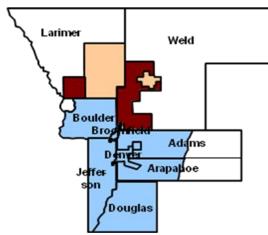
2010 Annual Report On the Automobile Inspection and Readjustment Program





July 1, 2011

Annual AIR Program Report

Executive Summary

The nine-county Front Range area maintains an automotive emissions inspection program whose purpose is to improve air quality through the detection, and repair of excessively emitting vehicles. Mobile sources emissions constitute one of the larger categories of controllable emissions that contribute to summertime ozone concentrations. Lowering vehicle emissions through repairing dirty vehicles contributes to a cleaner motor vehicle fleet, and improvement in the Front Range area's air quality.

AIR Program

The Automobile Inspection and Readjustment (AIR) Program consists of an "enhanced" Inspection Maintenance (IM) Program that utilizes a dynamometer-based IM240 test for 1982 and newer light-duty vehicles and a two-speed idle test for 1981 and older light-duty and all heavy-duty gas vehicles. A visual test and gas cap check are also conducted to check for required emissions control equipment and for evaporative emission leaks. The program is registration enforced.

Vehicles are exempt from inspection for the first four model years. Vehicles that transfer ownership during this period are also exempt from inspection if they have at least 12 months left on their vehicle registration. As a result of these exemptions, approximately 405,000 vehicles were exempt in 2010 from undergoing emissions inspections.

IM Network

The IM Network consists of 14 Air Care Colorado centers with 75 inspection lanes located throughout the seven-county Denver metropolitan area. Another four Air Care Colorado centers with 21 inspection lanes have been recently constructed and are now operating in the IM expansion parts of Weld and Larimer counties as of November 1, 2010.

The 18 centralized facilities inspect 1982 and newer, as well as 1981 and older and heavy-duty vehicles. There are also four independent test-only stations that test only 1981 and older vehicles. Fleets are allowed to conduct their own inspection of their vehicle fleet. Based on this provision, 22 fleet stations are currently licensed for testing qualifying commercial and governmental fleet vehicles.

As part of an effort to increase motorist convenience and limit the number of vehicles undergoing the traditional IM inspection, the State has developed a clean-screen program, called RapidScreen, for the Front Range program area. The clean screen element of the IM Program uses Remote Sensing Device (RSD) systems to measure tailpipe emissions while a vehicle is operating on the road. Those vehicles meeting the clean screen criteria are then exempted from the next regularly scheduled emissions test. In 2010 there were a total of 18 RSD units operating within the Denver metropolitan area, with an additional four RSD units operating within parts of expanded Larimer and Weld county program area.

IM Program Results

During 2010, in the entire nine-county expanded program area, there were approximately 690,000 and 63,000 IM240 and two-speed idle tests conducted respectively. Additionally, 210,000 unique vehicles were observed by RSD that met clean screen program requirements. For all of calendar year 2010, the IM240 failure rate was 8.29%, with the 2-speed idle failure rate being 8.23%.

The net cost of the total program during 2010 was estimated to be approximately \$28.98 million. This estimate is based on vehicle inspection costs, cost of repairs, vehicle registration fees, and estimated fuel savings. For ozone precursors the Air Pollution Control Division estimates the cost effectiveness of the inspection program at \$5,553 per ton removed. For carbon monoxide (CO) the cost effectiveness is estimated at \$668 per ton.

New developments

Starting November 1, 2010, the seven-county enhanced IM Program was expanded into parts of Larimer and Weld counties, reflecting the contribution these areas have on the Front Range's air quality nonattainment status. This expansion was mandated by Senate Bill 09-003. The bill also changed the definition of collector series vehicles to include the inspection requirements for vehicles currently registered as collector series vehicles.

As a result of this expansion, it is expected that an additional 187,500 vehicles will be subject to enhanced IM testing annually. In preparation for this, an additional four Air Care Colorado centers with 21 inspection lanes were added to the program, located in the southeast parts of Larimer County, and southwest portion of Weld County, covering the populated areas of Fort Collins, Loveland, and Greeley.

Along with expansion of the IM network, the Clean Screen Program added four new remote sensing vans for this area, with monitoring activities beginning in June 2010. To assist in helping the public and industry in repairing failing vehicles, two technical centers were added, located in Fort Collins and Greeley. Also, to aid the repair industry a series of technical workshops were held throughout 2010 to prepare industry for the start of this program.

To improve the current RapidScreen programs effectiveness, a 1,000 parts per million (ppm) NOx standard was added to the existing HC (200 ppm) and CO (0.5 percent) standard. As reported in the 2009 Program Audit, by adding this NOx standard the percent program benefit loss will be reduced approximately 45% for HC and CO and 70% for NOx.

To reduce overall test times, starting November 1, 2010 the average motorist queue time threshold for potential fines and/or administrative actions was extended from 15 to 20 minutes, but with a new critical 20-minute total test time limit for the entire inspection process. Before this change, the contractor would be susceptible to fines if the overall queue-time average was greater than 15 minutes over a two-hour time period. This wait-time provision only addressed motorist queue time, not the overall time of the entire inspection process. The addition of a test-time limit to the current queue-time provision better reflects the overall time spent at an inspection station, not just the time the motorist experiences before the inspection begins, and should result in lower total test times for the motorist. This was seen in the November/December test times, with overall queue time decreasing by over a minute and average test times decreasing by over 3 minutes.

Introduction

The State of Colorado maintains an automotive emissions inspection program in the nine-county Front Range area. The purpose of the vehicle emissions inspection program is to lower automotive emissions through the identification and repair of excessively emitting vehicles. Repair of these high emitting vehicles result in lower vehicle emissions and contributes to improvement in the area's air quality. As a group, mobile sources are one of the larger categories of controllable emissions that contribute to the Front Range's summertime ozone levels.

The current Automobile Inspection and Readjustment (AIR) program was authorized by HB93-1340, and began operations on January 1, 1995. It consists of an "enhanced"

Boulder Brownied Adams Denver Arapaboe Son Douglas Current IM Program Area Regulatory Expansion

Area

SB09-03

Expansion

IM Program Area

Inspection Maintenance (IM) Program that utilizes a dynamometer-based IM240 test for 1982 and newer light-duty vehicles and a two-speed idle test for 1981 and older light-duty and all heavy-duty gas vehicles. A visual test and gas cap check are also conducted on 1975 and newer vehicles. The program is registration enforced. Vehicles four model years of age and newer are exempt from inspection, as well as used vehicles that are sold during their exemption period.

To improve motorist convenience, the State also administers a remote sensing-based "clean screen" program. Remote sensing is a method for monitoring vehicle emissions while simultaneously photographing the license plate when a vehicle passes through infrared and ultraviolet beams of light. Owners of vehicles meeting the clean screen criteria are notified by the County Clerk that their vehicle has passed the inspection process, and are exempt from their next regularly scheduled IM240 emissions test.

Envirotest is the contractor selected by the state to operate the program. They are charged with operating the network of test-only stations, providing data and communication services, and the operation of the remote sensing network. They have been the state contractor since the enhance IM Program was established in 1995.

At the end of 2010 the AIR Program covered the nine-county Front Range area, including all or portions of Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, Jefferson, Larimer, and Weld counties. The latter two North Front Range counties began inspecting gasoline powered motor vehicles on November 1, 2010. As such, most of this report will concentrate on program results for the seven-county Denver metropolitan area that operated the program for the entire calendar year.

IM Program

IM Network

At the start of the 2010 calendar year, there were 14 Air Care Colorado centers with 75 inspection lanes located throughout the seven-county Denver metropolitan area. With the expansion of the program into parts of Larimer and Weld counties, an additional four centers and 21 inspection lanes were added to the program. The Air Care Colorado centers are centralized facilities that inspect 1982 and newer, as well as 1981 and older and heavy-duty vehicles. Complimenting this centralized network are four independent test-only stations that test only 1981 and older vehicles. Additionally, there are 22 stations licensed for testing their own qualifying commercial and governmental fleet vehicles.

To increase motorist convenience, and limit the number of vehicles undergoing the traditional IM inspection, the State has implemented a clean-screen program, called RapidScreen. This program uses Remote Sensing Device (RSD) systems to measure tailpipe emissions while a vehicle is operating on the road. Those vehicles meeting the clean screen criteria are then exempted from the next regularly scheduled emissions test. In 2010 there were a total of 18 RSD units operating within the Denver metropolitan area, with another four RSD units, starting June 1, 2010 dedicated to the expanded program area contained in parts of Larimer and Weld counties.

New Program Developments

The most significant new development this year is the expansion of the enhanced IM Program's area to include parts of Larimer and Weld counties. Rapid growth in these two counties significantly contributes to the Front Range's ozone problem, and has led to these areas being included in an enlarged Denver/North Front Range Ozone State Implementation Plan (SIP). The inclusion of these areas into the current enhanced program will make a measurable contribution to the control of ozone precursors from mobile sources.

Originally, as approved at a December 2008 Commission public hearing, the proposed expansion was to only involve the previous North Front Range "basic" IM program area; an area that had been discontinued as a result of attainment of then federal ambient air quality standards. With the passage of Senate Bill 09-003 this expansion area was revised to include much of the remaining non-IM areas of southwest Weld County and the Estes Park region of Larimer County. At a hearing held in March 2010, the Air Quality Control Commission confirmed the southwest Weld County expansion, and directed the Health Department to look at various IM designs for the Estes Park region of Larimer County.

As required by Colorado Revised Statue 42-4-316, an audit of the AIR Program was performed in 2009 by dKC de la Torre Klausmeier Consulting. As a result of the audit the Department implemented a 1,000 ppm NOx standard along with the existing programs qualification criteria for a vehicle to be determined clean and be eligible to participate in the RapidScreen Program.

As of November 1, 2010, a new vehicle wait time requirement was implemented for the entire program area. The vehicle wait time is now comprised of queue time along with test time. Queue time for a specific vehicle is the amount of time elapsed from the time the vehicle license plate is recorded by the license plate reader system (LPR) until the time the vehicle reaches position 1 and the vehicle information is entered into the data system. Test time for a vehicle is the amount of

time elapsed from when the vehicle data is entered at position one, until the time that the motorist receives their Vehicle Inspection Report (VIR) at position three. A wait time violation is assessed when an inspection center exceeds an average queue time or test time of 20 minutes over a 2-hour period and the facility is staffed less than 78% of the inspection center's employment capacity. This new way to monitor wait time is different than the prior wait time assessment which only an average queue time that exceeded 15 minutes over any 2-hour period was applied. Lower overall total test times for the motorist should result. This was seen in the November/December test times, with overall queue time decreasing by over a minute and average total test times decreasing by over 3 minutes.

IM 240 Program Results

The IM240 element of the enhanced IM program uses the IM240 loaded-mode dynamometer test cycle. This test is arguably the most accurate currently used emissions test for replicating the federal test procedure that is used to certify new model year vehicles.

IM240 Test Results for the Denver Metropolitan Area

In the Denver metropolitan area, there are roughly 2.5 million registered vehicles. Of these, most are subject to IM inspection every two years after their initial four year exemption period. For 2010, there were a total of 680,436 vehicles that underwent an initial IM240 inspection. Initial inspections are the first inspection that a vehicle undergoes, and generally the last, since most vehicles pass this inspection. However, excessively emitting vehicles will fail this initial test and have to undergo additional testing after repair. Of the 680,436 vehicles undergoing IM240 inspections, 56,299 vehicles failed, which resulted in an IM240 initial failure rate of 8.27%. Vehicles may be failed for a number of causes. These include missing or broken emission control equipment, excess exhaust emissions, or evaporative emissions. Of the 56,299 initial IM240 failures in 2010, 30,603 failed for excess exhaust emissions, with 25,696 failing for other causes. The 30,603 initial inspection failures equate to an exhaust emissions failure rate of 4.50%.

The IM240 overall failure rates as well as exhaust failure rates are shown in Figures 1 and 2 for all 1982 and newer vehicles. Emission failures could be for excessive HC, CO, or NOx emissions, either for any one pollutant or any combination of two or more of these criteria pollutants. Emission standards used to fail a vehicle are set for individual model years and vehicle types. All standards are set so that well-maintained vehicles will reasonably pass, with adequate buffer to prevent marginal vehicles from falsely failing the inspection.

As shown in Figure 1 and 2, the highest failure rates were found for the 1982 to 1990 model years. For this group of vehicles, model year failure rates ranged from 15% to over 38%. This contrasts with the failure rate for the newest of the model years, which was significantly lower as expected, even with these vehicles being subject to the most stringent standards. Because of the low failure rates experienced by the newest vehicles, and the high probability that they should pass an emissions test, the state exempts the first four model years of vehicles from periodic emissions inspection.

Figure 1

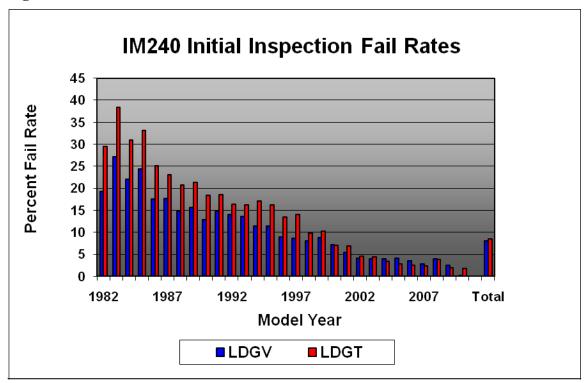
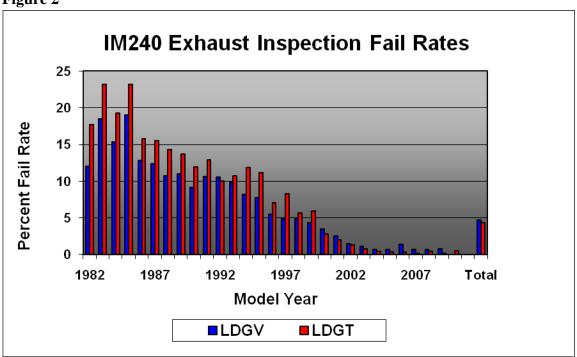


Figure 2



In terms of average model year emissions, Figure 3 through 5 compare emissions of initial inspections for HC, CO, and NOx for passing and failing vehicles by model year. As with failure rates shown in Figure 2, HC, CO, and NOx emissions are highest for the earliest model year vehicles. Average vehicle emissions for these vehicles, that fail their IM inspection, range up to 5.12 grams per mile for hydrocarbons, 66 grams per mile for carbon monoxide, and 2.75 grams per mile for nitrogen oxides. For similar aged passing vehicles, emissions are substantially lower as they should be; they range up to 2.10 grams per mile for hydrocarbons, 24 grams per mile for carbon monoxide, and 2.35 grams per mile for nitrogen oxides. Again these emission values are for the oldest model year vehicles that are well-maintained and pass their initial IM240 test. As expected, average exhaust emissions drop significantly for newer vehicle model years, with the newest model years registering a fraction of the average emissions of the oldest vehicles, in terms of both passing and failing emissions.

Figure 3

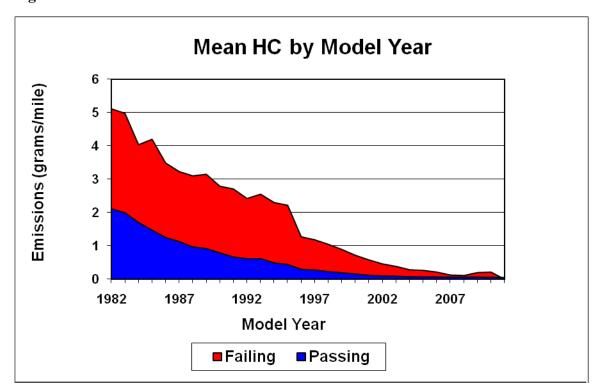


Figure 4

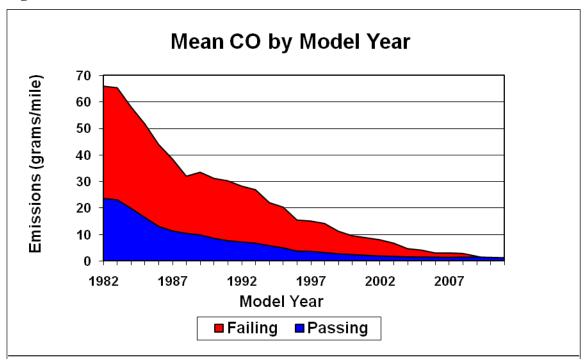
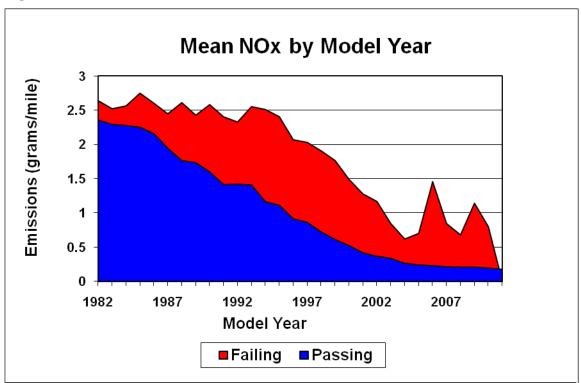


Figure 5



IM240 Test Results for the expansion areas of Larimer and Weld Counties

Larimer and Weld began vehicle emissions testing on November 1, 2010. As expansion areas, this area uses less stringent "introductory" standards to asset in program implementation. Thus it is difficult to directly correlate existing metro Denver IM240 results with North Front Range results. Not only is there a lack of data compared to the established Denver program, but it is of a different category of data. So, acknowledging the differences between the two sets of data, the North Front Range exhaust results are given separately in this report. With this noted, and the limited number of vehicles undergoing IM240 inspection with only two months worth of data, it was seen that the North Front Range generally tracked the results of the seven county Denver metropolitan area.

In the North Front Range program area, there were 9,140 vehicles that underwent initial IM240 testing in calendar year 2010. Of these, 896 failed for one or more criteria. This equates to a failure rate of 9.8% for all IM240 inspected vehicles, both cars and trucks, with an 8.3% failure rate for cars and an 11.3% for trucks. As with the seven-county area, the predominate failure rates were found for the 1982 to 1990 model years.

IM240 Overall Inspection Results – All Areas

Vehicles that fail their exhaust emissions test generally have much higher emissions than those vehicles that pass the test. The improvement of emissions from repairing these vehicles generates the program's air quality benefit. Table 1 below shows the average emissions from all vehicles that fail their initial IM240 inspections, their average emissions after repair and passing of a subsequent retest, and the percent reduction by pollutant and vehicle type between these two average measurements. For this table the limited data collected for the North Front Range expansion area is included for completeness.

Table 1	l- Ov	erall	Inspect	tion	Resul	ts
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	Failed Initial Inspection		Passed Retest		Percent Reduction				
	HCgpm	COgpm	NOxgpm	HCgpm	COgpm	NOxgpm	HC	CO	NOx
Cars	1.73	20.41	1.92	0.39	4.26	0.92	67.41%	72.01%	40.44%
Trucks	2.26	25.61	2.61	0.64	6.76	1.42	59.59 %	63.03 %	32.64%
Total	2.00	23.06	2.27	0.52	5.55	1.18	62.88 %	66.99 %	35.85%

OBD – MIL Inspection Results – All Areas

Essentially all light-duty gasoline vehicles produced for sale in the US since the 1996 model year have special software and hardware installed called On-Board Diagnostics - Generation II or OBD II. This system incorporates unique devices, statistical models, and procedures to *predict* (as opposed to measure) the vehicle's emissions. Once the system identifies a problem, a Malfunction Indicator Light (MIL) on the instrument panel is turned on and a fault code is stored in the vehicle computer's memory indicating the likely problem area.

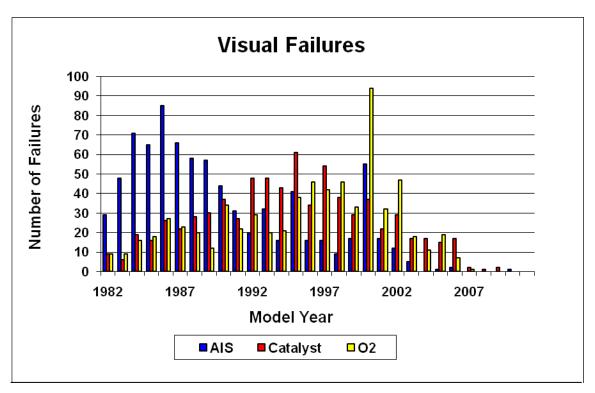
In 2010, there were 527,555 1996 and newer vehicles with matched IM240 and OBDII results. Of the 527,555, 22,511 (4.3%) failed for excess exhaust emissions. Based on EPA's readiness

criteria, 15,908 of these failed vehicles were classified as "ready", that is enough of the vehicles OBDII monitors were set to make a valid OBD pass/fail determination. Of these, 9,051 or 56.9% of the vehicles would have passed a hypothetical OBD II inspection test, though they are true exhaust emission failures and did fail their IM240 test.

Visual Inspection Results – All Areas

Vehicles also fail for a visual inspection of the secondary air injection system (AIS), catalyst and oxygen sensor. Figure 6 shows the number of vehicles failed by component and model year. Vehicles that typically fail the visual component of the test, fail for problems with the air injection system more often than not for the oldest model years, and more likely for the catalyst or oxygen sensor for more modern model years.

Figure 6



Gas Cap Inspection Results – All Areas

Another element of the inspection program is a functional test of the vehicle's gas cap. The cap is installed on a device that pressurizes the cap and measures the decay of that pressure over time. If the pressure decay exceeds the standard, the cap fails the test and motorists are required to install a functional cap.

The benefit of this test is the reduction of gasoline vapors venting to the atmosphere; a major factor in ground-level ozone formation. MOBILE 6.2 emissions modeling estimates the gas cap program removes approximately 1.52 tons of hydrocarbons per day. The relative percent contribution of mobile source ozone precursors released through gas cap or fuel system failures is

expected to increase in the future as tailpipe emissions continue to be reduced through fleet turn over and the introduction of advanced emissions control technology equipped new vehicles. Figure 7 below shows the number of gas cap pressure failures by model year.

Gas Cap Failures

2500
2000
1500
1000
500
1982
1987
1992
1997
2002
2007
Model Year

Figure 7

Smoking Vehicles – All Areas

Smoking vehicles, on an individual basis, tend to be gross emitters and are of concern not only to the state for air quality reasons, but also to nearby motorists exposed to these vehicles. To address smoking vehicles, the Division continues to operate a smoking vehicle hotline allowing motorists to report vehicles observed while driving that smoke. Once reported, the Division provides owners of the vehicles with information that will encourage them to voluntarily make needed necessary repairs.

Vehicle information reported on the hotline is transferred to IM240 lane inspectors alerting them that the vehicle they are inspecting has been reported as a smoking vehicle. As a consequence, if the vehicle is smoking at the time of the inspection it fails the emissions test. For calendar year 2010, there were a total of 892 vehicles that failed the visible smoke component of either the IM240 or idle tests. Of the 892 vehicles that failed the visible smoke component, 773 vehicles failed the IM240 test, and 119 failed the idle test.

Retests – All Areas

Failing vehicles are required to undergo retesting after repair. When analyzing those vehicles that fail their initial IM240 inspection, some will continue to fail after their initial repair. In 2010 calendar year, 52,513 vehicles were given a first IM240 retest. Of these 52,513 initial IM failures

given a retest; 15,141 vehicles again failed, resulting in a 28.8% IM240 first retest failure rate. While vehicles undergoing re-inspection after repair continue to show elevated failure rates compared to average vehicles undergoing initial testing, further analysis indicates that most vehicles that fail the IM240 test eventually are repaired sufficiently so that they eventually pass their inspection. For additional information on retest activity see "Retest Frequency Report" in Appendix A.

Waivers – Denver Metropolitan Area

A vehicle that undergoes a certain level of repair, as measured by repair costs, is eligible to obtain an inspection waiver valid for one inspection test cycle. In 2010, 311 waiver applications were approved by the Department of Revenue. An additional 56 hardship waivers were issued to vehicle owners as a result of an economic hardship qualified by documented public assistance or welfare.

With the expansion of the enhanced IM program into parts of Larimer and Weld counties, every effort is being made by the state to emphasize to financially disadvantaged motorists in those areas that there is hardship release from this program for those who qualify.

Unresolved Vehicles – Denver Metropolitan Area

A concern to any inspection program is unresolved vehicles, i.e. vehicles that undergo and fail an initial inspection, never receive a passing inspection and disappear from the system. Approximately 18.0% of failing vehicles in 2010 did not receive a passing retest in that calendar year, though some if not many may have undergone repairs in the next 2011 calendar year.

In May 2007 the Division conducted an analysis examining these types of vehicles. This study found that out of 7,356 vehicles identified as being unresolved from the 2006 inspection year, only 56 continued to be seen on the road using remote sensing after 180 days had gone by since their last inspection. This study utilized the RSD database to look for unresolved vehicles from the 2006 inspection year.

An issue in this analysis is determining exactly when an RSD-observed vehicle becomes "unresolved." An example would be a vehicle that fails on January 1, and is then observed by RSD on January 2 would not be considered unresolved. To minimize this issue, the results of the following analysis are provided as a date difference in 30, 60, 90, 120, and 180-day positive increments between the last failing IM test and the last RSD observation.

Of the 7,356 unresolved vehicles, 1,409 (approximately 19%) were observed by RSD at some point between January 1, 2006 and April 30, 2007. However, most of these observations took place before the vehicle failed their IM240 test. After filtering for only those vehicles that had RSD observations *after* failing IM testing, the vehicle count dropped to 259. As observed, as the number of days between the failing IM test and RSD observation are increased, the number of vehicles observed by RSD drops. The following table illustrates this change:

Table 2 – RSD Observations of Unresolved Vehicles

Positive Date Difference Between Last I/M Test and Last RSD Record	Number of Vehicles
+30	203
+60	160
+90	127
+120	101
+180	56

Table 2 suggests that the number of the unresolved vehicles still operating within the IM area is relatively low. However, the Division continues to track and evaluate these vehicles.

An additional analysis to investigate this issue was performed by the Division in February 2010. In this analysis, staff looked at the long term multi-year trend for vehicles that were unresolved for calendar year 2007. As in the previously mentioned analysis, very few vehicles from this group continued to operate within the AIR program area after failing and never passing an IM inspection.

The study showed that in 2007 there were 8,258 unresolved vehicles. Of these, over 2,400 eventually were repaired and passed an IM inspection, or received an IM waiver, either in 2008 or 2009. Of the remaining 5,858 unresolved vehicles, only 825 were seen by remote sensing at some point during 2008 or 2009. This is only 1.9% of all failing vehicles in 2007. Based on these results, it appears that the majorities of the unresolved vehicles are either fixed, retired, move out-of-the-area, or are no longer operated. Only a limited fraction continue to operate, with the assumption being, that most of the remote sensing observed unresolved vehicles in 2007 were actually seen early on in the 2008-2009 time frame.

Idle Test Results

In Colorado, the enhanced IM Program requires that 1981 model year and older vehicles, not otherwise exempt, undergo annual 2-speed idle testing. Certain heavy-duty vehicles newer than 1981 model year and fleet vehicles undergoing fleet inspection also undergo an idle inspection, though in the case of 1982 and newer model-year vehicles, on a biennial basis. The idle inspection measures vehicle emissions at idle and raised idle. Only hydrocarbon and carbon monoxide emissions are measured in this test, with no engine load placed on the vehicle. Additionally, only vehicle exhaust concentration is measured, not actual mass of emissions.

Idle Test Results for the Denver Metropolitan Area

For calendar year 2010, 62,185 vehicles underwent the two-speed idle inspection within the enhanced seven-county program area. Of these, 5,061 failed their initial test, resulting in a failure rate of 8.14%. Of these 5,061 failures, there were 3,926 vehicles that failed the exhaust portion, representing an exhaust emissions inspection failure rate of 6.31%. Figure 8 through 10 show the failure rate percentage by model year along with the average emissions of passing and failing vehicles. NOx emissions are not measured as part of the idle test protocol. As with the IM240 portion of the test, most non-exhaust failures were for missing or malfunctioning gas caps.

Figure 8

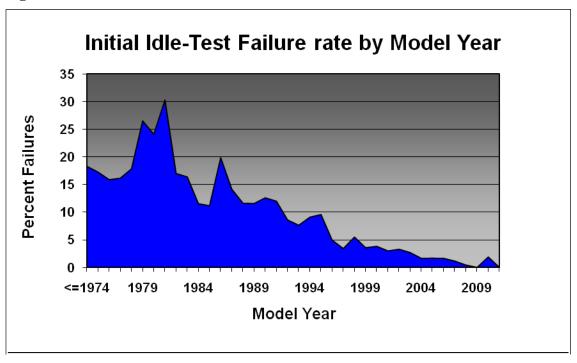


Figure 9

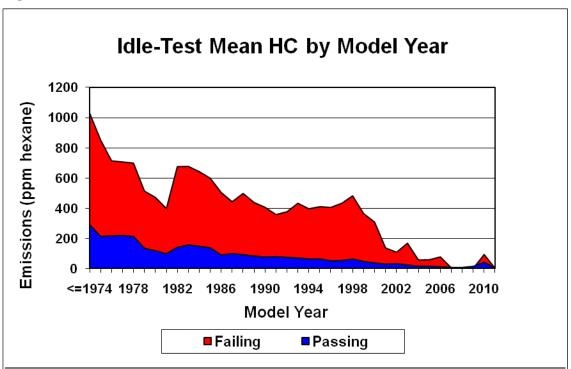
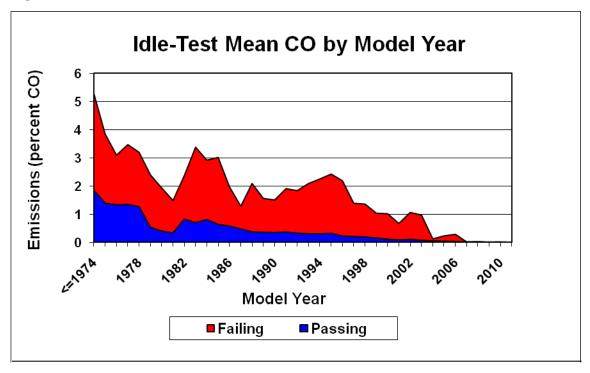


Figure 10



Idle Test Results for the expansion areas of Larimer and Weld Counties

As with the IM240 test results, it is difficult to directly compare Denver metropolitan area idle data to that collected in the North Front Range, mainly due to lack of data. Thus the North Front Range emissions results are given separately in this section. From November 2010 to December 2010, 925 vehicles underwent the two-speed idle inspection within the expanded program area of Weld and Larimer counties. Of these 925, 131 failed their initial test resulting in an initial failure rate of 14.2%. Of these 131 failures, there were 97 vehicles that failed the exhaust portion representing an exhaust emissions inspection failure rate of 10.5%. As with the seven-county area, most idle-test failures were from generally older vehicles, predominately through the 1990 model year era. The other general statement that can be said is that the oldest model year vehicles that were built to the least stringent EPA emissions certification standards generally had the highest HC and CO emissions, both for failing as well as average passing vehicles, though well-maintained passing vehicles had a fraction of the emissions of comparable model-year failing vehicles.

Idle Inspection Visual Results – All Areas

Idle inspected vehicles undergo the same visual inspection as IM240 tested vehicles. Of the 63,110 vehicles idle-tested in calendar 2010, 591 failed the visual portion of the test. Of these, 418 failed for the visual inspection only, with 173 failing both visual and exhaust components.

Remote Sensing Program Results

As part of the emissions inspection program, Colorado operates a remote sensing based Clean Screen Program. This program permits vehicles that are seen two or more times in a year, and meet certain rigorous emissions standards, to pass a remote sensing emissions test as an alternative to the standard emissions inspection. For this program, Envirotest, the state contractor, operates a total of 22 RSD systems/vans in the nine-county program area. In calendar year 2010, these vans operated a total of 24,096 active van-hours and generated approximately 9.1 million valid records.

As part of the State Implementation Plan (SIP), RSD vehicle observations cannot exceed more than 50% of the emissions testable fleet. An RSD vehicle observation is defined as any vehicle seen at least twice and qualifies to make a clean/dirty determination. For 2010 the overall RSD observed fraction of testable vehicles was 40.17%. This is based on 702,172 total I/M eligible vehicles in the fleet with 282,050 unique eligible vehicles observed by RSD.

In the Denver metropolitan area, the observed fraction of testable vehicles was 40.36% based on 690,623 IM eligible vehicles with 278,703 vehicles observed. Since November 1, 2010 the overall RSD observed fraction of testable vehicles for the Weld and Larimer counties program was 28.98%. This is based on 11,549 total I/M eligible vehicles in the fleet with 3,347 unique eligible vehicles observed by RSD.

Cost Effectiveness of the program

Calculation of Program Costs

The purpose of the IM Program is to improve air quality through reducing automotive emissions. One way to evaluate the effectiveness of the program is to analyze the program's cost effectiveness. Such analyses are very dependent on the assumptions made in regards to the control strategy examined. Typically the state looks at the benefit of the program as measured in tons per day of emissions reduced and the program cost per day to operate, using appropriate methodology typically used in SIP development. A resulting cost per ton may then be obtained.

In looking at the cost of the program, the state examined the cost of the vehicle inspection, the number of vehicles inspected, registration fees connected to the operation of the IM Program, the average cost of repairs for vehicles undergoing repair, and the fuel economy benefit obtained from repairing broken vehicles. Due to available air quality modeling data used, in this section, only Denver metropolitan area program was included in the cost effectiveness calculation.

Cost of Inspections

The cost of inspection is simply the cost of the inspection on an individual vehicle basis times the number of vehicles undergoing paid inspections. The cost of an IM240 emissions inspection, and idle inspections for 1982 and newer vehicles is \$25 per inspection. Idle tests for 1981 and older are \$15 per test at the state contractor's, and a maximum of \$15 per test at independent pre-82 inspection stations. Failing vehicles are entitled to a free re-inspection within 10 calendar days. Subsequent inspection (third, fifth, etc.) are considered new paid inspections. Clean screen

inspections are \$25 for eligible vehicles who wish to partake in this program. The \$25 charge is added to the vehicle's registration bill.

For 2010, there were 680,436 initial IM240 inspections conducted. This compares to 650,163 conducted the year before. For idle tests, there were 62,185 initial idle tests, compared to 64,440 vehicles tested the year before. There were additionally 207,296 vehicles that completed the clean screen process. Overall, there was a total of 949,917 initial IM or clean screen tests completed in 2010. This compares to 919,584 completed in 2009.

Taking into account that certain failing vehicles will undergo more than one paid IM test before they receive a passing test, the Division estimates that the program's inspection costs amounted to \$24,401,284 in 2010. Table 3 below contains overall inspection costs per type of inspection.

Table 3 – Inspection Cost by Test Type

Cost of IM Inspection				
	Initial Tests	Est. Total Paid Tests	Cost	
IM240	680,436	726,229	18,155,734	
Idle	62,185	66,370	995,551	
Clean Screen	207,296	210,000	5,250,000	
TOTAL	949,917	1,002,599	24,401,284	

Registration Fees

To help fund the operation, administration, and evaluation of the program, as well as assisting motorists and industry with program outreach activities, and county registration activities, there is a \$2.20 vehicle fee added to Denver metropolitan vehicle registration fees. This fee is split between County Clerks that administer vehicle registration renewals, and the Departments of Revenue and Public Health and Environment that design, administer, evaluate, and enforce the program. Based on an estimated 2,005,815 vehicles registered in the enhanced IM Program area, this equates to \$4,412,793 in paid registration renewal fees collected as part of the program.

Repair Costs

Vehicles identified as having excess emissions are required to undergo repair. Repair costs vary depending on the type of repair and the shop conducting the repair. To determine repair costs, the state collects data on the cost of repairs for failing vehicles. For 2010, the average emissions cost for IM240 failures was \$331.99 and for idle failures, \$266.58 per vehicle. For vehicles failing the gas cap pressure check element of the IM inspection, it was assumed that replacement gas caps cost \$10.00 each.

In 2010, 56,299 vehicles failed their initial IM240 inspection. For idle inspections this number was 5,061 vehicles. Out of these failures, there were 30,603 vehicles that failed the emissions exhaust

element of the IM240 test, and 3,926 that failed the exhaust component of the idle test. Most of the rest failed the gas cap pressure test.

Assuming the above stated repair figures, the Division estimates that total repair costs of the IM Program in 2010 was \$11,474,793, broken down between \$10,416,850 for IM240 inspection failures and \$1,057,943 for idle test failures.

Fuel Savings

Repaired vehicles have improved fuel economy, an estimated 12% better fuel economy for IM240 tailpipe failure repaired vehicles and 8% for 2-speed idle tailpipe repaired vehicles. Using these fuel savings estimates and assuming that the repairs on these vehicles will last two years, fixing these tailpipe failures as well as gas cap failures, will save 4,200,000 gallons of gasoline. At an average cost of \$2.71 per gallon it is estimated that vehicles undergoing emission repairs will save an estimated \$11,304,463 as a result of reduced fuel usage.

Table 4 – Overall Program Cost

Annual I/M Program Cost (dollars)			
Inspection Fees \$24,401,284			
Registration Fees	\$4,412,793		
Repair Costs	\$11,474,793		
Fuel Economy Savings	\$-11,304,463		
Total	\$28,984,408		

Emission Benefits

The EPA approved MOBILE6 vehicle emissions model was used to model the expected emission reductions that would be expected from this program. This model is the official emissions model used by all the states to develop State Implementation Plans. Alternative ways of showing program benefit, such as measured vehicle emissions results were presented previously in the body of this report.

MOBILE6 modeling indicates that the current AIR Program reduce hydrocarbon emissions by 7.0 tons per day, carbon monoxide emissions by 118.8 tons per day and nitrogen oxides emissions by 5.4 tons per day.

Both hydrocarbon and nitrogen oxide emissions are ozone precursors. Carbon monoxide is also a weak ozone precursor. The combined HC + 1/60 CO + NOx ozone precursor reduction would be equal to 14.3 tons per day. All of these projections assume the use of 7.8 lb. Reid Vapor Pressure (RVP) gasoline, with a 98% marketshare for ethanol-blended gasoline.

Table 5 - Modeled Program Benefit

Emission Inventories and Program Benefit (tons/day)					
	НС	СО	NOx	HC + (1/60) CO	
				+ NOx	
No IM	93.3	816.9	94.4	201.1	
IM with Clean	86.3	698.1	88.9	186.8	
Screen					
IM Benefit	7.0	118.8	5.4	14.3	
% Reduction	7.53%	14.55%	5.76%	7.11%	

Cost Effectiveness

The programs cost effectiveness is the ratio of the cost of the program to program benefit. As stated, the Division estimates that the entire program cost was approximately \$28.98 million for 2010. This cost includes inspection costs, repair costs, and registration renewal fees used to fund administrative costs. It does not include the convenience expense of motorists' time or their mileage costs.

The Division estimates the cost effectiveness of the inspection program at \$5,553 per ton of removed ozone precursors. For this estimate, the full benefit of NOx and HC, and 1/60 benefit of CO are added together. A reduced CO benefit is used because of the lower reactivity of CO for ozone formation. For carbon monoxide the cost effectiveness is estimated at \$668 per ton. The following table gives the specific breakdown by pollutant. Additionally, while no credit is taken here, the program also substantially reduces particulates and air toxic emissions from motor vehicles

Table 6 - Program Cost Effectiveness

Cost Benefit Results			
Emission Cost/Benefit			
	(\$/ton)		
HC	11,344		
CO	668		
NOx	14,705		
HC + (1/60) CO + NOx	5,553		

ANNUAL REPORT FROM THE COLORADO DEPARTMENT OF REVENUE

The Colorado Department of Revenue (DOR) continues operations with the enhanced Colorado Vehicle Emissions Inspection and Maintenance (I/M) Program in place since 1995. During 2010, the DOR maintained quality assurance, audit, licensing and enforcement activities consistent with state statute and rule.

2010 Audit Results

Record Audits

Monthly record audits are performed on all contractor enhanced inspection centers and independently owned inspection-only facilities. Of 235 audits performed in 2010, 23 warnings were issued. In 2011, the record audit will be transitioned from a facility assessment into a test data record assessment, and therefore will be reported differently in the future.

Performance Audits

Overt performance audits were performed every 90 days in conjunction with equipment audits. Of the 975 overt performance audits conducted at the contractor facilities, 2 deficiencies were documented. There were 82 performance audits conducted at independent inspection-only facilities and enhanced fleet stations, resulting in no deficiencies.

Equipment Audits

Lane equipment audits were performed at a minimum every 90 days on all contractor and independent inspection-only facility lanes, and every 180 days on all fleet station lanes in accordance to Colorado Revised Statues. There were 348 lane equipment audits performed on inspection lanes operated by the contractor. Of the 348 lane equipment audits, there were 90 failures, or a 25.9% initial failure rate. Of the 90 initial failures, there were 6 cases in which the lane was suspended from use. Upon verification of repair and a passing audit, the failing lanes were released within two days of being suspended. The remaining 84 initial failures were corrected at the time of the audit and returned to service the same day the audit was performed.

In addition to the lane equipment audits performed at the contractor facilities, 20 equipment audits were performed at independent inspection-only stations and 25 audits were performed at fleet-inspection stations. Of the 45 audits conducted at the independent and fleet inspection stations, there were 3 analyzer failures, or a 6.6% initial failure rate. Table 1 categorizes the 93 contractor and independent initial audit failures by the equipment category in which the failure was related to.

Table 1 – Audit failures by equipment category

2010 Initial Equipment Audit Failures by Category			
Analyzer 77			
Dynamometer	15		
Software	1		

Covert Audits

In accordance to Colorado Revised Statutes, all enhanced inspection centers were subjected to covert audits at least twice per year for each testing lane. All covert vehicles used in the audit process were tampered to fail the visual emission component inspection. Possible tampering violations included, but were not limited to, removed or tampered catalytic converters, A.I.R. systems, O₂ sensors, and Check Engine Lights. Throughout 2010, 200 covert inspections were conducted at enhanced inspection centers, resulting in 149 tests conducted correctly, and 51 tests conducted improperly. Of the 51 tests conducted improperly, there were multiple tests in which more than one emissions control component was not correctly identified, resulting in 55 emission control component violations. Table 2 categorizes the 55 tampered emission control components and the number in which the components were incorrectly identified.

Table 2 – Emission components incorrectly identified as a result of covert vehicles

Emission Components Tampered	Number of Times Incorrectly Identified
Oxygen Sensor	32
Catalytic Converter	3
Air Injection System	15
Check Engine Light	5

^{*}Covert inspection results may have had multiple components incorrectly identified.

Remote Sensing Device Audits

Remote Sensing (aka, Rapid Screen, Clean Screen) Device audits were performed by the DOR to ensure equipment and data integrity. A Phase I audit included 9 gas readings from 3 different known gas blends. In the event a gas reading was outside the allowable tolerance, a Phase II audit was initiated. A Phase II audit included an additional 6 gas readings from the gas blend that was outside the allowable tolerance. Remote Sensing Device audits were performed on each system an average of every two testing days. There were 1670 audits performed in 2010, with 252 Phase I failures, or a 15.1% initial failure rate. Of the 252 failures, all but 12 were immediately returned to service after passing a Phase II audit.

2010 Enforcement Results

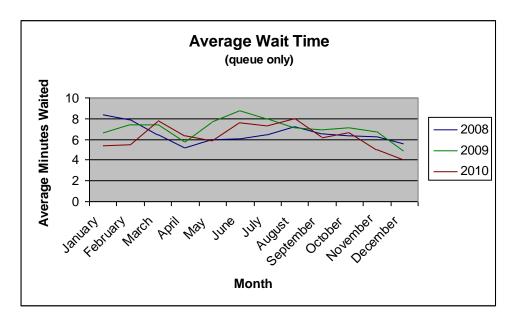
Hearing & Fines

During 2010, 143 hearings were conducted as a result of improper vehicle emission inspections. There were 56 inspectors placed on probation, 1 inspector suspended, and 20 inspector licenses revoked. Fines in the amount of \$109,300 were collected as a result of improper vehicle inspections.

Wait time violations in the amount of \$149,875 were collected when the motorist wait time at the contractor inspection centers exceeded 15 minutes, averaged over a 2-hour period. Figure 1 shows the average motorist wait time by month over a three year period. The 2010 November and December data includes the average wait time of the Northern Front Range stations. During November and December the test volume in the Northern Front Range was minimal and therefore lowering the overall average wait time for the entire program.

In addition to fines collected as a result of improper vehicle inspections and wait time violations, \$2,929 was collected for violations related to Remote Sensing. All fines collected in 2010 totaled \$262,104.

Figure 1



Complaints

A total of 328 complaints were opened against inspection stations operated by the contractor. The department of Revenue's involvement in the complaint mitigation process resulted in \$52,701 refunded to consumers. The DOR responded to 53 complaints against independent inspection stations and auto dealerships. A total of \$10,134 was refunded to consumers from those proceedings. Table 3 categorizes the 381 total complaints by the category in which the complaint was related to.

Table 3 – Complaints by category

2010 Complaints opened by Category			
Vehicle Damage	287		
Procedural Claims	56		
Customer Service Claims	38		

Waivers

In 2010, 798 waiver applications were submitted and processed by the Department of Revenue. Of those applications, 311 or 39% met the statutory waiver requirements and were issued as repair waiver. The Department also issued an additional 56 hardship waivers to vehicle owners as a result of an economic hardship qualified by documented public assistance or welfare. Figure 2 shows the amount of total emission waivers requested and issued over a six year period. Please note that the basic emissions program in El Paso, Larimer and Weld counties, was decommissioned in January 2007, resulting in fewer waiver requests. In May 2008, the emission standards were tightened, and therefore resulting in a higher vehicle emissions failure rate. It is expected that the number of waiver requests correlate to the vehicle emissions failure rate and state the economic environment.

