL</b>									
Drinking Drivers in Fatal Crashes	28	45	43	55	63	47	56	-11%	+19%
<i>The number of fatal crashes decreased from 63 in 2006 to 56 in 2007, an 11 percent decrease. Comparing the five-year average to 2007, there was a 19 percent increase from 47 to 56. We hope to further lower the number of fatal crashes through alcohol countermeasures using additional 410 federal funding that Hawaii has received.</i>									
16-20 Age Group-Drinking Drivers in Fatal Crashes	6	9	10	3	8	7	5	-38%	-29%
<i>The number of fatal crashes decreased from 8 in 2006 to 5 in 2007, a 38 percent decrease. Comparing the five-year average to 2007, there was a 29 percent decrease from 8 to 5. We hope our Graduated Driver Licensing driver education program may be partly responsible for these decreases since it prevents teens from driving alone.</i>									
<b>OCCUPANT PROTECTION</b>									
Safety Belt Survey (January results)	90.4%	91.8%	95.1%	93.2%	93.7%	92.8%	94.6%	+9%	+1.8%
<i>The seat belt usage percentage rate increased from 93.7 percent in 2006 to 94.6 percent in 2007, a less than one percent increase. Comparing the five-year average to 2007, the usage rate increased by 1.8 percent from 92.8 percent to 94.6 percent. As these results are our pre-Click It Or Ticket mobilization survey, we are encouraged by the high usage rate.</i>									
Child Safety Seat Usage (Infants) (January results)	90.9%	95.4%	97.1%	93.4%	91.8%	93.7%	91.5%	-.3%	-2.2%
<i>The infant child safety seat usage rate decreased from 91.8 percent in 2006 to 91.5 percent in 2007, a less than one percent decrease. Comparing the five-year average to 2007, the usage rate decreased from 93.7 percent to 91.5 percent, a decrease of 2.2 percent. In the upcoming federal fiscal year, we plan to increase our educational and media messages in order to increase awareness of Hawaii's laws and usage.</i>									
Child Safety Seat Usage (Toddlers)	59.5%	62.2%	82.5%	73.5%	74%	70.3%	62.3%	-11.7%	-8%
<i>The child safety seat usage percentage rate for toddlers decreased from 74 percent in 2006 to 62.3 percent in 2007, an 11.7 percent decrease. Comparing the five-year average to 2007, the usage rate decreased from 70.3 percent to 62.3 percent by eight percent. In the upcoming federal fiscal year, we plan to increase our educational and media messages in order to increase awareness of Hawaii's laws and usage.</i>									
All Occupant Fatalities (Percent Restrained)	40%	48.2%	38.5%	41.4%	37.5%	41.1%	48%	+10.5%	+6.9%
<i>The percentage for the number of fatalities restrained increased from 37.5 percent in 2006 to 48 percent in 2007, a 10.5 percent increase. Comparing the five-year average to 2007, there was a 6.9 percent increase from 41.1 percent to 48 percent. We believe our seat belt restraint use increased as a result of continuing "Click It Or Ticket" enforcement and educational efforts.</i>									
16-20 Age Group Fatalities (Percent Restrained)	16.7%	45%	35.7%	33.3%	28%	25%	0%	-28%	-25%
<i>The percentage of the number of fatalities restrained for ages 16-20 decreased by 28 percent. In this age group, there was a total of 6 fatalities with 5 unrestrained and one unknown.</i>									
0-4 Age Group Fatalities (Percent Restrained)	0%	0%	100%	100%	100%	n/a	100%	0%	n/a
<i>There was no increase in the percentage of fatalities from 2006 to 2007. A comparison is not available for the five-year average to 2007.</i>									

Program Group or Area	2002	2003	2004	2005	2006	5 yr avg	2007	% Change 2006 vs. 2007	% Change 5 yr avg vs. 2007
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## SPEED CONTROL

Excessive Speed Fatal Crashes	43	38	55	66	67	54	57	-15%	+06%
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The number of fatal crashes decreased from 67 in 2006 to 57 in 2007, a 15 percent decrease. Speeding continues to be an area of concern for Hawaii and we will continue with our enforcement efforts.

Excessive Speed Injury Crashes	329	765	729	708	619	630	n/a	n/a	n/a
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The data for the number of injury crashes involving excessive speed for 2007 is not complete at this time, therefore no comparisons are available. Speeding continues to be a large problem in Hawaii and we plan to continue our enforcement efforts.

## PEDESTRIANS/BICYCLES

Pedestrian Fatalities	33	23	31	36	32	31	28	-12.5%	-9.7%
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The number of fatalities decreased from 32 in 2006 to 28 in 2007, a 12.5 percent decrease. We have stepped up our enforcement and educational efforts and hope to see a larger decrease in the coming year.

Pedestrian Injuries	578	558	553	573	531	559	n/a	n/a	n/a
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The data for the number of pedestrian injuries for 2007 is not complete at this time, therefore no comparisons are available.

Bicyclist Fatalities	4	6	6	4	4	5	4	0%	-20%
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The number of fatalities stayed the same at 4 in 2006 and 2007. Comparing the five-year average to 2007, there was a 20 percent decrease from 5 to 4. The numbers are too small to see a trend.

Bicyclist Injuries	308	337	340	348	251	317	n/a	n/a	n/a
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The data for the number of bicyclist injuries for 2007 is not complete at this time, therefore no comparisons are available.

## MOTORCYCLE

Motorcyclist Fatalities	24	19	21	22	21	21	25	+19%	+19%
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The number of motorcycle fatalities increased from 21 in 2006 to 25 in 2007, a 19 percent increase. Comparing the five-year average to 2007, there was a 19 percent increase from 21 to 25. This is a growing area of concern for Hawaii and we will strengthen our efforts in the coming year.