The most common causes for waiver rejection were as follows:

- > Improper repairs to the vehicle repairs performed that did not address the cause of the emissions failure.
- No after repairs failing retest -vehicle had not completed the required after repairs test indicating the vehicle continues to fail after completion of necessary repairs.
- Minimum waiver limits for dollars spent to repair the vehicle had not been met vehicle owner had not incurred the minimum \$715 in repair costs attempting to bring the vehicle into compliance

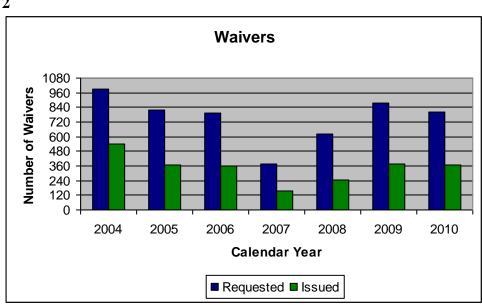


Figure 2

High Emitter

With the passing of House Bill 06-1302, the Department of Public Health and Environment in partnership with the Department of Revenue implemented a pilot program utilizing roadside emissions testing to identify vehicles that were potential high polluters. Those vehicles that failed the roadside test were sent notification from CDPHE requesting a confirmatory evaluation. If the evaluation confirmed the vehicle had failed, the vehicle owner must repair the vehicle and pass a retest before registration may be renewed. If the vehicle owner failed to comply, the case was referred to Department of Revenue. The vehicle owners, who failed to comply, would face suspension of the vehicle's registration and a \$100 fine.

At the end of January of 2010, there were 445 vehicle registrations suspended by the Department of Revenue as a result of the High Emitter program. From January to March CDPHE referred 40 vehicles to the department for suspension due to non-compliance. In April 2010, CDPHE stopped referring cases as a result of the decommissioning of the high emitter program. The Department closed high emitter cases in phases during 2010, continuing into 2011. During 2010, the following numbers of vehicle registrations were released by Department:

- 311 vehicles received a confirmed passing emission test and showed no history of failure.
- 68 vehicle registrations were released from suspension due to a change of ownership.
- 48 vehicles registrations were released as a result of the vehicles being purchased by the Regional Air Quality Commission (RAQC) to be crushed.
- 37 vehicle registrations were released as a result of completing the necessary repairs to obtain a
 passing emissions test.

At the conclusion of 2010, the Department had a total of 69 vehicles that remained on suspension. The Department anticipates that those vehicles remaining on suspension will be removed by the end of April 2011.

ADDITIONAL REPORTS

In addition to this report, the following detailed data reports are available in the appendix of this document:

Report	Content		
I/M240 Initial Inspection	Initial inspection pass/fail		
Report	statistics including average		
-	emissions results for overall		
	total, passing and failing		
	inspections by model year		
	and vehicle class.		
I/M240 Initial Failure	Initial inspection failure		
Report	statistics including average		
-	emissions results for		
	inspections which failed for		
	both exhaust and visual		
	components, exhaust only,		
	and visual only by model year		
	and vehicle class.		
I/M240 Initial Exhaust	Initial exhaust failure		
Failure Report	statistics by model year,		
	vehicle class, and pollutant.		
I/M240 Initial Visual	Initial visual mandatory		
Failure Report	failure statistics by model		
(Mandatory)	year, vehicle class, and		
(emissions component.		
I/M240 Initial Visual	Initial visual advisory failure		
Failure Report (Advisory)	statistics by model year,		
- , ()	vehicle class, and emissions		
	component.		
I/M240 Retest Pass	Passing retest inspection		
Reduction Report	statistics by model year and		
•	vehicle class.		
I/M240 Retest Frequency	Retest inspection statistics.		
Report	•		
I/M240 Fleet	Initial inspection pass/fail		
Characterization Summary	statistics from vehicles that		
Report – Initial Inspection	passed or failed with a final		
Component	result of pass or waiver		
•	including average emissions		
	results by model year and		
	vehicle class.		
I/M240 Fleet	Final inspection statistics		
Characterization Summary	from vehicles that passed or		
•	failed with a final result of		
Report – Final Inspection	raned with a final result of		
Report – Final Inspection Component	pass or waiver including average emissions results by		

I/M240 Fleet	Emissions reduction statistics
Characterization Summary	from vehicles that passed or
Report – Emissions	failed with a final result of
Reduction Component	pass or waiver by model year
	and vehicle class.
Valid Initial Idle	Initial idle inspection pass/fail
Inspections Enhanced Area	statistics including average
_	emissions results for passing
	and failing inspections by
	model year.
Valid Initial Idle Failure	Initial idle inspection failure
Report Inspections	statistics including average
Enhanced Area	emissions results for
	inspections which failed for
	both exhaust and visual
	components, exhaust only,
	and visual only by model
	year.
I/M Eligible Vehicle Report,	Clean Screen observations
Evaluated	performed in
Vehicles	2010 by model year and
	vehicle type.



Beginning Date: 01-JAN-2010 Ending Date: 31-DEC-2010

Vehicle	All	Initial	Inspection	18	Passi	ng Initia	ıl Inspect	cions	Faili	Total (gpm)			
Year Type	Total	Avg HC (gpm)	Avg CO	Avg NOx (gpm)	Potal	Avg HC (gpm)	Avg CO (gpm)	Avg NOx		-	-	Avg NOx (gpm)	
1982 LDGV	467	2.0419	25.7300	2.1843	375 80.30%	1.5402	18.8275	2.1391			53.8653	2.3682	
1982 LDGT1	318	3.5191	37.5291	2.6573	235 73.90%	2.7935	29.7350	2.5377	83	5.5737	59.5966	2.9959	
1982 LDGT2	119	4.0904	58.6338	2.7911	73 61.34%	2.7156	29.8645	2.9266		6.2721	104.2895	2.5761	
Total	904	2.8312	34.2119	2.4305	683 75.55%	2.0976	23.7601	2.3604	221 24.45%		66.5133	2.6472	
1983 LDGV	543	2.1174	27.0145	1.9361	394 72.56%	1.3313	16.6062	1.9384	149 27.44%		54.5372	1,9299	
1983 LDGT1	355	3.5352	43.7223	2.6772	231 65.07%	2.6972	30.3946	2.6362	124	5.0962	68.5504	2.7537	
1983 LDGT2	201	4.3254	54.1525	2.9815	110 54.73%	2.8064	31.6312	2.8406		6.1615	81.3760	3.1517	
Fotal	1099	2.9792	37.3748	2.3667	735 66.88%	1.9814	23.1883	2.2927	364 33.12%		66.0206	2.5160	
1984 LDGV	1384	1.7600	21.6009	1.9476	1077 77.82%	1.2332	14.4376	1.8915	3 0 7 22.18%		46.7306	2.1442	
1984 LDGT1	930	2.7723	36.0685	2.5702	688 73.98%	2.2174	26.4220	2.5564	242 26.02%	4.3499	63.4933	2.6096	
1984 LDGT2	366	3.2006	46.2914	3.3104	204 55.74%	2.3386	27.1994	3.3331	162 44.26%	4.2860	70.3332	3.2819	
Total	2680	2.3080	29.9933	2.3497	1969 73.47%	1.6916	19.9473	2.2732	711 26.53%		57.8139	2.5618	
1985 LDGV	1455	1.5199	17.4525	2.0090	1102 75.74%		11.1432	1.9068	353 24.26%		37.1489	2.3280	
1985 LDGT1	1075	2.6513	32.5365	2.6962	767 71.35%	1.9900	22.1068	2.6272	308 28.65%		58.5091	2.8681	
1985 LDGT2	379	3.8970	45.1966	3.0286	204 53.83%	2.0253	24.2109	2.7277		6.0790	69.6600	3.3793	
Total	2909	2.2477	26.6413	2.3958	2073 71.26%	1.4638	16.4857	2.2541	836 28.74%		51.8240	2.7471	
1986 LDGV	2428	1.2158	14.3942	1.8588		.8859	9.8670	1.8001			35.792 0	2.1361	
1986 LDGT1	1808	2.0759	22.3709	2.6007	82.54% 1421 78.60%	1.6511	16.4905	2.5516	17.46% 387 21.40%	3.6355	43,9628	2.7809	

aitial inspection Report rage

Beginning Date: 01-JAW-2010 Ending Date: 31-DEC-2010

Vehicle	All	Initial	Inspection	ns		=				Failing Initial Inspecti			
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)		Avg HC	Avg CO (gpm)	Avg NOx (gpm)		Avg HC	Avg CO (gpm)		
1986 LDGT2	464	2.9713	36.2751	2.9896	278 59.91%	1.7331	18.7419	2.7107	186 40.09%	4.8219	62.4806	3.4064	
Total	4700	1.7200	19.6228	2.2558	3703 78.79%	1.2432	13.0750	2.1569	997 21.21%	3.4908	43.9426	2.6234	
1987 LDGV	2497	1.1678	13.3826	1.7668	2056 82.34%	.8403	9.2111	1.6732	441 17.66%	2.6947	32.8309	2.2031	
1987 LDGT1	1755	1.8829	20.8837	2.2259	1363 77.66%	1.4037	14.1127	2.1490	392 22.34%	3.5491	44.4267	2.4932	
1987 LDGT2	494	2.3085	20.1558	2.8000	366 74.09%	1.6856	13.2974	2.6716	128 25.91%	4.0896	39.7664	3.1673	
Total	4746	1.5510	16.8614	2.0441	3785 79.75%	1.1249	11.3713	1.9411	961 2 0 .25%	3.2290	38.4847	2.4499	
1988 LDGV	3919	1.0400	12.3985	1.6104	3335 85.10%	.7318	8.7782	1.5497	584 14.90%	2.7999	33.0724	1.9567	
1988 LDGT1	2687	1.6572	16.7150	2.1345	2153	1.2156	12.5952	1.9271	534	3.4377	33.3253	2.9706	
1988 LDGT2	934	1.7444	15.4025	2.5858	80.13% 711 76.12%	1.3047	11.6727	2.2981	19.87% 223 23.88%	3.1465	27.2944	3.5029	
Total	7540	1.3472	14.3088	1.9180	6199 82.21%	.9656	10.4359	1.7666	1341 17.79%	3.1115	32.2123	2.6176	
1989 LDGV	4248	1.0204	11.9756	1.5483	3586 84.42%	.6754	8.3135	1.4666	662 15.58%	2.8895	31.8132	1.9912	
1989 LDGT1	2737	1.5706	16.6342	2.0422	2177	1.1521	11.6924	1.9003	560		35.8455	2.5942	
1989 LDGT2	1054	1.9469	16.7114	2.6439	79.54% 808 76.66%	1.3394	11.6776	2.4646	20.46% 246 23.34%	3.9420	33.2449	3.2328	
T otal	8039	1.3292	14.1826	1.8601	6571 81.7 4%		9.8466	1.7330	1468 18.26%		33.5913	2.4293	
1990 LDGV	1179	.8691	10.4958	1.5098			7.5924	1.4001			30.0209	2.2475	
1990 LDGT1	3360	1.3658	14.2084	2.0162	87.05% 2761		10.1165	1.8365		2.9394	33.0692	2.8446	
1990 LDGT2	1274	1.6876	14.9453	2.4999	82.17% 1005 78.89%	1.2163	10.7269	2.2999	17.83% 269 21.11%	3.4484	30.7057	3.2468	
Total	12413	1.0875	11.9574	1.7485	10538 84.89%		8.5527	1.6003	1875 15.11%		31.0930	2.5816	

Beginning Date: 01-JAN-2010 Ending Date: 31-DEC-2010

Vehicle	All	Initial	Inspectio	as	Passi	ing Initia	ıl Inspect	cious	Faili	ng Initia	al Inspect	tions
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	fotal	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
1991 LDGV	8297	.8185	9.7216	1.4303	7075 85.27%	.5461	6.7286	1.3037	1222 14.73%		27.0499	2.1631
1991 LDGT1	4095	1.1559	13.0471	1.6825	3405 83.15%	.8210	9.0679	1.5146	690 16.85%	2.8084	32.6837	2.5109
1991 LDGT2	995	1.7645	17.2343	2.3395	737 74.07%	1.0380	9.9270	2.0038	258 25.93%	3.8399	38.1080	3.2985
Total	13387	.9920	11.2972	1.5750	11217 83.79%	.6619	7.6488	1.4137	2170 16.21%		30.1560	2.4087
1992 LDGV	10836	.7273	8.9697	1.3422	9317 85.98%	.4790	5.9992	1.2333	1519 14.02%		27.1894	2.0100
1992 LDGT1	4711	.9689	11.3972	1.7192	4053 86.03%	.7644	8.5930	1.6031	658 13.97%	2.2283	28.6698	2.4343
1992 LDGT2	1763	1.6168	15.4282	2.4218	1355 76.86%	1.0891	10.7758	2.1373	468 23.14%	3.3690	30.8790	3.3666
F otal	17310	.8836	10.2881	1.5547	14725 85.07%	.6137	7.1527	1.4183	2585 14.93%		28.1486	2.3322
1993 LDGV	11490	.7124	8.1002	1.3511	9922 86.35%	.4721	5.5539	1.2250	1568 13.65%		24.2127	2.1491
1993 LDGT1	6272	1.0216	10.8711	1.7833	5407 86.21%	.7596	8.0109	1.6059	865 13.79%	2.6593	28.7497	2.8920
1993 LDGT2	1922	1.6283	15.2045	2.2424	1456 75.75%	1.0539	9.7643	1.9073	466 24.25%	3.4230	32.2024	3.28 9 7
Total	19684	.9004	9.6768	1.5758	16785 85.27%	.6152	6.7106	1.4069	2899 14.73%		26.8508	2.5541
1994 LDGV	13531	.5615	6.5914	1.0955	11991 88.62%		4.8443	.9828	1540 11.38%		20.1951	1.9736
1994 LDGT1	8103	.8422	8.8554	1.5346	6937 85.61%		6.4443	1.3132	1166 14.39%		23.2002	2.8520
1994 LDGT2	3171	1.2466	11.8703	1.9970		.7949	8.1360	1.6431		2.6433	23.4151	3.0914
Total	24805	.7408	8.0058	1.3542	21324 85.97%		5.7347	1.1644	3481 14.03%		21.9186	2.5167
1995 LDGV	17413	.5198	5.7675	1.0086	15416 88.53%		4.2364	.8965	1997 11.47%		17.5872	1.8746
1995 LDGT1	9035	.7581	7.6827	1.5391		.5177	5.4512	1.3346		2.3357	22.3226	2.8811

Beginning Date: 01-JAW-2010 Ending Date: 31-DEC-2010

Vehicle	All	Initial	Inspectio	08	Passi	ng Initia	l Inspect	ions	Faili	ng Initia	ıl Inspect	Lions
Year Type	Total	-	-	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx		Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
1995 LDGT2	4030	1.2223	10.9613	1.9222	3095 76.80%	.7301	7.1321	1.5994	935 23.20%	2.8515	23.6368	2.9906
Total	30478	.6833	7.0220	1.2867	26351 86.46%	.4421	4.9379	1.1094	4127 13.54%		20.3289	2.4189
1996 LDGV	19248	.3548	4.5701	.8097	17517 91.01%	.2701	3.5112	.7315	1731 8.99%	1.2111	15.2854	1.6014
1996 LDGT1	10383	.4259	5.0148	1.3304	9067 87.33%	.3054	3.6527	1.1680	1316 12.67%	1.2559	14.3995	2.4489
1996 LDGT2	4097	.5752	6.6447	1.3890	3453 84.28%	.4193	4.7028	1.1811	644 15.72%	1.4110	17.0569	2.5036
Total	33728	.4034	4.9590	1.0404	30037 89.06%	.2979	3.6909	.9149	3691 10.94%	1.2620	15.2787	2.0610
1997 LDGV	20742	.3387	4.4050	.7676	18927 91.25%	.2645	3.4829	.6940	1815 8.75%	1.1125	14.0208	1.5349
1997 LDGT1	12749	.3808	5.2574	1.2146	11024	.2706	3.5855	1.0481	1725	1.0849	15.9423	2.2788
1997 LDG¶2	4630	.5564	6.1308	1.3860	86.47% 3893 84.08%	.3415	4.2399	1.1412	13.53% 737 15.92%	1.6918	16.1192	2.6787
Total	38121	.3792	4.8997	.9922	338 44 88.78%	.2753	3.6034	.8608	4277 11.22%	1.2012	15.1574	2.0320
1998 LDGV	24300	.2664	4.0768	.6330	22352 91.98%	.2068	3.1341	.56 0 8	1948 8.02%		14.8935	1.4619
1998 LDGT1	16782	.3045	3.7664	.9932	15265 90.96%	.2407	2.9951	.8799	1517 9.04%	.9467	11.5272	2.1336
1998 LDGT2	5749	.4303	5.0886	1.1726	5052 87.88%	.2810	3.4306	.9697	697 12.12%	1.5125	17.1064	2.6429
Total	46831	.3002	4.0898	.8283	42669 91.11%	.2271	3.1195	.7234	4162 8.89%		14.0371	1.9045
1999 LDGV	23100	.2365	3.5875	.6056	21080		2.8917	.5331	2020		10.8480	1.3614
1999 LDG¶1	14578	.2378	3.0717	.7709	91.26% 13185		2.3197	.6504	8.74% 1393	.7477	10.1890	1.9118
1999 LDGT2	7188	.3789	3.9215	.9923	90.44% 6328 88.04%	.2403	2.6353	.7926	9.56% 860 11.96%		13.3857	2.4611
Total	44866	.2597	3.4734	.7212	40593 90.48%	.1935	2.6660	.6117	4273 9.52%		11.1439	1.7622

Beginning Date: 01-JAN-2010 Ending Date: 31-DEC-2010

Vehicle	All	Initial	Inspection	ns	Passi	ng Initia	l Inspect	ions	Paili	ng Initia	l Inspect	ions
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Fotal	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
2000 LDGV	30542	.1847	3.1049	.5160	28363 92.87%	.1446	2.6035	, 4454	2179 7.13%	.7071	9.6308	1.4360
2000 LDGT1	18786	.1889	2.4486	.6624	17505 93.18%	.1613	2.1049	.6068	1281 6.82%	.5652	7.1455	1.4220
2000 LDGT2	7142	.2436	3.0353	.7308	6604 92.47%	.1752	2.1534	.6416	538 7.53%		13.8601	1.8263
F otal	56470	.1935	2.8778	.5919	52472 92.92%	.1540	2.3805	.5239	3998 7.08%	.7122	9 .40 36	1.4840
2001 LDGV	24307	.1501	2.8210	.4287	22987 94.57%	.1197	2.4123	.3778	1320 5.43%	.6783	9,9390	1.3154
2001 LDGT1	14781	.1179	1.9512	.4635	13851 93.71%	. 0 981	1.5988	.4222	930 6.29%	.4123	7.1998	1.0773
2001 LDGT2	6056	.2030	2.5899	.6492	5554 91.71%	.1629	2.0571	.5695	502 8.29%	.6464	8.4850	1.5319
Total	45144	.1466	2.5052	.4697	42392 93.90%	.1183	2.1000	.4174	2752 6.10%	.5826	8.7481	1.2744
2002 LDGV	29807	.1273	2.4261	.3685	28551 95.79%	.1076	2.1921	.3348	1256 4.21%	.5749	7.7472	1.1358
2002 LDGT1	21052	.0871	1.6487	.3968	20181 95.86%	.0781	1.3513	.3643	871 4.14%	.2964	8.5386	1.1512
2002 LDGT2	6419	.1434	1.9229	.5739	6017 93.74%	.1257	1.6254	.5245	402 6.26%	.4071	6.3756	1.3135
Total	57278	.1144	2.0840	.4020	54749 95.58%	.0987	1.8199	.3665	2529 4.42%	.4523	7.8017	1.1693
2003 LDGV	19866	.1106	2.2372	.3388	19086 96.07%	.0956	2.0356	.3158	780 3.93%	.4762	7.1698	.8998
2003 LDGT1	12324	.0784	1.4286	.3490	11786 95.63%	.0729	1.2476	.3391	538 4.37%	.1989	5.3938	.5674
2003 LDGT2	5320	.1295	1.7166	.4549	5071 95.32%	.1113	1.4126	.4152	2 49 4.68%	.4985	7.9067	1.2628
Total	37510	.1027	1.8977	.3586	35943 95.82%	.0904	1.6893	.3375	1567 4.18%	.3845	6.6771	.8434
2004 LDGV	26549	.0969	2.0768	.2940	25481	.0865	1.9717	.2766	1068	.3445	4.5853	.7108
2004 LDGT1	21972	.0661	1.1668	.2600	95.98% 21213 96.55%	.0617	1.0514	.2540	4.02% 759 3.45%	.1882	4.3900	.4288

Beginning Date: 01-JAN-2010 Ending Date: 31-DEC-2010

Vehicle	All		Inspection	18			l Inspect		Faili	ng Initia	ıl Inspect	ions
Year Type	Total	Avg HC						Avg NOx		Avg HC (gpm)	Avg CO (gpm)	Avg NO:
2004 LDGT2	9153	.0821	1.2922	.2719	8836 96.54%	.0742	1.1588	.2547	317 3.46%		5.0108	.7498
Total	57674	.0828	1.6056	.2776	55530 96.28%	.0751	1.4908	.2645	21 44 3.72%		4.5791	.616
2005 LDGV	15618	.0930	2.0148	.2894	14968 95.84%	.0841	1.9179	.2695	650 4.16%	.2981	4.2464	.7495
2005 LDGT1	11115	.0 581	1.0075	.2218	10786 97.04%	.0553	.9422	.2124	329 2.96%	.1518	3.1475	.5289
2005 LDGT2	4522	.0819	1.2675	.2417	4402 97.35%	.0738	1.1596	.2239	120 2.65%	.3817	5.2270	,894
Total	31255	.0790	1.5484	.2585	30156 96.48%	.0723	1.4582	.2424	1099 3.52%		4.0245	.6993
2006 LDGV	33136	.0859	1.8760	.3072	31986 96.53%	. 0 788	1.8060	.2508	1150 3.47%		3.8210	1.876
2006 LDGT1	19518	.0512	.8779	.2284	18980	.0506	.8663	.2102	538	.0718	1.2888	.8686
2006 LDGT2	9309	.0647	.9561	.2030	97.24% 9120 97.97%	.0618	.9250	.1984	2.76% 189 2. 0 3%	.2007	2.4564	.4228
Total	61963	.0718	1.4234	.2667	60086 96.97%	.0673	1.3755	.2300	1877 3. 0 3%		2.9578	1.4411
2007 LDGV	8112	.0792	1.8263	.2675	7890 97.26%	.0768	1.7802	.2409	222 2.74%	.1648	3.4665	1.2146
2007 LDGT1	5231	.0466	.8782	.1924	5096 97.42%	.0458	.8333	.1877	135 2.58%	.0775	2.5733	.3729
2007 LDGT2	2593	.0562	.8765	.1964	2535 97.76%	.0556	.8582	.1915	58 2.24%	.0842	1.6770	.4062
Total	15936	.0647	1.3606	.2313	15521 97.40%	.0631	1.3187	.2154	415 2.60%		2.9259	.8275
2008 LDG V	3935	.0800	1.8715	.2565	3782 96.11%	.0771	1.8326	.2295	153 3.89%	.1507	2.8332	.9228
2008 LDGT1	2187	.0447	.8643	.1989	2099	.0443	.8395	.1887	88	.0527	1.4544	.4425
2008 LDGT2	1205	.0504	1.1017	.1805	95.98% 1167 96.85%	.0486	.9546	.1782	4.02% 38 3.15%	.1032	5.6195	.2525
Total	7327	.0646	1.4443	.2268	7048 96.19%	.0627	1.3915	.2088	279 3.81%	.1133	2.7778	.6800

Vehicle	All	Initial	Inspectio	ns	Passi	ng Initia	l Inspect	ions:	Faili	ng Initia	l Inspect	ions
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Potal		Avg CO (gpm)	Avg NOx (gpm)
2009 LDGV	2150	.0798	1.8165	.2522	2096 97.49%	.0748	1.8071	.2252	54 2.51%	.2743	2.1821	1.2995
2009 LDGT1	918	.0453	.8343	.2019	900 98.04%	.0454	.8338	.1858	18 1.96%	.0407	.8602	1.0104
2009 LDGT2	434	.0468	.8424	.1706	424 97.70%	.0469	.8436	.1769	10 2.30%	.0398	.7885	.1570
Total	3502	.0667	1.4383	.2289	3420 97.66%	.0636	1.4315	.2081	82 2.3 4 %		1.7220	1.0967
2010 LDGV	668	.0764	1.7478	.2160	666 99.70%	.0764	1.7471	.2160	2 .3 0 %	.0677	1.9888	.2088
2010 LDGT1	321	.0457	.7965	.1989	313 97.51%	.0398	.8082	.1775	8 2.49%	.2779	.3394	1.0359
2010 LDGT2	249	.0438	.7695	.1632	245 98.39%	.0438	.7697	.1632	4 1.61%	.0401	.7554	.1602
Total	1238	.0619	1.3044	.2009	122 4 98.87%	.0605	1.3113	.1956	14 1.13%	.1799	.6939	.6675
2011 LDGV	20	.0681	1.6835	.2122	20 100.00%	.0681	1.6835	.2122	0 .00%	.0000	,0000	.0000
2011 LDGT1	15	.0372	.6884	.1523	15 100.00%	.0372	.6884	.1523	.00%	.0000	.0000	.0000
2011 LDGT2	4	.0331	.7485	.1610	4 100.00%	.0331	.7485	.1610	0 \$00,	.0000	.0000	.0000
Total	39	.0527	1.2049	.1839	39 100.00%	.0527	1.2049	.1839	0 ,00%	.0000	.0000	.0000

V	ehicle	All	Initial	Inspection	15	Passi	ng Initia	ıl Inspect	ions	Faili	ng Initia	l Inspect	ions
Yea 	ar Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Fotal	Avg HC (gpm)	Avg CO (gpm)	Avg NOx	fotal	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
Sub-Totals	s LDGV	368387	.3160	4.3690	.6697	340174 92.34%	.2236	3.3056	.5887	28213 7.66%		17.1900	1.6472
	LDGT1	229953	.3784	4.5377	.8253	210704 91.63%	.2674	3.2018	.7120	19249 8.37%		19.1607	2.0662
	LDGT2	91236	.5002	5.3450	.9534	81503 89.33%	.3011	3.3054	.7658	9733 10.67%		22.4243	2.5240
Test Type		600576	2540		7502	C22204	2402	2 2744	(5)(E 71 O E	1 (110	10 7446	1 0274
Total		689576	.3612	4.5544	.7592	632381 91.71%	. 2482	3.2710	.6526	57195 8.29%	1.0118	18.7440	1.9374

				Visual								
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (qpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
1982 LDGV	15 3,21%	7.3654	103.9987		42 8.99%	4.9856			35 7.49%	1.6206		
1982 LDGT1		9.3753	130.8271	2.0608		7.5985	73.8373	3.6460		3.6038	34.3723	2.5803
1982 LDGT2		7.6988	135.2216	1.5794		7.1418	126.3709	2.7282		1.9718	22.1638	2.4303
Total	35 3.87%		120.5848	1.5884	99 10.95%		82.6396	2.9751	49 5.42%		22.0485	2.4853
1983 LDGV	20 3.68%		67.9017	2.5536	82 15.10%		72.9726	1.7874	40 7.37%		18.1398	2.0400
1983 LDGT1		7.1565	99.9351	3.1498		6.5141	95.3238	2,6647		2.9484	31.5726	3.0733
1983 LDGT2		10.6405	144.5210	2.9618		7.2343	93.2237	3.2797		2.4687	38.3395	2.8004
Total	50 4.55%		100.4975	2.8549	182 16.56%		84.7573	2.4147	87 7.92%		26.5633	2.5511
1984 LDGV	45 3.25%		81.8684	1.8440	165 11.92%		55.9903	2.2609	101 7.30%		14.6024	2.0563
1984 LDGT1		7.3656	105.3453	2.3109		5.6387	90.0510	2.2080		2.5542	30.2286	2.9065
1984 LDGT2		4.4610	85.6858	3.2709		5.2460	85.9660	3.4481		2.6705	33.6647	3.4221
Total	89 3.32%		89.0571	2.2905	370 13.81%		73.8129	2,5500	209 7.80%		23.0389	2.5499
1985 LDGV	42 2.89%		58.4617	2.2413	234 16.08%		41.6551	2.4762	119 8.18%		11.2252	2.0283
1985 LDGT1	32 2.98%		92.9615	2.6509	181 16.84%		71.5135	3.0017	98 9.12%	2.0315	23.4662	2.7098
1985 LDGT2	23 6 .0 7%		96.4297	3.9672	101 26.65%	7.3775	86.7137	3.5086		2.1462	24.3255	2.5676
Total	97 3.33%		78.8458	2.7857	516 17.7 4%	4.8581	60.9483	2.8626	249 8.56%		17.7265	2.3658
1986 LDGV	54 2.22%		71.8886	1.6966	256 10.54%	2.9280	39.5070	2.3747	200 8.24%		10.4104	1.7485
1986 LDGT1		6.1415	70.2505	2.8944	189 10.45%	4.6362	59.7469	2.7794	142 7.85%	1.8927	16.7082	2.8969

Vehicle	Failure	for Both	Exhaust & 1	Visual	2	ailure for	Exhaust O	nly		Pailure f	or Visual	Only
Year Type	Total	Avg HC (gpn)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC	Avg CO (gpm)	Avg NOx (gpm)	fotal	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
1986 LDGT2		10.0110				5.2194				2.0153		
Total	117 2.49%		73.6290		556 11.83%	3.9661	54.2675		370 7.87%		13.5995	2.2670
1987 LDGV	60 2. 40 %		55.2097	2.3302	250 10.01%	3.3222	39.8780	2.4549	246 9.85%		9.2838	1.6955
1987 LDGT1		5.6248	66.2351	2.5179		4.3828	58.9378	2.6122		1.4463	14.9648	2.1687
1987 LDGT2	18 3.64%		73.2021	2.8156	70 14.17%		46.6289	3.8270	29 5.87%		14.1247	2.6870
Total	123 2.59%		61.8764	2.4699	535 11.27%		48.4208	2.6976	419 8.83%		11.5712	1.9267
1988 LDGV	83 2.12%		48.2732	2.0383	341 8.70%	3.3314	40.7416	2.1111	327 8.34%		8.9908	1.6367
1988 LDGT1		4.9184	56.8728	3.4653		4.2034	39.5757	3.2163	183 6.81%	1.3404	13.4474	2.1065
1988 LDGT2		6.5902	37.7546	4.3274	123 13.17%	3.6857	35.4895	4.0036		1.4304	12.0057	2.8706
Total	159 2.11%		49.8587		783 1 0. 38%	3.7423	39.4416	2.8587	555 7.36%		10.7047	1.8916
1989 LDGV	75 1,77%		40.9607		389 9.16%		41.9327	2.1302	295 6.94%		8.8461	1.6438
1989 LDGT1		4.0656	55.0230			4.2974	47,7893	2.8922		1.2310	12.4938	2.0810
1989 LDGT2		6.9177	59.8005	3.9041	138 13. 0 9%	5.1342	42.7209	3.7094	49 4.65%	1.3503	13.4539	2.5815
Total	168 2.09%		49.3708	2.6787	815 10.14%		44.1357	2.6669	546 6.79%		10.6091	1.8897
1990 LDGV			43.6896		582		38.3953	2.5540			8.2013	1.5526
1990 LDGT1		3.9852	47.3312		7.48%	3.8330	44.0689	3.1705	5.64% 300	1.0721	10.7924	2.0128
1990 LDGT2	2.62% 20 1.57%	7.7938	39.0443	3.8204	8.96% 148 11.62%	4.2828	42.3176	3.6858	8.93% 53 4.16%	1.5334	13.0466	2.7256
Total	236 1.90%		44.6538	3.0237	1031 8.31%		40.6147	2.8965	792 6.38%		9.5070	1.8054

Vehicle							Exhaust O					
Year Type		Avg HC	Avg CO	Avg NOx		Avg HC	Avg CO	Avg NOx		Avg HC	Avg CO	Avg NOx
1991 LDGV	165 1.99%		43.2892	2.3528	716 8.63%		32.9683	2.4873	448 5,40%		7.0139	1.4697
1991 LDGT1		4.0076	49.3724	3.2461		3.7460	43.8147	2.9017	230 5.62%	.8516	9.5155	1.5152
1991 LDGT2		5.5766	50.0806	3.7499	176 17.69%	4.6153	46.5775	3.6883	44 4.42%	1.0378	10.4116	2.3124
Total	254 1.90%		45.4821	2.7695	1282 9.58%		38.1362	2.7783	722 5.39%		8.0179	1.5356
1992 LDGV	223 2.06%		40.2487	2.2548	913 8,43%		32.7890	2.2171	587 5.42%		6.4715	1.4150
1992 LDGT1		3.2603	53.4507	2.9729		3.5184	44.5166	3.0428	311 6.60%	.8136	9.0722	1.6451
1992 LDGT2		4.7666	40.2671	4.5148	260 14.75%		38.2270	3.7687	65 3.69%		10.7269	2.3613
Total	323 1.87%	3.5290	42.7850	2.6585	1459 8.43%		36.0569	2.6555	963 5.56%		7.5986	1.5532
1993 LDGV	198 1.72%		36.4712	2.4235	937 8.15%		30.0716	2.4789	625 5. 44 %		6.1440	1.2654
1993 LDGT1	69 1.10%		49.8656	3.0158	463 7.38%		40.2419	3.6859	235 3.75%		9.0013	1.6267
1993 LDGT2	54 2.81%		56.1441	4.0643	291 15.14%		36.7667	3.6359	84 4.37%		10.0411	2.1937
Total	321 1.63%		42.6598	2.8268	1691 8.59%		34.0084	3,0085	944 4.80%		7.2021	1.4379
1994 LDGV	222 1.64%		28.2474	2.4360	879 6.50%		25.6821	2.3253	931 6.88%		5.3229	1.1095
1994 LDGT1	1.47%		37.3758	3.5444	641 7.91%		31.0554	3.6067	575 7.10%		6.9582	
1994 LDGT2	73 2.30%		29.6148	4.4304	491 15.48%		29.4193	3.5029	111 3.50%		8.2680	2.0799
Total	414 1.67%		31.1124	3.1 0 63	2011 8.11%		28.3073	3.0213	1617 6.52%		6.1066	1.2829
1995 LDGV	384 2.21%		24.4063	2.4512	969 5.56%		23.6276	2.2493	1608 9.23%		4.7380	1.0694
1995 LDGT1			37.4895	3.5587	627 6. 94 %	3.0525	29.0539	3.6825	782 8.66%	.5226	5.6469	1.4300

Vehicle	Failure	for Both	Exhaust & 1	/isual	Pa	ailure for	Exhaust O	nly		Failure f	or Visual	Only
Year Type		Avg HC (gpm)		Avg NOx (gpm)		Avg HC	Avg CO (gpm)	Avg NOx				_
1995 LDGT2	61 1.51%		40.0153	3.6340	607 15.06%		29.3108	3.4683	152 3.77%		7.3538	1.9941
Total	606 1.99%		29.4534	2.8645	22 0 3 7.23%		26.7379	2.9931	25 4 2 8.3 4 %		5.1740	1.2356
1996 LDGV	523 2.72%		25.1410	2.1349	527 2.74%		20.2147	2.0655	3235 16.81%		4.1969	.9011
1996 LDGT1		2.9252	29.1873	3.3601		1.6469	21.2099	3.7563		.3515	4.6099	1.4477
1996 LDGT2		2.8602	35.4210	3.1795		1.8443	22.7149	3.7343		.4766	5.3219	1.3410
Total	95 0 2.82%		27.8521	2.6598	1107 3.28%		21.0202	2.9472	5895 17.48%		4.4749	1.134 8
1997 LDGV	503 2.43%		24.3925	2.2269	508 2.45%		20.0580	2.0654	3398 16.38%		4.0363	,8397
1997 LDGT1		2.0675	28.9709	3.1370	566 4.44%		22.3139	3.3170	2041 16.01%		4.4355	1.2278
1997 LDGT2		2.8218	25.0330	3.3896		2.0840	20.3461	3.5893		.3900	5.0666	1.3486
Total	1135 2.98%		26.1786	2.7826	1323 3.47%		21.0773	2.8877	6398 16.78%		4,3181	1.0398
1998 LDGV	582 2 .49 %		25.0919	2.1104	591 2. 4 3%		19.9621	1.9697	3189 13.12%		3.6786	.6390
1998 LDGT1	348 2.07%		22.6853	3.1378	453 2.70%		15.7718	3.2733	2205 13.14%		4.0296	1.1056
1998 LDGT2		2.6977	26.7790	3.4111	255 4.44%		22.0447	3.5773	787 13.69%		4.2937	1.2109
Total	1128 2.41%		24.6456	2.6557	1299 2.77%		18.9097	2.7399	6181 13.20%		3.8822	.8782
1999 LDGV	481 2.08%		22.9446	2.2245	516 2.23%		14.8607	2.1292	277 4 12.01%		3.4292	.6296
1999 LDGT1		1.5316	22.2705	2.7185		1.1199	15.0716	3.3114	1615 11.68%	,2111	2.9497	.7269
1999 LDGT2		2.6766	23.8118	3.0109	341 4.74%	1.4305	14.5637	3.3920	1018 14.16%	.2960	3.1871	.9196
Total	972 2.17%		22.9799	2.5454	13 0 8 2.92%		14.8560	2.8660	5407 12.05%		3.2404	.7132

Vehi	.cle	Failure	for Both 1	Exhaust & 1		F		Exhaust O	nly		Failure f	or Visual	Only
Year	Type	Fotal	Avg HC (gpm)	Avg CO (gpm)	Avg NOx		Avg HC	Avg CO (gpm)	Avg NOx		Avg HC	Avg CO (gpm)	Avg NOx (gpm)
2000	LDGV	560 1.83%		18.9872	2.4078	495 1.62%		14.6342	2.4765	3564 11.67%		3.1546	.5590
2000	LDG¶1	184	1.6281	18.8869	2.7863		.9225	13.8720	2.7180	1753 9.33%	.1908	2.7060	.6846
2000	LDGT2	122 1.71%	2.5384	32.7495	3.2194		1.6653	21.4069	3.0233	698 9.77%	.2434	2.9436	.7679
Total		866 1.53%		20.9047	2.6026	895 1.58%		15.3627	2.6277	6015 10.65%		2,9994	.6199
2001	TDGA	332 1.37%		20.9143	2.3347	281 1.16%		15.9336	2.4464	3142 12.93%		2.9252	.4608
2001	LDGT1		1.6133	24.9065	2.8442	113	.9293	21.5352	2.8437	1890 12.79%	.1136	1.9490	.4833
2001	LDGT2	76 1.25%		24.6543	3.3014	103 1.70%		15.6041	3,1744	714 11.79%		2.6499	.6645
Total		532 1.18%		22.3791	2.5916	497 1.10%		17.1389	2.6876	5746 12.73%		2.5699	.4935
2002	LDGV	243 .82%		20.1685	2.5376	187 .63%		16.5290	2.7512	2620 8.79%		2.6404	.4194
2002	LDGT1		.7533	20.4781	3.8126	124 .59%		30.9839	1.9812	1709 8.12%		1.7214	,4443
2002	LDGT2	50 781.		18.6559	3.5277	53 .83%		18.6304	3.6079	551 8.58%		2.4347	.6415
Total		425 .7 4 %		20.0867	3.0501	364 .64%		21.7592	2.6136	4880 8.52%		2.2953	.4532
2003	LDGV	103 .52%		24.8209	2.4306	113 .57%		17.0308		7.62%			
2003	LDGT1	34 . 28%		37.3621	2.5131	32 .26%		30.4266	1.2396	827 6.71%		1.6607	.4167
2003	LDGT2	31 .58%		28.0618	3.0046	39 .73%		18.6010	3.5726	455 8.55%		2.1282	,5347
Total		168 .45%		27.9570	2.5532	184 .49%		19.6933	2.4472	2795 7.45%		2.1570	.4141
2004	LDGV	78 .29%		15.75 0 1	2.9124	110 .41%		17.732 4	2.5915	1094 4.12%		2.3174	.3325
2004	LDGT1		1.2312	30.2727	2.2260		.8028	22.4200	1.2375		.0909	1.5118	.3100

Vehicle							Exhaust O					
Year Type		Avg HC	Avg CO	Avg NOx		Avg HC	Avg CO	Avg NOx		Avg HC	Avg CO	Avg NOx
2004 LDGT2	28		35.9638	2.9859	17 .19%		10.6685	4.3381	380 4.15%		1.7923	.335
fotal	143 . 25%		23.4538	2.7492	193 .33%		18.7132		2215 3.84%		1.9578	.325
2005 LDGV	42 ,27%		12.3186	3.6390	73 .47%		17.2912	2.7383	586 3.75%		2.3022	.297
2005 LDGT1	19 .17%		18.8188	3.1515		1.1607	19.7166	2.6761	427 3.84%		1.2981	. 238
2005 LDGT2	9 2 0 %		31.7871	3.9461	14 .31%		13.8481	3.1625	162 3.58%		1.8885	. 276
Total	70 .22%		16.5860	3.5461	104 .33%		17.2241	2.7852	1175 3.76%		1.8803	.273
2006 LDGV	31 ,09%		23.9662	2.9808	415 1.25%		5.6191	4.5392	654 1.97%		2.0747	. 276
2006 LDGT1		.4429	13.0501	3.5690		.1216	2.4090	5.0501		.0589	1.1267	. 204
2006 LDGT2		2.5847	18.2965	3.2195		.3817	17.0460	2.0257		.0864	1.2514	.215
Total	48 .98		21.0838	3.1236	491 .79%		5.3607	4.5690	1163 1.88%		1.6757	.246
2007 LDGV	8 .10%		35.1037	3.9539	44 .54%		3.0644	4.5586	129 1.59%		2.1725	.276
2007 LDGT1		1.6515	97.4260	.2415		.3260	14.5171	3.1213	71 1.36%		1.1412	.244
2007 LDGT2		.3186	.0002	5.9561	2 .08%		21.8401	.7030	58 2.24%		1.4462	.216
Total	11 .07%		34.3869	3.9805	55 .35%		5.6213	4.1832	258 1.62%		1.7254	.254
2008 LDGV	3		25.6735	2.9842			3.8217	4.2571			2.0152	.237
2008 LDGT1		.0000	.0000	.0000		.1377	6.0479	4.1489		.0627	1.6109	.180
2008 LDGT2	.00% 1 .08%	.5041	20.9100	.9175	.27% 7 .58%	.2360	21.2344	.4988	.69% 13 1. 0 8%	.0384	1.1031	.143
T otal	4 .05%		24.4826	2.4675	38 .52%		7.3808	3.5477	69 .94%		1.7555	.207

Vehicle	Failure	for Both	Exhaust & '	Visual	P	ailure for	Exhaust O	nly		Pailure f	or Visual	Only
Year Type		_	Avg CO (gpm)	Avg NOx (gpm)		Avg HC (gpm)	Avg CO (gpm)			Avg HC (gpm)	_	Avg NOx (gpm)
2009 LDGV	3 .14%		7.1066	3.3246	14 .65%		1.0784	3.7706	13 .60%		1.5014	.1846
2009 LDGT1		.0000	.0000	.0000		.0101	.0111	7.6792		.9456	1.3294	.1473
2009 LDGT2		.0000	.0000	.0000	0 \$00.		.0000	.0000	.46%		.4811	.1655
Total	3 99.		7.1066	3.32 4 6	16 .46%		.9450	4.2592	25 .71%		1.3510	.1681
2010 LDGV	0 \$00.		.0000	.0000	0 100.		.0000	.0000	1 .15%		2.4175	.2078
2010 LDGT1		.0000	.0000	.0000		.6773	.0399	2,4682		.0310	.0000	.3724
2010 LDGT2		.0000	.0000	.0000	0 100.		.0000	.0000	1 .40%		.7581	.1555
Total	0 \$00.		.0000	.0000	.2 4 %		.0399	2.4682	3 .24%	.0448	1.0585	. 2452
2011 LDGV	0 \$0 0 .		.0000	.0000	0 800,		.0000	.0000	0 800.	.0000	.0000	.0000
2011 LDGT1		.0000	.0000	.0000		.0000	.0000	.0000	0 800.	.0000	.0000	.0000
2011 LDGT2		.0000	.0000	.0000	0 800.	.0000	.0000	.0000	0 800.	.0000	.0000	.0000
Total	0 800.		.0000	.0000	0 \$ 00 .		.0000	.0000	0 \$ 8 0.	.0000	.0000	.0000

Vehicle	Pailure	for Both	Exhaust an	d Visual	r	ailure for	Exhaust 0	nly		Failure f	or Visual	Only
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
Sub-Totals		1 1000	20 2160	2 2146	10654	2 2010	27.2566	2,4069	31954	.2782	3.9508	.7369
LDGV	5206 1.41%		28.2108	2.3146	2.89%		21.2300	2.4007	8.67%		3,7300	.1303
LDGT1	2702 1.18%		34.0652	3.1129	6655 2.89%		34.3512	3.2207	18898 8.22%		4.2855	.9769
LDGT2	1539 1.69%		35.2610	3.4134	4101 4,49%		34.2869	3.5492	7 4 37 8.15%		4.3194	1.0437
Test												
Type Total	9 44 7 1.37%		31.0338	2.7219	21410 3.10%		30.8085	2.8787	58289 8.45%		4.1063	.8538

Vehicle		HC Failure	es			CO Faile	ıres			NOx Failu	res	
Year Type		Avg HC	Avg CO (gpm)	Avg NOx	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	(gpm)
1982 LDGV			95.2319	1.6455	33 57.89¥	6.3063		.9560	11 19.30%		9.5641	
1982 LDGT1		15.5201	90.6916	2.4380	31 70.45%	7.4892	111.1087	1.9426	19.306 9 20.45%	2.9488	36.6300	8.7745
1982 LDGT2		9.9294	153.5244	2.0252	29 87.88%	7.4877	141.7546	1.7032	3 9.09%	5.1215	32.9034	8.1578
Total	71 52.99%	9.9958	108.9871	1.9203	93 6 9.40 %	7.0690	123.3516	1.5178	23 17.16 %	2.6658	23.1993	7.3644
1983 LDGV	58 56.86%	7.9806	87.1773	1.8322	87 85,29%	5.7912	81.4752	1.5101	16 15.69%	3.7258	27.7580	5.5040
1983 LDGT1		10.6288	119.1311	2.4216	55 76.39%	7.3841	117.9181	1.3824	14 19.44%	3.2842	20.5030	8.2314
1983 LDGT2		18.7831	152.4265	2.2052	44 75.86%	8.9581	130.7573	1.9928	13 22.41%	4.2861	36.2671	7.9266
Total	107 46.12%	10.4889	107.1003	2.0677	186 80.17%	7.0114	103.9095	1.5865	43 18.53%	3.7514	27.9684	7.1244
1984 LDGV	58.10%	6.7490	78.0596	1.7076	148 70.48%	4.7985	81.6251	1.2244	38 18.10%	3.0324	10.3420	5.7083
1984 LDGT1	66 49.25%	8.8078	109.0328	2.6886	112 83.58%	5.8606	106.3877	1.4371	15 11.19%	3,1518	20.4429	7.3067
1984 LDGT2	45 39.13%	8.6931	109.5698	2.5446	80 69.57%	5.3401	114.2761	2.0228	26 22.61%	3.2587	18.6289	7.9581
Total	233 50.76%	7.7077	92.9188	1.9772	340 74.07%	5.2758	97.4648	1.4823	79 17.21%	3.1295	14.9872	6.7522
1985 LDGV	150 54.35%	5.7068	57.5564	2.1978	209 75.72%	4.0061	55.4432	1.6584	56 20.29%	2.1646	13.1795	5.6473
1985 LDGT1	100 46.95%	8.2832	86.9949	2.6243	151 70.89%	5.8196	96.6933	1.6582	43 20.19%	2.9485	17.9881	7.3219
1985 LDGT2	66 53.23%	12.1060	118.5966	2.6748	92 7 4.19 %	8.5748	113.0967	2.3066	33 26.61%	3. 04 66	25.5054	7.6980
Total	316 51.55%	7.8586	79.6213	2.4324	452 73.743	5.5419	80.9584	1.7903	132 21.53%		17.8274	6.7055
1986 LDGV	165 53.23%	5.1549	56.9819	2.2169	236 76.13%	3.7098	55.9582	1.5480	56 18.06%		14.3287	5.4139
1986 LDGT1		7.8902	71.0373	2.4278		4.8338	78.3809	1.7230			14.4942	7.5827

Vehicle		HC Failure	8			CO Failt	ires			NOx Failu	res	
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
1986 LDGT2	67 50.00%		104.3640	3.0316	106 79.10%	6.4021	97.1153		30 22.39%		29.7684	
Total	336 49.931	6.8757	70.7806	2.4446	508 75.48%	4.6389	71.8732	1.8771	122 18.13%	2.7100	18.1742	6.6250
1987 LDGV	159 51.29%	5.3704	58.6336	2.1190	2 0 6 66.45%	3.8716	59.3881	1.5027	89 28.71%	2.3792	11.7386	4.8510
1987 LDGT1		7.5458	78.3908	2.5497	200 76.92%	4.8554	73.7638	1.7203	45 17.31%	3.0649	18.8176	6.7246
1987 LDGT2		7.8447	61.1235	2.8259	53 60.23%	5.4391	78.1812	2.6163	23 26.14%	2.6605	14.9346	7.0706
Total	325 49.39%	6.5257	66.1747	2.3798	459 69.76%	4.4812	67.8220	1.7261	157 23.86%	2.6169	14.2358	5.7132
1988 LDGV	265 62.50%	4.9091	50.6011	1.9756	287 67.69%	3.9989	57.2790	1.4094	71 16.75%	1.7504	12.6053	4.7853
1988 LDGT1		6.7050	54.0061	2.7754	225 60.16%	4.6939	61.0864	2.1057	108 28.88%	2.2208	15.0208	6.1916
1988 LDGT2		7.4938	48.40 98	3.2139	75 52.083	4.2904	56.8661	2.9768		2.1561	16.4693	6.5558
Total	517 54.88%	5.8760	51.6113	2.4163	587 62.31%	4.3026	58.6856	1.8766	236 25.05%	2.0637	14.6439	5.8565
1989 LDGV	308 66.38%	5.1056	49.8090	1.9253	316 68.10%	4.4861	56.1772		85 18.32%	2.1510	12.2852	4.8947
1989 LDGT1		6.4647	63.6628	2.5073	258 71.87%	4.6119	62.9935		83 23.12%	2.5738	17.5191	6.2313
1989 LDGT2		8.2020	58.8027	2.9601	96 60.00%	6.1903	65.7388	2.7603	54 33.75%	3.1871	19.8026	6.3358
Total	585 59.51%	6.0134	55.6294	2.2697	670 68.16%	4.7787	60.1720	1.8349	222 22.58%	2.5611	16.0706	5.7450
1990 LDGV	384 54.08%	5.0712	53.9754	2.1467	403 56.76%		61.3635	1.4479	259 36.48%	1.7608	11.8526	4.5819
1990 LDGT1		6.2084	60.4732	2.7057	261 67.10%	4.3575	60.3411	2.1332	110 28.28%	2.3102	15.7126	6.5377
1990 LDGT2		7.4325	56.2484	3.0902	91 54.17%	5.5601	66.7236	2.5999	26.266 60 35.71%	3.8407	15.8646	6.0689
Total	653 51.54%	5.7046	56.0828	2.4288	755 59.59%	4.3118	61.6561	1.8236	429 33.86%	2.1925	13.4035	5.2914

Vehicle		HC Failure	8			CO Faile	ıres			NOx Failu		
Year Type	Total		Avg CO	Avg NOx	Total	Avg HC	Avg CO	Avg NOx (gpm)	Total		Avg CO	Avg NOx
1991 LDGV	666	3.7970	39.9920	2.2872	451 51.19%	3.7244	58.0696	1.4538	257 29.17%	2.0568	11.6755	4.6018
1991 LDGT1		5.6417	57.5376	2.3895	272 59.52%	4.3524	65.8175	1.7385	137	1.9874	15.0564	5.9074
1991 LDGT2		6.9614	63.2647	3.0511	116 58.59%	5.9114	71.2745	2.6315	71 35.86%	2.3927	18.7530	6.3974
Total	1037 67.51%	4.6058	46.9154	2.3984	839 54.62 %	4.2304	62 .40 71	1.7089	465 30.27%	2.0876	13.7522	5.2607
1992 LDGV	748 65.85%	3.8537	41.9110	2.1085	760 66.90%	3.2756	46.8492	1.5753	3 0 5 26.85%	1,9098	13.1867	4.4826
1992 LDGT1		5.0808	60.1316	2.5579	195 56.03%	4.1152	70.8147	1.6782	113 32.47%	2.1998	16.6423	5.7995
1992 LDGT2		5.9900	48.7160	3.1648		5.8618	59.4000	2.9549	124 41.61%	2.5254	21.3463	5.8673
Total	1121 62.91%	4.4072	46.1509	2.3549	1112 62.40%	3.7880	52.8238	1.7881	542 30.42%	2.1111	15.7739	5.0740
1993 LDGV	707 62.29%	4.1347	40.0044	2.2164	663 58.41%	3.6488	47.2133	1.5961	356 31.37%	1.8486	10.7941	4.5802
1993 LDGT1	314 59.02%	5.2962	52.5810	3.1686	283 53.20%	4.8313	64.1351	2.1764	225 42.29%	2.3640	18.9747	5.9191
1993 LDGT2	206 59.71%	6.0373	50.8809	3.0964	192 55.65%	5.3833	59.5540	2.7072	126 36.52%	2.5728	20.3607	6.0802
fotal	1227 60.98%	4.7514	45.0489	2.6078	1138 56.56%	4.2355	53.5035	1.9279	707 35.14%	2.1417	15.1025	5.2736
1994 LDGV	740 67.213	3.6731	32.2827	2.1383	580 52.68%	3.6182	42.4735	1.4865	417 37.87%	1.6253	10.6635	4.1229
1994 LDGT1		5.0568	42.8109	3.0702	381 50.13%	4.7332	51.6831	2.5355	382 50.26%	1.8837	16.0206	5.4590
1994 LDGT2		4.3044	34.1873	3.3662	309 54.79 %	4.2815	42.6277	2.9446	241 42.73%	2.3171	17.9071	5.6065
Total	156 0 64.33%	4.2108	35.6443	2.7627	1270 52.37%	4.1141	45. 2739	2.1559	1040 42.89%	1.8805	14.3098	4.9574
1995 LDGV	874 64.60%	3.6709	30.6801	2.0863	618 45.68 %	3.7788	43.3773	1.4213	647 47.82%	1.6428	10.2018	3.5970
1995 LDGT1		5.2239	41.5354	3.4021	399 50.63%	4.5864	48.9788	2.4170	390 49.49%	1.9812	15.2869	5.6216

Vehicle		HC Failure	8			CO Faile	ıres			NOx Failu	res	
Year Type				Avg NOx (gpm)		Avg HC		Avg NOx		Avg HC (gpm)		Avg NOx
1995 LDGT2	459 68.71%	4.7958	33.8853	3.3146	402 60.18%	4.6325	40.7263	2.7916	280 41.92%	2.4976	18.7490	5.5912
Total	1745 62,12%	4.3334	34.0861	2.7200	1419 50.52%	4.2477	44.2013	2.0895	1317 46.89%	1.9248	13.5248	4.6205
1996 LDGV	514 48.95%	3.0313	33.2245	1.9086	434 41.33%	2.4422	45.1637	1.2327	585 55.71%	1.2642	9.2895	3.0858
1996 LDGT1	417 62.99%	3.1421	30.3957	3.7293	360 54.38%	2.9264	37.7786	2.8876	370 55.89%	1.8097	12.9660	5.0854
1996 LDGT2	224 64.93%	3.0991	34.1760	3.5247	214 62.03%	2.7733	38.8499	3.3579	171 49.57%	1.8411	16.5699	5.2252
Total	1155 56.15%	3.0845	32.3877	2.8794	1008 49.00%	2.6854	41.1857	2.2749	1126 54.74%	1.5311	11.6032	4.0677
1997 LDGV	457 45.20%	3.2429	35.2938	1.8602	428 42.33%	2.5793	43.4962	1.1792	588 58.16%	1,1645	9.0118	3.1214
1997 LDGT1	477 48.77%	2.8375	36.4566	3.1851	528 53.99%	2,2660	39.3780	2.6809	595 60.84%	1.2550	13.1476	4.3682
1997 LDGT2	256 54.58%	3.9315	29.2754	3.4945	272 58.00%	3.3011	32.6777	3.2558	275 58.64%	2.0709	15.7593	4.7275
Total	1190 48.413	3.2285	34.4652	2.7429	1228 49.96%	2.6045	39.3292	2.2848	1 458 59.32%	1.3724	11.9723	3.9331
1998 LDGV	484 41.26%	2.7336	37.4423	1.8465	454 38.70%	2.1324	47.3002	1.0616	743 63.34%	1.0504	9.4611	2.8547
1998 LDGT1		3.0507	30.8363	3.1778	287 35.83%	2.7020	38.4882	2.7065	611 76.28%	1.0556	11.4151	3.8186
1998 LDGT2		3.5922	34.5878	3.7433	238 52.54%	3.0446	37.6297	3.4982	326 71.96%	1.5782	15.2318	4.3479
Total	1054 43.43%	3.0258	34.7062	2.6925	979 40.34%	2.5211	42.3660	2.1362	1680 69.22%	1.1547	11.2915	3.4950
1999 LDGV		3.0956	35.1532	2.0234		2.2956	46.6072	1.0709	703	.8630	7.9782	2.8184
1999 LDGT1		2.6140	29.9934	3.0902	30.89% 261	2.1663	36.1387	2.4808	70.51% 537	.9789	10.2875	3.8050
1999 LDGT2	37.45% 256 44.29%	3.6190	28.4940	3.4451	37.02% 236 40.83%	3.4503	32.9356	3.2745	76.17% 475 82.18%	1.4524	13.2803	3.7147
Total	855 37.50%	3.1036	31.5661	2.7785	805 35.31%	2.5922	39.2050	2.1740	1715 75.22 %	1.0625	10.1698	3.3756

Vehicle		HC Failure	s			CO Failu	ıres			NOx Failu	res	
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)		Total	Avg HC (gpm)	-	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO	Avg NOx (gpm)
2000 LDGV	307 29.10%	3.3780	34.1764	2.2980	280 26.54%	2.5828	46.9281	1.1502	803 76.11%	.8560	7.4460	3.0470
2000 LDGT1	137 29.98%	2,9950	29.6200	2.5798	153 33.48%	2.1697	34.2326	1.8183	334 73.09%	.9463	9.4608	3.4811
2000 LDGT2	106 42.57%	4.1233	49.0250	2.9978	99 39.76%	3.7987	55.9615	2.8813	186 74.70%	1.1907	11.1122	3.9455
Total	550 31.23%	3.4262	35.9031	2.5031	532 30.21%	2.6903	44.9580	1.6645	1323 75.13%	.9259	8.4701	3.2829
2001 LDGV	199 32. 4 6%	3.2743	37.3622	2.1425	179 29.20%	2.5142	49.8582	1.0364	449 73.25%	.8850	7.5380	3.0905
2001 LDGT1		4.0351	56.1881	1.9735	104 43.883	2.3196	46.5662	1.3933	153 64.56%	.8693	7.6276	4.0883
2001 LDGT2		2.8894	33.0508	3.2701	62 3 4.64 %	2.7486	40.7463	2.8458	139 77.65%	1.0011	10.3896	3.9355
Total	329 31.97%	3.3242	39.7375	2.3595	345 33.53 t	2.4977	47.2283	1.4692	741 72.01%	.9035	8.0914	3.4550
2002 LDGV	141 32.79%	3.6786	36.1871	2.7262	139 32.33%	2.6773	45.004 0	1.6393	323 75.12%	.8812	8.5993	3.3517
2002 LDGT1		2.3598	62.9002	1.4215	115 44.92%	1.2610	53.0206	.8147	146 57.03%	.3861	4.9396	4.7312
2002 LDGT2	41 39.81%	2.0938	32.4846	3.8442	39 37.86%	1.8951	36.7185	3.9711	86 83.50%	.8635	11.2216	4.9378
fotal	239 30.29%	3.0922	41.9228	2.6068	293 37.14%	2.0173	47.0476	1,6261	555 70.34%	.7482	8.0429	3.8209
2003 LDGV	84 38.89%		33.3686	2.4023	72 33.33%		49.5425	1.4285	155 71.76%		9.0927	3.2171
2003 LDGT1			64.1293	1.7202			50.3034	.9637			8.1412	3.6969
2003 LDGT2		2.7318	39.0254	3.8562		2.0249	38.4306	2.9380	53 75.71%	1.0888	12.2033	4.1976
Total	134 38.07%	2.8313	39.6009	2.5941	147 41.76%	1.9979	47.2654	1.6346	236 67.05%	1.0714	9.6784	3.4942
2004 LDGV	81 43.09%		21.6496	3.1723	74 39.36%		31.5504	2.1693	135 71.81%		12.8054	3.6363
2004 LDGT1			64.2633	1.1178		1.1839	33.9538	.6881			6.6053	3.8188

Vehicle										NOx Failu	res	
Year Type		Avg HC	Avg CO (gpm)	Avg NOx		Avg HC	Avg CO	Avg NOx (gpm)		Avg HC	Avg CO	Avg NOx
2004 LDGT2	22 48.89%				20 44.44%	2.4688	52.9271	3.3719	32 71.11%	.9919	9.4762	4.7838
Total	123 36.61%	3.0211	33.1094	2.8534	168 50.00%	1.5526	35.1539	1.6600	202 60.12%	1.0655	11.2037	3.8497
2005 LDGV	50 43.48%	2.4496	21.4949	3.4047	50 43.48 %	1.8301	27.2957	2.6453	91 79.13%	1.2033	12.4486	3.7534
2005 LDGT1		2.8102	34.9850	1.9347	14 38.89	.9724	41.7685	.7791	21 58.33%	.4591	6.2428	4.7542
2005 LDGT2		2.7436	33.8899	3.7225	13 56.52%	2.0979	31.1627	3.7817	20 86.96%	1.3258	19.0764	3.8024
Total	67 38.51%	2.5311	24.7543	3.2986	77 44.25 %	1.7194	30.5800	2.4979	132 75.86%	1.1035	12.4656	3.9201
2006 LDGV	79 17.71%	2.8142	27.2038	3.3184	82 18.39%	2.1399	31.3900	2.6301	408 91.48%	.4657	4.2354	4.8137
2006 LDGT1	3 3.95%	1.7222	19.1471	5.1072	8 10.53%	1.0302	28.9032	2.0913	71 93.42%	.1230	1.3300	5.2190
2006 LDGT2		4.1154	17.7666	3.8168	9 52.94%	2.0153	26.4408	3.1166	12 70.59%	1.6127	14.2245	3.5137
Total	87 16.14%	2.8513	26.3836	3.4087	99 18.37%	2.0389	30.7391	2.6308	491 91.09%	.4442	4.0594	4.8405
	6 11.54%	3.1345	51.7130	2.6587	6 11.5 4 %	2.6507	61.9259	1.8115	48 92.31%		2.7337	4.8060
		1.5125	50.5970	.1389			55.9721	.0800			.0848	5.5954
2007 LDGT2		.0000	.0000	.0000	2 50.00%	4994	21.8401	.7030		.3186	.0002	5.9561
Total	8 12.12%		51.4340	2.0287	12 18.18%	1.6649	53.2603	1.0496	55 83.33%	.2076	2.3935	4.9196
2008 LDGV	3 10.71%		19.4928	5.0302	5		24.0642	3,1525	26		4.2585	4.4118
2008 LDGT1	0		.0000	.0000	17.86%	.3523	18.1011	.3593		.0304	.0213	6.0436
2008 LDGT2	\$00. 0 \$00.	.0000	.0000	.0000	33.33% 8 100.00%		21.1939	.5511	66.67% 0 100%	.0000	.0000	.0000
Total	3 7.14%		19.4928	5.0302	15 35.71%	.7726	21.7383	1.3927	30 71.43%	.4257	3.6935	4.6294

Vehicle		HC Failure	!S			CO Faile	ires			NOx Pailu	res	
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	(dbm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg HOx
2009 LDGV	2	5.3772	13.2693	2.2823	0	.0000	.0000	.0000	16 94.12%	.1620	1.3940	3.8908
2009 LDGT1	0 \$00.	.0000	.0000	.0000	0 \$00.	.0000	.0000	.0000	2 100.00%	.0101	.0111	7.6792
Total	2 10.53%	5.3772	13.2693	2.2823	0 \$ 0 0.	.0000	.0000	.0000	18 94.74%	.1451	1.2403	4.3117
2010 LDGT1	1 33.33%	2.0 00 1	.1196	.0347	0 100.	.0000	.0000	.0000	2 66.67%	.0160	.0000	3.6850
Total	1 33.33%	2.0001	.1196	.0347	0 \$00.	.0000	.0000	.0000	2 66.67%	.0160	.0000	3.6850

Vehi	cle		HC Failure	: 8			CO Fails	ires			NOx Failu	res	
Year	Type	Total	Avg HC (gpm)	Avg CO	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
Sub-T	otals												
	LDGV	8125	3.9003	40.1501	2.1252	7508	3.3439	50.1161	1.4218	7736	1.2648	9.3362	3.6135
		51.23%				47.34%				48.78%			
	LDGT1	4398	4.7834	48.1080	2.9486	4941	3.8033	55.8187	2.1434	4624	1.4870	12.7632	4.8209
		47.00%				52.81%				49.42%			
	LDGT2	3107	5.1330	44.6586	3.2926	3087	4.4887	53.6706	2.9386	2918	1.9434	15.9771	4.9476
		55.09%				54.73%				51.74%			
Test Type													
Total		15630	4.3939	43.2855	2.5890	15536	3.7175	52.6360	1.9527	15278	1.4617	11.6418	4.2337
		50.65%				50.35%				49.51%			

Beginning Date: 01-JAN-2010 Ending Date: 31-DEC-2010

Vehicle Visual Overall

100000								•			ar vomp	01101101					
				CA	T	A.	IS	FI	?R	()2	Gas	Cap	Eng I	ight	Opac	city
Year Type	Total	Pass	Pail	Pass	Fail	Pass	Fail	Pass	Fail								Fail
1982 LDGV	467	417	50	464	3	287	14			336	4	466		219	35	466	1
		89.3%	10.7%	99.4%	.6%	95.3%	4.7%	.01	.0%	98.8%	1.2%	100.0%	.08	86.2%	13.8%	99.8%	. 28
1982 LDGT1	318	297	21	308	4	261	9	0	0	54	2	317	1	36	10	317	1
		93.4%	6.6%	98.7%	1.3%	96.7%	3.31	.03	.0%	96.4%	3.6%	99.78	.3%	78.3%	21.7%	99.78	.38
1982 LDGT2	119	106	13	112	2	104	6	0	0	6	3	118					
		89.1%	10.9%	98.2%	1.8%	94.5%	5.5%	.0%	.01	66.7%	33.3%	100.0%	.08	80.0%	20.0%	99.2%	.88
T otal	904	820	84	884	9	652	29	0	0	396	9	901	1	267	48	901	3
		90.7%	9.3%	99.0%	1.0%	95.7%	4.3%	.01	.0%	97.8%	2.2%	99.9%	.1%	84.8%	15.2%	99.7%	.3%
1983 LDGV	543				1	325	13	0	0	407	3	539	3	288	39	539	4
		89.0%	11.0%	99.8%	.2%	96.2%	3.88	.01	.0%	99.3%	.7%	99.48	.68	88.1%	11.9%	99.3%	.78
1983 LDGT1	355			348	4					101					25	351	
				98.9%		94.68						100.0%	.0%	69.5%	30.5%	98.9%	1.18
1983 LDGT2	201	171			1					23							2
		85.1%	14.9%	99.5%	.5%	90.7%	9.3%	.0%	.0%	88.5%	11.5%	100.0%	.0%	71.1%	28.9%	99.0%	1.03
otal	1099											1094					
		87.5%	12.5%	99.4%	.6%	94.3%	5.7%	.03	.0%	98.3%	1.7%	99.7%	,3%	83.2%	16.8%	99.1%	.9%
1984 LDGV	1384	1238	146	1377	6	790	14	0	0	1218	8	1373	9	777	109	1376	8
		89.5%	10.5%	99.6%	.48	98.3%			.0%	99.3%		99.3%	.7%	87.7%	12.3%	99.4%	.6%
1984 LDGT1	930		110												56	921	9
				99.2%		95.4%				98.4%		99.5%		77.2%	22.8%	99.0%	1.01
1984 LDGT2	366	324								71							1
		88.5%	11.5%	98.3%	1.7%	94.1%	5.9%	.0%	.0\$	97.3%	2.7%	100.0%	.0%	74.2%	25.8%	99.7%	.3
l'otal	2680	2382	298	2649	19	1881	71	0	0	1669	16	2659	14	1016	182	2662	18
		88.91	11.1%	99.3%	.71	96.4%	3.6%	.0%	.0%	99.1%	.98	99.5%	.5%	84.8%	15.2%	99.3%	.78
1985 LDGV	1455	1294	161	1444	9	780	13	0	0	1305	10	1451	4	868	131	1451	4
		88.9%	11.1%	99.4%	.6%	98.4%	1.6%	.01		99.2%		99.7%		86.9%			
1985 LDGT1	1075	945	130	1071	3	675	33	0		612		1066		443			
		87.9%	12.13	99.78	.3%	95.3%	4.78	, 6%	.0%	99.0%	1.0%	99.5%	.5%	84.7%	15.3%	99.1%	.99
1985 LDGT2	379	324	55	367	4	343	20	0	0	109	2	376	3	98	26	373	(
		85.5%	14.5%	98.9%	1.18	94.5%	5.5%	.08	.03	98.2%	1.8%	99.2%	.81	79.0%	21.0%	98.4%	1.6
[otal	2909			2882			66			2026		2893		1409			26
		88.1%	11.9%	99.4%	.6%	96.5%	3.5%	.0%	.03	99.1%	.9%	99.6%	. 43	85.6%	14.4%	99.3%	.7%
1986 LDGV	2428	2174	254	2416	9	1002	28	0	0	2248	10	2410	9	1484	198	2412	16
				99.6%			2.73			99.63			.4%				

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Vehicle Visual Overall

				CA	T	A]	S	FF	'R	ſ)2	Gas	Cap	Enc 1	ight	Орас	itv
Year Type	Total	Pass	Fail														
1986 LDGT1	1808	1626	182	1791	10	974	34			1250	10	1799	5	925	124	1800	8
		89.9%	10.1%	99.4%	.63	96.6%	3.4%	61	.0%	99.2%	.8%	99.78	.3%	88.2%	11.8%	99.6%	.4%
1986 LDGT2	464	413	51	448	7	411	23	0	0	144	7	463	0	132	24	461	3
		89.0%	11.0%	98.5%	1.5%	94.7%	5.3%	.01	.0\$	95.4%	4.6%	100.0%	.0%	84.6%	15.4%	99.4%	.6%
otal	4700	4213	487	4655	26	2387	85	0	0	3642	27	4672	14	2541	346	4673	27
		89.6%	10.4%	99.4%	.6%	96.6%	3.4%	.03	.03	99.3%	.73	99.7%	.3%	88.0%	12.03	99.4%	.68
987 LDGV	2497	2191	306	2485	10	881	28	0	0	2354	13	2484	6	1553	252	2481	16
			12.3%			96.9%	3.1%	.01		99.5%		99.8%			14.0%		.6%
987 LDGT1	1755	1566	189	1742	9	800	25	0	0	1412	7			947	141	1747	8
			10.8%		.5%	97.0%	3.0%	.0%		99.5%		99.68		87.0%	13.0%	99.5%	.5%
987 LDGT2	494	447	47	490	3	449	13	0	0	338	3	489	2	357	30	492	2
		90.5%		99.4%		97.2%		.0%		99.1%		99.6%		92.2%		99.6%	.4%
otal	4746	4204	542	4717	22	2130	66	0	0	4104	23	4717	15	2857	423	4720	26
		88.6%	11.4%	99.5%	.5%	97.0%	3.0%	.0%	.0%	99.4%	.6%	99.7%	.3%	87.1%	12.9%	99.5%	.51
988 LDGV	3919	3509	410	3908	8	1201	19	0	0	3769	9	3902	10	2965	359	3903	16
		89.5%	10.5%	99.8%	, 2%	98.4%	1.6%	.08	.0%	99.8%	.28	99.7%	.3%	89.2%	10.8%	99.6%	. 41
988 LDGT1	2687	2449	238	2671	13	1306	31	0	0	2438	9	2682	4	2002	189	2683	4
		91.1%	8.9%	99.5%	.5%	97.78	2.3%	.0.	.03	99.6%	.48	99.9%	.13	91.4%	8.6%	99.9%	.1
988 LDGT2	934	868	66	916	7	859	8	0	0	841	2	920	7	832	47	932	2
		92.9%	7.1%	99.2%	.8%	99.1%	.9%	.08	.0%	99.8%	.2%	99.2%	.8%	94.7%	5.3%	99.8%	.21
otal	7546	6826	714	7495	28	3366	58	0	0	7048	20	7564	21	5799	595	7518	22
		90.5%		99.6%	.4%	98.3%			.0%	99.7%	.3%	99.7%		90.7%	9.3%	99.7%	.31
989 LDGV	4248	3878	370	4235	11	1013	19	0	0	4120	5	4234	7	3593	315	4224	24
707 2001	1210	91.3%		99.7%		98.23		.0%		99.9%		99.8%		91.93		99.4%	.61
989 LDGT1	2737		273			1011	28	0	0		_	2722	11	2099	220	2727	10
	2,0,		10.0%			97.3%		.0%		99.8%		99.6%		90.5%		99.68	. 41
989 LDGT2	1054	983	71		6	545	10		0	961	2		8	951	48	1053	1
		93.3%		99.4%		98.2%		.08		99.8%		99.2%		95.23		99.9%	.18
ntal	8039	7325	714	8002	30	2569	57	0	0	7625	12	8000	26	6643	583	8004	35
		91.1%	8.9%	99.6%	.4%	97.8%	2.2%	.01	.0%	99.8%	.2%	99.7%	.3%	91.9%	8.1%	99.6%	.48
990 LDGV	7779	7212	567	7768	8	1047	18	0	0	7744	20	7746	15	7123	492	7746	33
		92.7%	7.3%	99.9%	.1%	98.3%	1.7%	.68	.0%	99.7%	.3%	99.8%	.28	93.5%	6.5%	99.6%	.4%
990 LDGT1	3360	2972	388	3342	16	1318	17	0	0	3284	7	3344	6	2654	348	3352	8
		88.5%	11.5%	99.5%	.5%	98.7%	1.3%	.01	.0%	99.8%	.2%	99.8%	.2%	88.4%	11.6%	99.8%	.28

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Vehicle Visual Overall

4 CHICLE	4190	OT AACT	att						ianuaco	ri stom	ar comp	шепса					
				CA	T	A)	S	FI	?R		02	Gas	Cap	Eng 1	Light	0pa	city
Year Type	Total	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
1990 LDGT2	1274	1201	73	1260		604	 9			1262	7	1262	8	1208	40	1273	1
		94.3%	5.7%	99.0%	1.0%	98.5%		.01	.0%	99.4%		99.4%	.6%	96.8%	3.2%	99.98	.18
Total	12413	11385	1028	12370	37	2969	44	0	0	12296	34	12352	29	10985	880	12371	42
		91.7%	8.3%	99.7%	.38	98.5%	1.5%	.0%	.0%	99.7%	.3}	99.8%	.2%	92.6%	7.4%	99.7%	.3%
1991 LDGV	8297	7684	613	8280	11	786	13	0	0	8269	15	8258	20	7699	532	8262	35
		92.6%	7,4%	99.9%	.1%	98.4%	1.6%	. 8 .	.03	99.8%	.23	99.8%	. 2%	93.5%	6.5%	99.6%	.48
1991 LDGT1	4095	3798	297	4084	9	1093	11	0	0	4070	7	4074	12	3667	260	4086	9
		92.7%	7.3%	99.8 ₈	.2%	99.08	1.0%	.0%	.0%	99.8%	.2%	99.7%	.3%	93.4%	6.6%	99.8%	.28
1991 LDGT2	995	929	66	985	7	456	7	0	0	990	0	987	6	936	50	994	1
		93.4%	6.68	99.3%	.7%	98.5%	1.5%	.98	.0%	100.0%	.0%	99,4%	.61	94.9%	5.1%	99.9%	.18
Total	13387	12411		13349		2335				13329		13319		12302		13342	
		92.7%	7.3%	99.8%	.2%	98.7%	1.3%	.0%	.0%	99.8%	.2%	99.7%	.38	93.6%	6.4%	99.7%	.3%
1992 LDGV	10836	10026	810	10822	14	785	6	0	0	10805	17	10798	21	10023	722	10795	41
		92.5%	7.5%	99.9%	.18	99.2%	.8%	.03	.0%	99.8%	.28	99.8%	.28	93.3%	6.7%	99.6%	.48
1992 LDGT1	4711	4338	373	4692	19	1107	7	0	0	4696	8	4682	23	4295	319	4705	6
		92.1%	7.98	99.6%	. 48	99.4%	.63	.08	.0%	99.8%	.2%	99.5%	.5%	93.1%	6.9%	99.9%	.1%
1992 LDGT2	1763	1660	103		15	732		0	0	1755	4	1753	3	1685	76	1760	3
		94.2%	5.88	99.1%	.98	99.1%	.9%	₹9.	.0%	99.8%	.2%	99.8%	.21	95.7%	4.3%	99.8%	.2%
Total	17310	16024		17260	48			0		17256		17233		16003		17260	
		92.6%	7.4%	99.7%	.3%	99.2%	.8%	\$8.	.0%	99.8%	.2%	99.7%	.3%	93.5%	6.5%	99.7%	.3%
1993 LDGV	11490	10667	823	11467	21	705	13	0	0	11473	7	11441	21	10708	732	11442	48
		92.88	7.2%	99.8≹	. 2%	98.2%	1.8%	.0%	.0%	99.9%	.18	99.8%	.23	93.6%	6.48	99.6%	.48
1993 LDGT1	6272		304	6255	15	1292	7		0	6257	7	6241	16	5989	249	6258	14
		95.2%		99.8%		99.5%		.01	.0%	99.9%	.1%	99.7%	.3%	96.0%	4.0%	99.8%	.28
1993 LDGT2	1922	1784		1909		708				1910		1915		1810		1917	
		92.8%	7.28	99.4%	.6%	98.3%	1.7%	.01	.0%	99.7%	.38	99.8%	. 23	94.5%	5,5%	99.7%	.3%
Total	19684			19631			32			19640		19597		18507		19617	
		93.6%	6.4%	99.8%	.2%	98.8%	1.2%	.0%	.0%	99.9%	.1%	99.8%	. 2 %	94.5%	5.5%	99.7%	.3}
1994 LDGV	13531	12378	1153	13517	12	968	10	0	0	13515	12	13466	35	12463	1064	13486	45
		91.5%		99.9%		99.08				99.9%		99.7%		92.1%		99.7%	.38
1994 LDGT1	8103	7409	694	8086	17			0	0	8096	4	8054	26	7453	641	8086	17
		91.48	8.6%	99.8%	. 2%	99.9%	.1%	.0%	.0%	100.0%	.01	99.78	.3%	92.1%	7.9%	99.8%	.2%
1994 LDGT2	3171	2987	184	3157	14	1030	5	0	0	3163		3144	11	3020	150	3167	4
		94.2%	5.8%	99.6%	. 48	99.5%	.5%	.0%	.0%	99.8%	.2%	99.7%	.3%	95.3%	4.7%	99.9%	.18

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Vehicle Visual Overall

Vehicle	Vise	ial Over	all					H	(andato)	ry Visua	al Compo	onents					
				CA	Ţ	AI	:S	PF	'R	()2	Gas	Cap	Eng I	ight	0pa	city
Year Type	Total	Pass	Fail	Pass	Fail	Pass	Pail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
Total	24805	22774	2031	24760	43	3415	16			24774		24664	72	22936	1855	24739	66
		91.8%	8.2%	99.8%	.2%	99.5%	.58	.01	.0}	99.9%	.1%	99.7%	.3%	92.5%	7.5%	99.7%	,3%
1995 LDGV	17413	15421		17376	27		23	0		17381		17326	53			17361	52
1995 LDGT1	9035	88.6% 8092	11.4% 943	99.8%	.2% 16	97.7%	2.3%	.03 0	80. 0	99.9% 9019	.1%	99.7% 8987	.3% 29	89.3% 8132	10.7% 897	99.7% 9029	.3 % 6
1333 FDG11	3033	89.6%				1145 99.7%	.3%	.0%		100.0%	.0%		.3%			99.9%	.1%
1995 LDGT2	4030	3817	213		18		15	. 0	0	4017	9	4003	14	3864	163	4025	5
		94.7%		99.6%	.48		1.23	.0%	.0%	99.8%	.2%		.3%			99.9%	.18
Total	30478	27330 89.7%		30400 99.8%	61 .2%		41 1.23	0		30417 99.9%		30316 99.7%		27542 90.4%		30415 99.8%	63 .2%
1996 LDGV	19248	15490		10557	14		13	0		10544		19163		15564		19214	34
		80.5%		99.9%		98.1%	1.9%			99.7%		99.8%	. 2%			99.8%	.2%
1996 LDGT1	10383	8191	2192		8		0	0	0	5231		10331	28	8223		10364	19
1996 LDGT2	4097	78.9% 3202	21.1% 895	99.8%	.28 12	100.0%	.0% 3	.0% 0	₽6. 9	99.7% 1966	.3%	99.7% 4079	.3% 5	79.2% 3213	20.83 884	99.8% 4094	.2%
1770 100417	4071			1956 99.4%		377 99.2%	.8%	.0%	.01		_	99.9%	.1%			99.98	3 1%.
Total	33728	26883		17753	34		16	0		17741		33573		27000		33672	56
		79.7%	20.3%	99.8%	. 2%	98.5%	1.5%	.0%	.0%	99.7%	.3%	99.8%	.2%	80.1%	19.9%	99.8%	.28
1997 LDGV	20742	16841	3901		17		14		0		28			16909		20716	26
	40740	81.2%			.2%		2.2%			99.7%		99.8%	.2%			99.9%	.1%
1997 LDGT1	12749		2453		22		1	0 \$0.	0	6163		12690	27 28	10331		12738	11 .1}
1997 LDGT2	4630	80.8% 3451	19.2% 1179		15	97.1% 7	2.9% 1		.06	99.9% 2385	.18	99.8% 4611	. 26 5	81.0% 3463	1167	99.9% 4628	.15
1777 110412	1030			99.4%		87.5%	_	-	_	99.7%		99.93	.1%			100.0%	.0%
Total	38121			18386	54			0		18398		37952		30703		38082	
		80.2%	19.8%	99.7%	.3%	97.7%	2.3%	.0%	.0%	99.8%	. 2%	99.8%	.28	80.5%	19.5%	99.9%	.1%
1998 LDGV	24300		3771							9147		24187		20591		24269	31
				99.8%		99.2%				99.7%		99.8%		84.7%			,1}
1998 LDGT1	16782		2553		12		1		0			16705		14258		16773	9
1000 ፣ ከሮሞላ	ETAN			99.8%		90.98				99.8%		99.8%		85.0%			.1%
1998 LDGT2	3/49	4764 82.9%		2690 99.6%	11 .48	48 100.0%	0 80.	0 \$8.	0 \$0.	2698 99.9%	3 11.	5721 99.9%		4772 83.0%	977 17.0%		3 .1%
Total	46831	39522		18461	38		9	0		18453		46613		39621		46788	43
		84.4%	15.6%	99.8%	.2%	99.1%	.9%	.0%	.0%	99.8%	.2%	99.9%	.1%	84.6%	15.4%	99.98	.1%

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Vehicle Visual Overall

				CA	T	AI	S	21	R	()2	Gas	Cap	Bag I	ight	Opac	ity
ear Type	Total	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail				
1999 LDGV	23100	19845	3255	8419	9	677	12		0	8414	14	23013	36	19906	3194	23063	3
		85.9%	14.1%	99.9%	.18	98.3%	1.7%	.0%	.0%	99.8%	.28	99.8%	.21	86,2%	13.8%	99.8%	.2
1999 LDGT1	14578	12709	1869	5060	9	62	1	0	0	5055	14	14507	31	12749	1829	14571	
		87.2%	12.83	99.8%	.28	98.4%	1.6%	.0%	.0%	99.7%	.3%	99.81	21	87.5%	12.5%	100.0%	.0
1999 LDGT2	7188	5933	1255	3621	11	64	4	0	0	3627	5	7161	6	5949	1239	7187	
		82.5%	17.5%	99.7%	.3%	94.1%	5.9%	.01	.0%	99.9%	.18	99.9%	.13	82.8%	17.2%	100.0%	.0
otal	44866			17100	29	803	17	0	0	17096	33	44681	73	38604	6262	44821	4
		85.8%	14.28	99.8%	. 2%	97.9%	2.1%	.01	.0%	99.8%	.2%	99.8%	.21	86.0%	14.0%	99.9%	.1
2000 LDGV	30542	26418	4124	10222	24	1280	50	0	0	10170	76	30442	23	26476	4066	30516	2
		86.5%	13.5%	99.8%	.2%	96.2%	3.8%	.01	.0%	99.3%	.78	99.9%	11	86.7%	13.3%	99.9%	.1
2000 LDGT1	18786	16849	1937	5547	9	135	3	0	0	5540	16	18713	23	16881	1905	18784	
		89.7%	10.3	99.8%	.28	97.8%	2.2%	.01	.0%	99.7%	.38	99.9%	.18	89.9%	10.1%	100.0%	.0
2000 LDGT2	7142	6322	820	2693	4	145	2	0	0	2695	2	7105	7	6334	808	7135	
		88.5%	11.5%	99.98	.1}	98.6%	1.4%	.01	.0%	99.9%	.1%	99.91	.13	88.7%	11.3%	99.91	.1
otal	56470	49589		18462		1560	55	0		18405		56260		49691		56435	3
		87.8%	12.2%	99.8%	.2%	96.6%	3.4%	.08	.0%	99.5%	.5%	99.98	.18	88.0%	12.6%	99.9%	.1
2001 LDGV	24307	20833	3474	8360	13	1510	12	0	0	8345	28	24237	23	20874	3433	24289	1
		85.7%	14.3%	99.8%	.2%	99.2%	.8%	.01	.0%	99.78	.3%	99.9%	.1%	85.9%	14.18	99.9%	.1
001 LDGT1	14781	12767	2014	5049	3	411	4	0	0	5051		14722	25	12786		14775	
		86.4%		99.98	.1%	99.0%	1.0%	.01	.0%	100.0%	.0%	99.8%	. 28	86.5%		100.0%	.0
2001 LDGT2	6056	5266	790	2454	6	164	1	0	0	2457	3	6043	4	5276	780	6053	
		87.0%	13.0%	99.8%	.2%	99.4%	.6%	.0%	.0%	99.9%	.1%	99.9%	.18	87.1%	12.9%	100.0%	.0
otal	45144	38866	6278	15863	22	2085	17	0	0	15853	32	45002	52	38936	6208	45117	2
		86.1%	13.9%	99.9%	.1%	99.2%	.8%	.0%	.0%	99.8%	.2%	99.9%	.1%	86.2%	13.8%	99.9%	.1
2002 LDGV	29807	26944	2863	7232	15	1146	10	0	0	7225	22	29708	15	26975	2832	29796	1
		90.43		99.8%		99.1%	.9%	.0%		99.7%		99.9%		90.5%		100.0%	.0
2002 LDGT1	21052		1841	5001	8	69		.0.	0			20981		19230		21051	10
	448	91.3		99.8%		100.0%	.0%	.0}		99.5%		99.9%		91.3		100.0%	.0
2002 LDGT2	6419	5818	601	2041	6	104	2	0	0					5828		6418	.0
	****	90.6%		99.7%		98.1%				100.0%		99.9%		90.83		100.0%	.0
otal	57278	51973	5305	14274	29	1319	12	0	0	14256		57087		52033	5245	57265	1
		90.7%	9.3%	99.8%	. 2%	99.1%	.9%	.01	.0%	99.7%	.3%	99.9%	.1%	90.8%	9.2%	100.0%	.0
זויים ז כממי	19866	18250	1616	4547	13	742	5	0	۵	4548	12	19827	11	18271	1505	19864	
2003 LDGV	17000	rarao	7070	17.1	10	174	J	v	v	4740	17	13071	11	TOTIT	1333	17004	

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Vehicle Visual Overall

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				CA	T	A.	TS.	PE	?R		02	Gas	Cap	Eng	Light	Opac	city
Year Type	Total	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Pail
2003 LDGT1	12324	11463	861	2831	1	37			0	2830	2	12293	12	11471	853	12323	
		93.0	7.0%	100.0%	.0%	100.0%	.0%	.0%	.08	99.9%	.18	99.98	.11	93.1%	6.98	100.0%	.01
2003 LDGT2	5320	4834	486	1935	3	94	0	0	0	1934	4	5304	8	4842	478	5320	0
		90.9%	9.1%	99.8%	.2%	100.0%	.01	.0%	.0%	99.8%	.2%	99.8%	.2%	91.0%	9.0%	100.0%	.01
otal	37510	34547	2963	9313	17	873	5	9	0	9312	18	37424	31	34584	2926	37507	3
		92.1%	7.9%	99.8%	.2%	99.4%	.6%	.08	.08	99.8%	.2%	99.9%	.18	92.2%	7.8%	100.0%	.03
2004 LDGV	26549	25377	1172	4395	16	537	0	0	0	4401	10	26482	12	25401	1148	26541	8
		95.6%	4.4%	99.6%	.4%	100.0%	.0%	.0%	.0%	99.8%	.2%	100.0%	.03	95.7%	4.3%	100.0%	.03
004 LDGT1	21972	21194	778	3646	1	202	0	0	Ð	3040	1	21913	13	21205	767	21971	1
		96.5%	3.5%	100.0%	.0%	100.0%	.0%	.0%	.0%	100.0%	.0%	99.98	11	96.5%	3.5%	100.0%	.01
2004 LDGT2	9153	8745	408	2113	0	93	0	0	0	2113	0	9120	6	8747	406	9153	0
		95.5%	4.5%	100.0%	.0%	100.0%	.0%	.0%	.0%	100.0%	.0%	99.9%	.1%	95.6%	4.4%	100.0%	.03
otal	57674	55316	2358		17			0		9554		57515	31	55353		57665	9
		95.9%	4.1%	99.8%	.2%	100.0%	.0%	.03	.0%	99.9%	.1%	99.9%	.1%	96.0%	4.0%	100.0%	.0%
2005 LDGV	15618	14990	628	2739	7	243	0	0	0	2744	2	15584	11	15005	613	15615	3
		96.08	4.0%	99.7%	.3%	100.0%	.01	.01	,0%	99.9%	.18	99.98	.13	96.1%	3.9%	100.0%	.01
005 LDGT1	11115	10669	446	2183	6	128	1	0	0	2172	17	11086	10	10682	433	11115	0
		96.08	4.0%	99.7%	.3%	99.2%	.88	.0%	,0%	99.2%	.8%	99.9%	.1%	96.1%	3.98	100.0%	.01
2005 LDGT2	4522	4351	171	990	2	41	0	0	0	992	0	4505	6	4357	165	4522	9
		96.21	3.8%	99.8%	.2%	100.0%	.0%	.08	.0%	100.0%	.0%	99.9%	.11	96.4%	3.6%	100.0%	.01
otal	31255		1245		15			0	0			31175	27	30044		31252	3
		96.0%	4.0%	99.7%	.3%	99.8%	.2%	.0%	.0}	99.7%	.3%	99.91	.11	96.1%	3.9%	100.0%	.01
2006 LDGV	33136	32451	685	4191	13	328	1	0	0	4199	5	33048	9	32470	666	33132	4
		97.9%	2.1%	99.7%		99.7%		.0%	.0%	99.9%	.1%	100.0%	.01	98.0%	2.0%	100.0%	.03
2006 LDGT1	19518	19149		2633	2	140	1	0	0	2634	1	19461	6	19157	361	19517	1
		98.1%	1.9%	99.9%	.18	99.3%	.78	.0%	.0%	100.0%	.0%	100.0%	.0%	98.2%	1.8%	100.0%	.01
2006 LDGT2	9309			1281	2	99	0	0	0	1282	1	9288	1	9156		9309	6
		98.3%	1.7%	99.8%	.28	100.0%	.0%	.01	.0%	99.9%	.1%	100.0%	.0%	98.4%	1.6%	100.0%	.01
otal						567							16				
		98.0%	2.0%	99.8%	. 2%	99.6%	.4%	.01	.0%	99.9%	.1%	100.0%	.0%	98.1%	1.9%	100.0%	.01
2007 LDGV	8112	7975		1309		139				1311		8097				8111	
		98.3%	1.7%	99.88		100.0%		Ûł	.0%	100.0%		100.0%		98.3%		100.0%	
2007 LDGT1	5231	5159	72			55				781							
		98.6%	1.43	100.0%	.03	100.0%	.0%	.01	.0%	99.9%	.1%	100.0%	01	98.6%	1.4%	100.0%	.0%