Motorcyclist Injuries	394	763	681	705	695	648	n/a	n/a	n/a
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The data for the number of motorcyclist injuries for 2007 is not complete at this time, therefore no comparisons are available.

Motorcyclist: % Helmeted in Fatal Crashes	40.9%	42.9%	40%	36.4%	23.8%	36.4%	22.2%	-1.6%	-14.2%
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During the past two years, there has been a decline in helmet use in fatal motorcycle crashes. We hope to increase helmet use through our motorcycle education courses.

## TRAFFIC RECORDS

Drivers in AR Fatal Crashes (No BAC Given)	16	17	15	18	11	15	10	-9%	-33%
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The number of alcohol-related fatal crashes decreased from 11 in 2006 to 10 in 2007, a nine percent decrease. Comparing the five-year average to 2007, there was a 33 percent decrease from 15 to 10.

## EMERGENCY MEDICAL SERVICES

Urban (Response Time – Notification to Arrival)	6.4 min	8.8 min	8.9 min	9.0 min	7.0 min	8.0 min	7.0 min	0%	-12.5%
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We will continue to work with EMS in order to lower response times

Rural (Response Time – Notification to Arrival)	9.6 min	10.9 min	9.9 min	10.6 min	10 min	10.2 min	10.2 min	+2%	0%
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We will continue to work with EMS in order to lower response times.



<b>Annual Evaluation Report Summary</b>	<b>2006</b>	<b>2007</b>
Population	1,285,498	1,283,388
Vehicle Miles Traveled (Millions) – VMT	10,226.30	10,394
Traffic Fatalities	161	138
Traffic Fatalities & Serious Injuries	7,884	n/a
VMT Fatality Rate	1.57	1.33
VMT Fatality & Serious Injury Rate	77.1	n/a
Population Fatality Rate (100,000)	12.52	10.76
Registered Vehicle Fatality Rate	13.89	11.82
Population Fatality & Serious Injury Rate (100,000)	613.3	n/a
Alcohol Involved Fatalities	79	69
VMT Alcohol Fatality Rate	0.77	0.66
Population Alcohol Fatality Rate (100,000)	6.2	5.4
Percent Population Using Seat Belts	93.7%	97.6%
Percent Fatal Vehicle Occupants Unbelted	37.5%	40.3%

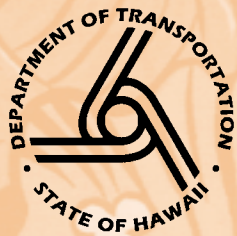


## Federal Aid Reimbursement

Program Area/Project	HCS Federal Funds Obligated	Amount of Share-to-Local Benefit	Cumulative State/Federal Cost to Date	Cumulative Federal Funds Expended	Federal Previous Amount Claimed	Federal Funds Claimed this Period
<b>NHTSA</b>						
<b>NHTSA 402</b>						
Planning and Administration	\$32,990.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Alcohol	\$550,819.27	\$289,027.29	\$385,819.84	\$308,655.86	\$308,655.86	\$0.00
Motorcycle Safety	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Occupant Protection	\$658,105.41	\$465,948.66	\$602,608.71	\$482,086.95	\$357,582.89	\$124,504.06
Pedestrian/Bicycle Safety	\$233,324.86	\$109,184.37	\$137,857.14	\$110,285.71	\$110,285.71	\$0.00
Police Traffic Services	\$102,939.00	\$42,644.93	\$53,306.17	\$42,644.93	\$33,576.56	\$9,068.37
Traffic Records	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Safe Communities	\$502,971.01	\$16,342.61	\$432,568.52	\$346,054.80	\$346,054.80	\$0.00
Speed Control	\$181,335.47	\$152,506.29	\$190,632.86	\$152,506.29	\$152,506.29	\$0.00
<b>NHTSA 402 TOTAL</b>	<b>\$2,412,485.02</b>	<b>\$1,075,654.15</b>	<b>\$1,802,793.24</b>	<b>\$1,442,234.54</b>	<b>\$1,308,662.11</b>	<b>\$133,572.43</b>

405 OP SAFETEA-LU TOTAL	\$170,106.94	\$144,153.27	\$576,613.08	\$144,153.27	\$144,153.27	\$0.00
406 SAFETY BELTS INCENTIVE TOTAL	\$1,173,392.50	\$327,242.43	\$327,242.43	\$327,242.43	\$214,707.91	\$112,534.52
408 DATA PROGRAM SAFETEA-LU TOTAL	\$1,161,688.19	\$431,537.59	\$564,475.93	\$451,580.74	\$407,704.64	\$43,876.10
410 ALCOHOL SAFETEA-LU TOTAL	\$1,462,397.34	\$239,309.08	\$421,405.05	\$239,309.08	\$239,309.08	\$0.00
410 HIGH FATALITY RATE TOTAL	\$715,884.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
410 HIGH VISIBILITY TOTAL	\$715,885.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2010 MOTORCYCLE SAFETY INCENTIVE TOTAL	\$205,032.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 CHILD SEATS INCENTIVE TOTAL	\$101,549.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

<b>NHTSA TOTAL</b>	<b>\$8,118,420.95</b>	<b>\$2,217,896.52</b>	<b>\$3,692,529.73</b>	<b>\$2,604,520.06</b>	<b>\$2,314,537.01</b>	<b>\$289,983.05</b>
<b>GRAND TOTAL</b>	<b>\$8,118,420.95</b>	<b>\$2,217,896.52</b>	<b>\$3,692,529.73</b>	<b>\$2,604,520.06</b>	<b>\$2,314,537.01</b>	<b>\$289,983.05</b>



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