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Vehicle Visual Overall

AGHICIG	VISUAL OVELALL			uangarory Argar combonence													
		· · · · · · · · · · · · · · · · · · ·		CA	T	A]	S	PE	'R		02	Gas	Сар	Eng :	Light	Opac	city
Year Type	Total	Pass	Fail	Pass	Fail	Pass	Pail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
2007 LDGT2	2593	2533		481		49			 0	481		2581	3	2536	57	2593	
		97.7%		100.0%	.0%	100.0%	.0%	.0%	.0%	100.0%		99.9%		97.8%		100.0%	
Total	15936	15667	269		2			0	0	2573	1	15891	4	15674	262	15935	1
		98.38	1.7%	99.9%	.1%	100.0%	.0%	.0\$.08	100.0%	.0%	100.0%	.01	98.48	1.6%	100.0%	.07
2008 LDGV	3935	3891	44	544	1	32	0	0	0	545	. 0	3924	2	3894	41	3935	(
		98.9%		99.8%		100.0%	.0%	.0%	.0%	100.0%		99.9%	.18	99.0%		100.0%	.01
2008 LDGT1	2187		15		0		0	0	0				0			2187	(
		99.3%		100.0%	.0%	100.0%	.01	.01	.0%	100.0%	.0%	100.0%	.0%	99.3%	.78	100.0%	.09
2008 LDGT2	1205	1191	14		0		0	0	0	148	0	1199	0	1191		1205	(
		98.8%	1.2%	100.0%	.0%	100.0%	.01	.03	.0%	100.0%	.0%	100.0%	.0%	98.81	1.2%	100.0%	.01
Total	7327							0		936		7303				7327	
		99.0%	1.0%	99.9%	.1%	100.0%	.08	.0%	.0%	100.0%	.0%	100.0%	.0%	99.0%	1.0%	100.0%	.09
2009 LDGV	2150	2134	16		2	13	0	0	0	241	. 0	2144	0	2136	14	2150	(
		99.3%	71	99.2%	.8%	100.0%	\$0,	.0%	.0%	100.0%	.0%	100.0%	0%	99.3%	.78	100.0%	.09
2009 LDGT1	918	908	10	94	0	1	0	0	0	94	. 0	915	0	908	16	918	(
		98.9%	1.1%	100.0%	.0%	100.0%	.0%	,0%	.0%	100.08	.03	100.0%	.03	98.9%	1.1%	100.0%	.0
2009 LDGT2	434	432	2	46	0	2	0	0	0	46	0	431	1	433	1	434	(
		99.5%	,5%	100.0%	.0%	100.0%	.0%	.01	.0%	100.0%	.0%	99.8%	.2%	99.8%	.2%	100.0%	.0
Total	3502	3474	28		2			0	0			3490					
		99.2%	.8%	99.5%	.5%	100.0%	.0}	.9₹	.0}	100.0%	.0%	100.0%	.68	99.3%	.78	100.0%	.09
2010 LDGV	668		1						0					667		668	(
		99.9%		100.0%		100.0%				100.0%		100.0%				100.0%	
2010 LDGT1	321		1		0		1		0					321			
		99.7%		100.0%		50.0%				100.0%		100.0%		100.0%	.0%	100.0%	.0
2010 LDGT2	249	248		. 16						16		246		248		249	
		99.6%	.48	100.0%	.08	.0%	.0%	.0}	.0%	100.0%	.0%	100.0%	.0%	99.6%	.48	100.0%	.0
Total	1238			131		4				131		1228				1238	
		99.8%	.2%	100.0%	.01	80.0%	20.0%	.08	.0%	100.0%	.0%	100.0%	.0%	99.8%	.2%	100.0%	.09
2011 LDGV		20		4							. 0					20	
		100.0%		100.0%		.08				100.0%		100.0%		100.0%		100.0%	
2011 LDGT1	15	15	0	4	0	Ø	0	0	0	4	. 0	15	0	15	0	15	(
		100.0%		100.0%	.0%	.0%	.0%	.0%	.0%	100.0%	: .0%	100.0%	.08	100.0%	.0%	100.0%	.0
2011 LDGT2	4	4	0	0	9	0	0	0		0		4	0	4	0	4	1
		100.0%	.0%	.0%	.0%	.0%	.0%	.03	.08	.0%	.0%	100.0%	.03	100.0%	.0%	100.0%	.09

Beginning Date: 01-JAN-2010 Ending Date: 31-DEC-2010

Vehicle Visual Overall

			C	AT	λI	S	PF	'R	(2	Gas	Сар	Eng I	ight	Opac	ity
Year Type	Total Pa	iss Pai	l Pass	Pail	Pass	Fail	Pass	Pail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Pail
Total	39	39	<u> </u>						8	0	39		39		39	
).0% .	0% 100.0%	-	.0%	.0%	.0}		100.0%		100.0%	_	100.0%	.0%	100.0%	.0%

Beginning Date: 01-JAN-2010 Ending Date: 31-DEC-2010

Vehicle Visual Overall

		*			CA	7	λI	S	FF	R	C)2	Gas	Cap	Bag I	ight	0pac	ity
Year	Type	Fotal	Pass	Pail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
—	—																	
Sub-1	otals																	
	LDGV	368387	331227	37160	167954	311	20475	356	0	9	166706	413	367086	484	328446	35802	367843	544
			89.9%	10.1%	99.8%	.2%	98.3%	1.7%	.03	.0%	99.8%	.2%	99.9%	.1%	90.2%	9.8%	99.9%	.1%
	LDGT1	229953	208353	21600	97549	236	14763	272	0	0	94685	199	229029	369	204438	20722	229781	172
			90.6%	9.4%	99.8%	.2%	98.2%	1.8%	.0%	.0%	99.8%	.2%	99.8%	.2%	90.8%	9.2%	99.9%	.1%
	LDGT2	91236	82260	8976	41835	187	9327	187	0	0	40476	82	90836	126	81330	8512	91179	57
			90.2%	9.8%	99.6%	.4%	98.0%	2.6%	.0%	.0%	99.8%	.28	99.91	.1%	90.5%	9.5%	99.9%	.1%
(Overal)	l																
!	rotal	689576	621840	67736	307338	734	44565	815	8	0	301867	694	686951		614214	65036	688803	773
			90.2%	9.8%	99.8%	.2%	98.2%	1.8%	.0%	,0%	99.8%	.2%	99.9%	.18	96.4%	9.6%	99.98	.1%

Vebicle	Advisory Visual Components									
	Cap Pre	ssure	OBD		Evap S	ystem				
Year Type	Pass	Fail	Pass	Fail	Pass	Fail				
1982 LDGV	384	35				0				
	91.65%	8.35%	,00%	.00%	.00%	.00%				
1982 LDGT1	243	45	0	0	0	Ø				
	84.38%	15.63	.00%	.00%	.00%	.00%				
1982 LDGT2	89	22	0	0	0	9				
	80.18%	19.82%	.00%	.00%	.00%	.001				
Potal	716	102	0	0	0	0				
	87.53%	12,473	.00%	.00%	.00%	.00%				
1983 LDGV	451	47	0	0	0	0				
	90.56%	9.44%	\$00.	\$00,	\$00.	.00%				
1983 LDGT1	260	59	0	0	0	0				
	81.50%	18.50%	.00%	.00}	.00%	.00%				
1983 LDGT2	147	38	0	0	0	0				
	79.46%	20.54%	.00%	.00%	.00%	.00t				
Total	858	144	0	0	0	0				
	85.63%	14.37%	.00%	.00%	,00%	.003				
1984 LDGV	1222	108	0	0	0	0				
	91.88%	8.12%	\$00.	.00%	.00%	.00%				
1984 LDGT1	782	91	0	0	0	0				
	89.58%	10.42%	,00%	.00%	.00%	.00%				
1984 LDGT2	294	58	0	0	0	0				
	83.52%	16.48%	.00%	.00%	.00%	.00%				
T otal	2298	257	0	0	0	0				
	89.94%	10.06%	.00%	.00%	.00%	.001				
1985 LDGV	1329	84	0	0	0	0				
	94.06%	5.94%		.00%	.00%	.00%				
1985 LDGT1	935	103	0	0	0	0				
	90.08%	9.92%	.00%	.00%	.00%	.001				
1985 LDGT2	309	64	ø	0	0	0				
	82.84%	17.16%	.00%	.00%	.00%	.00%				
T otal	2573	251	0		0	0				
	91.11%	8.89%	.00%	.00%	.90%	.00%				
1986 LDGV	2241	110	0	0	0	0				
	95.32%	4.68%	.00%							

Vehicle		Advis	ory Visua	l Compon	ents	
	Cap Pre	ssure	OBD		Evap :	System
Year Type	Pass	Fail	Pass	Pail	Pass	Fail
1986 LDGT1	1592			0		0
	90.71%		.00%		.00%	
1986 LDGT2	377	70	9	0	0	9
	84.34%	15.66%	.00%	.00%	.00%	.00%
Total	4210	343	0	0	0	0
	92.47%	7.53%	.00%	.00%	.00%	.00%
1987 LDGV	2307	125	0	0	0	0
	94.86%	5.14%	.00%	.00%	.00%	
1987 LDGT1	1553	133	0	6	0	9
	92.11%	7.89%	.00%	.00%	.00%	.00%
1987 LDGT2	442	41	0	8	0	0
	91.51%	8.49%	.00%	.00%	.00%	.00%
Total	4302	299	0	0	0	0
	93.50%	6.50%	.00%	.00%	.00%	.001
1988 LDGV	3676	162	0	0	0	0
	95.78%	4.22%	.00%	.00%	.00%	.00%
1988 LDGT1	2461	173	0	6	0	0
	93.43	6.57%	.00%	.00%	.00%	.00%
1988 LDGT2	827	86	0	0	0	0
	90.58%	9.42%	.00%	.00%	.00%	.00%
Total	6964	421	0	0	0	0
	94.30%	5.70%	.00%	.00%	.00%	.00%
1989 LDGV	3982	193	0	0	0	0
	95.38%		.00%	.00%	.00%	
1989 LDGT1	2449	231	9	0	0	0
1000 10000	91.38%		.00%	.00%	.00%	.00%
1989 LDGT2	945 91.04%	93 8.96%	.00%	0 .001	0 .00%	0 800.
	71.044	0.708	.001	.003	.001	.008
Total	7376	517	0	0	0	0
	93.45%	6.55%	.00%	.00%	.00%	.00%
1990 LDGV	7352	297	0	0	0	0
	96.12%	3.88%	.00%		.00%	
1990 LDGT1	3045	234	0	0	0	0
	92.86%	7.14%	.00%	.00%	.00%	.00%

	Cap Pi	ressure	OBD		Evap S	ystem		
Year Typ	Pass	Fail	Pass	Fail	Pass	Fail		
1990 LDG	12 1148	107			<u> </u>	0		
	91.47	8.531	.00%	.00%	.00%	.003		
Total	11545		0	0	0	0		
	94.76	\$ 5.24%	.00%	.00%	.00%	.001		
1991 LDG	7814	372	0	0	0	0		
	95.46	4.54%	.00%	.00%	.00%	.00		
1991 LDG	1 3760	263	0	0	0	0		
	93.46	6.54%	.00%	.00%	.00%	.00		
1991 LDG	2 901	82	0	0	0	0		
	91.66	8.34%	.00%	.00%	,00%	.00		
Total	12475		0	0	0	0		
	94.56	\$ 5.44%	.00%	.00%	.00}	.001		
1992 LDG	10265	432	0	6	8	0		
	95.96	4.04%	.00%	\$90.	,00%	.00		
1992 LDG			0	0	0	0		
	93.27		.00%	.00%	.00%	.00		
1992 LDG			0	0	0	0		
	92.17	7.83%	.00%	.00%	.00%	.00		
Total	16217	882	0	0	0	0		
	94.84	\$ 5.16 %	.00%	.00%	.00%	.00		
1993 LDG	i 1 0 917	446	0	9	0	0		
	96.07	3.93%	.00%	.00%	.00%	.00		
1993 LDG	1 5804	359	0	9	0	0		
	94.17	\$ 5.83 %	.00%	.00%	.00%	.00		
1993 LDG	1767		0	0	0	0		
	92.90	ł 7.10k	\$99.	.00%	.003	.00		
Total	18488		0	0	0	0		
	95.16	ł 4.84 ł	.00%	.003	.00%	.00		
1994 LDG	i 12912	450	347	98	0	0		
	96.63	3.37%	77.98%	22.02%	.00%	.00		
199 4 LD G	1 7559	449	11	2	0	0		
	94.39	5.61%	84.62%	15.38%	.00%	.00		
199 4 LDG			0	0	0	0		
	91.45	8.55%	.00%	.00%	.00%	.00		

Vehicle	Advisory Visual Components										
	Cap Pre	ssure	080		Evap	System					
Year Type	Pass	Fail	Pass	Fail	_	Pail					
Total	23328	1166	358	100		9					
	95.24%	4.76%	78.17%	21.83%	.00%	.001					
1995 LDGV	16510	663	2112	646	0	0					
	96.14%	3.86%	76.58%	23.42%	.00%	.001					
1995 LDGT1	8461	455	1051	466	0	0					
	94.90%	5.10%	69.28%	30.72%	\$00.	.001					
1995 LDGT2	3657	308	60	10	0	0					
	92.23%	7.77%	85.71%	14.29%	.00%	,001					
Total	28628	1426	3223	1122	0	0					
	95.26%	4.74%	74.18%	25.82%	.001	.001					
1996 LDGV	18330	696	13312	3362	3	0					
	96.34%	3.66%	79.84%	20.16%	100.00%	.001					
1996 LDGT1	9567	690	7391	2184	2	0					
	93.27%	6.73	77.19%	22.81%	100.00%	.001					
1996 LDGT2	3718	326	2811	827	0	0					
	91.94%	8.06%	77.27%	22.73%	.00%	.003					
Total	31615	1712	23514	6373	5	0					
	94.86%	5.14%	78.68%	21.32%	100.00%	.001					
1997 LDGV	19676	825	14914	3725	3	0					
	95.98%	4.02%	80.02%	19.98%	100.00%	.001					
1997 LDGT1	11757	815	9323	2434	0	Ø					
	93.52%	6.48%	79.30%	20.70%	.00%	.00%					
1997 LDGT2	4264	310	3078	1183	0	0					
	93.22%	6.78%	72.24%	27.76%	.00%	.003					
Total	35697	1950	27315	7342	3	0					
	94.82%	5.18%	78.82%	21.18%	100.00%	.001					
1998 LDGV	23156	806	18617	3455	0	1					
					.00%	_					
1998 LDGT1				2465	0						
	95.33%	4.67%	84.13%	15.87%	.00%	.003					
1998 LDGT2	5418	262	4224	948	1	0					
	95.39%	4.61%	81.67%	18.33%	100.00%	.00%					
Total	44382	1843	35912	6868	1	1					
	96.01%			16.05%		_					

Vehicle		Advisory Visual Components								
	Cap Pre	ssure	OBD		Byap S	ystem				
ar Type	Pass	Fail	Pass	Fail	Pass	_				
199 LDGV	21745	1043	18031							
	95.42%				.00%	.00				
99 LDGT1	13705	718	11789		1	0				
	95,02%				100.00%	.00				
99 LDGT2	6763	319	5303		0	0				
	95.50%	4.50%	82.49%	17.51%	.00%	.00				
tal	42213				1	0				
	95.30%	4.70%	86.00%	14.00%	100.00%	.00				
000 LDGV	29055	1095	24384	3381	8	0				
	96.37%	3.63%	87.82%	12.18%	100.00%	.00				
000 LDGT1	17742	834	15666		1	0				
		4.49%			100.00%	.00				
000 LDGT2	6740		5755		0	0				
	95.59%	4.41%	90.02%	9.98%	.00%	.00				
otal	53537	2240	45805	5741	9	(
	95.98%	4.02%	88.86%	11.14%	100.00%	.00				
001 LDGV	23313	680	19300	2928	2	9				
	97.17%	2.83%	86.83%	13,17%	100.00%	.00				
001 LDGT1	13906	706	11856		2	(
	95.17%				100.00%	.00				
001 LDGT2	5639	334	4743		Ø	•				
	94.41%	5.59%	88.19%	11.81%	.00%	.00				
tal	42858	1720			4	(
	96.14%	3.86%	86.85%	13.15%	100.00%	.00				
002 LDGV	28559	811	25711	2371	3	(
	97.24%	2.76%	91.56%	8.44%	100.00%	.00				
002 LDGT1	20079	613	18104	1827	6	6				
	97.04%	2.96%	90.83%	9.178	.00%	.00				
002 LDGT2	6037				0	9				
	95.21%	4.79%	90.94%	9.06%	.00%	.00				
tal	54675	1728	49023	4717	3	(
	96.94%	3.06%	91.22%	8.78%	100.00%	.00				
003 LDGV	19026	560	17397	1376	2	(
	97.14%				_	-				

	Cap Pre	ssure	OBD		Evap Sy	/stem
Year Type	Pass	Fail	Pass	Fail	Pass	Fail
2003 LDGT1	11673	476	10814		1	0
	96.13%				100.00%	.00
2003 LDGT2	5074	179			0	0
	96.59%	3.41%	91.61%	8.39%	.00%	.00
T otal	35773	1209	32511	2601	3	0
	96.73%	3.27%	92.59%	7.41%	100.00%	.00
2004 LDGV	25266	873	24113	980	0	0
	96.66%	3.34%	96.09%	3.91%	.00%	.00
2004 LDGT1	20986	654	20253	705	3	0
	96.98%	3.02%	96.64%	3.36%	100.00%	.00
2004 LDGT2		274			0	9
	96.96%	3.04%	96.36%	3.64%	.00%	.00
Total	55000	1801	52254		3	0
	96.83%	3.17%	96.34%	3.66%	100.00%	.00
2005 LDGV	14807	538	14191	567	9	0
	96.49%	3.51%	96.16%	3.84%	.00%	.00
2005 LDGT1		285	10026		1	0
	97.40%					.00
2005 LDGT2	4359	99			9	0
	97.78%	2.22%	96.52%	3.48	.00%	.00
Total	29850	922	28124	1146	1	0
	97.00%	3.00%	96.08%	3.92%	100.00%	.00
2006 LDGV	31907	695	30833	583	0	0
2000 2501					.00%	_
2006 LDGT1				333		0
	97.62%	2.38%	98.21%	1.79%	.00%	.00
2006 LDGT2						0
	98.12%	1.88%	98.54%	1.46%	100.00%	.00
Total			57702			
	97.83%	2.17%	98.22%	1.78%	100.00%	.00
2007 LDGV	7793	170	7626	125	0	0
			98.39%		.00%	.00
2007 LDGT1	5031	124	4931	64	0	0
	97.59%	2.41%	98.72%	1.28%	.00%	.00

Vehicle		Advisory Visual Components										
	Cap Pre	ssure	080		Evap	System						
Year Type	Pass	Fail	Pass	Fail	Pass	Fail						
2007 LDGT2	2495		2399	52								
	97.88%	2.12%	97.88%	2.12%	.00%	.00						
lotal	15319	348	14956	241	0	0						
	97.78%	2.22%	98.41%	1.59%	.00%	.00						
2008 LDGV	3736	126	3681	50	0	(
	96.74%	3.26%	98.66%	1.34%	.00%	.00						
2008 LDGT1	2063	82	2086	19	0	(
	96.18%	3.82%	99.10%	,90%	.00%	.00						
2008 LDGT2	1126	32	1144	9	0							
	97.24%	2.76%	99.22%	.78%	.00%	.00						
Total	6925	240	6911	78	0	(
	96.65%	3.35%	98.88%	1.12%	.003	.00						
2009 LDGV	2065	37	2043	12	0	(
	98.24%	1.76%	99.42%	.58%	.00%	.00						
2009 LDGT1	830	16	873	12	9	(
	98.11%	1.893	98.64%	1.36%	.00%	.00						
2009 LDGT2	339	10	415	0	0	(
	97.13%	2.87%	100.00%	.00%	.00%	.00						
P otal	3234	63	3331	24	0							
	98.09%	1.91%	99.28%	.72%	.00%	.00						
2010 LDGV	610	2	642	1	0							
	99.67%	334	99.84%	.16%	.00%							
2010 LDGT1	286	4	299	1	0	(
			99.67%	.33%	.00%	.00						
2010 LDGT2			236		0							
	97.97%	2.03%	99.58%	.42%	.00%	.00						
Potal			1177		0							
	99.09%	.91%	99.75%	.25%	.001	.00						
2011 LDGV	19		19		0							
	100.00%	.00%	100,00%	.00%		.00						
2011 LDGT1	14		13	0	0	(
	100.00%	.003	100.00%		.001	.00						
2011 LDGT2		0			0							
	100.00%	.00%	100.00%	.00%	.003	.00						

Vehicle	Advisory Visual Components										
	Cap Pre	ssure	OBD		Evap	System					
Year Type	Pass	Fail	Pass	Fail	Pass	Fail					
Total	37 100.00%	0 .00%	36 100.00%		.003	0 .00%					

Vehicle		Advisory Visual Components										
	Cap Pre	ssure	OBD		Evap S	ystem						
Year Type	Pass	Fail	Pass	Pail	Pass	Pail						
Sub-Totals												
T BOIT	350435	12401	027070	00075	54	4						
LDGV	350425 96.56%	12481 3.44%	237273 89.93%		21 95.45%	1 4.55%						
LDGT1	216180	10317	155846	17053	11	0						
	95.44%	4.56%	90.14%	9.86%	100.00%	.00%						
LDGT2	85276	4497	60055	6908	2	0						
	94.99%	5.01%	89.68%	10.32%	100.00%	.00%						
Overall												
Total	651881	27295	453174	50536	34	1						
	95.98%	4.02%	89.97%	10.03%	97.14%	2.86%						

Vehicle		Ini E x haust	tal Ruissions				g Retest Emissions		Bni	ssion Reduc	tions	Average Repair Costs
Year Type	Total	Avg HC (gpm)	Avg CO	Avg NOx (gpm)	Total		Avg CO (gpm)	Avg NOx	Avg HC (gpm)	Avg CO (gpm)	Avg NOx	
1982 LDGV	153	3.7965	53.9305	2.2684	74 48.37%	1.5155	15.2904	2.3083	1.4572 49.02%	25.9644 62.94%	.0956 3.98%	373.75
1982 LDGT1	137	5.1650	73.5920	2.8507	74 54.01%	2.5475	27.6096	2.6384	1,9484 43.34%	30.7160 52.66%	0705	283.50
1982 LDGT2	78	6.0020	101.9460	2.5361		2.6817	30.8552	3.1076	2.6811 49.99%	55.9319 64.45%	6091	252.00
Total	368	4.7734	71.4273	2.5419	181 49 .18%	2.1501	23.1648	2.5890	1.8812 46.67%	33.3707 59.03%	1008 -4.05%	307.73
1983 LDGV	245	5.2354	66.3130	1.6544	99 40.41%	1.4905	14.5616	2.0342	2.2151 59.78%	28.8033 66.42%	0733 -3.74%	404.86
1983 LDGT1	199	5.2199	71.8760	2.9538	99 49.75 %	2.5001	27.6113	2.6227	2.5029 50.03%	34.5151 55.56%		201.67
1983 LDGT2	164	6.2753	88.3168	3.2418	80 48.78%	2.5269	35.7942	2.9924	2.6866 51.53%	37.5055 51.17%		175.75
Total	608	5.5108	74.0690	2.5079	278 45.72%	2.1483	25.3189	2.5195	2.4532 53.31%	33.3416 56.84%	.0513 2.00%	295.86
1984 LDGV	482	3.9901	55.9436	1.9114	237 49.17%	1.3017	13.1208	1.9380	1.7463 57.29%	25.3295 65.88%	.2451 11.23%	308.35
1984 LDGT1	388	5.0131	78.9234	2.4555	192 49.48%	2.3316	26.9622	2.6226	1.6054 40.78%	34.0951 55.84%		186.88
1984 LDGT2	304	4.5372	79.6899	3.1238	132 43.42%	2.0827	27.3269	3.1833	2.1254	37.2720 57.70%	.1200 3.63%	406.86
Total	1174	4.4699	69.6872	2.4052	561 47.79%	1.8379	21.2006	2.4653	1.7873 49.30%	31.1395 59.49%	.0974 3.80%	318.79
1985 LDGV	607	4.0630	45.4482	2.3768	259 42.67%	1.0681	9.0764	1.9970	2.2467	25.7418		282.44
1985 LDGT1	486	4.5054	67.7466	2.9267	236	1.8538	20.2127	2.8923	67.78%	73.93% 29.4182		311.35
1985 LDGT2	314	6.6116	78.4845	3.2747	48.56% 128 40.76%	2.0005	20.6036	3.1739	50.77% 2.5821 56.35%	59.27% 34.1590 62.38%	4.13% .2455 7.18%	316.67
Total	1407	4.7846	60.5231	2.7671	623 44.28%	1.5573	15.6633	2.5780	2.1888 58.43%	28.8638 64.82%	.2317 8.25%	302.13
1986 LDGV	678	3.0768	42.3384	2.1253	3 41 50.29%	1.0285	9.1775	2.0099	1.4041 57.72%	24.2367 72.53%	.0592 2.86%	384.97

Vehicle		Ini Exhaust				Passing Exhaust	g Retest Emissions		Smi	ssion Reduc		Average Repair Costs
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)		-	Avg CO (gpm)	•	Avg HC (gpm)	Avg CO (gpm)	-	
1986 LDGT1	546	3.8141	48.8945	2.9855	310	1.7727	17.7098	2.6609	1.5207	22.0705	.1753	234.38
1986 LDGT2	357	4.7346	74.9944	3.1529	56.78% 144 40.34%	1.9093	20.1043	3.1142	46.17% 1.6207 45.91%	55.48% 31.7036 61.19%	6.18% .1881 5.70%	219.71
Total	1581	3.7058	51.9765	2.6544	795 50.28%	1.4782	14.4837	2.4638	1.4888 50.18%	24.7445 63.08}	.1278 4.93%	326.21
1987 LDGV	736	3.2508	38.8226	2.3420	349	.9796	8.3484	1.6909	1.6548	21.8130		209.53
1987 LDGT1	565	3.6950	47.3965	2.6954	47.42% 310 54.87%	1.4539	13.9866	2.4403	62.81% 1.5020 50.81%	72.32% 23.9301 63.11%		275.64
1987 LDGT2	222	4.1263	53.1200	3,3954		1.6733	13.4989	2.6895	2.0517 55.08%		.5387	396.11
Total	1523	3.5432	44.0874	2.6267	770 50.56%	1.2706	11.3608	2.1366	1.6505 56.5 0 %	23.0352 66.97%	.3630 14.52%	271.55
1988 LDGV	886	3.2646	35.9943	2.0867	459	.8692	7.9125	1.6668	1.7509	22.0249		295.73
1988 LDGT1	875	3.4734	38.7412	3.0614	51.81% 436 49.83%	1.3421	12.2090	2.3526	66.83% 1.6664 55.39%	73.57% 20.0438 62.15%	13.97% .5856 19.93%	309.28
1988 LDGT2	340	4.4048	39.5714	3.6880	178 52.35%	1,3096	10.4347	2.7327	2.1926 62.61%	16.3571 61.05%	.6953 20.28%	295.33
Total	2101	3.5361	37.7172	2.7518	1073 51.07%	1.1344	10.0768	2.1223	1.7898 61.21%	20.2796 66.81%	.4691 18.10%	301.26
1989 LDGV	999	3.1584	34.2412	2.1545		.8919	8.4014	1.7634	1.5268	18.8314		347.95
1989 LDGT1	861	3.8523	41.9189	2.5768	52.35% 450	1.3341	11.8813	2.1646	63.13%	69.15%		338.89
1989 LDGT2	397	4.2469	35.4857	3,4692	52.26% 212 53.40%	1.5311	12.3172	2.7145	55.78% 2.2394 59.39%	63.85% 19.8204 61.67%	14.09% .3638 11.82%	282.45
Total	2257	3.6135	37.3890	2.5469		1.1742	10.4235	2.0859	1.7135 59.34%		.3018 12.64%	330.10
199 0 LDGV	1526	2.8411	32.6679	2.4462		.7887	7.5104	1.7074	1.4862	20.5432		303.34
1990 LDGT1	868	3.1858	36.3309	3.0341	52.95% 515 59.33%	1.2670	10.9004	2.2663	65.33% 1.5316 54.73%	73.23% 20.4297 65.21%	21.56% .4851 17.63%	321.03

Vehicle		Ini Exhaust	Baissions			Exhaust	B m issions		Eni	ssion Reduc	tions	Average Repair Costs
Year Type	Total	Avg HC (gpm)		-			Avg CO	Avg NOx (gpm)	Avg HC (gpm)	_	Avg NOx	
1990 LDGT2	439	4.1681	35.4175	3.2375	235 53.53%		11.9868	2.6220	1.7009 54.35%	18.7844 61.05%		319.75
Total	2833	3.1523	34.2163	2.7489	1558 54.99%		9.3062	2.0301	1.5336 59.51%	20.2404 68.50%	.4849 19.28%	
1991 LDGV	1963	2.6115	27.7183	2.3687	973 49.57 %	.7202	7.2286	1.5845	1.4299 66.50%	18.4688 71.87%	.5113 24.39%	286.54
1991 LDGT1	1051	3.0689	36.1520	2.8340	589	1.0255	10.1736	1.9440	1.6172	19.5352	.6016	329.33
1991 LDGT2	469	3.9997	44.1526	3.5311	56.04% 224 47.76%	1.1953	11.5124	2.4816	61.19% 2.2391 65.20%	65.76% 23.2727 66.90%	23.63% .7599 23.44%	289.67
Total	3483	2.9364	32.4761	2.6656	1786 51.28%	.8805	8.7371	1.8156	1.5932 64.41%	19.4230 68.97%	.5722 23.96%	300.35
1992 LDGV	2259	2.2823	29.2263	2.2260	1198 53.03%	.6436	6.2452	1.4930	1.2598 66.19%	19.8146 76.04%	.4100 21.54%	315.51
1992 LDGT1	977	2.9357	35.5460	2.6642	595	.9501	9.8206	1.9064	1,2004	17.2305	.5014	
1992 LDGT2	761	4.5648	37.5761	3.4375	60.90% 333 43.76%	1.2606	11.5945	2.3580	55.82% 2.1946 63.52%	63.70% 19.3750 62.56%	20.83% .8867 27.33%	
fotal	3997	2.8766	32.3608	2.5638	2126 53.19%	.8260	8.0837	1.7442	1.3896 62.72%	19.0226 70.18%	.5102 22.63%	336.12
1993 LDGV	2345	2.4260	26.3998	2.3786	1273 54.29%	.6415	6.1712	1.5615	1.2301 65.73%	15.987 0 72.15%	.5277 25.26%	311.87
1993 LDGT1	1193	3.1230	33.9742	3.2108	739	1.0215	9.7772	2.1253	1,5682	17.2348	.7372	447,50
1993 LDGT2	836	3.6754	34.9068	3.4857	61.94% 401 47.97%	1.3689	12.3268	2.5672	60.55% 1.7398 55.97%	63.80% 18.5087 60.02%	25.75% .7437 22.46%	353.29
T otal	4374	2.8549	30.0916	2.8172	2413 55.17%	.8788	8.2985	1.9013	1.4184 61.75%	16.7882 66.92%	.6277 24.82%	356.36
1994 LDGV	2393	2.2112	22.5851	2.2410	1228 51.32%	.5071	5.2641	1.3072	1.2168 70.58%	13.4847 71.92%	.5265 28.71%	351.09
1994 LDGT1	1772	2.7461	26.8779	3.2191	1006 56.77%	.8086	8.1825	1.8764	1.4243 63.79%	14.4303 63.81%	.8269 30.59%	383.25
1994 LDGT2	1460	3.0847	25.3236	3.4468	652 44.66%	.9693	8.8436	1.9407	1.6484 62.97%	13.1143 59.72%	1.0661 35.46%	482.22

Vehicle											tions	Average Repair Costs
Year Type	Total	Avg HC (gpm)	Avg CO (gpm}	Avg NOx (gpm)	Potal	Avg HC (qpm)	Avg CO (gpm)	Avg NOx (gpm)	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	
Total				2.8621		.7166	7.0901	1.6487	1.3866 65.93%		.7531	394.60
1995 LDGV	3072	2.0942	19.3674	2.1338	1614 E2 E4B	.4621	4.6230	1.1930	1.1377	10.9535	.5643	280.33
1995 LDGT1	1794	2.4873	24.6829	3.2309	52.54% 1012 56.41%	.7299	7.6528	1.8340	71.11% 1.2334 62.82%	70.32% 13.2389 63.37%	32.11% .9195 33.39%	453.98
1995 LDGT2	1620	3.5296	27.2310	3.1902	766 47.28%	.9063	8.8217	1.9241	1.6751 64.89%	13.7790 60.97%		364.54
Total	6486	2.5615	22.8017	2.7011	3392 52.30%	.6423	6.4751	1.5493	1.2876 66.72%	12.2734 65.46%	.7609 32.94%	349.29
1996 LDGV	2422	1.3429	16.2137	1.8749	1460	.3861	4.0623	.9750	.6337	9.5460		347.19
1996 LDGT1	1768	1.5031	17.4882	2.8725	60.28% 1150 65.05%	.3821	4.7503	1.5311	62.14% .7376 65.88%	70.15% 9.3274 66.26%	35.22% .8130 34.68%	273.36
1996 LDGT2	923	1.8261	19.9908	3.0134		.4910	5.3409	1.4674	.7659 60.94%	9.6203 64.30%		444.57
Total	5113	1.4855	17.3363	2.4254	3163 61.86%	.4030	4.5360	1.2633	,6946 63.28%	9.4795 67.64%	,7059 35.85%	336.31
1997 LDGV	2500	1.3983	17.3318	1.8091	1555	.3253	3.9498	.8959	.6443	9.4882		300.58
1997 LDGT1	2421	1.1882	17.8469	2.7280	62.20% 1510 62.37%	.3734	4.9708	1.3671	66.45% .5910 61.28%	70.61% 9.2938 65.15%	37.93% .8660 38.78%	352.80
1997 LDGT2	1088	2.3416	18.3337	3.1234		.4412	5.1609	1.4380	1.1217 71.77%	9.4810 64.75%		330.22
Total	6009	1.4845	17.7207	2.4173	3696 61.51%	.3648	4.5737	1.1810	.7040 65.87%	9.4076 67.29%		332.17
1998 LDGV	2689	1.0249	16.0022	1.7456			3.4200	.6892	.5762	10.3538		321.11
1998 LDGT1	2002	1.1805	13.7586	2.4913	60.69% 1313	.3178	3.8920	1.1427	69.94% .5756	75.17% 7.0687		335.75
1998 LDGT2	1013	1.6872	19.4199	3.0008	65.58% 595 58.74%	.3731	4.5172	1.2225	64.43% 1.0009 72.85%	64.49% 10.8286 70.56%	43.25% 1.2299 50.15%	473.15
Total	5704	1.1971	15.8217	2.2303	3540 62.06%		3.7795	.9470	.6473 68.72%	9.2151 70.91%	.8433 47.10%	342.38

Vehicle		Ini Exhaust				Passin Exhaust	Emissions		Emi	ssion Reduc	tions	Average Repair Costs
Year Type	Total	Avg HC (gpm)	-	Avg NOx (gpm)		Avg HC (gpm)	Avg CO	Avg NOx	Avg HC (gpm)		Avg NOx (gpm)	
1999 LDGV	2650	.8811	12.5326	1.6796	1756 66.26%	.2210	3.0364	.6541	.4735 68.18%	7.2578 70.50%	,6271 48,95%	381.37
1999 LDGT1	1862	.8945	13.7711	2.2648	1248 67.02%	.2464	3.1289	.9037	.4196 63.00%	6.4909 67.47%	.9620 51.56%	402.33
1999 LDGT2	1257	1.6086	15,2020	2.8437	707 56.25%	.3343	3.5051	1.0697	.8660 72.15%	9.2010 72.41%		352.07
Total	5769	1.0439	13.5140	2.1221	3711 64.33%	.2511	3.1568	.8172	.5301 67.86%	7.3701 70.01%	.8596 51.26%	383.34
2000 LDGV	2792	.9372	10.6901	1.7674	1857 66.51%	.1783	2.7120	.5288	.4998 73.70%	5.8271 68.24%	.8176 60.72%	340.95
2000 LDGT1	1559	.7076	9.1469	1.7392	1163 74.60%	.2320	3.0138	.8281	.2485 51.72%	3.5767 54.27%	.5209 38.61%	346.30
2000 LDGT2	694	1.3846	17.1745	2.2392	475 68.44%	.2598	3.0473	.8533	.7100 73.21%	9.2592 75.24%	.8600 50.19%	517.88
Total	5045	,9278	11.1052	1.8236	3495 69.28%	.2073	2.8580	.6725	.4447 68.21%	5.5447 65.99%	.72 4 6 51.86%	355.63
2001 LDGV	1679	.7589	11.6498	1.5984	1181	.1408	2.2404	.4132	.4650	6.9453		361.00
2001 LDGT1	1032	.5035	8.7753	1.3516	70.34% 853	.1205	2.1801	.4593	76.76% .2222	75.61% 4.3731		401.15
2001 LDGT2	604	.7848	10.0220	2.0463	82.66% 437 72.35%	.2153	2.7883	.7427	64.83% .3830 64.01%	66.73% 4.73 0 8 62.92%	55.94% .6066 44.96%	448.44
T otal	3315	.6841	10.4584	1.6032	2471 74.54%	.1470	2.3165	.4874	.3667 71.39%	5.6657 70.98%	.6783 58.19%	386,43
2002 LDGV	1460	.6584	8.8999	1.4098	1129	.1009	2.1318	.3180	.3741	5.3189	.7112	341.49
2002 LDGT1	946	.3544	10.8581	1.1626	77.33% 780	.1008	2.1645	.3848	78.75%	71.39% 5.9880	69.11% .5097	307.77
2002 LDGT2	460	.4547	7.8526	1.6494	82.45% 373 81. 0 9%	.1958	2.3831	.7121	62.91% .1499 43.37%	73.45% 3.1413 56.86%	56.98% .4553 39.00%	252.75
Total	2866	.5254	9.3781	1.3652	2282 79.62%	.1164	2.1840	.4052	.268 0 69.72%	5.1917 70.39%		323.51
2003 LDGV	898	.6854	8.8628	1.1438	701 78.06%	.0 791	1.2862	.2452	.2733 77.56%	4.8411 79.01%	.5484 69.10%	182.88

Vehicle						Passin Exhaust	g Retest Emissions			ssion Reduc	tions	Average Repair Costs
Year Type		Avg HC	Avg CO	Avg NOx			Avg CO	Avg NOx				
2003 LDGT1	571	,2573	7.0025	.7256	516		1.7308	.3242	.1098		.2262	
					90.37%				56.90%		41.10%	
2003 LDGT2	272	.5605	10.4835	1.4968	220 80.88%		2.6621	.5038	.3057 63.81%		.6147 54.96%	
Total	1741	.5255	8.5058	1.0618	1437 82.54%		1.6565	.3131	.2195 69.80%	4.3760 72.54%	.4429 58.58%	
2004 LDGV	1106	.4808	5.5964	.8936	985 89.06%	.0670	1,2909	.1549	.2638 79.74%	3.0554 70.30%		
2004 LDGT1	789	.2226	5.6474	.4871		.0574	1.4589	1504	.1299			
2004 10011	147	.4420	3.0474	.40/1	91.51%		1.4303	.1374	69.35%			
2004 LDGT2	314	.4036	5.6928	1.0201		.0952	1.6502	.2271	.1944			
					91.72%				67.12%	65.23%		
Total	2209	.3776	5.6283	.7664	1995 90.31%	.0676	1.4035	.1665	.2053 75.22%	2.9499 67.76%	.4067 70.95%	
2005 LDGV	699	.3727	5.6069	.9502		.0529	1.0090	.1482		3.0684		
100E IDOM1	210	1570	3 3704	4011	88.41%		1 1/00	1175	79.91%	75.25%		
2005 LDGT1	310	.1572	3.3704	.4911	292 94.19%	.0491	1.1690	.1175	.0873 63.98%	1.2978 52.61%	.2689 69.59%	
2005 LDGT2	138	.5267	9.0171	1.1327		.1139	1.5427	.2556	.2392			
2000 20012	100	10201	3,0171	1,101,	85.51%		110121	12330	67.73%	70.37%	68.55%	
Total	1147	.3330	5.4127	.8481		.0588	1.1157	.1518	.1788			
					89.63%				75.24%	70.24%	75.97%	
2006 LDGV	1232	.3481	4.2886	2.0855	1117	.0435	.8216	.1071	.1845	2,3585	1,8468	135.95
					90.67%				80.92%	74.16%	94.52%	
2006 LDGT1	504	.0847	1.5424	.6844	483	.0443	.7042	.1201	.0323	.6702	.4719	193.11
					95.83%				42.143	48.76%	79.71%	
2006 LDGT2	200	.2564	3.3218	.5577	187	.0790	1.0918	.1822	.1441	1.3556	.2801	164.17
					93.50%				64.60%	55.39%	60.60%	
Total	1936	.2700	3.4738	1.5629	1787 92.30%	.0474	.8182	.1185	.1391 7 4. 57%	1.7972 68.72%	1.3112 91.71%	155.49
2007 LDGV	216	.1563	2.5616	1.4472	198	.0300	.7337	.0516	.8882	1.6005	1.2023	45.00
2.2. 1					91.67%			,	74.62%	68.57%	95.88%	
2007 LDGT1	124	.0801	2.5872	.3112		.0285	.8250	.0632	.0516 64.42%	1.7658 68.16%	.2489 79.76%	171.67

Vehicle		Ini Exhaust							Bæi	ssion Reduc		Average Repair Costs
Year Type	Total	Avg HC (gpm)		Avg NOx			Avg CO (gpm)	Avg NOx	Avg HC (gpm)			
2007 LDGT2	59	.0973	2.0086	.3458	57 96.61%		.9664	.1249	.0333 40.11%	.6883 41.60%	.2089 62.59%	15.00
Total	399	.1239	2.4878	.9313	378 94.74%	.0325	.7985	.0664	.0680 67.67%	1.5167 65.51%	.7423 91.79%	83.89
2008 LDGV	147	.1662	2,9494	.8982	142 96.60%	.0223	.7147	.0401	.1201 84.33%	2.0354 74.01%	.8290 95.38%	1.50
2008 LDGT1	78	.0566	1.5835	.3372	76	.0290	.9704	.0615	.0262	.5856	.2751	.00
2008 LDGT2	37	.1217	6.6095	.2700	97.44% 32 86.49%	.0721	2.4259	.0909	47.49% .0250 25.72%	37.63% 2.7449 53.08%	81.72% .1451 61.47%	30.00
Total	262	.1273	3.0597	.6425	250 95.42%	.0307	1.0114	.0531	.0794 72.09%	1.685 4 62.50%	.5731 91.52%	11.00
2009 LDGV	57	1.0473	3.0793	1.0670	48 84,21%	.0257	.6056	.0353	.2510 90.72%	1.5799 72.29%	.8890 96.18%	22.00
2009 LDGT1	15	.0431	.9620	.4917	15	.0347	,9805	.0609	.0084	0186	.4308	.00
2009 LDGT2	9	.0390	.7331	.1574	100.00% 9 100.00%	.0336	1.4328	.0959	19.43% .0055 13.98%	-1.93% 6997 -95.45%	87.62% .0615 39.06%	.00
Total	81	.7493	2.4265	.8594	72 88.89%	.0285	.7871	.0482	.1698 85.61%	.9619 55.00%	.6901 93. 4 7%	22.00
2010 LDGV	3	.0492	1.3259	1.4786	3		.3984	.0055	.0360	.9275	1.4731	.00
2010 LDGT1	7	.3189	.4881	.1272	100.00% 5	.0096	.2055	.0296	73.24% .4225	69.95% .3375	99.63% .0793	.00
2010 LDGT2	1	.0303	.0000	.1535	71.43% 1 100.00%	.0248	.3864	.0023	97.77% .0055 18.15%	62.16% 3864 .00%	72.82% .1512 98.50%	.00
Total	11	.2191	.6722	.4982	9 81.82%		.2899	.0185	.2473 95.19%	.4537 61.02%	.5519 96.75%	.00

Vehicle		Ini Exhaust	tal Enissions				g Retest Emissions		Eni	ssion Reduc	tions	Average Repair Costs
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Avg HC (qpm)	Avg CO (gpm)	Avg NOx (gpm)	
Sub-Totals												
LDGV	38894	1.7344	20.4124	1.9240	23817 61.24%	.3940	4.2631	.9242	.8150 67.41%	10.9651 72.01%	.6275 40.44%	
LDGT1	25700	1.9561	24.1143	2.4285	16812 65.42%	.5913	6.4077	, 1.3371	.8150 57.95%	10.9388	.6233 31.80%	
LDGT2	14830	2.7806	28.2 00 6	2.9259	8312 56.05%	.7383	7.4874	1.5824	1.2 04 2 61.99%	12.7419 62.99%	.8164 34.03%	
Test Type Total												
10001	79424	2.0015	23.0645	2.2743	48941 61.62%	.5202	5.5474	1.1778	.8811 62.88%	11.2578 66.99%	.6582 35.85%	331.99

Vehicle

			Avg Retest	Retest	: #1	Rete	st #2	Rete	st #3	Rete	st #4	Retest	>= #5
ear	Type	Total	#		ĺ		ĺ		ĺ		ĺ		
				Count	Goal	Count	Goal	Count	Goal	Count	Goal	Count	Goa
982	LDGV	153	1.8	84	51	27	8	15	5	12	4	15	6
				54.90%		17.65%	29.63%	9.80%	33,33%	7.84%	33.33%	9.80%	40.00
982	LDGT1	137	1.8	73	44	31	18	13	6	7	2	13	4
				53.28%		22.63%	58.06%	9.49%	46.15%		28,57%	9.49%	30.7
982	LDGT2	78	2.0	37	17		9	9	1	8	3	7	3
				47.44%		21.79%		11.54%	11.11%		37.50%	8.97%	42.8
	Total	368	1.8	194	112	75	35	37	12	27	9	35	13
				52.72%	57.73%	20.38%	46.67%	10.05%	32.43%	7.34%	33.33%	9.51%	37.1
.983	LDGV	245	1.7	121	65	52	15	32	9	18	7	22	3
				49.39%		21.22%		13.06%		7.35%		8.98%	13.6
983	LDGT1	199	1.6	115	64	39	22	19	7	10	5	16	1
				57.79%	55.65%	19.60%	56.41%	9.55%	36.84%	5.03%	50.00%	8.04%	6.2
983	LDGT2	164	1.9	87	54	28	9	18	9	9	3	22	5
				53.05%	62.07%	17.07%	32.14%	10.98%	50.00%	5.49%	33.33%	13.41%	22.7
	Total	608	1.7	323							15		9
				53.13%	56.66%	19.57%	38.66%	11.35%	36.23%	6.09%	40.54%	9.87%	15.0
.984	LDGV	482	1.6	270	157	98	45	48	17	29	13	37	5
				56.02%	58.15%	20.33%	45.92%	9.96%	35.42%	6.02%	44.83%	7.68%	13.5
984	LDGT1	388	1.7	220	125	85	32	43	18	18	9	22	8
				56.70%	56.82%	21.91%	37.65%	11.08%	41.86%	4.64%	50,00%	5.67%	36.3
984	LDGT2	304	1.8	156	83	65	25	33	10	21	6	29	8
				51.32%	53.21%	21.38%	38.46%	10.86%	30.30%	6.91%	28.57%	9.54%	27.5
	Total	1174	1.7	646	365		102	124	45	68	28		21
				55.03%	56.50%	21.12%	41.13%	10.56%	36.29%	5.79%	41.18%	7.50%	23.8
985	LDGV	607	1.8	312	162	138	53	63	17	36	14	58	13
				51.40%	51.92%	22.73%	38.41%	10.38%	26.98%	5.93%	38.89%	9.56%	22.4
985	LDGT1	486	1.8	268	150	105	45	49	16	30	14	34	11
				55.14%	55.97%	21.60%	42.86%	10.08%	32.65%	6.17%	46.67%	7.00%	32.3
985	LDGT2	314	2.0	159	73	66	26	33	14	20	4	36	11
				50.64%	45.91%	21.02%	39.39%	10.51%	42.42%	6.37%	20.00%	11.46%	30.5
	Total	1407	1.8	739		309	124	145	47	86	32	128	35
				52.52%	52.10%	21.96%	40.13%	10.31%	32.41%	6.11%	37.21%	9.10%	27.3
986	LDGV	678	1.8	382					33		13	55	18
				56.34%						5.46%			32.

Vehicle

			Avg Retest		#1	Rete	st #2	Rete	st #3	Rete	st #4	Retest	>= #5
ear	Type	Total	#				!						
			,	Count	Goal		Goal	Count	Goal	Count	Goal		Goal
.986	LDGT1	546	1.5	347	226	101	48	45	18	21	7	32	11
				63.55%	65.13%	18.50%	47.52%	8.24%	40.00%	3.85%	33.33%		34.38%
986	LDGT2	357	1.9	173	74	91	33	49	23	22	7	22	7
				48,46%	42.77%	25.49%	36.26%	13.73%	46.94%	6.16%	31.82%	6.16%	31.82%
	Total	1581	1.7	902	522				74		27	109	36
				57.05%	57.87%	20.37%	42.243	10.63%	44.05%	5.06%	33.75%	6.89%	33.03%
987	LDGV	736	1.9	392	217	149	64	81	31	43	12	71	25
				53.26%		20.24%		11.01%	38.27%		27.91%		35.21%
987	LDGT1	565	1.6	339	215	111	49	56	25	32	10	27	11
				60.00%		19.65%		9.91%	44.64%		31.25%	4.78%	40.74%
987	LDGT2	222	1.9	115	59		30	22	11	9	5	20	6
				51.86%		25.23%		9.91%	50.00%	4.05%	55.56%		30.00%
	Potal	1523	1.8	846	491	316	143	159	67	84	27	118	42
				55.55%	58.04%	20.75%			42.14%				35.59%
988	LDGV	886	1.7	512	326	154	62	93	27	53	19	74	25
				57.79%	63.67%	17.38%	40.26%	10.50%	29.03%	5.98%	35.85%	8.35%	33.78
988	LDGT1	875	1.8	474	270	192	87	88	32	49	19	72	28
				54.17%	56.96%	21.94%	45.31%	10.06%	36.36%	5.60%	38.78%	8.23%	38.891
988	LDGT2	340	1.6	200	129	61	27	30	4	22	10	27	8
				58.82%	64.50%	17.94%	44.26%	8.82%	13.33%	6.47%	45.45%	7.94%	29.631
	Total	2101	1.7	1186		407			63		48		61
				56.45%	61.13%	19.37%	43.24%	10.04%	29.86%	5.90%	38.71%	8.23%	35.26%
1989	LDGV	999	1.7	588		197	91	90		56		68	23
				58.86%	60.71%	19.72%	46.19%	9.01%	32.22%	5.61%	41.07%	6.81%	33.82%
989	LDGT1	861	1.7	500	305	169	70	91	39	49	19	52	17
				58.07%	61.00%	19.63%	41.42%	10.57%	42.86%	5.69%	38.78%	6.04%	32.69%
989	LDGT2	397	1.7	236	148	71	28	42	16	23	9	25	11
				59.45%	62.71%	17.88%	39.44%	10.58%	38.10%	5.79%	39.13%	6.30%	44.00
	Total	2257	1.7	1324	810		189	223	84		51	145	51
				58.66%	61.18%	19.36%	43.25%	9.88%	37.67%	5.67%	39.84%	6.42%	35.17%
990	LDGV	1526	1.6	923	553	303	140	154	54	73	35	73	26
				60.48%	59.91%	19.86%	46.20%	10.09%	35.06%	4.78%	47.95%	4.78%	35.62%
990	LDGT1	868	1.6	547	357	181	87	80	40	35	18	25	13
				63.02%		20.85%	48.07%	9.22%	50.00%	4.03%	51.43%	2.88%	52.00%

Vehicle

			Avg Retest	Retes	t #1	Rete	st #2	Rete	st #3	Rete	st #4	Retest	>= \$5
fear	Type	Total	#						l				
				Count	Goal	Count	Goal	Count	Goal	Count	Goal	Count	Goa
1990	LDGT2	439	1.7	250	157	86	36	47	18	27	14	29	10
				56.95%	62.80%	19.59%	41.86%	10.71%	38.30%	6.15%	51.85%	6.61%	34.48
	Total	2833	1.6	1720	1067	570	263	281	112	135	67	127	49
				60.71%	62.03%	20.12%	46.14%	9.92%	39.86%	4.77%	49.63%	4.48%	38.58
1991	LDGV	1963	1.7	1106	621	427	169	223	107	87	37	120	39
				56.34%	56.15%	21.75%	39.58%	11.36%	47.98%	4.43%	42.53%	6.11%	32,50
1991	LDGT1	1051	1.6	644	403	212	98	96	48	43	18	56	22
				61.27%	62.58%	20.17%	46.23%	9.13%	50.00%	4.09%	41.86%	5.33%	39.29
1991	LDGT2	469	1.8	254	131	101	45	50	21	32	16	32	11
				54.16%	51.57%	21.54%	44.55%	10.66%	42.00%	6.82%	50.00%	6.82%	34.38
	Total	3483	1.7	2004	1155	740	312	369	176	162	71	2 0 8	72
				57.54%	57.63%	21,25%	42.16%	10.59%	47.70%	4.65%	43.83%	5.97%	34.62
1992	LDGV	2259	1.6	1373	806	471	228	216	73	115	47	84	44
				60.78%	58.70%	20.85%	48.41%	9.56%	33.80%	5.09%	40.87%	3.72%	52.38
1992	LDGT1	977	1.5	637	445	177	86	79	30	40	17	44	17
				65.20%	69.86%	18.12%	48.59%	8.09%	37.97%	4.09%	42.50%	4.50%	38.64
1992	LDGT2	761	1.9	385	193	171	65	96	33	52	21	57	21
				50.59%	50.13%	22.47%	38.01%	12.61%	34.38%	6.83%	40.38%	7.49%	36.84
	Total	3997	1.6	2395	1444	819	379	391	136	207	85	185	82
				59.92%	60.29%	20.49%	46.28%	9.78%	34.78%	5.18%	41.06%	4.63%	44.32
1993	LDGV	2345	1.6	1409	847	492	231	228	112	92	38	124	45
				60.09%	60.11%		46.95%	9.72%	49.12%	3.92%	41.30%	5.29%	36.29
1993	LDGT1	1193	1.5	780	525	230	121	103	54	45	24	35	15
				65.38%	67.31%	19.28%	52.61%	8.63%	52.43%	3.77%	53.33%	2.93%	42.86
1993	LDGT2	836	1.9	434	254		69	92	33	57	15	85	30
				51.91%	58.53%	20.10%	41.07%	11.00%	35.87%	6.82%	26.32%	10.17%	35.29
	Total	4374	1.6	2623	1626	890	421	423	199	194	77	244	90
				59.97%	61.99%	20.35%	47.30%	9.67%	47.04%	4.44%	39.69%	5.58%	36.89
1994	LDGV	2393	1.6	1382	830	482	211	248	100	117	45	164	42
				57.75%	60.06%	20.14%	43.78%	10.36%	40.32%	4.89%	38.46%	6.85%	25.61
1994	LDGT1	1772	1.6	1085	687	365	172	161	79	71	31	90	37
				61.23%	63.32%	20.60%		9.09%	49.07%	4.01%	43.66%	5.08%	41.11
1994	LDGT2	1460	2.0	708	355		140	175	60	114	41	143	56
				48.49%		21.92%		11.99%	34.29%	7.81%	35.96%	9.79%	39.16

Vehicle

Total 5625 1.7		1	Avg Retest	Retes	t # 1	Rete	st #2	Rete	st #3	Rete	st #4	Retest	>= #5
Total 5625 1.7 3175 1872 1167 523 584 239 302 117 397 56.444 58.964 20.754 44.824 10.188 40.924 5.374 38.744 7.064 1995 LDCV 3072 1.7 1799 1104 617 273 284 1114 152 50 220 58.564 61.374 20.083 44.254 9.244 40.144 4.954 32.893 7.165 1995 LDCV 1 58.564 61.374 20.083 44.254 9.244 40.144 4.954 32.893 7.165 1995 LDCV 1 620 1.9 843 458 343 147 196 73 109 34 309 129 12000 1 620 1.9 843 458 343 147 196 73 109 36 129 129 120 1620 1.7 3730 2265 1315 582 649 257 354 129 438 13.383 7.965 129 129 120 1620 1.7 3730 2265 1315 582 649 257 354 129 438 157.514 60.724 20.272 44.264 10.014 39.603 5.464 6.752 129 129 120 120 1768 1.4 1222 983 281 129 127 50 64 33 74 4.544 6.753 1996 LDCV 2422 1.5 1573 1097 430 191 205 87 104 39 110 69.124 73.904 15.904 15.104 79.004 15.000 15	ear Type	Total	#						ļ		1		
1995 LDCV 3072 1.7 1799 1104 617 273 284 114 152 50 220 58.56% 61.37% 20.08% 44.25% 9.24% 40.14% 4.95% 32.99% 7.16% 1995 LDCT1 1794 1.6 1088 703 355 162 169 70 93 43 89 1995 LDCT2 150 1.9 843 458 343 147 196 73 109 36 129 120				Count	Goal	Count	Goal	Count	Goal	Count	Goal	Count	Goal
995 LDGV 3072 1.7 1799 1104 617 273 284 114 152 50 220 58.56\$ 61.37\$ 20.06\$ 44.25\$ 9.24\$ 40.14\$ 4.95\$ 32.89\$ 7.16\$ 995 LDGV1 1794 1.6 1088 703 355 162 169 70 93 43 89 995 LDGV2 1620 1.9 843 458 343 147 195 73 169 36 129 52.04\$ 54.33\$ 21.17\$ 42.66\$ 12.10\$ 37.24\$ 6.73\$ 33.03\$ 7.96\$ Total 6486 1.7 3730 2265 1315 582 649 257 354 129 438 57.51\$ 60.72\$ 28.27\$ 44.26\$ 10.01\$ 39.60\$ 5.46\$ 36.44\$ 6.75\$ 996 LDGV 2422 1.5 1573 1097 430 191 205 87 104 39 110 64.95\$ 69.74\$ 17.75\$ 44.42\$ 8.46\$ 42.44\$ 4.29\$ 37.50\$ 4.54\$ 996 LDGV1 1768 1.4 1222 983 281 129 127 60 64 33 74 69.12\$ 73.90\$ 1129 127 60 66 64 33 74 69.12\$ 73.90\$ 11.8 93 45.91\$ 7.18\$ 47.24\$ 3.62\$ 51.56\$ 4.19\$ 996 LDGV1 2923 1.4 600 441 169 93 73 22 40 11 41 65.01\$ 68.50\$ 18.31\$ 55.03\$ 7.91\$ 30.14\$ 4.33\$ 27.50\$ 4.44\$ Total 5113 1.5 3395 2411 880 413 405 169 200 83 22.55 66.40\$ 71.02\$ 17.21\$ 46.93\$ 7.92\$ 41.73\$ 4.07\$ 39.90\$ 4.40\$ 997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 997 LDGV 2500 1.5 1598 1145 423 206 195 74 101 45 103 697 LDGV 2491 1.5 1598 1145 423 206 195 74 101 45 103 697 LDGV 2500 1.5 1598 1145 423 206 195 74 101 45 103 697 LDGV 2500 1.5 1598 1145 423 206 195 74 101 45 103 697 LDGV 2500 1.5 1598 1145 423 206 195 74 101 45 103 60.01\$ 71.62\$ 17.16\$ 16.60\$ 44.10\$ 7.84\$ 45.43\$ 3.76\$ 45.74\$ 5.08\$ 997 LDGV 2500 1.5 1598 1145 423 206 195 74 101 45 103 65.55\$ 70.66\$ 17.47\$ 48.70\$ 4.93\$ 49.50\$ 4.14\$ 35.56\$ 5.61\$ Total 6009 1.5 1399 129 1206 444 493 215 240 104 291 65.55\$ 70.66\$ 17.41\$ 46.27\$ 8.20\$ 43.61\$ 3.99\$ 43.33\$ 4.84\$ Total 6009 1.5 1335 126 339 1791 1046 484 493 215 240 104 291 65.75\$ 70.66\$ 17.41\$ 46.27\$ 8.20\$ 43.61\$ 3.99\$ 43.33\$ 4.84\$ 998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71\$ 71.31\$ 16.44\$ 44.12\$ 8.14\$ 38.36\$ 4.20\$ 42.48\$ 5.50\$ 69.18\$ 74.22\$ 16.48\$ 46.97\$ 7.74\$ 41.29\$ 3.80\$ 52.63\$ 2.80\$ 998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 65.71\$ 71.31\$ 16.44\$ 44.12\$ 8.14\$ 38.36\$ 4.20\$ 42.48\$ 5.50\$ 69.18\$ 74.22\$ 16.48\$ 46.97\$ 7.74\$ 41.29\$ 3.80\$ 52.63\$ 2.80\$	Total	5625	1.7	3175	1872	1167	523	584	239	302	117	397	135
995 LDCT1 1794 1.6 1888 783 355 162 169 70 93 43 89 7.168 995 LDCT2 1620 1.9 843 458 343 147 156 73 189 36 129 52.048 54.338 21.178 42.868 12.108 37.248 6.738 33.038 7.968 7.168 1.9 86.728 20.278 44.268 12.108 37.248 6.738 33.038 7.968 7.168 1.9 86.728 20.278 44.268 12.108 37.248 6.738 33.038 7.968 1.000 2 2422 1.5 1573 1097 430 191 205 87 104 39 110 64.958 64.958 69.728 20.278 44.268 10.018 39.608 5.468 36.448 6.758 10.000 117.000 117.000 11.0000 11.000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11				56.44%	58.96%	20.75%	44.82%	10.38%	40.92%	5.37%	38.74%	7.06%	34.61%
1995 LDGT1 1794 1.6 1088 763 355 162 169 70 93 43 89 1995 LDGT2 1620 1.9 843 458 343 147 196 73 1099 36 129 1995 LDGT2 1620 1.9 843 458 343 147 196 73 1099 36 129 1067 52.04% 54.33% 21.17% 42.86% 12.10% 37.24% 67.3% 33.03% 7.96% 1068 1.7 3730 2265 1315 582 649 257 354 129 438 1076 1.5 1573 1097 430 191 205 87 104 39 110 1076 64.95% 69.72% 20.27% 44.26% 10.01% 39.60% 5.46% 36.44% 6.75% 1076 1.6 1.4 1222 903 281 129 127 50 64 33 74 1076 65.12% 73.90% 15.89% 45.91% 71.10% 47.24% 3.62% 51.56% 4.19% 1076 1.4 600 411 169 93 73 22 40 11 41 1076 65.01% 66.50% 18.31% 55.03% 7.91% 30.14% 4.33% 27.50% 4.44% 1076 1.5 1573 1977 415 183 196 169 208 83 225 1077 LDGT1 250 1.5 1668 1197 415 183 196 91 94 43 27 1077 LDGT2 1088 1.5 66.01% 71.02% 17.21% 46.93% 7.92% 41.73% 4.07% 39.90% 4.40% 1077 LDGT2 1088 1.5 66.01% 71.62% 17.47% 48.70% 37.76% 4.11% 4.55% 4.25% 1078 LDGT2 2689 1.5 1668 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 1078 LDGT2 2689 1.5 1767 1260 442 195 219 84 113 48 148 1078 LDGT1 2002 1.4 1385 1028 330 155 155 54 7.44 41.29% 3.80% 5.26% 5.6% 1098 LDGT1 2002 1.4 1385 1028 330 155 155 54 7.44 41.27% 5.6	995 LDGV	3072	1.7	1799	1104	617	273	284	114	152	50	220	73
				58.56%	61.37%	20.08%	44.25%	9.24%	40.14%	4.95%	32.89%	7.16%	33.18%
995 LDGT2 1620 1.9 843 458 343 147 196 73 109 36 129 52.04\(1) 54.33\(1) 21.17\(1) 42.86\(1) 12.10\(1) 37.24\(1) 6.73\(1) 33.03\(1) 7.96\(1) \) Total 6486 1.7 3730 2265 1315 562 649 257 354 129 438 57.51\(1) 60.72\(1) 20.27\(1) 44.26\(1) 10.01\(1) 39.60\(1) 5.46\(1) 36.44\(1) 6.75\(1) \) 996 LDGV 2422 1.5 1573 1097 430 191 205 87 104 39 110 64.95\(1) 69.74\(1) 17.75\(1) 44.42\(1) 8.46\(1) 42.44\(1) 42.43\(1) 4.29\(1) 37.50\(1) 4.54\(1) 996 LDGT1 1768 1.4 1222 90.3 281 129 127 60 64 33 74 69.12\(1) 99.3 73 73 22 40 11 41 69.12\(1) 93.90\(1) 1.50\(1) 893 45.91\(1) 7.18\(1) 47.24\(1) 36.56\(1) 51.56\(1) 4.19\(1) 41 169 93 73 22 40 11 41 65.01\(1) 68.50\(1) 18.31\(1) 55.03\(1) 7.91\(1) 30.14\(1) 4.33\(1) 27.50\(1) 4.44\(1) 41 169 93 7.3 22 40 11 41 65.01\(1) 68.50\(1) 18.31\(1) 55.03\(1) 7.91\(1) 30.14\(1) 4.33\(1) 27.50\(1) 4.44\(1) 40\(1	995 LDGT1	1794	1.6	1088	703	355	162	169	70	93	43	89	34
Total 6486 1.7 3730 2265 1315 582 669 257 354 129 438 57.518 60.728 20.278 44.268 10.018 39.608 5.468 36.448 6.758 396 LDGV 2422 1.5 1573 1697 430 191 205 87 104 39 110 64.958 69.748 17.758 44.428 8.468 42.448 4.298 37.508 4.548 396 LDGT1 1768 1.4 1222 903 281 129 127 60 64 33 74 69.128 73.908 15.898 45.918 7.188 47.248 3.628 51.568 4.198 396 LDGT2 923 1.4 600 411 169 93 73 22 40 11 41 65.018 68.508 18.318 55.038 7.918 30.148 4.338 27.508 4.448 Total 5113 1.5 3395 2411 880 413 405 169 208 83 225 66.408 71.028 17.218 46.938 7.928 41.738 4.078 39.908 4.408 397 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.728 71.768 16.608 44.108 7.848 46.438 3.768 45.748 5.008 397 LDGT 12421 1.5 1598 1145 423 206 196 74 101 45 103 66.018 71.658 17.478 48.708 8.108 37.768 4.178 44.558 4.258 397 LDGT 2600 1.5 1668 1197 415 183 196 91 94 43 127 66.728 71.768 16.608 44.108 7.848 46.438 3.768 45.748 5.008 397 LDGT 2600 1.5 1568 1197 415 183 196 91 94 43 127 66.728 71.768 16.608 44.108 7.848 46.438 3.768 45.748 5.008 397 LDGT 2600 1.5 1568 1197 415 183 196 91 94 43 127 66.728 71.768 16.608 44.108 7.848 46.438 3.768 45.748 5.008 398 LDGT 2600 1.5 17.478 48.708 8.108 37.768 4.178 44.558 4.258 3998 LDGT 2600 1.5 1767 1260 442 195 219 84 113 48 148 5098 LDGT 2600 1.4 1385 1628 330 155 155 64 76 40 56 69.188 74.228 16.488 44.128 8.148 38.368 4.208 42.488 5.508 398 LDGT 2600 1.4 1385 1628 330 155 155 64 76 40 56 69.188 74.228 16.488 44.128 8.148 38.368 4.208 42.488 5.508 3998 LDGT 2600 1.4 1385 1628 330 155 155 64 76 40 56 69.188 74.228 16.488 44.128 8.148 38.368 4.208 42.488 5.508 398 LDGT 2600 1.5 645 429 194 91 87 441 39 15 48				60.65%	64.61%	19.79%	45.63%	9.42%	41.42%	5.18%			38.20%
Total 6486 1.7 3730 2265 1315 582 649 257 354 129 438 57.518 60.728 20.278 44.268 10.018 39.608 5.468 36.448 6.758 3996 LDGV 2422 1.5 1573 1097 430 191 205 87 104 39 110 64.958 69.748 17.758 44.428 8.468 42.448 4.298 37.508 4.548 3996 LDGT1 1768 1.4 1222 903 281 129 127 60 64 33 74 69.128 73.908 15.898 45.918 71.188 47.248 3.628 51.568 4.198 3996 LDGT2 923 1.4 600 411 169 93 73 22 40 11 41 65.018 68.508 18.318 55.038 7.918 30.148 4.338 27.508 4.448 Total 5113 1.5 3395 2411 880 413 405 169 208 83 225 66.408 71.028 17.218 46.938 7.928 41.738 4.078 39.908 4.408 3997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.728 71.768 16.608 44.108 7.848 46.438 3.768 45.748 5.808 3997 LDGT1 2421 1.5 1590 1145 423 206 196 74 101 45 103 66.018 71.658 17.478 48.708 8.108 37.768 4.178 44.558 4.258 3997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 61.868 66.728 19.128 45.678 9.288 49.508 4.148 35.568 5.618 Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.558 70.868 17.418 46.278 8.208 43.618 3.998 43.338 4.868 3998 LDGT1 2601 1.4 1385 1028 330 155 155 64 76 40 56 3998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.188 74.228 16.408 44.128 8.148 38.368 4.208 42.408 5.608 3998 LDGT1 2003 1.5 645 429 194 91 87 41 39 15 48	995 LDGT2	1620	1.9	843	458	343	147	196	73	109	36	129	52
996 LDGV 2422 1.5 1573 1097 430 191 205 87 104 39 110 64.95% 69.74% 17.75% 44.42% 8.46% 42.44% 4.29% 37.50% 4.54% 996 LDGT1 1768 1.4 1222 903 281 129 127 60 64 33 74 69.12% 73.90% 15.83% 45.91% 7.18% 47.24% 3.62% 51.56% 4.19% 996 LDGT2 923 1.4 600 411 169 93 73 22 40 11 41 65.01% 68.50% 18.31% 55.03% 7.91% 30.14% 4.33% 27.50% 4.44% Total 5113 1.5 3395 2411 880 413 405 169 208 83 225 66.40% 71.02% 17.21% 46.93% 7.92% 41.73% 4.07% 39.90% 4.40% 997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.72% 71.76% 16.60% 44.10% 7.84% 46.43% 3.76% 45.74% 5.08% 997 LDGT1 2421 1.5 1598 1145 423 206 196 74 101 45 103 997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 66.01% 71.65% 17.47% 48.70% 8.10% 37.76% 4.17% 44.55% 4.25% 997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% Total 6009 1.5 33939 2791 1046 484 493 215 240 104 291 65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 998 LDGT1 2003 1.5 665 429 194 91 87 41 39 15 48				52.04%	54.33%	21.17%	42.86%	12.10%	37.24%	6.73%	33.03%	7.96%	40.31%
996 LDCV 2422 1.5 1573 1097 430 191 205 87 104 39 110 64.95% 69.74% 17.75% 44.42% 8.46% 42.44% 4.29% 37.50% 4.54% 996 LDCT1 1768 1.4 1222 903 281 129 127 60 64 33 74 69.12% 73.90% 15.89% 45.91% 7.18% 47.24% 3.62% 51.56% 4.19% 996 LDCT2 923 1.4 600 411 169 93 73 22 40 11 41 65.01% 68.50% 18.31% 55.03% 7.91% 30.14% 4.33% 27.50% 4.44% Total 5113 1.5 3395 2411 880 413 405 169 208 83 225 66.40% 71.02% 17.21% 46.93% 7.92% 41.73% 4.07% 39.90% 4.40% 997 LDCV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.72% 71.76% 16.60% 44.10% 7.84% 46.43% 3.76% 45.74% 5.08% 997 LDCT1 2421 1.5 1598 1145 423 206 196 74 101 45 103 66.01% 71.65% 17.47% 48.70% 8.10% 37.76% 4.17% 44.55% 4.25% 997 LDCT2 1088 1.5 673 449 208 95 101 50 45 16 61 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 998 LDCT 2689 1.5 1767 1260 442 195 219 84 113 48 148 998 LDCT 2689 1.5 1767 1260 442 195 219 84 113 48 148 998 LDCT 2689 1.5 1767 1260 442 195 219 84 113 48 148 998 LDCT 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 998 LDCT 2003 1.5 645 429 194 91 87 41 39 15 48	Total	6486	1.7										159
996 LDGT1 1768 1.4 1222 993 281 129 127 60 64 33 74 996 LDGT2 923 1.4 600 411 169 93 73 22 40 11 41 65.01% 68.50% 18.31% 55.03% 7.91% 30.14% 4.33% 27.50% 4.44% Total 5113 1.5 3395 2411 880 413 405 169 208 83 225 66.40% 71.02% 17.21% 46.93% 7.92% 41.73% 4.07% 39.90% 4.40% 997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.72% 71.76% 16.60% 44.10% 7.84% 46.43% 3.76% 45.74% 5.08% 997 LDGT1 2421 1.5 1598 1145 423 206 196 74 101 45 103 66.01% 71.65% 17.47% 48.70% 8.10% 37.76% 4.17% 44.55% 4.25% 997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.75% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48				57.51%	60.72%	20.27%	44.26%	10.01%	39.60%	5.46%	36,44%	6.75%	36.30%
1768 1.4 1222 993 281 129 127 60 64 33 74	996 LDGV	2422	1,5	1573	1097	430	191	205	87	104	39	110	46
1996 LDGT1 1768 1.4 1222 993 281 129 127 60 64 33 74 1996 LDGT2 923 1.4 680 411 169 93 73 22 40 11 41 165 118 68.50% 18.31% 55.03% 7.91% 30.14% 4.33% 27.50% 4.44% Total 5113 1.5 3395 2411 880 413 405 169 208 83 225 66.40% 71.02% 17.21% 46.93% 7.92% 41.73% 4.07% 39.90% 4.40% 1997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.72% 71.76% 16.60% 44.10% 7.84% 46.43% 3.76% 45.74% 5.08% 1997 LDGT1 2421 1.5 1598 1145 423 206 196 74 101 45 103 1997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 161.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 1998 LDGT1 2002 1.4 1335 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 1998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48					69.74%	17.75%	44.42%	8.46%	42.44%	4.29%	37.50%	4.54%	41.82%
996 LDGT2 923 1.4 600 411 169 93 73 22 40 11 41 Total 5113 1.5 3395 2411 880 413 405 169 208 83 225 66.40% 71.02% 17.21% 46.93% 7.92% 41.73% 4.07% 39.90% 4.40% 997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.72% 71.76% 16.60% 44.10% 7.84% 46.43% 3.76% 45.74% 5.08% 997 LDGT1 2421 1.5 1598 1145 423 206 196 74 101 45 103 66.01% 71.65% 17.47% 48.70% 8.10% 37.76% 4.17% 44.55% 4.25% 997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48	996 LDGT1	1768	1.4		903	281	129		60	64	33	74	25
Total 5113 1.5 3395 2411 880 413 405 169 208 83 225 66.40% 71.02% 17.21% 46.93% 7.92% 41.73% 4.07% 39.90% 4.40% 997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.72% 71.76% 16.60% 44.10% 7.84% 46.43% 3.76% 45.74% 5.08% 997 LDGT1 2421 1.5 1598 1145 423 206 196 74 101 45 103 66.01% 71.65% 17.47% 48.70% 8.10% 37.76% 4.17% 44.55% 4.25% 997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 99.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48				69.12%	73.90%	15.89%	45.91%	7.18%	47.24%	3.62%	51.56%	4.19%	33.78%
Total 5113 1.5 3395 2411 880 413 405 169 208 83 225 66.40% 71.02% 17.21% 46.93% 7.92% 41.73% 4.07% 39.90% 4.40% 997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.72% 71.76% 16.60% 44.10% 7.84% 46.43% 3.76% 45.74% 5.00% 997 LDGT1 2421 1.5 1598 1145 423 206 196 74 101 45 103 66.01% 71.65% 17.47% 48.70% 8.10% 37.76% 4.17% 44.55% 4.25% 997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.55% 70.86% 17.41% 46.27% 8.20% 43.51% 3.99% 43.33% 4.84% 998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48	996 LDGT2	923	1.4	600	411	169	93	73	22	40	11	41	16
1997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127				65.01%	68.50%	18.31%	55.03%	7.91%	30.14%	4.33%	27.50%	4.44%	39.02%
1997 LDGV 2500 1.5 1668 1197 415 183 196 91 94 43 127 66.72% 71.76% 16.60% 44.10% 7.84% 46.43% 3.76% 45.74% 5.08% 1.997 LDGT1 2421 1.5 1598 1145 423 206 196 74 101 45 103 66.01% 71.65% 17.47% 48.70% 8.10% 37.76% 4.17% 44.55% 4.25% 1.997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 61 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% 1.5 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% 1.5 65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 1.998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 1.998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 1.998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48	Total	5113	1.5										87
1997 LDGT1 2421 1.5 1598 1145 423 206 196 74 101 45 103				66.40%	71.02%	17.21%	46.93%	7.92%	41.73%	4.07%	39.90%	4.40%	38.67%
1997 LDGT1	997 LDGV	2500	1.5	1668	1197	415	183	196	91	94	43	127	41
1997 LDGT2 1088 1.5 66.01% 71.65% 17.47% 48.70% 8.10% 37.76% 4.17% 44.55% 4.25% 1997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 61 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% 1911 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 1998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 1998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 1998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48				66.72%	71.76%	16.60%	44.10%	7.84%	46.43%	3.76%	45.74%	5.08%	32.28%
997 LDGT2 1088 1.5 673 449 208 95 101 50 45 16 61 61 61.86% 66.72% 19.12% 45.67% 9.28% 49.50% 4.14% 35.56% 5.61% Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48	997 LDGT1	2421	1.5	1598	1145	423	206	196	74	101	45	103	40
Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 1.998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 1.998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 1.998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48				66.01%	71.65%	17.47%	48.70%	8.10%	37.76%	4.17%	44.55%	4.25%	38.83
Total 6009 1.5 3939 2791 1046 484 493 215 240 104 291 65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48	997 LDGT2	1088	1.5	673	449	208	95	101	50	45	16	61	21
65.55% 70.86% 17.41% 46.27% 8.20% 43.61% 3.99% 43.33% 4.84% 1.998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 1.998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 1.998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48				61.86%	66.72%	19.12%	45.67%	9.28%	49.50%	4.14%	35.56%	5.61%	34.43%
1.998 LDGV 2689 1.5 1767 1260 442 195 219 84 113 48 148 65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 1.998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 1.998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48	Total	. 6009	1.5										102
65.71% 71.31% 16.44% 44.12% 8.14% 38.36% 4.20% 42.48% 5.50% 1998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 1998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48				65.55%	70.86%	17.41%	46.27%	8.20%	43.61%	3.99%	43.33%	4.84%	35.05%
998 LDGT1 2002 1.4 1385 1028 330 155 155 64 76 40 56 69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 1998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48	998 LDGV	2689	1.5	1767	1260	442	195	219	84	113	48	148	45
69.18% 74.22% 16.48% 46.97% 7.74% 41.29% 3.80% 52.63% 2.80% 998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48				65.71%	71.31%	16.44%	44.12%	8.14%	38.36%	4.20%	42.48%	5.50%	30.41%
998 LDGT2 1013 1.5 645 429 194 91 87 41 39 15 48	998 LDGT1	2002	1.4	1385	1028	330	155	155		76	40	56	26
				69.18%	74.22%	16.48%	46.97%	7.74%	41.29%	3.80%	52,63%	2.80%	46.43%
63.67% 66.51% 19.15% 46.91% 8.59% 47.13% 3.85% 38.46% 4.74%	998 LDGT2	1013	1.5	645	429	194	91	87	41	39	15	48	19
				63.67%	66.51%	19.15%	46.91%	8.59%	47.13%	3.85%	38.46%	4.74%	39.58%
Total 5704 1.5 3797 2717 966 441 461 189 228 103 252	Total	5704	1.5										90
66.57% 71.56% 16.94% 45.65% 8.08% 41.00% 4.00% 45.18% 4.42%				66.57%	71.56%	16.94%	45.65%	8.08%	41.00%	4.00%	45.18%	4.42%	35.71%

Beginning Date:01-JAN-2010Ending Date:31-DEC-2010

		ļ	Avg Retest	Retest	t #1	Rete	st #2	Rete	st #3	Rete	st #4	Retest	>= #5
ear	Type	Total	#				1		ļ		l		
				Count	Goal	Count	Goal	Count	Goal	Count	Goal	Count	Goa
1999	LDGV	2650	1.4	1853	1372	412	219	180	81	98	45	107	39
				69.92%		15.55%	53.16%		45.00%		45.92%		36.45
1999	LDGT1	1862	1.4	1304	984	299	154	127	53	67	32	65	25
				70.03%		16.06%	51.51%		41.73%		47.76%		38.4
1999	LDGT2	1257	1.6	771	490	254	122	111	50	55	18	66	27
				61.34%		20.21%		8.83%		4.381			40.9
	Total	5769	1.4	3928	2846	965	495	418	184	220	95	238	91
				68.09%	72.45%	16.73%	51.30%	7.25%	44.02%	3.81%	43.18%	4.13%	38.2
2000	LDGV	2792	1.4	1986	1505	411	194	194	83	96	40	105	35
				71.13%		14.72%	47.20%	6.95%	42.78%	3.44%	41.67%	3.76%	33.3
000	LDGT1	1559	1.3	1203	1013	172	86	79	28	44	15	61	21
				77.16%	84.21%	11.03%	50.00%	5.07%	35.44%	2.82%	34.09%	3.91%	34.4
2000	LDGT2	694	1.4	499	380	108	52	50	27	19	8	18	8
				71.90%	76.15%	15.56%	48.15%	7.20%	54.00%	2.74%	42.11%	2.59%	44.4
	Total	5045	1.3	3688	2898	691	332	323	138	159			64
				73.10%	78.58%	13.70%	48.05%	6.40%	42.72%	3.15%	39.62%	3.65%	34.7
2001	LDGV	1679	1.3	1234	961	246	138	99	42	46	20	54	20
				73.50%	77.88%	14.65%	56.10%	5.90%	42.42%	2.74%	43.48%	3.22%	37.0
001	LDGT1	1032	1.2	876	778	87	45	35	12	19	12	15	6
				84.88%	88.81%	8.43%	51.72%	3.39%	34.29%	1.84%	63.16%	1.45%	40.0
2001	LDGT2	604	1.2	457	382	67	27	38	18	15	5	27	5
				75.66%	83.59%	11.09%	40.30%	6.29%	47.37%	2.48%	33.33%	4.47%	18.5
	Total	3315	1.3	2567	2121	400	210	172	72	80		96	31
				77.44%	82.63%	12.07%	52.50%	5.19%	41.86%	2.41%	46.25%	2.90%	32.2
2002	LDGV	1460	1.2	1159	974	162	91	74	35	31	14	34	15
				79.38%	84.04%	11.10%	56.17%	5.07%	47.30%	2.12%	45,16%	2.33%	44.1
002	LDGT1	946	1.2	797	702	88	49	32	12	17	10	12	7
				84.25%	88.08%	9.30%	55.68%	3.38%	37.50%	1.80%	58.82%	1.27%	58.3
002	LDGT2	460	1.2	378	329	49	21	24	16	7	6	2	1
				82.17%	87.04%	10.65%	42.86%	5.22%	66.67%	1.52%	85.71%	.43%	50.0
	Total	2866	1.2	2334		299	161	130	63		30		23
				81.44%	85.90%	10.43%	53.85%	4.54%	48.46%	1.92%	54.55%	1.67%	47.9
2003	LDGV	898	1.2	733	633	85	39	38	12	22	9	20	8
				81.63%	86.36%					2.45%			40.0

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			Avg Retest	Retes	t #1	Rete	st #2	Rete	st #3	Reta	st #4	Retest	>= #5
Year	Type	Total	#		1				1		+		
				Count	Goal	Count	Goal	Count	Goal	Count	Goal	Count	Goal
2003	LDGT1	571	1.1	520	491	28	15	13	6	5	2	5	2
				91.07%	94.42%	4.90%	53.57	2.28%	46.15%	.88%	40.00%	.88%	40.00%
2003	LDGT2	272	1.1	232	204	24	13	8	1	5	1	3	1
				85.29%	87.93%	8.82%	54.17%	2.94%	12.50%	1.84%	20.00%	1.10%	33.33%
	Total	1741	1.1	1485		137					12		11
				85.30%	89.43%	7.87%	48.91%	3.39%	32.20%	1.84%	37.50%	1.61%	39.29%
2004	LDGV	1106	1.1	996	930	59	40	19	6	12	6	20	3
				90.05%	93.37%			1.72%	31.58%		50.00%	1.81%	15.00%
2004	LDGT1	789	1.1	728	683	41	24	15	13	2	1	3	1
				92.27%	93.82%	5.20%	58.54%	1.90%	86.67%	. 25%	50.00%	.38%	33.33%
2004	LDGT2	314	1.1	292	276	13	9	4	2	1	8	4	1
				92.99%	94.52%	4.14%	69.23%	1.27%	50.00%	.32%	.00%	1.27%	25.00%
	Total	2209	1.1	2016	1889	113		38	21	15	7		5
				91.26%	93.70%	5.12%	64.60%	1.72%	55.26%	.68%	46.67%	1.22%	18.52%
2005	LDGV	699	1.1	623	578	41	25	16	8	7	3	12	4
				89.13%	92.78%	5.87%	60.98%			1.00%		1.72%	33.33%
2005	LDGT1	310	1.0	299	285	9	6	1	0	1	1	0	0
				96.45%	95.32%	2.90%	66.67%	.32%	.00%	.32%	100.00%	.00%	.00%
2005	LDGT2	138	1.1	121	111	9	4	4	1	2	0	2	2
				87.68%	91.74%	6.52%	44.44%	2.90%	25. 00 %	1.45%	.00%	1.45%	100.00%
	Total	1147	1.1	1043	974			21			4	14	6
				90.93%	93.38%	5.14%	59.32%	1.83%	42.86%	.87%	40.00%	1.22%	42.86%
2006	LDGV	1232			1041	79	60	18	11	6	3	4	2
				91.31%		6.41%	75.95%	1.46%	61.11%	.49%	50.00%	.32%	50.00%
2006	LDGT1	504	1.0	483	465	19	17	2	1	0	0	0	0
				95.83%	96.27%	3.77%	89.47%	. 40%	50.00%	.00%	.00%	\$00.	.00%
2006	LDGT2	200	1.1	189	181	6	3	3	2	1	0	1	1
				94.50%	95.77%	3.00%	50.00%	1.50%	66.67%	.50%	.00%	.50%	100.00%
	Total	1936	1.1	1797	1687	104	80	23	14	7	3	5	3
				92.82%	93.88%	5.37%	76.92%	1.19%	60.87%	.36%	42.86%	.26%	60.00%
2007	LDGV	216	1.1	202	189	10	7	3	1	1	1	0	0
				93.52%	93.56%	4.63%	70.00%	1.39%	33.33%	.46%	100.00%	.00%	.00%
2007	LDGT1	124	1.0	123	122	1	1	0	0	0	0	0	0
				99.19%	99.19%	.81%	100.00%	.00%	.00%	.00%	.00%	.00%	.00%

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Year	Type	Total	Avg Retest	Retes	t #1	Rete	st #2	Rete	st #3	Rete	st #4	Retest	>= #5
				Count	Goal	Count	Goal	Count	Goal	Count	Goal	Count	Goal
2007	LDGT2	59	1.0	57	55	2	2	0	0	0	0	0	0
				96.61%	96.49%	3.39%	100.00%	.00%	.00%	,00%	.00%	.00%	.00%
	Total	399	1.0	382	366	13	10	3	1	1	1	0	0
				95.74%	95.81%	3.26%	76.92%	.75%	33.33%	.25%	100.00%	.00%	.003
2008	LDGV	147	1.0	143	138	4	4	0	0	0	0	0	0
				97.28%	96.50%	2.72%	100.00%	.00%	,00%	.00%	.00%	.00%	.00%
2008	LDGT1	78	1.0	76	74	2	2	0	0	0	0	0	0
				97.44%	97.37%	2.56%	100.00%	.00%	.00%	.00%	.00%	.00%	.00%
2008	LDGT2	37	1.1	33	29	3	2	1	1	0	0	0	0
				89.19%	87.88%	8.11%	66.67%	2.70%	100.00%	.00%	.00%	.00%	.008
	fotal	262	1.0	252	241	9	8	1	1	0	0	0	0
				96.18%	95.63%	3.44%	88.89%	.38%	100.00%	,00%	,00%	.00%	.00%
2009	LDGV	57	1.1	50	45	3	2	1	0	1	0	2	1
				87.72%	90.00%	5.26%	66.67%	1.75%	.00%	1.75%	.00%	3.51%	50.00
2009	LDGT1	15	1.0	15	15	0	0	0	0	0	0	0	0
				100.00%	100.00%	.00%	.00%	.00%	.00%	.00%	.00%	.00%	.00%
2009	LDGT2	9	1.0	9	9	0	0	0	0	0	0	0	0
				100.00%	100.00%	.00%	,00%	.00%	.00%	.00%	.00%	.00%	.00%
	Total	81	1.1	74	69	3	2	1	0	1	0	2	1
				91.36%	93.24%	3.70%	66.67%	1.23%	.00%	1.23%	.00%	2.47%	50.00%
2010	LDGV	3	1.0	3	3	0	0	0	0	0	0	Ø	0
				100.00%	100.00%	,00%	.00%	.00%	.00%	.00%	.00%	.00%	.00%
2010	LDGT1	7	1.4	5	3	2	2	0	0	0	0	0	0
				71.43%	60.00%	28.57%	100.00%	.00%	.00%	.00%	.00%	.00%	.00%
2010	LDGT2	1	1.0	1	1	0	0	0	0	0	0	0	0
				100.00%	100.00%	.00%	.00%	.00%	.00%	,00%	\$00.	.00%	.00%
	Total	11	1.2	9	7	2	2	0	0	0	0	0	0
				81.82%	77.78%	18.18%	100.00%	.00%	.00%	.00%	.00%	.00%	.00%

Beginning Date: 01-JAN-2010 Ending Date: 31-DEC-2010

Year Type	Total	Avg Ret	est	Retes	t #1	Rete	st #2 [Rete	st #3	Rete	st #4	Retest	>= #5
			····	Count	Goal	Count	Goal	Count	Goal	Count	Goal	Count	Goal
Sub	-Totals			01223		51425				51125		33.23	
LDGV	38894	1.	5	25768	18241	6536	3033	3111	1269	1551	628	1928	646
				66.25%	70.79%	16.80%	46.40%	8.00%	40.79%	3.99%	40.49%	4.96%	33.51%
LDGT1	25700	1.	4	17751	13210	4135	1988	1874	805	939	427	1001	382
				69.07%	74.42%	16.09%	48.08%	7.29%	42.96%	3.65%	45.47%	3.89%	38.16%
LOGT2	14830	1,	6	8994	5921	2750	1223	1396	557	754	270	936	341
				60.65%	65.83%	18.54%	44.47%	9.41%	39.90%	5.08%	35.81%	6.31%	36.43%
Overall													
Total	79424	1.	5	52513	37372	13421	6244	6381	2631	3244	1325	3865	1369
				66.12%	71.17%	16.90%	46.52%	8.03%	41.23%	4.08%	40.84%	4.87%	35.421

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Vehicle		Exhaust	Initial Emissions			Pass Init Exhaust E	ial Test Missions			Pass or i Initial Ex	Vaived Rete naust Emiss	st ions
Year Type	Total			Avg NOx (gpm)		Avg HC (gpm)	Avg CO	Avg NOx (gpm)	Total	Avg HC		Avg NOx (gpm)
1982 LDGV	449	1.7763	22.5238	2.1828	375	1.5402	18.8275	2.1391	74	2.9728	41.2548	2.4039
1982 LDGT1	309	3.2012	36,5820	2.5449	83.52% 235 76.05%	2.7935	29.7350	2.5377	16.48% 74 23.95%	4.4959	58.3256	2.5680
1982 LDGT2	107	3.5834	48.3747	2.7838	73 68.22%	2.7156	29.8645	2.9266		5.4465	88.1174	2.4773
Total	865	2.5088	30.7435	2.3865	683 78.96%	2.0970	23.7601	2.3604	182 21.04%	4.0542	56.9502	2.4843
1983 LDGV	497	1.8212	22.3936	1.9414	394	1.3313	16.6062	1.9384		3.6948	44.5318	1.9528
1983 LDGT1	331	3.3855	40.1219	2.6455	79.28% 231 69.79%	2.6972	30.3946	2.6362	20.72% 100 30.21%	4.9755	62.5918	2.6669
1983 LDGT2	190	3.8199	49.1758	2.9900	110 57.89%	2.8064	31.6312	2.8406		5.2135	73.2998	3.1953
Total	1018	2.7029	33.1565	2.3660	735 72.20%	1.9814	23.1883	2.2927	283 27.80%	4.5767	59.0457	2.5564
1984 LDGV	1316	1.5812	18.8310	1.9435	1077 81.84%	1.2332	14.4376	1.8915		3.1490	38.6289	2.1781
1984 LDGT1	881	2.6001	34.0908	2.5469	688	2.2174	26.4220	2.5564		3.9642	61.4284	2.5130
1984 LDGT2	338	3.0743	42.3227	3.3083	78.09% 204 60.36%	2.3386	27.1994	3.3331	21.91% 134 39.64%	4.1942	65.3463	3.2704
Total	2535	2.1343	27.2666	2.3352	1969 77.67%	1.6916	19.9473	2.2732	566 22.33%	3.6744	52.7286	2.5509
1985 LDGV	1366	1.4388	15.7596	1.9846		.9936	11.1432	1.9068	264	3.2974	35.0293	2.3091
1985 LDGT1	1004	2.4119	28.6620	2.7169	8 0. 67% 767	1.9900	22.1068	2.6272		3.7773	49.8765	3.0071
1985 LDGT2	333	3.0097	36.1343	2.9883	76.39% 204 61.26%	2.0253	24.2109	2.7277	23.61% 129 38.74%	4.5664	54.9899	3.4004
Total	2703	1.9938	23.0621	2.3802	2073 76.69%	1.4638	16.4857	2.2541	630 23.31%	3.7378	44.7018	2.7951
1986 LDGV	2346	1.1114	13.3189	1.8395	2004 85.42%	.8859	9.8670	1.8001	342 14.58%	2.4326	33.5461	2.0698

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Vehicle		Exhaust	Initial Emissions				Missions			Pass or V Initial Ext	naust Emiss	st ions
Year Type			Avg CO	Avg NOx		-	Avg CO (gpm)		Total		Avg CO	Avg NOx (gpm)
1986 LDGT1	1734	1.9453	20.6436	2.6078	1421 81.95%	1.6511	16.4905	2.5516	313 18.05%	3.2807	39.4986	2.8627
1986 LDGT2	423	2.3495	30.1025	2.9138		1.7331	18.7419	2.7107		3.5314	51.8834	3.3031
Total	4503	1.5488	17.7161	2.2362	3703 82.23%	1.2432	13.0750	2.1569	800 17.77%	2.9636	39.1986	2.6036
1987 LDGV	2409	1.1043	12.2696	1.7501	2056 85.35%	.8403	9.2111	1.6732	353 14.65%	2.6424	30.0837	2.1980
1987 LDGT1	1678	1.6999	18.6614	2.2349	1363 81.23%	1.4037	14.1127	2.1490	315 18.77%	2.9812	38.3432	2.6063
1987 LDGT2	477	2.1602	19.0174	2.8011		1.6856	13.2974	2.6716		3.7250	37.8777	3.2283
fotal	4564	1.4336	15.3248	2.0382	3785 82.93%	1,1249	11.3713	1.9411	779 17.07%	2.9336	34.5341	2.5099
1988 LDGV	3798	.9619	11.3614	1.5982	3335 87.81%	.7318	8.7782	1.5497	463 12.19%	2.6187	29.9682	1.9478
1988 LDGT1	2591	1.5190	15.9350	2.0979	2153 83.10%	1.2156	12.5952	1.9271	438 16.90%	3.0099	32.3520	2.9379
1988 LDGT2	892	1.7432	14.7634	2.5333	711 79.71%	1.3047	11.6727	2.2981	181 20.29%	3.4657	26.9043	3.4570
Total	7281	1.2558	13.4057	1.8906	6199 85.14%	.9656	10.4359	1.7666	1082 14.86%	2.9187	30.4206	2.6010
1989 LDGV	4116	.9013	10.7970	1.5340	3586 87.12%	.6754	8.3135	1.4666	530 12.88%	2.4301	27.6007	1.9902
1989 LDGT1	2633	1.4818	15.5015	2.0083	2177 82.68%	1.1521	11.6924	1.9003	456 17.32%	3.0557	33.6866	2.5242
1989 LDGT2	1020	1.8447	15.9301	2.5922	808 79.22%	1.3394	11.6776	2.4646	212 20.78%	3.7704	32.1376	3.0783
Total	7769	1.2219	13.0653	1.8337	6571 84.58%	.9150	9.8466	1.7330	1198 15.42%	2.9054	30.7200	2.3860
1990 LDGV	7587	.8019	9.7867	1.4865	6772 89.26%	.6246	7.5924	1.4001	815 10.74%	2.2758	28.0196	2.2046
1990 LDGT1	3276	1.3033	13.4514	1.9804	2761 84.28%	1.0244	10.1165	1.8365	515 15.72%	2.7986	31.3302	2.7514

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Vehicle						Pass Init Exhaust E	Buissions					
Year Type		Avg HC	Avg CO (gpm)	Avg NOx		Avg HC	Avg CO (gpm)	Avg NOx	Total	Avg HC	Avg CO (gpm)	-
1990 LDGT2	1243	1.5943	14.6420	2.4608	1005 80,85%	1.2163	10.7269	2.2999	238 19.15%	3.1906	31.1743	3.1403
Total	12106	1.0190	11.2770	1.7202	10538 87.05%	.7858	8.5527	1.6003	1568 12.95%	2.5864	29.5858	2.5262
1991 LDGV	8056	.7424	9.0578	1.4005	7075 87.82%	.5461	6.7286	1.3037	981 12.18%	2.1581	25.8558	2.0989
1991 LDGT1	3996	1.0923	12.1408	1.6671	3405 85.21%	.8210	9.0679	1.5146	591 14.79%	2.6548	29.8453	2.5451
1991 LDGT2	961	1.5966	15.7212	2.2923		1.0380	9.9270	2.0038	224 23.31%	3.4344	34.7852	3.2415
Total	13013	.9129	10.4966	1.5482	11217 86.20%	.6619	7.6488	1.4137	1796 13.80%	2.4807	28.2823	2.3883
1992 LDGV	10518	.6435	8.3163	1.3099	9317 88.58%	.4790	5.9992	1.2333	1201 11.42%	1.9196	26.2917	1.9046
1992 LDGT1	4652	.9439	10.9913	1.7084		.7644	8.5930	1.6031		2.1581	27.2193	2.4210
1992 LDGT2	1692	1.5702	14.8266	2.3591		1.0891	10.7758	2.1373	337 19.92%	3.5047	31.1139	3.2510
Total	16862	.8194	9.7076	1.5251	14725 87.33%	.6137	7.1527	1.4183	2137 12.67%	2.2364	27.3121	2.2617
1993 LDGV	11199	.6338	7.4639	1.3233	9922 88.60%	.4721	5.5539	1.2250	1277 11.40%	1.8898	22.3043	2.0875
1993 LDGT1	6147	.9804	10.3223	1.7568	5407 87.96%	.7596	8.0109	1.6059	740 12.04%	2.5937	27.2109	2.8593
1993 LDGT2	1861	1.5003	14.3467	2.2149	1456 78.24%	1.0539	9.7643	1.9073	405 21.76%	3.1050	30.8208	3.3208
Total	19207	.8287	9.0456	1.5484	16785 87.39%	.6152	6.7106	1.4069	2422 12.61%	2.3080	25.2275	2.5295
1994 LDGV	13229	. 4997	6.1519	1.0631	11991 90.64%	.3729	4.8443	.9828	1238 9.36%	1.7286	18.8174	1.8413
1994 LDGT1	7945	.7928	8.5346	1.4893	6937 87.31%	.5811	6.4443	1.3132	1008 12.69%	2.2500	22.9198	2.7011
1994 LDGT2	3052	1.1873	11.1241	1.9409	2396 78.51%	.7949	8.1360	1.6431	656 21.49%	2.6208	22.0377	3.0286

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Vehicle		Exhaust	Initial Emissions			Pass Init Exhaust F	missions			Initial Ext		
Year Type	Total	Avg HC (gpm)		Avg NOx	Potal	Avg HC (gpm)	Avg CO (gpm)	Avg KOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
Total	24226	.6825	7.5597	1.3135	2132 4 88.02%	.4880	5.7347	1.1644	2902 11.98%	2.1114	20.9703	2.4084
1995 LDGV	17 0 46	.4778	5.3671	.9793	15416 90.44%	.3458	4.2364	.8965	1630 9.56%	1.7256	16.0607	1.7631
1995 LDGT1	8855	.6837	7.2270	1.4978	7849 88.54%	.5177	5.4512	1.3346	1015 11.46%	1.9665	20.9438	2.7583
1995 LDGT2	3865	1.0991	10.2101	1.8570	3095 80.08%	.7301	7.1321	1.5994	770 19.92%	2.5823	22.5823	2.8926
Total	29766	.6197	6.5492	1.2475	26351 88.53%	.4421	4.9379	1.1094	3415 11.47%	1.9903	18.9825	2.3136
1996 LDGV	18984	.3301	4.2897	.7920	17517 92.27%	.2701	3.5112	.7315	1467 7.73%	1.0465	13.5852	1.5147
1996 LDGT1	10220	.4013	4.8359	1.3012	9067 88.72%	.3054	3.6527	1.1680	1153 11.28%	1.1549	14.1400	2.3486
1996 LDGT2	4009	.5366	6.1272	1.3536	3453 86.13%	.4193	4.7928	1.1811	556 13.87%	1.2653	14.9736	2.4248
Total	33213	.3769	4.6796	1.0165	30037 90.44%	.2979	3.6909	.9149	3176 9.56%	1.1242	14.0296	1.9768
1997 LDGV	20489	.3182	4.2401	.7520	18927 92.38%	.2645	3.4829	.6940	1562 7.62%	.9696	13.4147	1.4546
1997 LDGT1	12539	.3547	4.8882	1.1920	11024 87.92%	.2706	3.5855	1.0481	1515 12.08%	.9668	14.3675	2.2391
1997 LDGT2	4525	.5124	5.6937	1.3460	3893 86.03%	.3415	4.2399	1.1412	632 13.97%	1.5651	14.6487	2.6071
Total	37553	.3538	4.6317	.9705	33844 90.12%	.2753	3.6034	.8608	3709 9.88%	1.0699	14.0142	1.9714
1998 LDGV	23991	.2491	3.8591	.6165	22352 93.17%	.2068	3.1341	.5608	1639 6.83%	.8252	13.7464	1.3769
1998 LDGT1	16581	. 2943	3.6362	.9701	15265 92.06%	.2407	2.9951	.8799	1316 7.94%	.9161	11.0720	2.0165
1998 LDGT2	5650	. 4000	4.7305	1.1274		.2810	3.4306	.9697	598 10.58%	1.4049	15.7124	2.4596
Total	46222	.2837	3.8857	.8058	42669 92.31%	.2277	3.1195	.7234	3553 7.69%	.9564	13.0867	1.7968

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Vehicle		Exhaust	Initial Emissions			Pass Init Exhaust I				Initial Ext	Vaived Rete naust Emiss	ions
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg KOx (gpm)
1999 LDGV	22844	.2249	3.4649	.5915	21 080 92.28%	.1854	2.8917	.5331	1764 7.72%	.6960	10.3141	1.2890
1999 LDGT1	14438	.2259	2.9602	.7557	13185 91.32%	.1839	2.3197	.6504	1253 8.68%	.6680	9.6996	1.8645
1999 LDGT2	7041	.3392	3.6576	.9496	6328 89.87%	.2403	2.6353	.7926	713 10.13%	1.2171	12.7311	2.3423
Total	44323	. 2434	3.3311	.7019	40593 91.58%	.1935	2.6660	.6117	3730 8.42%	.7862	10.5697	1.6837
2000 LDGV	30228	.1774	2.9701	.5015	28363 93.83%	.1446	2.6035	. 4454	1865 6.17%	.6770	8.5443	1.3556
2000 LDGT1	18670	.1812	2.3850	.6532	17505 93.76%	.1613	2.1049	.6068	1165 6.24%	.4800	6.5930	1.3516
2000 LDGT2	7082	. 2295	2.8408	.7148	6604 93.25%	.1752	2.1534	.6416	478 6.75%	.9799	12.3374	1.7263
Total	55980	.1853	2.7586	.5791	52472 93.73%	.1540	2.3805	.5239	3508 6.27%	.6528	8.4131	1.4048
2001 LDGV	24175	.1437	2.7461	.4180	22987 95.09%	.1197	2.4123	.3778	1188 4.91%	.6067	9.2046	1.1972
2001 LDGT1	14706	.1125	1.8914	. 4585	13851 94.19%	.0981	1.5988	.4222	855 5.81%	.3450	6.6318	1.0456
2001 LDGT2	5993	.1955	2.4595	.6281	5554 92.67%	.1629	2.0571	.5695	439 7.33%	.6070	7.5500	1.3707
Total	44874	.1404	2.4277	.4593	42392 94.47%	.1183	2.1000	.4174	2482 5.53%	.5166	8.0257	1.1756
2002 LDGV	29685	.1218	2.3944	.3615	28551 96.18%	.1076	2.1921	.3348	1134 3.82%	.4783	7.4879	1.0346
2002 LDGT1	20962	.0853	1.6065	.3840		.0781	1.3513	.3643		.2723	8.2008	.8937
2002 LDGT2	6391	.1387	1.8543	.5624		.1257	1.6254	.5245		.3478	5.5368	1.1715
Total	57038	.1103	2.0443	.3923	54749 95.99%	.0987	1.8199	.3665	2289 4.01%	.3867	7.4124	1.0089
2003 LDGV	19788	.1048	2.1810	.3330	19086 96.45%	.0956	2.0356	.3158	702 3.55%	.3541	6.1340	.7983

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Vehicle		Exhaust				Pass Init Exhaust E				Pass or V Initial Ext	aust Emiss	
Year Type			Avg CO	Avg NOx		Avg HC	Avg CO (gpm)	Avg NOx			Avg CO	Avg NOx (gpm)
2003 LDGT1	12302	.0780	1,4061	.3479	11786 95.81%	.0729	1.2476	.3391	516 4.19%	.1930	5.0246	.5504
2003 LDGT2	5292	.1266	1.6929	.4449		.1113	1.4126	.4152	221 4.18%	. 4779	8.1237	1.1246
Total	37382	.0991	1.8569	.3537	35943 96.15%	.0904	1.6893	.3375	1439 3.85%	.3153	6.0418	.7596
2004 LDGV	26467	.0956	2.0601		25481 96.27%		1.9717		986 3.73%	.3307	4.3445	.6613
2004 LDGT1	21935	.0658	1.1553	. 2589	21213 96.71%	.0617	1.0514	. 2540	722 3.29%	.1873	4.2067	.4042
2004 LDGT2	9124	.0810	1.2720	.2690	8836 96.84%	.0742	1.1588	. 2547	288 3.16%	.2897	4.7461	.7055
Total	57526	.0819	1.5901	.2752	55530 96.53%	.0751	1.4908	.2645	1996 3.47%	.2729	4.3526	.5747
2005 LDGV	15586	.0912	2.0035	.2870	1 4 968 96.03%	.0841	1.9179	.2695	618 3.97%	. 2635	4.0774	.7132
2005 LDGT1	11078	.0574	.9824	.2170	10786 97.36%	.0553	.9422	.2124	292 2.64%	.1364	2.4668	.3864
2005 LDGT2	4520	.0811	1.2652	.2393	4402 97.39%	.0738	1.1596	.2239	118 2.61%	.3531	5.2064	.8128
Total	31184	.0777	1.5337	.2552	30156 96.70%	.0723	1.4582	.2424	1028 3.30%	. 2377	3.7495	. 6318
2006 LDGV	33103	.0838	1.8524	.3083	31986 96.63%	.0788	1.8060	.2508	1117 3.37%	.2280	3.1801	1.9539
2006 LDGT1	19463	.0512	.8789	.2197	18980 97.52%	.0506	.8663	.2102	483 2.48%	.0766	1.3744	.5920
2006 LDGT2	9307	.0651	.9556	.2037	9120 97.99%	.0618	.9250	.1984	187 2.01%	.2230	2.4474	.4623
Total	61873	.0708	1.4113	.2647	60086 97.11%	.0673	1.3755	.2300	1787 2.89%	.1865	2.6154	1.4297
2007 LDGV	8988	.0778	1.7937	.2657	7890 97.55%	.0768	1.7802	.2409	198 2.45%	.1182	2.3342	1.2539
2007 LDGT1	5219	.0466	.8747	.1906	5096 97.64%	.0458	.8333	.1877	123 2.36%	.0802	2.5908	.3120

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Vehicle		Exhaust	Initial Emissions			Pass Init Exhaust B	dmissions			Initial Ext	Maived Rete Naust Emiss	
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg KOx	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
2007 LDGT2	2592	.0562	.8757	.1947	2535 97.80%	.0556	.8582	.1915	57 2.20%	.0831	1.6547	.3338
Total	15899	.0640	1.3424	.2295	15521 97.62%	.0631	1.3187	.2154	378 2.38%	.1005	2.3152	.8987
2008 LDGV	3924	.0795	1.8658	.2526	3782 96.38%	.0771	1.8326	. 2295	142 3.62%	.1424	2.7500	.8691
2008 LDGT1	2175	.0447	.8646	.1938	2099 96.51%	.0443	.8395	.1887	76 3.49%	.0552	1.5559	.3367
2008 LDGT2	1199	.0499	1.0671	.1797	1167 97.33%	.0486	.9546	.1782	32 2.67%	.0971	5.1708	.2360
Total	7298	.0643	1.4362	.2231	7048 96.57%	.0627	1.3915	. 2088	250 3.43%	.1101	2.6969	.6262
2009 LDGV	2144	.0793	1.8156	.2408	2096 97.76%	.0748	1.8071	.2252	48 2.24%	.2767	2.1855	.9243
2009 LDGT1	915	.0454	.8359	.1908	900 98.36%	.0454	.8338	.1858	15 1.64%	.0431	.9620	.4917
2009 LDGT2	433	.0468	.8413	.1707	424 97.92%	.0469	.8436	.1709	9 2.08%	.0390	.7331	.1574
Total	3492	.0664	1.4381	.2190	3420 97.94%	.0636	1.4315	.2081	72 2.06%	.1983	1.7490	.7383
2010 LDGV	669	.0763	1.7452	.2216	666 99.55%	.0764	1.7471	.2160	3 .45%	.0492	1.3259	1.4786
2010 LDGT1	318	.0460	.8040	.1765	313 98.43%	.0398	.8082	.1775	5 1,57%	.4321	.5430	.1089
2010 LDGT2	246	.0438	.7666	.1632		.0438	.7697	.1632	1 .41%	.0303	.0000	.1535
Total	1233	.0620	1.3072	.1983	122 4 99.27%	.0605	1.3113	.1956	9 ,73%	, 2598	.7436	.5704
2011 LDGV	20	.0681	1.6835	.2122	29 100.00%	.0681	1.6835	.2122	0 .00%	.0000	.0000	.0000
2011 LDGT1	15	.0372	.6884	. 1523	15 100.00%	.0372	.6884	.1523	0 .00%	.0000	.0000	.0000
2011 LDGT2		.0331	.7485	.1610		.0331	.7485	.1610	0 .00%	.0000	.0000	.0000

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Vehicle			Initial Baissions				tial Test Emissions				Waived Rete haust Emiss	
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
Total	39	.0527	1.2049	.1839	39 100.00%	.0527	1.2049	.1839	.00%	.0000	.0000	.0000

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Vehicle			Initial Emissions			Pass Init Exhaust I					Maived Rete Naust Emiss	
Year Type	Total	Avg HC (gpm)	Avg CO	Avg NOx	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
Sub-Totals												
₽D & A	364117	.2894	4.0963	.6524	340174 93.42%	.2236	3.3056	.5887	23943 6.58%	1.2253	15.3299	1.5586
LDGT1	227568	. 3526	4.2600	.8048	210704 92.59%	.2674	3.2018	.7120	16864 7.41%	1.4166	17.4821	1.9641
LDGT2	89862	. 4548	4.8896	.9185	81503 90.70%	.3011	3.3054	.7658	8359 9.30%	1.9532	20.3355	2.4075
Overall Total	681547	.3323	4.2556	.7384	632381 92.79%	. 2482	3.2710	. 6526	49166 7.21%	1.4146	16.9191	1.8420

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Vehicle		Exhaust Emissions Exhaust Emissions Exhaust Emissions										
Year Type	Total	Avg HC (gpm)		Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO	
1982 LDGV	449	1.5361	18.2446	2.1670	74 16.48%	1.5155	15.2904	2.3083	.00%	.0000	.0000	.0000
1982 LDGT1	309	2.7346	29.2260	2.5618		2.5475	27.6096	2.6384	.00 . 0 .00%	.0000	.0000	.0000
1982 LDGT2	107	2.7232	31.6340	2.9729	33 30.84%	2.6817	30.8552	3.1076	1 .93%	4.6421	186.5111	1.9068
Total	865	2.1111	23.8237	2.4077	181 20.92%	2.1501	23.1648	2.5890	1 .12%	4.6421	186.5111	1.9068
1983 LDGV	497	1.3684	16.4270	1.9547	99 19.92%	1.4905	14.5616	2.0342	4 .80%	2.0037	44.9523	1.5903
1983 LDGT1	331	2.6346	29.7866	2.6245	99 29.91%	2.5001	27.6113	2.6227	1 .30%	1.4808	104.6893	.0991
1983 LDGT2	190	2.6887	33.3840	2.9046	80 42.11%	2.5269	35.7942	2.9924	.00%	.0000	.0000	. 9990
Total	1018	2.0265	23.9357	2.3498	278 27.31%	2.1483	25.3189	2.5195	5 .49}	1.8991	56.8997	1.2921
1984 LDGV	1316	1.2494	14.2889	1.9004	237 18.01%	1.3017	13.1208	1.9380	2 .15%	3.7848	72.6111	2.2117
1984 LDGT1	881	2.2502	26.6604	2.5688	192 21.79%	2.3316	26.9622	2.6226	1 .11%	9.1837	132,6893	.7671
1984 LDGT2	338	2.2649	27.3771	3.2614		2.0827	27.3269	3.1833	.59%	6.7639	48.8096	1.1044
Total	2535	1.7326	20.3335	2.3141	561 22.13%	1.8379	21.2006	2.4653	.20%	6.0562	75.1061	1.4799
1985 LDGV	1366	1.0104	10.8441	1.9236	259	1.0681	9.0764	1.9970		1.7270	36.4825	1.8255
1985 LDGT1	1004	1.9620	21.7401	2.6877	18.96% 236	1.8538	20.2127	2.8923	.37%	5.9827	101.0129	.7668
1985 LDGT2	333	2.0152	22.9471	2.8928	23.51% 128 38.44%	2.0005	20.6036	3.1739	.10% 1 .30%	1.8324	65.0889	.5737
Total	2703	1.4876	16.3824	2.3268	623 23.05%	1.5573	15.6633	2.5780	7 ,26%	2.3500	49.7878	1.4954
1986 LDGV	2346	.9076	9.8153	1.8301	341 14.54%	1.0285	9.1775	2.0099	1 .04%	3.2138	123.7840	.6719

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Vehicle			Emissions			Pass I Exhaust I	Retest Emissions			Exhaust E		
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC	Avg CO (gpm)	Avg NOx	Total	Avg HC	Avg CO	
1986 LDGT1	1734	1.6737	16.7092	2.5762	310 17.88%	1.7727	17.7098	2.6609	3 .17%	2.1185	16.9166	5.4897
1986 LDGT2	423	1.7978	19.3097	2.8497		1.9093	20.1043	3.1142	1.24%	3.7236	62.7571	3.4185
Total	4503	1.2862	13.3619	2.2132	795 17.65%	1.4782	14.4837	2.4638	5 .11%	2.6586	47.4582	4.1119
1987 LDGV	2409	.8626	9.1384	1.6765	349 14.49%	.9796	8.3484	1.6909	4 ,17%	2.1516	40.7162	2.1263
1987 LDGT1	1678	1.4259	14.3060	2.2077	310 18.47%	1.4539	13.9866	2.4403	5 .30%	5.7310	86.7973	3.7737
1987 LDGT2	477	1.6828	13.3443	2.6758		1.6733	13.4989	2.6895	.00s	.0000	.0000	.0000
Total	4564	1.1554	11.4779	1.9762	770 16.87%	1.2706	11.3608	2.1366	9 .20%	4.1402	66.3168	3.0415
1988 LDGV	3798	.7512	8.6894	1.5657	459 12.09%	.8692	7.9125	1.6668	4 .11%	3.3253	23.7946	3.2789
1988 LDGT1	2591	1.2393	12.5912	1.9993	436 16.83%	1.3421	12.2090	2.3526	2 .08%	4.2761	91.6665	2.7019
1988 LDGT2	892	1.3057	11.5003	2.3946	178 19.96%	1.3096	10.4347	2.7327	3 .34%	1.3133	33.8477	5.1905
Total	7281	.9928	10.4223	1.8215	1073 14.74%	1.1344	10.0768	2.1223	9 .12%	2.8659	42.2283	3.7879
1989 LDGV	4116	.7074	8.3993	1.5050	523 12.71%	.8919	8.4014	1.7634	7 .17%	3.3054	52.2301	1.9062
1989 LDGT1	2633	1.1947	11.8883	1.9460		1.3341	11.8813	2.1646	6.23%	6.1836	83.4656	2.1320
1989 LDGT2	1020	1.3793	11.8106	2.5165		1.5311	12.3172	2.7145	.00%	.0000	.0000	.0000
Total	7769	.9607	10.0296	1.7873	1185 15.25%	1.1742	10.4235	2.0859	13 .17%	4.6338	66.6465	2.0104
1990 LDGV	7587	.6427	7.5890	1.4363	808	.7887	7.5104	1.7074		1.3070	13,2881	5.1883
1990 LDGT1	3276	1.0625	10.2398	1.9941	10.65% 515 15.72%	1.2670	10.9004	2.2663	.09% 0 .00%	.0000	.0000	.0000

I/N 240 Fleet Characterization Summary Report Final Inspection Component

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Vehicle	A	Exhaust	l Final Emissions			Pass F Exhaust F	Smissions			Exhaust	ived Emissions	
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC		Avg NOx	Total	Avg HC (gpm)		Avg NOx (gpm)
1990 LDGT2	1243	1.2771	11.1024	2.3612	235 18.91%	1.4286	11.9868	2.6220	3 .24%	9.7930	67.6159	2.4596
Potal	12106	.8214	8.6670	1.6579	1558 12.87%	1.0433	9.3062	2.0301	10 .08%	3.8528	29.5864	4.3697
1991 LDGV	8056	.5717	6.8211	1.3387	973 12,08%	.7202	7.2286	1.5845	8 .10%	5.2355	39.0583	2.3847
1991 LDGT1	3996	.8536	9.2500	1.5784	589 14.74%	1.0255	10.1736	1.9440	2 .05%	5.5537	47.4363	2.4478
1991 LDGT2	961	1.0747	10.2966	2.1152	224 23.31%	1.1953	11.5124	2.4816	.00%	.0000	.0000	.0000
Total	13013	.6954	7.8236	1.4697	1786 13.72%	.8805	8.7371	1.8156	10 .08%	5.2991	40.7339	2.3973
1992 LDGV	10518	.4992	6.0494	1.2630	1198 11.39%	.6436	6.2452	1.4930	3 .03%	5.44 0 8	83.6442	1.8254
1992 LDGT1	4652	.7908	8.7921	1.6440	595 12.79%	.9501	9.8206	1.9064	4 .09%	3.8634	57.5845	4.1141
1992 LDGT2	1692	1.1322	10.9870	2.1816	333 19.68%	1.2606	11.5945	2.3580	4.24%	5.0455	31.9607	2.5215
Total	16862	.6432	7.3015	1.4603	2126 12.61%	.8260	8.0837	1.7442	11 .07%	4.7235	55.3739	2.9108
1993 LDGV	11199	.4924	5.6498	1.2630	1273 11.37%	.6415	6.1712	1.5615	4 .04%	3.2543	77.6030	.6140
1993 LDGT1	6147	.7913	8.2425	1.6682		1.0215	9.7772	2.1253	1 .02%	2.1879	126.1182	.2926
1993 LDGT2	1861	1.1240	10.3135	2.0586		1.3689	12.3268	2.5672	4 .21%	2.0675	8.4120	6.1326
Total	19207	.6492	6.9314	1.4697	2413 12.56%	.8788	8.2985	1.9013	9 .05%	2.6084	52.2420	3.0310
1994 LDGV	13229	.3863	4.8935	1.0141	1228 9.28%	.5071	5.2641	1.3072	10 .08%	1.6474	18.3931	2.5488
1994 LDGT1	7945	.6122	6.6998	1.3844	1006 12.66%	.8086	8.1825	1.8764	2 .03%	9.5894	147.0302	.8189
1994 LDGT2	3052	.8331	8.2928	1.7093		.9693	8.8436	1.9407	4.13%	1.5686	12.4173	3.6440

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		Exhaust				Pass I Exhaust I				Exhaust E		
			Avg CO (gpm)					Avg NOx (gpm)	Total	Avg HC (gpm)		Avg NOx (gpm)
Total	24226	.5167	5.9141	1.2231	2886 11.91%	.7166	7.0901	1.6487	16 .07%	2.6205	32.9788	2.6064
1995 LDGV	17046	.3620	4.3024	.9254	1614 9.47%	.4621	4.6230	1.1930	16 .09%	5.8183	35.5913	1.8602
1995 LDGT1	8855	.5427	5.7133	1.3926	1012 11.43%	.7299	7.6528	1.8340	3 .03%	2.9445	36.3637	4.3281
1995 LDGT2	3865	.7672	7.4899	1.6648	766 19.82%	.9063	8.8217	1.9241	.10%	2.8419	29.3316	2.6045
Total	29766	.4684	5.1360	1.1604	3392 11.40%	.6423	6.4751	1.5493	23 .08%	4.9258	34.6034	2.3115
1996 LDGV	18984	.2802	3.5555	.7509	1460 7.69%	.3861	4.0623	.9750	7 .04%	3.3029	8.6933	2.7638
1996 LDGT1	10220	.3173	3.7859	1.2094	1150 11.25%	.3821	4.7503	1.5311	.03%	11.3823	36.4170	3.0356
1996 LDGT2	4009	.4308	4.8038	1.2219	553 13.79%	.4910	5.3409	1.4674	3 .07%	2.5488	22.0216	2.9934
Total	33213	.3098	3.7771	.9489	3163 9.52%	.4030	4.5360	1.2633	13 .04%	4.9934	18.1668	2.8795
1997 LDGV	20489	.2694	3.5199	.7102	1555 7.59%	.3253	3.9498	.8959	7 .03%	1.0724	7.8559	3.2812
1997 LDGT1	12539	.2836	3.7662	1.0878	1510 12.04%	.3734	4.9708	1.3671	5 .04%	1.7345	38.4416	4.1580
1997 LDGT2	4525	.3560	4.3718	1.1839	631	.4412	5.1609	1.4380	.02% .02%	3.3278	19.9379	7.0769
Total	37553	.2846	3.7048	.8934	3696 9.84%	.3648	4.5737	1,1810	13 .03%	1.5006	20.5490	3.9104
1998 LDGV	23991	.2100	3.1556	.5703	1632 6.80%	.2476	3.4200	.6892	7 .03%	1.4392	10.1834	3.1938
1998 LDGT1	16581	.2488	3.0824	.9011	1313	.3178	3.8920	1.1427	3	11.6961	92.9549	2.7063
1998 LDGT2	5650	.2918	3.5632	.9979	7.92% 595 10.53%	.3731	4.5172	1.2225	.02% 3 .05%	2.3317	37.5334	3.9493
Total	46222	.2339	3.1792	.7412	3540 7.66%	.2947	3.7795	.9470	13 .03%	4.0121	35.5960	3.2556

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Vehicle		Exhaust	l Final Emissions			Pass 1 Exhaust 1				Exhaust I		
Year Type	Total	Avg HC (gpm)		Avg NOx (gpm)	Fotal		Avg CO (gpm)	Avg KOx	Total	Avg HC (gpm)	Avg CO	Avg NOI
1999 LDGV	22844	.1885	2.9067	.5433	1756 7.69%	.2210	3.0364	.6541	.04%	1.0226	13.8548	3.1229
1999 LDGT1	14438	.1896	2.3955	.6727	1248 8.64%	.2464	3.1289	.9037	.03%	.9168	19.3201	1.8976
1999 LDGT2	7041	.2523	2.7350	.8236	707 10. 04 %	.3343	3.5051	1.0697	6 .09%	3.2132	17.1007	4.4924
Total	44323	.1990	2.7129	.6300	3711 8.37%	.2511	3.1568	.8172	19 . 04 %	1.6865	16.3181	3.2329
2000 LDGV	30228	.1467	2.6101	.4512	1857 6.14%	.1783	2.7120	.5288	8 .03%	.3096	2.4508	3.2858
2000 LDGT1	18670	.1657	2.1625	.6209	1163 6.23%	.2320	3.0138	.8281	2 .01%	.3659	11.6735	3.7021
2000 LDGT2	7082	.1823	2.2171	.6573	475 6.71%	.2598	3.0473	.8533	3 .04%	3.5444	10.8808	4.2246
Total	55980	.1576	2.4111	.5339	3495 6.24%	.2073	2.8580	.6725	13 .02%	1.0647	5.8151	3.5665
2001 LDGV	24175	.1209	2.4045	.3801	1181 4.89%	.1408	2.2404	.4132	7 .03%	.4418	4.6256	2.4106
2001 LDGT1	14706	.0996	1.6375	. 4246	853 5.80%	.1205	2.1801	. 4593	.03. 2 .01%	1.0708	38.5262	2.2661
2001 LDGT2	5993	.1676	2.1155	.5837	437 7.29%	.2153	2.7883	.7427	2.03%	2.5220	17.3354	5.5350
Total	44874	.1201	2.1146	. 4219	2471 5.51%	.1470	2.3165	.4874	11 .02%	.9344	13.1002	2.9524
2002 LDGV	29685	.1076	2.1923	.3344		.1009	2.1318	.3180	5	1.4775	17.2142	1.9033
2002 LDGT1	20962	.0790	1.3842	.3650	3.80% 780 3.72%	.1008	2.1645	.3848	.02% 1 .00%	.8547	55.1917	.2152
2002 LDGT2	6391	.1299	1.6694	.5361	373 5.84%	.1958	2.3831	.7121	.00% 1 .02%	.5785	.0185	4.4246
Total	57038	.0996	1.8367	.3683	2282 4.00%	.1164	2.1840	. 4052	.01%	1.2601	20.1830	2.0224
2003 LDGV	19788	.0951	2.0094	.3136	701 3.54%	.0791	1.2862	.2452	1 .01%	1.8900	8.6319	4.7294

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Vehicle		Exhaust	l Pinal Emissions			Pass I Exhaust I				Exhaust E		
Year Type	Total	Avg HC (gpm)		Avg KOx (gpm)	Total		Avg CO	Avg KOx (gpm)	Total	Avg HC (gpm)		Avg NOx (gpm)
2003 LDGT1	12302	.0733	1.2679	.3384	516 4.19%	.0832	1.7308	.3242	.00%	.0000	.0000	.0000
2003 LDGT2	5292	.1140	1.4668	.4192	220 4.16%	.1734	2.6621	.5038	1 .02%	.3707	13.4889	2.0712
Total	37382	.0906	1.6886	.3367	1437 3.84%	.0950	1.6565	.3131	2 .01%	1.1304	11.0604	3.4003
2004 LDGV	26467	.0858	1.9463	.2721	985 3.72%	.0670	1.2909	.1540	1 .00%	.1865	2.5508	3.5444
2004 LDGT1	21935	.0616	1.0649	, 2508	722 3.29%	.0574	1.4589	.1594	0 .00%	.0000	,0000	.0000
2004 LDGT2	9124	.0749	1.1743	.2539	288 3.16%	.0952	1.6502	.2271	.00%	.0000	.0000	.0000
Total	57526	.0748	1.4878	.2611	1995 3.47%	.0676	1.4035	.1665	1 .00%	.1865	2.5508	3.5444
2005 LDGV	15586	.0829	1.8818	.2646	618 3.97%	.0529	1.0090	.1482	0 .00%	.0000	.0000	.0000
2005 LDGT1	11978	.0551	.9482	. 2099	292 2.64%	.0491	1.1690	.1175	0 100.	.0000	.0000	.0000
2005 LDGT2	4520	.0748	1.1696	.2247	118 2.61%	.1139	1.5427	.2556	.001	.0000	.0000	.0000
Total	31184	.0719	1.4469	. 2394	1028 3.30%	.0588	1.1157	.1518	0 300.	.0000	.0000	.0000
2006 LDGV	33103	.0776	1.7728	. 2460	1117 3.37%	.0435	.8216	.1071	0 100.	.0000	.0000	.0000
2006 LDGT1	19463	.0504	.8623	.2080	483 2.48%	.0443	.7042	.1201	0 .00%	.0000	.0000	.0000
2006 LDGT2	9307	.0622	.9283	.1981	187 2.01%	.0790	1.0918	.1822	0 .00%	.0000	.0000	.9000
Total	61873	.0667	1.3594	.2268	1787 2.89%	.0474	.8182	.1185	0 .00}	.0000	.0000	.0000
2007 LDGV	8088	.0756	1.7545	.2363	198	.0300	.7337	.0516	0 .00%	.0000	.0000	.0000
2007 LDGT1	5219	.0453	.8331	.1847	2.45% 123 2.36%	.0285	.8250	.0632	.003 0 .008	.0000	. 6000	.0000

I/M 240 Fleet Characterization Summary Report Final Inspection Component

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Vehicle			l Final Emissions			Pass F Exhaust F				Exhaust H		
Year Type	Total	Avq HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
2007 LDGT2	2592	.0555	.8606	.1901	57 2.20%	.0498	.9664	.1249	.00%	.0000	.0000	.0000
Total	15899	.0624	1.3063	.2118	378 2.38%	.0325	.7985	.0664	.00%	.0600	.0000	.0000
2008 LDGV	3924	.6752	1.7922	.2227	142 3.62%	.0223	.7147	.0401	0 .00%	.0000	.0000	.0000
2008 LDGT1	2175	.0438	.8441	.1842	76 3.49%	.0290	.9704	.0615	.00%	.0000	.0000	.0000
2008 LDGT2	1199	.0493	.9939	.1758	32 2.67%	.0721	2.4259	.0909	.00%	.0000	.0000	.0000
Total	7298	.0616	1.3785	. 2035	250 3.43%	.0307	1.0114	.0531	.00%	.0000	.0000	.0000
2009 LDGV	2144	.0737	1.7802	.2209	48 2.24%	.0257	.6056	.0353	9 .00%	.0000	. 2000	.0000
2009 LDGT1	915	.0452	.8362	.1837	15 1.64%	.0347	.9805	.0609	.00%	.0000	.0000	.0000
2009 LDGT2	433	.0467	.8559	.1694	9 2.08%	.0336	1.4328	.0959	.00%	.0000	.0000	.0000
Total	3492	.0629	1.4183	.2048	72 2.06%	.0285	.7871	.0482	.00%	,0000	.0000	.0000
2010 LDGV	669	.0761	1.7410	.2150	3 .45%	.0132	.3984	.0055	0 .001	.0000	.0000	.0000
2010 LDGT1	318	.0393	.7987	.1752	5 1.57%	.0096	. 2055	.0296	.00%	.0000	.0000	.0000
2010 LDGT2	246	.0438	.7682	.1626	1.41%	.0248	.3864	.0023	.00%	.0000	.0000	.0000
Total	1233	.0602	1.3039	.1943	9 .73%	.0125	.2899	.0185	.00%	.0000	.0000	.0000
2011 LDGV	20	.0681	1.6835	.2122	0 .00%	.0000	.0000	.0000	0 .00%	.0000	.0000	.0000
2011 LDGT1	15	.0372	.6884	.1523	0 .00%	.0000	.0000	.0000	0 .00%	.0000	.0000	.0000
2011 LDGT2	4	.0331	.7485	.1610	0	.0000	.0000	.0000	.00%	.0000	.0000	.0000

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Vehicle			l Final Emissions				Retest Emissions				ived Emissions	
Year Type	Fotal	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg KOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	(gpm)
Total	39	.0527	1.2049	.1839	.00%	.0000	.0000	.0000	.00%	.0000	.0000	,0000

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Vehicle			l Final Emissions			Pass I Exhaust I				Wai Exhaust 8	ived Gmissions	
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)
Sub-Totals:												
LDGV	364117	.2355	3.3765	.6113	23817 6.54%	.3940	4.2631	.9242	126 .03%	2.5899	27.1612	2.5772
LDGT1	227568	. 2924	3.4519	.7587	16812 7,39%	.5913	6.4077	1.3371	52 .02%	4.6210	61.4279	2.9055
LDGT2	89862	.3431	3.7064	.8429	8312 9.25%	.7383	7.4874	1.5824	47 .05%	3.3407	30.3592	3.7397
Overall Total	681547	. 2687	3.4452	.6910	48941 7.18%	.5202	5.5474	1.1778	225 .03%	3.2162	35.7486	2.8959

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I/M 240 Fleet Characterization Summary Report Emission Reduction Component

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Vehicle Year Type						Overall Exhaust H	Missions		Emis	sion Reduct	ions
Year Type	Total	Avg HC	Avg CO				Avg CO	Avg NOx (gpm)	HC (gpm)	CO (gpm)	
1982 LDGT1	369	3.2012	36.5820	2.5449	309	2.7346	29.2260	2.5618	.4666	7.3559	
										20.11%	
1982 LDGT2	107	3.5834	48.3747	2.7838	107	2.7232	31.6340	2.9729	.8602		
1982 LDGV	449	1.7763	22.5238	2.1828	449	1.5361	18.2446	2.1670		34.61% 4.2792	
1104 1104	•••	211100	1111100	211020	117	110001	1012110	212070		19.00%	
Total	865	2.5088	30.7435	2.3865	865	2.1111	23.8237	2.4077	.3978	6.9198	0212
										22.51%	
1983 LDGT1	331	3.3855	40.1219	2.6455	331	2.6346	29.7866	2.6245	.7509	10.3353	.0210
										25.76%	.79%
1983 LDGT2	190	3.8199	49.1758	2.9900	190	2.6887	33.3840	2.9046	1.1312	15.7918	
1983 LDGV	497	1 8212	22.3936	1.9414	497	1.3684	16.4270	1.9547	29.618 .4527	32.11% 5 9665	
1363 1044	407	1.0212	22.3330	1.7414	2 71	1.5004	10.42)0	1.7347			68%
Total	1018	2.7029	33.1565	2.3660	1018	2.0265	23.9357	2.3498		9.2208 27.81%	.0163 .69%
1984 LDGT1	881	2.6001	34.0908	2.5469	881	2.2502	26.6604	2.5688		7.4305	
4444 ****										21.80%	
1984 LDGT2	338	3.0743	42.3227	3.3083	338	2.2649	27.3771	3.2614	.8094	14.9456 35.31%	.0468 1.42%
1984 LDGV	1316	1.5812	18.8310	1.9435	1316	1.2494	14.2889	1.9004		4.5421	
1701 2001	1010	110010	10,0010	117100	1010	112131	1112003	213001			2.22%
Total	2535	2.1343	27.2666	2.3352	2535	1.7326	20.3335	2.3141	.4017	6.9331	.0211
									18.82%	25.43%	.90%
1985 LDGT1	1004	2.4119	28.6620	2.7169	1004	1.9620	21.7401	2.6877	.4499	6.9218	.0292
									18.66%	24.15%	1.07%
1985 LDGT2	333	3.0097	36.1343	2.9883	333	2,0152	22.9471	2.8928	.9945	13.1872	.0955
1005 1009	1300	1 4200	15 7506	1 0040	1356	1 0104	40 0441	1 0000	33.04%	36.50%	3.20%
1985 LDGV	1366	1.4300	15.7596	1.9846	1366	1.0104	10.8441	1.9236	.4284 29.78%	4.9155 31.19%	.0610 3.07%
Total	2703	1.9938	23.0621	2.3802	2703	1.4876	16.3824	2.3268	.5062	6.6798	.0534
									25.39%	28.96%	2.24%
1986 LDGT1	1734	1.9453	20.6436	2.6078	1734	1.6737	16.7092	2.5762	.2716	3.9344	.0315
			-317.044	3.00.0	-, 44	214/4/			13.96%		1.21%

I/M 240 Fleet Characterization Summary Report Emission Reduction Component

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Vehicle		Overall Exhaust				Overall Exhaust H	Smissions		Emis		ions
Year Type		Avg HC (gpm)	Avg CO (gpm)	Avg NOx		Avg HC	Avg CO	Avg NOx (gpm)	HC	CO	
1986 LDGT2	423			2.9138	423	1.7978	19.3097		.5517	10.7927	
1986 LDGV	2346	1.1114	13.3189	1.8395	2346	.9076	9.8153	1,8301			
Fotal	4503	1.5488	17.7161	2.2362	4503	1.2862	13.3619	2.2132		4.3542 24.58%	
1987 LDGT1	1678	1.6999	18.6614	2.2349	1678	1.4259	14.3060	2.2077			
1987 LDGT2	477	2.1602	19.0174	2.8011	477	1.6828	13.3443	2.6758		23.34% 5.6731	
1987 LDGV	2409	1.1043	12.2696	1.7501	2409	.8626	9.1384	1.6765	22.10% .2417 21.89%	3.1312	.0736
Total	4564	1.4336	15.3248	2.0382	4564	1.1554	11.4779	1.9762	.2782 19.41%		.0619 3.04%
1988 LDGT1	2591	1.5190	15.9350	2.0979	2591	1.2393	12.5912	1.9993			
1988 LDGT2	892	1.7432	14.7634	2.5333	892	1.3057	11.5003	2.3946	18.41% .4375		
1988 LDGV	3798	.9619	11.3614	1.5982	3798	.7512	8.6894	1.5657	25.10% .2107 21.90%		
Total	7281	1.2558	13.4057	1.8906	7281	.9928	10.4223	1.8215		2.9835	.0691
1989 LDGT1	2633	1.4818	15.5015	2.0083	2633	1.1947	11.8883	1.9460	.2871	3.6132	.0623
1989 LDGT2	1020	1.8447	15.9301	2.5922	1020	1.3793	11.8106	2.5165	19.38% .4654	23.31% 4.1195	3.10% .0756
1989 LDGV	4116	.9013	10.7970	1.5340	4116	.7074	8.3993	1.5050	25,23% .1940 21.52%	25.86% 2.3977 22.21%	2.92% .02 9 0 1.89%
Total	7769	1.2219	13.0653	1.8337	7769	.9607	10.0296	1.7873	.2612 21.37%	3.0357 23.23%	.0464 2.53%
1990 LDGT1	3276	1.3033	13.4514	1.9804	3276	1.0625	10.2398	1.9641	.2408	3.2116	.0763
1990 LDGT2	1243	1.5943	14.6420	2.4608	1243	1.2771	11.1024	2.3612	18.47% .3172 19.89%	23.88% 3.5396 24.17%	3.85% .0996 4.05%

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Vehicle		Overall Exhaust	Emissions			Overall Exhaust E	Final Emissions		Emis		ions
Year Type		Avg HC	Avg CO	Avg NOx (gpm)			Avg CO	Avg NOx	HC (gpm)	CO	(gpm)
1990 LDGV	7587	.8019	9.7867	1.4865	7587	.6427	7.5890	1.4363	.1593	2.1978 22.46%	.0502
Total	12106	1.0190	11.2770	1.7202	12106	.8214	8.6670	1.6579		2.6099 23.14%	
1991 LDG T 1	3996	1.0923	12.1408	1.6671	3996	.8536	9.2500	1.5784			
1991 LDGT2	961	1.5966	15.7212	2.2923	961	1.0747	10.2966	2.1152	21.85% .5219 32.69%	23.81% 5.4247 34.51%	.1771
1991 LDGV	8056	.7424	9.0578	1.4005	8056	.5717	6.8211	1.3387		2.2367 24.69%	
Total	13013	.9129	10.4966	1.5482	13013	.6954	7.8236	1.4697	.2175 23.82%	2.6730 25.47%	.0786 5.08%
1992 LDGT1	4652	.9439	10.9913	1.7084	4652	.7908	8.7921	1.6440	.1530 16.22%	2.1992 20.01%	
1992 LDGT2	1692	1.5702	14.8266	2.3591	1692	1.1322	10.9870	2.1816	.4380 27.89%	3.8396 25.90%	.1775
1992 LDGV	1 0 518	.6435	8,3163	1.3099	10518	.4992	6.0494	1.2630	.1443	2.2669 27.26%	
Total	16862	.8194	9.7076	1.5251	16862	.6432	7.3015	1.4603	.1762 21.51%	2.4061 24.79%	.0648 4.25%
1993 LDGT1	6147	.9804	10.3223	1.7568	6147	.7913	8.2425	1.6682	.1891 19.29%	2.0798 20.15%	.0887 5.05%
1993 LDGT2	1861	1.5003	14.3467	2.2149	1861	1.1240	10.3135	2.0586	.3763 25.08%		
1993 LDGV	11199	.6338	7.4639	1.3233	11199	.4924	5.6498	1.2630		1.8141 24.31%	.0603
Total	19207	.8287	9.0456	1.5484	19207	.6492	6.9314	1,4697		2.1142 23.37%	
1994 LDGT1	7945	.7928	8.5346	1.4893	7945	.6122	6.6998	1.3844	.1807 22.79%	1.8348 21.50%	.1049 7.04%
1994 LDGT2	3052	1.1873	11.1241	1.9409	3052	.8331	8.2928	1.7093		2.8313 25.45%	.2316 11.93%
1994 LDGV	13229	.4997	6.1519	1.0631	13229	.3863	4.8935	1.0141	.1135 22.70%	1.2584	.0491 4.61%

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Vehicle		Overall Exhaust	Emissions			Overall Exhaust H	Final Ruissions		Emis		iens
Year Type		Avg HC	Avg CO	Avg KOx		Avg HC	Avg CO	Avg NOx	HC (gpm)	CO	
Total	24226	.6825	7.5597	1.3135	24226	.5167	5.9141	1.2231	.1658 24.30%	1.6 4 56 21.77%	
1995 LDGT1	8855	.6837	7.2270	1.4978	8855	.5427	5.7133	1.3926			
1995 LDGT2	3865	1.0991	10.2101	1.8570	3865	.7672	7.4899	1.6648			.1922
1995 LDGV	17046	.4778	5.3671	.9793	17046	.3620	4.3024	.9254	.1158		.0539
Total	29766	.6197	6.5492	1.2475	29766	.4684	5.1360	1.1604		1,4132 21.58%	
1996 LDGT1	10220	.4013	4.8359	1.3012	10220	.3173	3.7859	1.2094		1.0500 21.71%	
1996 LDGT2	4009	.5366	6.1272	1.3536	4009	.4308	4.8038	1.2219		1.3234	
1996 LDGV	18984	.3301	4.2897	.7920	18984	.2802	3.5555	.7509	.0500	.7342 17.11%	.0410
Total	33213	.3769	4.6796	1.0165	33213	.3098	3.7771	.9489	.0672 17.82%	.9025 19.29%	.0676 6.65%
1997 LDGT1	12539	.3547	4.8882	1.1920	12539	.2836	3.7662	1.0878		1.1220 22.95%	
1997 LDGT2	4525	.5124	5.6937	1.3460	4525	,3560	4.3718	1.1839	.1563		.1621
1997 LDGV	20489	.3182	4.2401	.7520	20489	.2694	3.5199	.7102		.7202 16.99%	
Total	37553	.3538	4.6317	.9705	37553	.2846	3.7048	.8934	.0693 19.57%	.9269 20.01%	.0771 7.95%
1998 LDGT1	16581	.2943	3.6362	.9701	16581	.2488	3.0824	.9011	.0454	.5537	.0691
1998 LDGT2	5650	.4000	4.7305	1.1274	5650	.2918	3.5632	.9979	15.44% .1082	15.23% 1.1674	7.12%
1998 LDGV	23991	.2491	3.8591	.6165	23991	.2100	3.1556	.5703	27.05% .0391 15.70%	24.68% .7035 18.23%	11.48% .0463 7.50%
Total	46222	.2837	3.8857	.8058	46222	.2339	3.1792	.7412	.0498 17.56%	.7065 18.18%	.0646 8.02%

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Vehicle		Exhaust	Initial Buissions			Overall Exhaust E	aissions		Emis:	sion Reduct	
Year Type	Total	Avg HC (gpm)	Avg CO	Avg KOx (gpm)		Avg HC (gpm)	Avg CO	Avg NOx (gpm)	HC (gpm)	CO	Nox
1999 LDGT1	14438	.2259	2.9602	.7557	14438	.1896	2.3955	.6727	.0364	.5646	.0830
1999 LDGT2	7041	.3392	3.6576	.9496	7041	,2523	2.7350	.8236	16.09% .0869	19.07% .9227	10.99% .1260
4777 4221	,		5,007,0				217121		25.63%	25.23%	13.26%
1999 LDGV	22844	.2249	3,4649	.5915	22844	.1885	2.9067	.5433	.0364		.0482
									16.19%	16.11%	8.14%
Total	44323	.2434	3.3311	.7019	44323	.1990	2.7129	.6300	.0444		.0719
									18.25%	18.56%	10.24%
2000 LDGT1	18670	.1812	2.3850	.6532	18670	.1657	2.1625	.6209	.0155		.0324
2000 15082	7005	าายะ	2 0400	7110	7000	1011	2 2171	CE 73	8.53%	9.33%	4.95%
2000 LDGT2	7082	.2295	2.8408	.7148	7082	.1823	2.2171	.6573	.0472 20.57%	.6237 21.96%	.0575 8.04%
2000 LDGV	30228	.1774	2.9701	.5015	30228	.1467	2.6101	.4512	.0307		.0503
									17.32%	12.12%	10.02%
Total	55980	.1853	2.7586	.5791	55980	.1576	2.4111	.5339	.0277	.3474	.0452
									14.96%	12.59%	7.81%
2001 LDGT1	14706	.1125	1.8914	. 4585	14706	.0996	1.6375	. 4246	.0129	.2539	.0338
									11.49%	13.42%	7.38%
2001 LDGT2	5993	.1955	2.4595	.6281	5993	.1676	2.1155	.5837	.0279 14.28%	.3440 13.98%	.0444 7. 0 7%
2001 LDGV	24175	.1437	2.7461	.4180	24175	.1209	2.4045	.3861	.0228	.3415	.0379
			277102		2.0.0			,,,,,	15.88%	12.44%	9.08%
Total	44874	.1404	2.4277	.4593	44874	.1201	2.1146	.4219	.0203	.3131	.0375
									14.43%	12.90%	8.16%
2002 LDGT1	20962	.0853	1.6065	.3840	20962	.0790	1.3842	.3650	.0064	.2224	.0190
									7.44%	13.84%	4.94%
2002 LDGT2	6391	.1387	1.8543	.5624	6391	.1299	1.6694	.5361	.0088	.1849	.0263
2002 LDGV	29685	.1218	2.3944	.3615	29685	.1076	2.1923	.3344	6.37% .0142	9.97% .2021	4.68% .0271
	2.04.			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		12070			11.65%	8.443	7.50%
Total	57038	.1103	2.0443	.3923	57038	.0996	1.8367	.3683	.0107	.2076	.0240
									9.71%	10.16%	6.12%
2003 LDGT1	12302	.0780	1.4061	.3479	12302	.0733	1.2679	.3384	.0046	.1382	.0095
									5.91%	9.83%	2.73%

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Vehicle		Exhaust	Initial Emissions			Overall Exhaust E	missions		Emis	sion Reduct	ions
Year Type	Total	Avg HC	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC	Avg CO (gpm)	Avg NOx (gpm)		(gpm)	(dbu) Nox
2003 LDGT2	5292			.4449	5292	.1140		.4192	.0127	.2260	.0256
2003 LDGV	19788	.1048	2.1810	.3330	19788	.0951	2,0094	.3136	10.01% .0097		5.76% .0194
	27.22	72012	2,200	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	20112		210021			7.87%	
Total	37382	.0991	1.8569	.3537	37382	.0906	1.6886	.3367			
									8.51%	9.06%	4.81%
2004 LDGT1	21935	.0658	1.1553	.2589	21935	.0616	1.0649	.2508	.0043	.0904	.0081
									6.49%		
2004 LDGT2	9124	.0810	1.2720	.2690	9124	.0749	1,1743	.2539	.0061 7.58%	.0977 7.68%	.0151 5.61%
2004 LDGV	26467	.0956	2.0601	.2909	26467	.0858	1.9463	.2721	.0098		.0188
									10.27%		6.45%
Total	57526	.0819	1.5901	.2752	57526	.0748	1.4878	.2611	.0071	.1023	.0141
									8.69%	6.43%	5.12%
2005 LDGT1	11078	.0574	.9824	.2170	11078	.0551	.9482	.2099	.0023	.0342	.0071
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,	*****	70001	.,	,,,,,,	4.01%		3.27%
2005 LDGT2	4520	.0811	1.2652	.2393	4520	.0748	1.1696	.2247	.0062		.0145
2005 1 000	15506	2012	2 4435	2070	15505	4000	1 0010	2040	7.70%		6.08%
2005 LDGV	15586	.0912	2.0035	.2870	15586	.0829	1.8818	.2646	.0083 9.15%		.0224 7.86%
Total	31184	.0777	1.5337	.2552	31184	.0719	1.4469	.2394	.0059	.0868	.0158
									7.58%	5.66%	6.20%
2006 LDGT1	19463	.0512	.8789	.2197	19463	.0504	.8623	.2080	.0008	.0166	.0117
7000 FDQ17	17403	.0312	.0/07	•4171	13403	.0204	.0043	. 7808	.000a 1.56%	1.89%	5.33%
2006 LDGT2	9307	.0651	.9556	.2037	9307	.0622	.9283	.1981	.0029	.0272	.0056
				****				****	4.45%	2.85%	2.76%
2006 LDGV	33103	.0838	1.8524	.3083	33103	.0776	1.7728	.2460	.0062 7.43%	.0796 4.30%	.0623
											20.21%
Total	61873	.0708	1.4113	.2647	61873	.0667	1.3594	.2268	.0040	.0519	.0379
									5.68%	3.68%	14.31%
2007 LDGT1	5219	.0466	.8747	.1906	5219	.0453	.8331	.1847	.0012	.0416	.0059
8005	AP	48	- مسد						2.61%	4.76%	3.08%
2007 LDGT2	2592	.0562	.8757	.1947	2592	.0555	.8606	.1901	.0007 1.30%	.0151 1.73%	.0046 2.36%
									1.30%	1.138	2.301

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Vehicle		Exhaust :	Initial Enissions			Overall Exhaust E			Enis	sion Reduct	ions
Year Type	Total	Avg HC		Avg NOx	Total		Avg CO	Avg NOx (gpm)	HC (gp∎)	CO	KOx (gpn)
2007 LDGV	8088	.0778	1.7937	.2657	8088	.0756	1.7545	.2363	.0022 2.78%	.0392 2.18%	.0294 11.08%
Total	15899	.0640	1.3424	.2295	15899	.0624	1.3063	.2118	.0016 2.53%	.0361 2.69%	.0176 7.69%
2008 LDGT1	2175	.0447	.8646	.1938	2175	.0438	.8441	.1842	.0009 2.05%	.0205 2.37%	.0096 4.96%
2008 LDGT2	1199	.0499	1.0671	.1797	1199	.0493	.9939	.1758	.0007	.0733	.0039
2008 LDGV	3924	.0795	1.8658	.2526	3924	.0752	1.7922	.2227	1,34% .0043 5,46%	6.86% .0737 3.95%	2.15% .0300 11.87%
Total	7298	.0643	1.4362	.2231	7298	.0616	1.3785	.2035	.0027 4.23%	.0577 4.02%	.0196 8.80%
2009 LDGT1	915	.0454	.8359	.1908	915	.0452	.8362	.1837	.0001 .30%	0003 04%	.0071 3.70%
2009 LDGT2	433	.0468	.8413	.1707	433	.0467	.8559	.1694	.0001	0145	.0013
2009 LDGV	2144	.0793	1.8156	.2408	2144	.0737	1.7802	.2209	.24% .0056 7.09%	-1.73% .0354 1.95%	.75% .0199 8.26%
Total	3492	.0664	1.4381	.2190	3492	.0629	1.4183	. 2048	.0035 5.27%	.0198 1.38%	.0142 6.50%
2010 LDGT1	318	.0460	.8040	.1765	318	.0393	.7987	.1752	.0066 14.45%	.0053 .66%	.0012 .71%
2010 LDGT2	246	.0438	.7666	.1632	246	.0438	.7682	.1626	.0000	0016	.0006
2010 LDGV	669	.0763	1.7452	.2216	669	.0761	1.7410	.2150	.05% .0002 .21%	20% .0042 .24%	.38% .0066 2.98%
Total	1233	.0620	1.3072	.1983	1233	.0602	1.3039	,1943	.0018 2.91%	.0033 .25%	.0040 2.03%
2011 LDGT1	15	.0372	.6884	.1523	15	.0372	.6884	.1523	.0000 .00%	.0000 \$00.	.0000 .00%
2011 LDGT2	4	.0331	.7485	.1610	4	.0331	.7485	.1610	.0000 .00%	.0000 \$00.	.0000 2001
2011 LDGV	20	.0681	1.6835	.2122	20	.0681	1,6835	,2122	.000	.0000 800.	.0000 .00%

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Vehicle			Initial Emissions				l Final Emissions		Emis	sion Reduct	ions
Year Type	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	HC (gpm)	CO (gpm.)	NOx (gpm)
Total	39	.0527	1.2049	,1839	39	.0527	1.2049	.1839	.0000	.0000	.0000

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Vehicle			Initial Emissions			Overall Exhaust E			Beis	sion Reduct	ions
Year Type	Total	Avg HC (gpm)	Avg CO {gpm}	Avg NOx (gpm)	Total	Avg HC (gpm)	Avg CO (gpm)	Avg NOx (gpm)	HC (gpm)	CO (gpm)	(dbm)
Sub-Totals											
LDGV	364117	.2894	4.0963	.6524	364117	.2355	3.3765	.6113	.0539 18.62%	.7198 17.57%	.0411 6.31%
LDGT	227568	.3526	4.2600	.8048	227568	.2924	3.4519	.7587	.0602 17.08%	.8081 18.97%	.0461 5.73%
LDGT	89862	.4548	4.8896	.9185	89862	.3431	3.7064	.8429	.1116 24.55%	1.1832 24.20%	.0756 8.23%
Overall Total	681547	.3323	4.2556	.7384	681547	.2687	3.4452	.6910	.0636 19.15%	.8104 19.04%	.0473 6.41%

	ICLE															
	Type					RPM Avg CO										
1974	and ea		124 00				4854	*** **		*** **	0.50	540	1861 55	F 00	700 44	
	LDGV	2275	461.29	2.78	400.30	3.10	1/56 77.19%		1.92	287.94	2.58	22.819		5.33	780.44	4.88
	LDGT	1173	393.19	2.27	361.11	2.70			1.61	296.03	2.35		897.12	5.25	652.73	4.26
							81.76%					18,24%				
	HDGT	1121	398.74	2.33	396.20	2.64			1.96	330.15	2.44			5.37	937.05	4.31
	Total	4569	428 46	2 50	189 22	2.88	89.12%		1 85	301 38	2 48	10.88% 855		5 31	770.82	4.64
	10041	2303	720.70	4.50	307.23	2.00	81.29%		1.03	301.30	2.40	18.71%		3,31	110.02	1,01
1975																
1313	LDGV	140	220.37	1.52	196.65	2.13	106	132.32	.82	122.07	1.68	34	494.88	3.71	429.16	3.53
							75,71%					24.29%	;			
	LDGT	60	286.51	1.39	209.35	1.56			.78	114.48	1.27			2.95	449.30	2.29
	HDGT	288	378.80	2 03	328.12	2 42	71.67% 255		1 71	252 95	2 26	28.331		4 50	901 25	3.64
	HDOI	200	370.00	2.03	J20.12	4,74	88.54%		1.11	223.73		11.46%		2.70	701123	2,04
	Total	488	322.00	1.81	275.80	2.23			1.38	204.50				3.87	618.70	3.32
							82.79%					17.21%	i			
1976																
	LDGV	327	200.96	1.16	200.26	1.75	261		.86	138.28	1.40			2.33	445.35	3.15
	LDGT	150	258.05	1 27	244.30	2 81	79.82% 98		74	204 34	1 61	20.18%		2 27	319.60	2.75
	TIDAT	130	230.03	1.21	244.30	2.01	65.33%			201.31	Tint	34.67%		2,21	317.00	2.13
	HDGT	673	351.86	1.94	327.64	2.25	603	258.64	1.66	255.53	2.09	70	1154.86	4.34	948.85	3.65
		4450		4 60	444 55		89.60%		4 0=		4 50	10.40%			F66 64	
	Total	1150	296.71	1.63	280.55	2.08	962 83.65%		1.35	218.50	1.85	188 16.35%		3.06	598.04	3.23
							03.031					101034	•			
1977	LDGV	£10	206.18	1 10	178.04	1 44	308	110 02	52	113.97	1.10	110	473.17	2 70	357.43	2.38
	DDQ4	410	200.10	1.13	110.05	1.44	73.68%		.02	113.71	1,10	26.32%		4.13	221.42	2.30
	LDGT	141	262.85	1.44	259.13	1.90		153.33	.80	160.38	1.77		462.16	2.60	438.85	2.14
							64.54%					35.46%				
	HDGT	944	342.51	1.95	299.61	2.19		265.73	1.67	240.45	2.02		1071.08	4.63	860.98	3.75
	Total	1503	297.12	1.69	262,00	1.95	90.47% 1253	219.49	1.35	203.55	1.78	9.53% 250	686.21	3.42	554.99	2.82
	10011	1000	23,712	1.05	202100	2,,,,	83.37%		1.00	200152	21,0	16.63%		0712	551177	1,00
1978																
T310	LDGV	579	217.02	1.15	192.66	1.71	434	117.45	.64	121.21	1.35	145	515.05	2.68	406.49	2.77
							74.96%					25.04%		-		-•

	ICLE															
	Туре					RPM Avg CO										
	LDGT	218	262.16	1.45	203.55	1.76	138 63.30%		.64	108.70	1.15	80 36.70%		2.85	367.18	2.80
	HDGT	1119	353.24	1.89	292.05	2.04		269.29	1.63	239.31	1.93		1045.67	3.98	727.09	2.94
	Total	1916	301.71	1.61	251.95	1.91		214.40	1.27	195.18	1.70		697.90	3.17	509.52	2.83
1979									40			450				6.54
	LDGV	704	201.15	.90	176.97	1.39	525 74.57%		.37	118.10	1.09	179 25.43%	453.59	2.46	349.63	2.54
	LDGT	912	251.68	.96	243.00	1.60	616 67.54%		.36	151.58	1.23	296 32.46%	518.60	2.22	433.26	2.37
	HDGT	310	261.67	1.53	222.03	1.73	271 87.42%		1.24	183.34	1.50	39 12.58%	717.43	3.54	490.87	3.28
	Total	1926	234.82	1.03	215.49	1.54	1412 73.31%		.53	145.23	1.20	514 26.69%	511.05	2.40	408.51	2.50
1980																
	LDGV	523	165.17	.55	152.50	1.16	407 77.82%		.23	97.56	.83	116 22.18%		1.67	345.27	2.33
	LDGT	465	203.57	.81	187.09	1.41	32 4 69.68%		.30	122.87	1.06	141 30.32%	419.20	1.96	334.67	2.21
	HDGT	160	323.52	1.42	253.00	1.48	135 84,38%		1.09	171.78	1.34	25 15.63%	919.16	3.21	691.61	2.25
	Total	1148	202.79	.78	180.52	1.31	866 75. 44%		.39	118.60	.99	282 24.56%		1.95	370.68	2.26
1981																
	LDGV	497	132.69	.44	119.55	.95	346 69.62%	66.76	.15	60.45	.30	151 30.38%		1.12	254.96	2.46
	LDGT	568	217.85	.73	190.19	1.00	343 60.39%	91.90	.20	75.46	.37	225 39.61%	409.85	1.53	365.10	1.96
	HDGT	288	228.55	1.05	208.64	1.27	249 86.46%	146.69	.77	147.45	1.00	39 13.54%	751.15	2.82	599.31	2.97
	Total	1353	188.85	. 69	168.17	1.04		97.17	.33	89.03	.51	415 30.67%	396.05	1.50	347.03	2.24
1982																
	LDGV	3	84.47	.34	87.57	.80	2 66.67%		.21	68.65	.13	1 33.33%	130.50	.59	125.40	2.14
	LDGT	5	220.40	1.05	245.72	1.92	1 20.00%	50.90	.11	68.00	.07		262.78	1.28	290.15	2.38
	HDGT	194	232.84	1.10	193.62	1.24		141.71	.84	126.93	1.03		731.05	2.53	558.16	2.35

	ICLE									ISPECTION 2500						
Year	Type									Avg HC		Total	Avg HC	Avg CO	Avg HC	Avg CO
	Total	202	230.33	1.09	193.33	1.25	167 82.67%		.83	125.88	1.02		660.38	2.33	515.16	
1983																
	LDGV	5	312.82	1.87	397 .4 6	1.70	1 20.00%		.67	96.10	.17	4 80.00%	349.03	2.17	472.80	2.08
	LDGT	1	333.70	4.06	146.00	3.04		.00	.00	.00	.00	1 100.00%	333.70	4.06	146.00	3.04
	HDGT	234	239.69	1.12	206.74	1.01		156.44	.70	138.82			713.05	3.49	592.91	2.66
	Total	240	241.61	1.15	210.46	1.03	200 83.33%	156.50	.70	138.61	.72	40 16.67%	667.17	3.38	569.73	2.61
1984																
1304	LDGV	5	186.60	1.26	214.88	2.49	3 60.00%		.49	96.90	.29	2 40.00%	325.55	2.41	391.85	5.80
	LDGT	5	214.40	1.92	134.84	1.64	1 20.00%	164.40	.00	151.30	.21		226.90	2.40	130.73	2.00
	HDGT	414	206.69	1.06	150.96	.98	369 89.13%	148.02	.81	124.51	.85		687.81	3.11	367.84	2.05
	Total	424	206.55	1.07	151.52	1.00	373 87.97%	147.63	.80	124.36		51 12.03%	637.45	3.03	350.18	2.19
1900																
1985	LDGV	7	108.64	.83	148.56	.85	5 71.43%		.22	61.30	.31		248.15	2.38	366.70	2.23
	LDGT	1	157.50	.33	123.40	.59		157.50	.33	123.40	.59	28.57%	.00	.00	.00	.00
	HDGT	479	189.52	.90	144.45	.93		138.05		110.71	.69	.00% 52 10.86%	612.14		421.54	2.95
	Total	487	188.29	.90	144.47			137.11		110.17	.68		598.66	3.02	419.51	2.93
1986	LDGV	7	83.70	1.20	48.74	.85	5		.26	36.30	.22		153.60	3.57	79.85	2.42
	LDGT	7	247.59	.26	200.90	1.21	71.43%	42.60	.41	34.70	.28		401.33	.15	325.55	1.91
	HDGT	416	174.20	.85	145.41	.87	42.86%	90.28	.58	79.15	.66	57.14% 79	532.18	2.00	428.04	1.78
	Total	430	173.92	.84	144.74	.88	81.01% 345 80.23%	89.36	.57	78.15	.65	18.99% 85 19.77%	517.12	1.95	415.03	1.81

VBEC	ICLE														SPECTION	
Year	Туре			Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO
 1987																
1701	LDGV	23	129.51	.40	128.56	.68	21 91.30%		.40	78.11	.42	2 8.70%		.37	658.30	3.47
	LDGT	41	113.11	.22	97.69	,40	40 97.56%		.22	88.53	.39	1 2.44%		.29	464.00	.57
	HDGT	358	152.38	.65	127.91	.76	301 84.68%	95.05	.52	82.52	.60	57 15.92%		1.31	367.60	1.56
	Total	422	147.32	.59	125.01	.72	362 85.78%	97.98	.48	82.93	.57	60 14.22%	445.00	1.27	378.89	1.60
1988																
	LDGV	27	112.82	.20	91.31	.31	25 92.59%		.21	92.44	.33	2 7.41%		.03	77.20	.06
	LDGT	84	178.12	.40	133.58	.54		153.34	.29	118.46	.46		673.88	2.66	436.03	2.12
	HDGT	567	132.81	.61	123.53	.67	495 87.30%	80.52	.39	77.44	.50	72 12.70%	492.33	2.13	440.39	1.83
	Total	678	137.63	.57	123.49	.64	600 88.50%	91.37	.37	83.53	.49	78 11.50%	493.50	2.10	430.86	1.80
1989																
	LDGV	36	126.57	.36	103.35	.52	30 83.33%		.34	72.43	.50	6 16.67%	290.63	.50	257.97	.65
	LDGT	111	161.71	.36	125.38	.43		105.64	.22	96.59	.39		313.12	.71	203.12	.54
	HDGT	778	117.00	.52	97.02	.59	706 90.75%	78.41	.37	65.47	.47	72 9.25%	495.47	1.97	406.46	1.81
	Total	925	122.74	.50	100.67	.57	817 88.32%	81.67	.36	68.81	.46	108 11.68%	433.44	1.54	341.73	1.39
1990																
1770	LDGV	43	87.75	.26	64.07	.38	37 86.05%	50.24	.17	45.19	.28	6 13.95%	319.05	.80	180.47	1.61
	LDGT	108	166.29	.33	129.40	.48		101.70	.28	87.91	.39		295.47	.43	212.39	.64
	HDGT	775	112.32	.53	88.94	.60	700 90.32%	74.32	.37	61.96	.46		466.99	2.09	340.78	1.87
	Total	926	117.48	.50	92.51	.57		75.66	.35	63.50	.45		406.63	1.51	293.05	1.45
1991	LDGV	57	74.15	.40	73.05	.37	45 78.95%	50.63	.13	48.46	.22	12 21.05%		1.38	165.27	.94

	Туре					RPM Avg CO										
	LDGT	114	147.66	.37	135.34	.42	88 77.19%		.23	77.40	.32	26 22.81%		.84	331.44	.75
	HDGT	623	108.48	.66	83.24	.68		77.92	.41	57.87	.53		411.95	2.50	335.21	2.19
	Total	794	111.64	.55	89.99	.62	699 88. 04 %	78.29	.37	59.72	.48		357.02	1.90	312.71	1.64
1992																
	LDGV	53	116.77	.23	85.63	.31	44 83.02%		.15	58,56	.20	9 16. 9 8%		.65	217.98	.84
	LDGT	167	107.62	.26	79.86	.34	144 86.23%		.22	70.70	.30	23 13.77%	242.32	.54	137.23	.60
	HDGT	808	96.66	.51	71.20	.67	751 92.95%		.35	53.00	.52	57 7.05%	431.73	2.63	311.00	2.67
	Total	1028	99.48	.46	73.35	.60	939 91.34%		.32	55.98	.47	89 8.66%		1.89	256.69	1.95
1993																
	LDGV	38	69.16	.16	66.13	.24	33 86.84%		.11	50.85	.19	5 13.16%		.46	166.96	.64
	LDGT	53	133.43	.38	82.43	.44	46 86.79%		.26	69.01	.31	7 13.21%		1.12	176.63	1.28
	HDGT	888	96.22	.46	70.05	.56	826 93.02%		.32	48.87	.47	62 6.98%	463.55	2.33	352.23	1.68
	Total	979	97.18	. 44	70.57	.54	905 92.44%		.31	49.97	.45	74 7.56%		2.09	322.53	1.57
1994																
	LDGV	62	44.12	.16	47.93	.34		37.73		41.29			235.65	1.59	246.95	4.21
	LDGT	149	84.99	.26	84.02	.48	136 91.28%	73.27	.23	72.41	.43	13 8.72%	207.67	.52	205.48	.97
	HDGT	1132	97.16	.54	68.24	.63	1022 90.28%	62.38	.32	45.62	.44	110 9.72%	420.31	2.55	278.40	2.45
	Total	1343	93.36	.49	69.06	.60	1218 90.69%		.30	48.40	.43	125 9.31%	395.24	2.32	270.31	2.33
1995																
	LDGV	71	43.36	.12	52.79	.19	65 91.55%	32.86	.07	39.36	.16	6 8.45%	157.12	.72	198.20	.55
	LDGT	43	74.63	.21	48.53	.36	36 83.72%	61.22	.12	30.39	.22		143.61	.68	141.83	1.10
	HDGT	1418	99.27	.55	71.42	.70	1284 90.55%	63.86	.33	50.10	.51		438.54	2.58	275.74	2.48

	ICLE				ECTIONS- 2500						IS)					
Year	Type				Avg HC											
	Total	1532	95.98	.52	69.91	.66	1385 90.40%	62.34	.32	49.08	.49	147 9.60%	413.00	2.41	266.19	2.34
1996																
	LDGV	70	40.17	.20	46.99	.27	62 88.57%		.05	25.58	.11	8 11.43%	167.73	1.39	212.90	1.49
	LDGT	56	29.27	.06	23.71	.09	55 98.21%	29.68	.06	24.00	.09	1 1.79%	6.50	.01	7.70	.01
	HDGT	1558	71.88	.33	51.41	.40	1479 94.93%	52.29	.23	38.10	.31		438.61	2.26	300.54	1.97
	fotal	1684	69.14	.32	50.30	.38		50.40	.22	37.13	.30		409.08	2.16	289.24	1.90
1997																
133,	LDGV	55	30.26	.09	38.09	.10	54 98.18%		.09	33.85	.10	1 1.82%	73.00	.00	266.90	.15
	LDGT	62	43.90	.11	43.33	. 25	60 96.77%	42.72	.10	38.43	.20		79.35	.13	190.40	1.68
	HDGT	1660	67.40	.26	52.36	.28	1603 96.57%	53.77	.21	41.12	.25		450.60	1.45	368.51	1.23
	Total	1777	65.43	.25	51.60	.28	1717 96.62%	52.62	.21	40.79	.24		431.93	1.39	360.88	1.23
1998																
1370	LDGV	91	31.72	.06	34.83	.14	89 97.80%	29.12	.05	31.24	.12	2 2.20%	147.60	.43	194.70	1.36
	LDGT	133	56.93	.12	39.28	.18	128 96.24%	52.51	.11	35.50	.17		170.08	. 45	136.12	.41
	HDGT	1440	90.77	.27	56.49	. 28	1356 94.17%	65.00	.20	43.98	.24	84	506.68	1.43	258.57	.85
	Total	1664	84.83	.25	53.93	.26		61.95	.18	42.57	.23		480.30	1.35	250.43	.83
1999																
1,777	LDGA	131	25.91	.08	24.80	.13	126 96.18%		.03	17.14	.05	5 3.82%		1.29	217.92	2.17
	LDGT	762	45.64	.17	32.98	.15	732 96.06%	42.01	.15	28.46	.14		134.13	.60	143.27	.34
	HDGT	2108	62.88	.20	43.21	.22		48.71	.16	35.47	.20		463.54	1.18	262.19	.75
	Total	3001	56.89	.18	39.81	.19	2894 96,43%	45.65	.15	32.90	.18		360.73	1.03	226.78	.70

VEH:	CLE										(S					
Year	Type	Total	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	RPM Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO
2000												******				
2000	LDGV	177	22.18	.04	20.60	.08	172 97.18%		.04	17.93	.07	5 2.82%		.20	112.40	.46
	LDGT	1641	28.48	.10	26.68	.09	1561 95.12%	26.23	.08	23.23	.08		72.44	.38	94.00	.33
	HDGT	2725	58.02	.18	39.85	.17		42.49	.13	29.56	.13		517.98	1.61	344.41	1.26
	Total	454 3	45.95	.14	34.34	.14	4369 96.17%		.11	26.84	.11	17 4 3.83%		1.00	222.61	.81
2021																
2001	LDGV	228	26.50	.05	24.16	.09	215 94.30%		.04	16.92	.07	13 5.70%		.20	143.93	.40
	LOGT	2076	22.99	.09	19.79	.07	1986 95.66%	21.64	.07	18.90	.06		52.73	.56	39.23	.19
	HDGT	2005	41.08	.12	29.04	.14	1980 98.75%	36.45	.10	25.39	.12		408.43	1.26	318.30	1.21
	Total	4309	31.60	.10	24.32	.10	4181 97.63%	28.45	.08	21.87	.09	128 2.97%		.66	104.37	.41
2002	LDGV	211	12.95	.06	12.95	.07	208 98.58%		.01	9.80	.03	3 1.42%	322.33	3.38	231.53	3.27
	LDGT	2235	30.60	.17	22.23	.11	2102 94.05%	26.94	.11	20.68	.08		88.38	1.07	46.77	.46
	HDGT	2365	38.53	.11	26.85	.13	2342 99.03%	37.24	.10	26.63	.13	23 .97%	170.33	.50	49.48	.33
	Total	4811	33.72	.13	24.09	.12	4652 96.70%	31.30	.10	23.19	.10	159 3.30%	104.65	1.04	50.65	.49
2003	LDGY	330	13.53	.04	18.15	.08	326 98.79%	7.81	.01	11.20	.04	4 1.21%	479.50	2 .4 8	584.18	2.80
	LDGT	1376	25.73	.10	19.05	.07	1308 95.06%	21.60	.08	16.24	.07		105.12	.59	72.98	.23
	HDGT	1552	29.27	.10	21.47	.13	1537 99.03%	26.01	.08	18.74	.11		362.37	2.25	300.63	2.27
	Total	3258	26.18	.10	20.11	.10	3171 97.33%	22.32	.07	16.94	.09		166.69	.96	135.73	.70
2004	LDGV	362	8.29	.03	10.12	.06	356 98.34%	7.92	.02	9.26	.04	6 1.66%	30.12	.21	61.17	1.28

	ICLE									(SPECTION 2500				VITIAL IX		
	Type									Avg HC						
	LDGT	2022	11.74	, 05	12.20	.04	1957 96.79%	11.14	.05	11.92	.04	65 3.21%	29.64	.12	20.44	.12
	HDGT	2349	19.94	.04	15.42	.08	2342 99.70%	19.06	.05	14.58	.08		315.26	.04	298.11	.03
	Total	4733	15.55	.05	13.64	.06		14.88	.04	13.05	.06		55.31	.12	48.49	.20
2005																
	LDGV	325	7.97	.03	12.63	.06	322 99.08%	7.73	.03	10.99	.05	3 .92%		.12	189.07	1.95
	LDGT	937	13.24	.04	13.38	.04	904 96.48%	12.45	.03	13.10	.04	33 3.52%		.16	21.01	.08
	HDGT	938	19.14	.05	13.49	.07	936 99.79%	18.28	.05	13.41	.07	2 .21%	418.80	1.27	50.95	.98
	Total	2200	14.98	.04	13.32	.06	2162 98.27%	14.27	.04	12.92	.06	38 1.73%		.22	35.85	.28
2006																
	LDGV	575	10.17	.04	12.94	.08	561 97.57%	7.50	.02	9.63	.04	14 2.43%	116.99	.85	145.22	1.74
	LDGT	1334	7.06	.02	8.52	.03	1291 96.78%	6.92	.02	8.43	.03		11.14	.02	11.17	.09
	HDGT	2277	15.25	.04	11.67	.05	2265 99.47%	14.02	.03	11.24	.05		248.29	.51	92.58	.21
	Total	4186	11.94	.03	10.84	.05		10.90	.03	16.14	.04	69 1.65%	73.86	.27	52.53	.44
2007																
	LDGV	229	2.47	.00	4.26	.01	228 99.56%	2.41	.00	4.20	.01	1 .44%	15.90	.01	18.90	.00
	LDGT	509	3.76	.01	6.32	.03	496 97 .4 5%	3.80	.01	6.00	.02	13 2.55%	2.40	.01	18.68	.60
	HOGT	443	9.02	.02	7.12	.04	443 100.00%	9.02	.02	7.12	.04	0 300.	.00	.00	.00	.00
	Total	1181	5.48	.01	6.22	.03	1167 98.81%	5.51	.01	6.07	.02	14 1.19%	3.36	.01	18.70	.56
2008																
	LDGV	322	4.99	.01	6.89	.01	322 100.00%	4.99	.01	6.89	.01	0 . 00 %	.00	.00	.00	.00
	LDGT	215	3.76	.02	4.61	.03	212 98.60%	3.77	.02	4.61	.03	3 1.40%	3.40	.02	4.27	.01
	HDGT	201	9.31	.02	8.11	.67	201 100.00%	9.31	.02	8.11	.07	0 .00%	.00	.00	.00	.00

VEH	ICLE				ECTIONS-		PA			(SPBCTION					ISPECTION	
Year	Туре				Avg HC					Avg HC					Avg HC	
	Total	738	5.81	.02	6.55	,03	735 99.59%	5.82	.02	6.56	.03	3 .41%	3.49	.02	4.27	.01
2009	LDGV	82	2.65	.01	3.91	.02	82	2.65	.01	3.91	.02	0	.00	.00	.00	.00
	LDGT	87	2.08	.01	4.34	.02	100,00% 87	2.08	.01	4.34	.02	.00°.	.00	.00	.00	.00
	HDGT	169	24.71	.01	26.33	.06	100.00% 169 100.00%	24.71	.01	26.33	.06	\$00. 0 \$00.	.00	.00	.00	.00
	Total	338	13.53	.01	15.23	.04		13.53	.01	15.23	.04	0 \$00.	.00	.00	.00	.00
2010																
	LDGV	9	11.13	.02	13.81	.05	9 100.00%	11.13	.02	13.81	.05	0 800.	.00	.00	.00	.00
	LDGT	38	1.84	.02	2.20	.01	36 94.74%	1.90	.02	2.26	.01	2 5.26%	.90	.00	1.15	.02
	HDGT	174	49.90	.01	53.60	.02	98.85%		.01	53.54	.02	1.15%		.03	58.30	.01
	Total	221	40.06	.01	43.14	.02	217 98.19%	39.10	.01	43.39	.02	4 1.81%		.01	29.73	.01
2011																
	LDGV	1	2.40	.00	1.50	.00	1 100.00%	2.40	.00	1.50	.00	0 \$ 00 .	.00	.00	.00	.00
	HDGT	2	1.05	.00	1.55	.00	2 100.00%	1.05	.00	1.55	.00	0 300.		.00	.00	.90
	T otal	3	1.50	.00	1.53	.00	3 100.00%	1.50	.00	1.53	.00	0 \$00.	.00	.00	.00	.90

VEHICLE		ALL INIT		ECTIONS-		PA								ISPECTION	-
Year fype	Total	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO
Sub-Totals															
LDGV	9098	190.26	1.02	168.88	1.32	7652	108.25	.61	107.41	.94	1446	624.23	3.23	494.18	3.31
						84.11%					15.89%				
LDGT	18059	81.42	.37	72.71	.46	16256	48.81	.20	47.63	.31		375.47	1.86	298.90	1.76
						90.02%					9,98%				
HDGT	35953	106.60	.51	86.88	.58	34010	75.91	.38	65.02	.48	1943	643.74	2.71	469.52	2.30
						94.60%					5.40%				
Overall															
Total	63110	111.45	.54	94.65	. 65	57918 91.77%	72.58	.36	65.74	.49	5192 8.23%	545.14	2.56	417.14	2.39

	ICTE				JST AND V 2500											
Year	Туре	fotal	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO
1974	and ea:															
1714	LDGV		1043.06	5.47	604.61	7.06	498	1035.29	5.39	791.30	4.84	26	264.03	1.17	271.74	2.87
		.48%					21.89%					1.14%				
	LDGT		1255.65	7.92	1135.05	7.96	207		5.27	650.85	4.25	13		2.01	380.21	2.15
	HDGT	.17% 3	1742.00	3.85	1898.00	5.85	17.65% 116		5.52	920.21	4.31	1,11% 10		1.93	394.61	3.08
		.27%		0.00	2073177	5,00	10.35%		5,42	720122		.89%		1170	0,1,01	0100
	Total		1200.69	5.48	913.43		821		5.38	774.10	4.61	49		1.55	325.59	2.72
		.35%					17.97%					1.07%				
1975		_										_	** **			
	LDGV	2 1.43%	976.95	5.30	1049.50	5.04	25 17.86%		4.48	470.78	4.08	7 5.00%		.57	89.67	1.23
	LDGT		550.20	3.76	1060.00	.98	17.00%		3.84	492.68	3.26	3.00s 1		2.53	215.00	1.89
		3.33%					16.67%					1.67%				
	HDGT		.00	.00	.00	.00	30		4.70	960.40	3.86	3		2.48	309.67	1.37
	Potal	.00% 4	763.58	4.53	1054.75	3.01	10.42% 65		4.48	700.13	3.85	1.04% 11		1.27	161.06	1.32
	10041	.82%		1130	1024112		13.32%		7170	100110	0,03	2.25%		1.27	101.00	1.02
1976																
1310	LDGV	2	801.50	1.08	233.90	2.71	39	613.42	3.37	625.43	4.15	15	157.63	.88	201.30	1.79
		.61%					11.93%					4.59%				
	LDGT		1135.20	6.15	1195.85	7.56	24		3.28	383.36	2.99	12		1.32	264.47	2.25
	HDGT	1.33%	2000.00	4.92	1168.30	1.83	16.00% 55		5 01	1044.77	3 97	8.00% 20		1.63	426.13	2.21
		.15%		1172	1100.00	1100	8.17%		3.01	1011111	0,5,	2.97%		1,00	120.13	2121
	Potal		1174.68	3.88	805.56	4.47	118		4.12	771.65	3.83	47		1.31	313.10	2.09
		.43%					10.26%	i				4.09%				
1977																
	LDGV	10 2.39%	787.42	4.42	542.86	4.20	77		3.21	415.50	2.65	14		.51	110.02	1.08
	LDGT		489.83	3.76	565.80	1.94	18.42% 34	566.09	3.16	506.94	2.38	3.35%	191.21	1.05	241.37	2.70
		2.84%					24.11%					4.96%				••••
	HDGT		1007.00	3.70	1837.50	6.01		1227.78	5.31	951.68	4.13		333.84	1.57	278.33	1.73
	Total	.21%	740.47	A 16	710.43	3 86	7.73% 184		1 03	645.12	3.19	1.91%	232.98	1 10	211.28	1.67
	Intat	1.06%		4.10	110.43	3.00	12.24%		4.62	043.14	3,17	2.59%		1.10	211.20	1.01
1070																
1978	LDGV	10	801.00	4.49	615.58	3.37	106	586.44	3.00	457.24	3.00	22	169.50	.81	211.38	1.67
		1.73%				-151	18.31%		,,,,,	: 		3.80%				=**:

VEH	ICLE				IST AND V 2500											
Year	Туре	fotal	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO
	LDGT		850.70		643.70			551,26					129.14		143.24	
	HDGT	1 .09%	2201.00	5.53	2201.00	9.87	92 8.22%		4.61	850.66	3.15	32 2.86%	339.04	1.81	285.02	1.98
	Total	22 1.15%	889.49	4.99	701.70	4.50	249 13.00%		3.60	584.02	3.04	64 3.34%		1,33	237.55	1.78
1979																
	LDGV	14 1.99%	546.93	3.33	285.51	2.97	131 18.61%		2.86	413.25	2.75	20 2.84%		.55	135.38	1.72
	LDGT	30 3.29%	635.72	3.55	604.40	3.52	202 22.15%		2.57	500.71	2.57	37 4.06%	139.59	.44	148.35	1.42
	HDGT	1 .32%	463.40	5.64	246.30	4.93	24 7.74%		4.91	656.49	4.31	14 4.52%	342.76	1.05	224.41	1.42
	Total		604.27	3.53	497.23	3.38		607.34	2.83	479.09	2.75	71 3.69%	182.87	.59	159.69	1.51
1980																
	LDGV	9 1.72%	550.22	2.93	627.31	5.14	80 15.30%		2.00	399.50	2.40	19 3.63%		.28	91.82	1.02
	LDGT	12 2.58%	584.82	2.76	389.66	2.09	89 19.14%	529.87	2.57	425.55	2.70	18 3.87%	140.61	.23	123.63	1.22
	HDGT		508.95	4.38	286.95	3.57	17 10.63%	1217.64	3.89	933.65	2.43		210.23	.88	140.72	1.30
	Total		564.68	2.97	473.72	3.41	186 16.20%	585.86	2.44	460.79	2.55	43 3.75%	125.40	.34	111.96	1.14
1981																
	LDGV	8 1.61%			450.09						2.80	22 4.43%		.21	76.47	.41
	LDGT		623.28		561.71			441.17					93.33	.27	77.69	.38
	HDGT		990.13	5.29	736.43	3.24	25 8.68%	898.86	3.24	730.40	3.59		336.68	1.02	250.13	1.27
	Total		611.56	2.46	550.86	3.64	315 23.28%	429.48	1.63	376.29	2.43		140.81	.40	113.52	.58
1982																
	LDGV	0 \$00.		.00	.00	.00	1 33.33%		.59	125.40	2.14	.00%		.00	.00	.00
	LDGT	.00%	.00	.00	.00	.00		262.78	1.28	290.15	2.38	.00%	.00	.00	.00	,00
	HDGT		781.80	4.99	447.46	3.07	16 8.25%	987.97	2.21	779.53	2.23		216.84	1.56	195.77	1.88

VEHICLE	B -FAIL		oth exhai												
Year Typ	pe Tota		LE Avg CO												
Tot	tal 2.4	781.80	4.99	447.46	3.07	21 10.40%		1.96	655.17	2.26	11 5.45%		1.56	195.77	1.88
1983															
FDG	GV .0) .00 }}	.00	.00	.00	3 60.00%		2.45	604.07	2.41	.00%		.00	.00	.00
LDG	GT .0) .00 }{	.00	.00	.00	1 100.00%	333.70	4.06	146.00	3.04	0 100.		.00	.00	.00
HDO	GT .81	264.35 38	4.65	300.70	1.80	23 9.83%		4.44	809.04	3.02	11 4.70%	211.88	1.11	156.69	1.88
Tot	tal .8	2 264.35 3%	4.65	300.70	1.80	27 11.25%		4.21	761.71	2.95	11 4. 58%		1.11	156.69	1.88
1984															
1304	GV .0	.00 12	.00	.00	.00	2 40.00%	325.55	2.41	391.85	5.80	0 .00%		.00	.00	.00
LDG		219.90	2.22	112.15	2.18		233.90	2.58	149.30	1.82	.00. 800.	.00	.00	.00	.00
HDO		527.13	5.00	235.93	2.72		936.20	3.60	495.01	2.03		216.35	1.06	137.14	1.42
Tot		3 450.33	4.30	204.99	2.59	30 7.08%	848.67	3.45	465.09	2.27	19 4.48%	216.35	1.06	137.14	1.42
1005															
1985 LD(GV .0	00. 6	.00	.00	.00	2 28.57%	248.15	2.38	366.70	2.23	0 800.		.00	.00	.00
LDO		00.	.00	.00	.00		.00	.00	.00	.00	.00. 300.	.00	.00	.00	.00
HDO		731.66	4.33	318.92	2.68		801.13	4.08	557.24	3.31		257.01	1.02	215.44	1.76
Tot	tal 1.0	731.66		318.92			765.45		544.95			257.01	1.02	215.44	1.76
1986															
TD(00. 6	.00	.00	.00	2 28.57%		3.57	79.85	2.42	1 14.29%		.00	1.70	.00
LDO		473.90	.34	445.30	1.80	28.57% 28.57%	525.80	.03	389.75	2.52	14.29%	79.80	.19	77.40	.80
HD(8 689.55	2.67	398.58	2.11	60 14.42%	585.36	2.11	489.10	1.93		116.14	.89	88.00	.89
fot		665.59	2.41	403.77	2.08	64 14.88%	570.01	2.09	473.21	1.96	23 5.35%	109.54	.82	83.78	.85

VEH	CLE				JST AND V 2500											
Year	Туре				Avg HC											
1987		~~~~		*****	~~~~									~~~~~		
1,701	LDGV	0	.00	.00	.00	.00	2		.37	658.30	3.47	1		.09	30.80	.60
	LDGT	,00% 0		.00	.00	.00	8.70% 1		20	464.00	.57	4.35% 0		.00	.00	.00
	TOGI	.00%		.00	.00	.00	2.44%		,27	101.00	•47	.00%		,,,,	100	100
	HDGT	9 2.51%	497.63	.99	480.41	2.48	39 10.89%	522.19	1.58	403.55	1.57	13 3.63%		.53	106.80	.66
	Total		497.63	.99	480.41	2.48	42		1.49	417.12	1.63	3.038		.50	101.37	.66
		2.13%					9.95%					3.32%				
4000																
1988	LDGV	0	.00	.00	.00	.00	1	284.80	.00	86.10	.00	0	.00	.00	.00	.00
		.00%					3.70%					.00%				
	LDGT	.00%		.00	.00	.00	4 4.76%		2.66	436.03	2.12	1 1.19%		.03	64.60	.63
	HDGT		216.65	4.27	106.10	2.24	54		2.42	559.69	2.13	27		.40	78.94	.51
	1	.71%			444.44		9.52%					4.76%				_,
	Total	.59%	216.65	4.21	106,10	2.24	59 8.70%		2.39	543.27	2.09	28 4.13%		.39	78.43	.51
1989																
	LDGV	0		.00	.00	.00	6		.50	257.97	.65	1		.71	28.70	.63
	LDGT	.001 0		.00	.00	.00	16.67% 29	321.79	.73	208.07	.56	2.78% 0		.00	.00	.00
		.00%					26.13%					.00%				
	HDGT	6 .77%	1090.57	4.13	1048.15	4.29	51 6.56%	542.26	2.16	428.59	1.86	29 3.73%		.30	81.19	.48
	Total		1090.57	4.13	1048.15	4.29	86		1.56	342.33	1.34	3.73%		.32	79.44	.49
		.65%					9.30%					3.24%				
1000																
1990	LDGV	0	.00	.00	.00	.00	5	379.90	.94	214.58	1.21	3	52.87	.13	58.37	.18
		.00%					11.63%					6.98%				
	LDGT	8 800.		.00	.00	.00	36 33.33%	295.47	.43	212.39	.64	0 100.	.00	.00	.00	.00
	HDGT		527.42	2.69	364.92	2.23		521.38	2.19	380.41	1.96		105.98	.69	94.82	.74
		1.29%					6.97%			*** **		4.26%				4-
	Total	10 1.08%	527.42	2.69	364.92	2.23	95 10.26%	428.32	1.45	308.01	1.42	36 3,89%	101.55	.64	91.78	.69
1991																
	LDGV	1 1.75%	85.40	.09	267.60	.59	9 15.79%		1.83	188.90	1.18	0 .00%	.00	.00	.00	.00

VEH	ICLE										 RPM					
Year	Туре										Avg CO					
	LDGT	.00%		.00	.00	.00	25 21.93%	339.00	.88	344.14	.78	0 .00%	.00	.00	.00	.00
	HDGT	.80%	343.44	3.82	157.50	2.38	44 7.06%	480.19	2.71	390.29	2.43	41 6.58%	81.99	.50	72.61	.57
	Total		300.43	3.20	175.85	2.08	78 9.82%	403.07	2.02	352.26	1.76	41 5.16%	81.99	.50	72.61	.57
1992																
	LDGV	0 .00%		.00	.00	.00	8 15.09%		.73	239.99	.95	1 1.89%		.00	.30	.00
	LDGT	.00%		.00	.00	.00	22 13.17%	251.65	.56	140.75	.60	1 .60%		.02	60.00	.55
	HDGT	4 .50%	450.10	3.44	486.85	4.90		499.34	2.99	344.46	2.90	43 5.32%		.58	66.95	.66
	Potal		450.10	3.44	486.85	4.90	73 7.10%	413.53	2.01	271.62	1.99	45 4.38%	90.77	.55	65.32	.65
1993																
	LDGV	1 2.63%	321.00	.54	221.00	.22	4 10.53%		.44	153.45	.74	2 5.26%		.04	39.35	.23
	LDGT		.00	.00	.00	.00	7 13.21%	294.59	1.12	170.63	1.28	1 1.89%	16.80	.00	24.30	.00
	HDGT		770.72	5.32	416.78	3.02	46 5.18%	520.18	2.45	410.35	1.84	37 4.17%	99.49	.57	77.67	.83
	Total		695.77	4.53	384.15	2.56	57 5.82%	471.02	2.15	362.88	1.69		93.62	.53	74.42	.78
1994																
	LDGV	1 1.61%	226.30	.50	179.90	.73	1 1.61%		2.67	314.00	7.69	4 6.45%		.04	35.28	. 25
	LDGT	.00%	.00	.00	.00	.00		238.25	.60	231.45	1.10	6 4.03%	51.33	.16	42.73	.23
	HDGT		482.24	3.26	388.00	2.36		466.87	2.81	306.12	2.76	43 3.80%	86.21	.41	54.32	.48
	Total		450.25	2.92	361.99	2.15		439.78	2.56	298.07	2.63	53 3.95%	77.66	.35	51.57	.44
1995																
	LDGV	1 1.41%	416.80	2.21	676.10	.81	3 4.23%		.68	139.60	.78	5 7. 04 %	68.38	.08	74.24	.24
	LDGT		149.60	2.57	256.40	2.13		265.03	.72	228.33	1.74	3 6.98%	34.73	.15	18.17	.03
	HDGT		403.92	3.12	195.87	2.19		476.34	2.75	300.66	2.71	6.988 60 4.238	86.05	.52	73.13	.65

VEHIC					IST AND V 2500											
Year T					Avg HC											
T(otal	11 .72%	381.97	2.99	245.03	2.06	120 7.83%	462.91	2.65	294.83	2.64	68 4.44%	82.49	.47	70.79	.59
1996																
	DGV	2 2.86%	197.70	.92	248.75	.69	5 7.14%	156.66	1.73	218.74	1.97	5 7.14%		.30	82.02	.35
L	DGT	0 .00%	.00	.00	.00	.00	.00%	.00	.00	.00	.00	5 8.93%	35.90	.03	37.34	.07
H	DGT		523.24	2.14	405.53	1.71		504.13	2.70	338.94	2.40	126 8.09%	73.74	.30	57.10	.37
T	otal		468.98	1.94	379.40	1.54		475.65	2.62	329.09	2.36	136 8.08%	72.72	.29	57.29	.36
1997																
	DGV	0 .00%	.00	.00	.00	.00	1 1.82%		.00	266.90	.15	5 9.09%		.11	51.72	.26
L	DGT	.00. 9 800.	.00	.00	.00	.00		79.35	.13	190.40	1.68	9.68%	34.45	.12	29.93	.13
H	DGT		766.81	2.07	686.42	1.24		549.00	1.72	436.55	1.70	164 9.88%	71.68	.28	82.60	.38
Ŧ	otal		766.81	2.07	686.42	1.24		504.78	1.57	415.87	1.65		69.43	.27	79.91	.36
1998 L	.DGV	0	.00	.00	.00	.00		147.60	.43	194.70	1.36			.06	40.66	.11
Ĺ	DGT	800. 0 800.	.00	.00	.00	.00	2.20% 3 2.26%	238.53	.72	188.23	.59	8.79% 17 12.78%	75.38	. 25	44.60	.27
H	DGT		628.33	1.87	473.59	.90		552.33	1.53	263.87	.90	122 8.47%	70.93	.24	54.78	.29
Ţ	otal		628.33	1.87	473.59	.90		528.01	1.47	258.80	.90		68.69	.23	52.83	.28
1000																
1999 L	DGV	0 .00%	.00	.00	.00	.00	4 3.05%		1.62	272.18	2.71	4 3.05%		.10	29.70	.10
ļ	DGT	6	310.43	1.67	374.92	.78	5	207.86	.74	210.82	.17	3.05% 106 13.91%	65.83	.26	43.80	. 24
H	DGT		770.13	2.11	680.95	2.04		494.45	1.19	224.42	.59	210	61.27	. 25	53.33	.31
T	otal	.47% 16 .53%	597.74	1.95	566.19	1.57	2.37% 59 1.97%	456.96	1.18	226.51	.70	9.96% 320 10.66%	62.34	.25	49.88	.29

	CLE				IST AND V											
Year	Туре				Avg HC											
2000																
2000	LDGV	2	308.50	40	147.50	.58	1	290 00	18	135.00	53	18	39.23	11	46.34	.16
	1001	1.13%		, 40	141120	130	.56%		110	155.00	.55	10.17%		.11	70.07	.10
	LDGT		248.06	2.10	351.91	.99	12	198.77	.71	279.26	.99	187	35.90	.14	31.87	.12
	775.6M	.43%		4 80	PAR 44	4 •4	.73%					11.40%				
	HDGT	12 .44%	639.85	1.72	585.43	1.84	71 2.61%		1.69	326.18	1.25	142 5.21%		.20	43.86	.19
	Total		477.70	1.72	465.89	1,44	84		1.53	317.20	1.20	347		.16	37.53	.15
		.46%					1.85%					7.64%				
2001																
2001	LDGV	4	263.50	.32	220.00	.66	4	290.00	.33	231.50	.59	16	53.73	.06	43.27	.19
		1.75%					1.75%					7.02%				
	LDGT		122.85	1.26	123.15	.81	25		1.60	61.62	.33	183		.14	28.31	.11
	HDGT	.29% 3	873.60	1 16	807.37	2.39	1.20% 11		2 18	423.41	1.81	8.82% 141		.16	41.01	.19
	imot	.15%		1.10	061.01	2.03	.55%		2.10	443,41	1.01	7.03%		.10	41,01	.13
	Total		339.38	.95	310.85	1.13	40		1.63	178.10	.76	340		.14	34.28	.15
		.30%					.93%					7.89%				
2002																
	LDGV	0	.00	.00	.00	.00	3	322.33	3.38	231.53	3.27	9	16.83	.01	20.78	.06
		.00%					1.42%					4.27%				
	LDGT		144.16	1.83	78.64	.73	65		1.65	58.90	.67	216	36.32	.17	28.54	.13
	HDGT	.72%	254.85	1.57	68.75	.33	2.91% 6		1 01	95.63	.98	9.66% 135	53.45	.14	33.92	.17
		.08%		110,	VU173	100	.25%		1101	73.00	.,,,	5.71%		141	30174	111
	Total		156.46	1.80	77.54	.69	74		1.67	68.88	.80	360		.16	30.37	.15
		.37%					1.54%					7.48%				
2003																
	LDGV	0		.00	.00	.00		617.03	3.27	749.77	3.56	14	23.79	.06	27.07	.26
	LDGT	.00%	766.63	01	774.30	1.21	.91%	124.15	1 50	45.31	.31	4.24% 130	33.66	.12	22.44	.11
	TIDGI	.29%		.71	114.20	1.21	20 1.45%	124.13	1.32	43.31	.31	9.45%		.14	22.44	,11
	HDGT		1204.45	5.94	1224.90	6.84		380.77	2.93	253.31	2.63	91	40.63	.15	32.15	.20
		.13%					.45%					5.86%				*
	Total		912.57	2.59	924.50	3.09		233.31	2.03	164.29	1.18	235	35.77	.13	26.48	.15
		.18%					.92%					7.21%				
2004																
	LDGV	9	.00	.00	.00	.00	2	20.55	.03	120.85	3.28	13		. 25	34.23	.24
		.00%					.55%					3.59%				

	ICLE									AUST ONLY						
	Type									Avg HC						
	LOGT	.00%	.00	.00	.00	.00	4 .20%	125.10	.97	24.08	.72	110 5.44%	15.56	.07	14.16	.05
	HDGT	0	.00	.00	,00	.00		1970.10	.09	2000.00	.09	110 4.68%	25.64	.06	26.00	.11
	Total	.00 0 300.	.00	.00	.00	.00		358.80	.58	334.00	1.36	233 4.92%	21.48	.07	20.87	.09
2005																
	LDGV	0 800.		.00	.00	.00	3 .92%	33.73	.12	189.07	1.95	7 2.15%		.01	19.66	.04
	LDGT	0 800.		.00	.00	.00	1 .11%	745.10	4.51	106.30	1.26	34 3.63%		.04	17.13	.05
	HDGT	0 .00%		.00	.00	.00	2 .21%	418.80	1.27	50.95	.98	38 4.05%	28.53	.13	23.37	.19
	Total	9 .00%		.00	.00	.00	6 .27%	280.65	1.23	129.23	1.51	79 3.59%		.08	20.36	.12
2006																
	LDGV	1 .17%	177.00	1.31	287.30	1.44	6 1.04%	206.97	1.65	255.82	3.70	11 1.91%	28.67	.11	22.64	.09
	LDGT	0 .00%	.00	.00	.00	.00	1 .07%		.00	42.60	2.36	36 2.70%	10.09	.02	10.75	.05
	HDGT	1 .04%	518.90	3.55	106.80	.37	6 . 26%	400.70	.42	156.72	.32	99 4.35%	24.08	.08	21.00	.15
	Total		347.95	2.43	197.05	.91		280.56	.95	193.68	2.04	146 3.49%	20.98	.07	18.60	.12
2007																
	LDGV	0 .003	.00	.00	.00	.00	0 800.	.00	.00	.00	.00	4 1.75%		.03	7.35	.02
	LDGT	0 .00%	.00	.00	.00	.00	1 .20%	.00	.00	187.00	7.69	9 1.77%		.02	12.71	.05
	HDGT	0 .00%	.00	.00	.00	.00	.00%	.00	.00	,00	.00	5 1.13%	7.40	.02	5.74	.01
	Total	.00%	.00	.00	.00	.00	1 .08%	.00	.00	187.00	7.69	18 1.52%	12.33	.02	9.58	.03
2008											•					
	LDGA	0 .00%	.00	.00	.00	.00	0 180.	.00	.00	.00	.00	2 .62%	9.15	.01	14.95	.09
	LDGT	.00%	.00	.00	.00	.00	.00%	.00	.00	.00	.00	3 1.40%	2.20	.01	3.87	.02
	HDGT	0 .00%	.00	.00	.00	.00	.00° 100°	.00	.00	.00	.00	5 2.49%	4.76	.04	8.34	.05

VBH	ICLE				IST AND V					UST ONLY					IAL ONLY- 2500	
Year	Type				Avg HC					Avg HC		Total	Avg HC	Avg CO	Avg HC	Avg CO
	Total	0 .00%	.00	.00	.00	.00	.00°	.00	.00	.00	.00	10 1.36%	4.87	.02	8.32	.05
2009																
	LDGV	0 800.	.00	.00	.00	.00	0 .00%	.00	.00	.00	.00	1 1.22%	.30	.02	.40	.10
	LDGT	0	.00	.00	.00	.00	.00%	.00	.00	.00	.00	.00%	.00	.00	.00	.00
	HDGT	.001	.00	.00	.00	.00	.00s .00s	.00	.00	.00	.00	.00s 0 300s	.00	.00	.00	.00
	Total	0 100.	.00	.00	.00	.00	0 .00%	.00	.00	.00	.00	1 .30}	.30	.02	.40	.10
2010																
	LDGV	0 .00%	.00	.00	.00	.00	0 800.	.00	.00	.00	.00	1 11,11%		.04	33.80	.21
	LDGT	.003 .003	.00	.00	.00	.00	.00%	.00	.00	.00	.00	.00%	.00	.00	.00	.00
	HDGT	.00. 0 .00%	.00	.00	.00	.00	.57%	352.00	.00	92.00	.00	.57%	14.80	.05	24.60	.01
	Total	0 .00\$.00	.00	.00	.00	1 .45%	352.00	.00	92.00	.00	2 .90%	18.80	.05	29.20	.11
2011																
2011	LDGV	0 300.	.00	.00	.00	.00	0 300.	.00	.00	.00	.00	.00%	.00	.00	.00	.00
	HDGT	.00°	.00	.00	.00	.00	.00°	.00	.00	.00	.00	.00%	.00	.00	.00	.00
	Total	0 800.	.00	.00	.00	.00	.008	.00	.00	.00	.00	0 .00%	.00	.00	.00	.00

ARHICTE				IST AND V 2500						 RPM]				
Year Type	Total	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO	Total	Avg HC	Avg CO	Avg HC	Avg CO
**** ****						*****					20000				
Sub-Totals															
LDGV	79	636.76	3.19	472.78	3.71	1159	713.54	3.70	562.66	3.66	281	93.83	.38	99.63	.88
	.87%					12.74%					3.09%				
LDGT	129	530.20	2.96	485.16	2.75	1073	529.80	2.62	407.25	2.36	1176	50.12	.20	42.63	.26
	.71%	i				5.94%					6.51%				
HDGT	156	664.85	3.05	529.88	2.51	1427	758.64	3.15	542.87	2.58	1923	84.94	.37	71.79	.47
	.43%	i				3.97%					5.35%				
Overall															
Total	364 .58%	611.04	3.05	501.64	2.86	3659 5.80%	677.25	3.17	509.37	2.86	338 0 5.36%	73.56	.31	63.96	.43

Colorado

I/M Eligible Vehicle Report, Evaluated Vehicles Friday, 11-February-2011

Report Start: Jan, 2010

Report Period:

Year

County: All Counties

		Emis.		Meet Time	and Locatio	n Criteria									Emis.
Model	Veh.	Due	0 11:40	No A LISA	7 H:45	Yes			Total	Davaant	со	ше	NOV	Accel	Due Veh.
Year	Туре	Veh.	0 Hits	1 Hit	2+ Hits	1 Hit	2+ Hits		Total	Percent	CO	НС	NOX	Accel	Evaluated
1967	U	1	1	0	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
	J	•	100.00%	0.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
Total F	or 1967	1	100.00 /6	0.00%	0.00%	0.00 % 0	0.00 /8	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.0076
. ota. i	0. 1001	•	100.00%	0.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
1971			100.0070	0.0070	0.0070	0.0070	0.0070	Not Clean.	U	0.00 /0	0.0000	0.0000	0.0000	0.00	0.00 /6
1971	U	1	1	0	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			100.00%	0.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
Total F	or 1971	1	1	0	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.0070
			100.00%	0.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
1972															
	U	1	1	0	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			100.00%	0.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
Total F	or 1972	1	1	0	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			100.00%	0.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
1974															
	U	1	0	1	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			0.00%	100.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
Total F	or 1974	1	0	1	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			0.00%	100.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
1977															
	U	1	0	1	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
				100.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
Total F	or 1977	1	0	1	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			0.00%	100.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
1978										0.650					
	U	3	1	1	0	0	1	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
_			33.33%	33.33%	0.00%	0.00%	33.33%	Not Clean:	1	100.00%	0.7750	3,204.2002	4,146.5000	1.00	33.33%
Total F	or 1978	3	1	1	0	0	1	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			33.33%	33.33%	0.00%	0.00%	33.33%	Not Clean:	1	100.00%	0.7750	3,204.2002	4,146.5000	1.00	33.33%

		Emis.		Meet Time	and Locatio	n Criteria									Emis.
	Veh. Type	Due Veh.	0 Hits	No 1 Hit	2+ Hits	Ye 1 Hit	s 2+ Hits		Total	Percent	со	нс	NOX	Accel	Due Veh. Evaluated
1980															
	U	1	0	0	0	0	1	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			0.00%	0.00%	0.00%	0.00%	100.00%	Not Clean:	1	100.00%	5.9250	1,661.5500	604.5000	1.60	100.00%
Total Fo	r 1980	1	0	0	0	0	1	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			0.00%	0.00%	0.00%	0.00%	100.00%	Not Clean:	1	100.00%	5.9250	1,661.5500	604.5000	1.60	100.00%
1981															
	U	1	1	0	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			100.00%	0.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
Total Fo	r 1981	1	1	0	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			100.00%	0.00%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
1982															
	Р	58	0	28	0	0	30	Clean:	9	30.00%	0.1983	63.0444	1,246.8945	0.47	
			0.00%	48.28%	0.00%	0.00%	51.72%	Not Clean:	21	70.00%	1.6650	359.0548	1,304.0500	0.90	51.72%
	T	72	0	33	0	0	39	Clean:	3	7.69%	0.1467	89.5667	1,563.6833	0.97	
			0.00%	45.83%	0.00%	0.00%	54.17%	Not Clean:	36	92.31%	3.9514	474.3931	1,062.2264	0.34	54.17%
	U	768	767	1	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
			99.87%	0.13%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
Total Fo	r 1982	898	767	62	0	0	69	Clean:	12	17.39%	0.1854	69.6750	1,326.0917	0.60	
			85.41%	6.90%	0.00%	0.00%	7.68%	Not Clean:	57	82.61%	3.1090	431.9000	1,151.3193	0.55	7.68%
1983															
	Р	88	0	45	0	0	43	Clean:	12	27.91%	0.1842	78.0500	1,416.5000	0.98	
			0.00%	51.14%	0.00%	0.00%	48.86%	Clean: Not Clean:	12 31	72.09%	1.9669	210.6468	1,217.2419	0.28	48.86%
	P T	88 74	0.00%												48.86%
	т	74	0.00% 0 0.00%	51.14% 34 45.95%	0.00% 0 0.00%	0.00% 0 0.00%	48.86% 40 54.05%	Not Clean: Clean: Not Clean:	31	72.09% 10.00% 90.00%	1.9669	210.6468 19.9000 369.4250	1,217.2419 1,080.2750 1,476.1111	0.28 0.64 0.75	
			0.00% 0 0.00% 882	51.14% 34 45.95% 1	0.00% 0 0.00% 0	0.00%	48.86% 40 54.05% 2	Not Clean: Clean:	31 4	72.09% 10.00%	1.9669 0.0588	210.6468 19.9000 369.4250 0.0000	1,217.2419 1,080.2750	0.28 0.64	54.05%
	T U	74 885	0.00% 0 0.00% 882 99.66%	51.14% 34 45.95% 1 0.11%	0.00% 0 0.00% 0	0.00% 0 0.00% 0	48.86% 40 54.05% 2 0.23%	Not Clean: Clean: Not Clean: Clean: Not Clean:	31 4 36 0 2	72.09% 10.00% 90.00% 0.00% 100.00%	1.9669 0.0588 2.5378 0.0000 4.5025	210.6468 19.9000 369.4250 0.0000 278.2000	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500	0.28 0.64 0.75 0.00 0.05	54.05%
Total Fo	T U	74 885	0.00% 0 0.00% 882 99.66% 882	51.14% 34 45.95% 1	0.00% 0 0.00% 0	0.00% 0 0.00% 0	48.86% 40 54.05% 2 0.23% 85	Not Clean: Clean: Not Clean: Clean:	31 4 36 0	72.09% 10.00% 90.00% 0.00%	1.9669 0.0588 2.5378 0.0000	210.6468 19.9000 369.4250 0.0000	1,217.2419 1,080.2750 1,476.1111 0.0000	0.28 0.64 0.75 0.00	54.05%
	T U	74 885	0.00% 0 0.00% 882 99.66%	51.14% 34 45.95% 1 0.11%	0.00% 0 0.00% 0	0.00% 0 0.00% 0	48.86% 40 54.05% 2 0.23%	Not Clean: Clean: Not Clean: Clean: Not Clean:	31 4 36 0 2	72.09% 10.00% 90.00% 0.00% 100.00%	1.9669 0.0588 2.5378 0.0000 4.5025	210.6468 19.9000 369.4250 0.0000 278.2000	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500	0.28 0.64 0.75 0.00 0.05	54.05% 0.23%
Total Fo	T U r 1983	74 885 1,047	0.00% 0 0.00% 882 99.66% 882 84.24%	51.14% 34 45.95% 1 0.11% 80 7.64%	0.00% 0 0.00% 0 0.00% 0	0.00% 0 0.00% 0 0.00% 0	48.86% 40 54.05% 2 0.23% 85 8.12%	Not Clean: Clean: Not Clean: Clean: Not Clean: Clean: Not Clean:	31 4 36 0 2 16 69	72.09% 10.00% 90.00% 0.00% 100.00% 18.82% 81.18%	1.9669 0.0588 2.5378 0.0000 4.5025 0.1528 2.3383	210.6468 19.9000 369.4250 0.0000 278.2000 63.5125 295.4456	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500 1,332.4437 1,364.3507	0.28 0.64 0.75 0.00 0.05 0.90	54.05% 0.23%
	T U	74 885	0.00% 0 0.00% 882 99.66% 882 84.24%	51.14% 34 45.95% 1 0.11% 80 7.64%	0.00% 0 0.00% 0 0.00% 0	0.00% 0.00% 0 0.00% 0 0.00%	48.86% 40 54.05% 2 0.23% 85 8.12%	Not Clean: Clean: Not Clean: Clean: Not Clean: Clean: Clean: Clean:	31 4 36 0 2 16 69	72.09% 10.00% 90.00% 0.00% 100.00% 18.82% 81.18%	1.9669 0.0588 2.5378 0.0000 4.5025 0.1528 2.3383	210.6468 19.9000 369.4250 0.0000 278.2000 63.5125 295.4456	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500 1,332.4437 1,364.3507	0.28 0.64 0.75 0.00 0.05 0.90 0.52	54.05% 0.23% 8.12 %
	T U r 1983 P	74 885 1,047 240	0.00% 0 0.00% 882 99.66% 882 84.24% 0	51.14% 34 45.95% 1 0.11% 80 7.64% 127 52.92%	0.00% 0 0.00% 0 0.00% 0 0.00%	0.00% 0 0.00% 0 0.00% 0 0.00%	48.86% 40 54.05% 2 0.23% 85 8.12% 106 44.17%	Not Clean: Clean: Not Clean: Clean: Not Clean: Clean: Clean: Not Clean: Not Clean:	31 4 36 0 2 16 69	72.09% 10.00% 90.00% 0.00% 100.00% 18.82% 81.18% 39.64% 60.36%	1.9669 0.0588 2.5378 0.0000 4.5025 0.1528 2.3383 0.1307 1.8516	210.6468 19.9000 369.4250 0.0000 278.2000 63.5125 295.4456 40.2750 298.9716	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500 1,332.4437 1,364.3507 983.7250 1,157.2082	0.28 0.64 0.75 0.00 0.05 0.90 0.52 0.71 0.63	54.05% 0.23% 8.12 %
	T U r 1983	74 885 1,047	0.00% 0.00% 882 99.66% 882 84.24% 0	51.14% 34 45.95% 1 0.11% 80 7.64% 127 52.92% 109	0.00% 0 0.00% 0 0.00% 0	0.00% 0.00% 0 0.00% 0 0.00%	48.86% 40 54.05% 2 0.23% 85 8.12%	Not Clean: Clean: Not Clean: Clean: Not Clean: Clean: Clean: Clean:	31 4 36 0 2 16 69	72.09% 10.00% 90.00% 0.00% 100.00% 18.82% 81.18% 39.64% 60.36% 14.29%	1.9669 0.0588 2.5378 0.0000 4.5025 0.1528 2.3383	210.6468 19.9000 369.4250 0.0000 278.2000 63.5125 295.4456 40.2750 298.9716	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500 1,332.4437 1,364.3507	0.28 0.64 0.75 0.00 0.05 0.90 0.52	54.05% 0.23% 8.12 % 46.25%
	T U or 1983 P T	74 885 1,047 240 201	0.00% 0.00% 882 99.66% 882 84.24% 0 0.00% 0	51.14% 34 45.95% 1 0.11% 80 7.64% 127 52.92% 109 54.23%	0.00% 0 0.00% 0 0.00% 0 0.00% 2 0.83% 1 0.50%	0.00% 0.00% 0.00% 0.00% 5 2.08% 0	48.86% 40 54.05% 2 0.23% 85 8.12% 106 44.17% 91 45.27%	Not Clean: Clean: Not Clean: Clean: Not Clean: Clean: Not Clean: Not Clean: Clean: Not Clean: Not Clean:	31 4 36 0 2 16 69 44 67 13 78	72.09% 10.00% 90.00% 0.00% 100.00% 18.82% 81.18% 39.64% 60.36% 14.29% 85.71%	1.9669 0.0588 2.5378 0.0000 4.5025 0.1528 2.3383 0.1307 1.8516 0.1085 2.4119	210.6468 19.9000 369.4250 0.0000 278.2000 63.5125 295.4456 40.2750 298.9716 56.0423 279.8192	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500 1,332.4437 1,364.3507 983.7250 1,157.2082 1,651.9885 1,204.2327	0.28 0.64 0.75 0.00 0.05 0.90 0.52 0.71 0.63 0.75 0.71	54.05% 0.23% 8.12 % 46.25%
	T U r 1983 P	74 885 1,047 240	0.00% 0 0.00% 882 99.66% 882 84.24% 0 0.00% 0 0.00% 2,242	51.14% 34 45.95% 1 0.11% 80 7.64% 127 52.92% 109 54.23% 1	0.00% 0 0.00% 0 0.00% 0 0.00% 2 0.83% 1	0.00% 0.00% 0.00% 0.00% 5 2.08%	48.86% 40 54.05% 2 0.23% 85 8.12% 106 44.17% 91	Not Clean: Clean: Not Clean: Clean: Not Clean: Clean: Not Clean: Not Clean: Clean:	31 4 36 0 2 16 69 44 67 13	72.09% 10.00% 90.00% 0.00% 100.00% 18.82% 81.18% 39.64% 60.36% 14.29%	1.9669 0.0588 2.5378 0.0000 4.5025 0.1528 2.3383 0.1307 1.8516 0.1085	210.6468 19.9000 369.4250 0.0000 278.2000 63.5125 295.4456 40.2750 298.9716 56.0423 279.8192 0.0000	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500 1,332.4437 1,364.3507 983.7250 1,157.2082 1,651.9885	0.28 0.64 0.75 0.00 0.05 0.90 0.52 0.71 0.63 0.75	54.05% 0.23% 8.12 % 46.25% 45.27%
1984	T U r 1983 P T	74 885 1,047 240 201 2,249	0.00% 0 0.00% 882 99.66% 882 84.24% 0 0.00% 0 0.00% 2,242 99.69%	51.14% 34 45.95% 1 0.11% 80 7.64% 127 52.92% 109 54.23% 1 0.04%	0.00% 0 0.00% 0 0.00% 0 0.00% 2 0.83% 1 0.50% 0 0.00%	0.00% 0.00% 0.00% 0.00% 5 2.08% 0 0.00% 0	48.86% 40 54.05% 2 0.23% 85 8.12% 106 44.17% 91 45.27% 6 0.27%	Not Clean: Clean: Not Clean: Clean: Not Clean: Clean: Not Clean: Not Clean: Clean: Not Clean: Clean: Not Clean: Clean: Not Clean: Not Clean:	31 4 36 0 2 16 69 44 67 13 78	72.09% 10.00% 90.00% 0.00% 100.00% 18.82% 81.18% 39.64% 60.36% 14.29% 85.71% 0.00% 100.00%	1.9669 0.0588 2.5378 0.0000 4.5025 0.1528 2.3383 0.1307 1.8516 0.1085 2.4119 0.0000 2.8817	210.6468 19.9000 369.4250 0.0000 278.2000 63.5125 295.4456 40.2750 298.9716 56.0423 279.8192 0.0000 291.6083	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500 1,332.4437 1,364.3507 983.7250 1,157.2082 1,651.9885 1,204.2327 0.0000 901.4583	0.28 0.64 0.75 0.00 0.05 0.90 0.52 0.71 0.63 0.75 0.71 0.00 0.27	54.05% 0.23% 8.12 % 46.25% 45.27%
	T U r 1983 P T	74 885 1,047 240 201 2,249	0.00% 0 0.00% 882 99.66% 882 84.24% 0 0.00% 0 0.00% 2,242	51.14% 34 45.95% 1 0.11% 80 7.64% 127 52.92% 109 54.23% 1	0.00% 0 0.00% 0 0.00% 0 0.00% 2 0.83% 1 0.50% 0	0.00% 0 0.00% 0 0.00% 0 0.00% 5 2.08% 0 0.00%	48.86% 40 54.05% 2 0.23% 85 8.12% 106 44.17% 91 45.27% 6	Not Clean: Clean: Not Clean: Clean: Not Clean: Clean: Not Clean: Not Clean: Clean: Not Clean: Clean: Clean: Clean: Clean:	31 4 36 0 2 16 69 44 67 13 78 0	72.09% 10.00% 90.00% 0.00% 100.00% 18.82% 81.18% 39.64% 60.36% 14.29% 85.71% 0.00%	1.9669 0.0588 2.5378 0.0000 4.5025 0.1528 2.3383 0.1307 1.8516 0.1085 2.4119 0.0000	210.6468 19.9000 369.4250 0.0000 278.2000 63.5125 295.4456 40.2750 298.9716 56.0423 279.8192 0.0000 291.6083 43.8711	1,217.2419 1,080.2750 1,476.1111 0.0000 1,632.8500 1,332.4437 1,364.3507 983.7250 1,157.2082 1,651.9885 1,204.2327 0.0000	0.28 0.64 0.75 0.00 0.05 0.90 0.52 0.71 0.63 0.75 0.71 0.00	48.86% 54.05% 0.23% 8.12% 46.25% 45.27% 0.27%

Marial Wal	Emis.			and Locatio	n Criteria									Emis.
Model Ver Year Typ		0 Hits	No 1 Hit	2+ Hits	Yes 1 Hit	2+ Hits		Total	Percent	со	нс	NOX	Accel	Due Veh. Evaluated
1985														
Р	315	0	157	0	7	151	Clean:	65	41.14%	0.1441	38.9554	825.2815	0.77	
		0.00%	49.84%	0.00%	2.22%	47.94%	Not Clean:	93	58.86%	1.4004	252.0952	1,244.8919	0.77	50.16%
Т	292	0	143	3	1	145	Clean:	35	23.97%	0.1201	67.6414	1,814.4885	0.61	
		0.00%	48.97%	1.03%	0.34%	49.66%	Not Clean:	111	76.03%	2.2447	363.6784	1,532.5644	0.78	50.00%
U	2,207	2,194	8	0	0	5	Clean:	3	60.00%	0.0567	38.7167	1,886.5833	2.03	
		99.41%	0.36%	0.00%	0.00%	0.23%	Not Clean:	2	40.00%	1.5025	215.6500	738.1250	0.22	0.23%
Total For 19	985 2,814	2,194	308	3	8	301	Clean:	103	33.33%	0.1334	48.6961	1,192.3315	0.75	
		77.97%	10.95%	0.11%	0.28%	10.70%	Not Clean:	206	66.67%	1.8564	311.8663	1,394.9799	0.77	10.98%
1986														
P	515	0	218	3	29	265	Clean:	155	52.72%	0.1195	37.1510	853.8961	0.53	
		0.00%	42.33%	0.58%	5.63%	51.46%	Not Clean:	139	47.28%	1.5279	267.1978	1,254.7888	0.93	57.09%
Т	462	0	220	3	9	230	Clean:	84	35.15%	0.1181	53.1750	1,398.6798	0.65	
		0.00%	47.62%	0.65%	1.95%	49.78%	Not Clean:	155	64.85%	2.2055	295.2687	1,423.7787	0.77	51.73%
U	3,650	3,644	2	0	0	4	Clean:	1	25.00%	0.2200	153.3000	2,162.4500	1.85	
		99.84%	0.05%	0.00%	0.00%	0.11%	Not Clean:	3	75.00%	2.1583	366.0167	1,473.7000	1.33	0.11%
Total For 19	986 4,627	3,644	440	6	38	499	Clean:	240	44.69%	0.1194	43.2433	1,050.0227	0.58	
		78.76%	9.51%	0.13%	0.82%	10.78%	Not Clean:	297	55.31%	1.8879	282.8458	1,345.1934	0.85	11.61%
1987														
P	586	0	289	2	4	291	Clean:	137	46.44%	0.1348	42.3088	1,080.4569	0.76	
		0.00%	49.32%	0.34%	0.68%	49.66%	Not Clean:	158	53.56%	1.5165	281.0215	1,100.8937	0.90	50.34%
Т	449	0	198	1	6	244	Clean:	71	28.40%	0.1292	47.6472	1,224.2134	0.74	
		0.00%	44.10%	0.22%	1.34%	54.34%	Not Clean:	179	71.60%	1.6458	355.3617	1,488.1461	0.74	55.68%
U	3,034	3,031	3	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
		99.90%	0.10%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
Total For 19	4,069	3,031	490	3	10	535	Clean:	208	38.17%	0.1329	44.1310	1,129.5276	0.75	
		74.49%	12.04%	0.07%	0.25%	13.15%	Not Clean:	337	61.83%	1.5852	320.5079	1,306.5856	0.81	13.39%
1988														
P	937	0	400	10	14	513	Clean:	261	49.53%	0.1217	37.2709	894.0102	0.72	
		0.00%	42.69%	1.07%	1.49%	54.75%	Not Clean:	266	50.47%	1.4753	249.4387	1,070.5703	0.85	56.24%
Т	820	0	378	3	0	439	Clean:	148	33.71%	0.1598	51.3561	1,222.3402	0.81	
		0.00%	46.10%	0.37%	0.00%	53.54%	Not Clean:	291	66.29%	1.4235	250.7194	1,437.3342	0.77	53.54%
U	5,381	5,379	1	0	0	1	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
		99.96%	0.02%	0.00%	0.00%	0.02%	Not Clean:	1	100.00%	0.7900	135.9000	101.0500	-0.50	0.02%
Total For 19	988 7,138	5,379	779	13	14	953	Clean:	409	42.30%	0.1355	42.3677	1,012.8191	0.75	
		75.36%	10.91%	0.18%	0.20%	13.35%	Not Clean:	558	57.70%	1.4471	249.9031	1,260.1021	0.81	13.55%

Maratal Male	Emis.			and Locatio	n Criteria									Emis.
Model Veh. Year Type	Due Veh.	0 Hits	No 1 Hit	2+ Hits	Yes 1 Hit	2+ Hits		Total	Percent	со	нс	NOX	Accel	Due Veh. Evaluated
1989														
Р	1,049	0	475	1	19	554	Clean:	298	52.01%	0.1342	37.6503	804.3233	0.72	
		0.00%	45.28%	0.10%	1.81%	52.81%	Not Clean:	275	47.99%	1.5453	193.5589	1,078.4604	0.78	54.62%
T	894	0	408	5	7	474	Clean:	186	38.67%	0.1523	46.2161	1,185.5347	0.69	
		0.00%	45.64%	0.56%	0.78%	53.02%	Not Clean:	295	61.33%	1.4224	197.8522	1,303.0873	0.76	53.80%
U	5,024	5,023	0	0	0	1	Clean:	1	100.00%	0.0050	55.7500	7.0000	1.20	
		99.98%	0.00%	0.00%	0.00%	0.02%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.02%
Total For 198	9 6,967	5,023	883	6	26	1,029	Clean:	485	45.97%	0.1409	40.9727	948.8759	0.71	
		72.10%	12.67%	0.09%	0.37%	14.77%	Not Clean:	570	54.03%	1.4817	195.7809	1,194.7146	0.77	15.14%
1990														
Р	2,045	0	856	8	42	1,139	Clean:	600	50.80%	0.1351	32.1323	763.8789	0.74	
		0.00%	41.86%	0.39%	2.05%	55.70%	Not Clean:	581	49.20%	1.4176	200.1016	1,112.1944	0.93	57.75%
T	1,178	0	547	10	11	610	Clean:	254	40.90%	0.1472	46.7232	1,113.4882	0.70	
		0.00%	46.43%	0.85%	0.93%	51.78%	Not Clean:	367	59.10%	1.3050	193.5749	1,312.4253	0.82	52.72%
U	8,014	8,009	5	0	0	0	Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	
		99.94%	0.06%	0.00%	0.00%	0.00%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.00%
Total For 199	0 11,237	8,009	1,408	18	53	1,749	Clean:	854	47.39%	0.1387	36.4720	867.8611	0.73	
		71.27%	12.53%	0.16%	0.47%	15.56%	Not Clean:	948	52.61%	1.3740	197.5749	1,189.7100	0.89	16.04%
1991														
Р	2,208	0	958	6	21	1,223	Clean:	670	53.86%	0.1443	35.1222	786.0464	0.79	
		0.00%	43.39%	0.27%	0.95%	55.39%	Not Clean:	574	46.14%	1.3150	200.6497	1,108.2406	0.94	56.34%
T	1,400	0	605	10	13	772	Clean:	350	44.59%	0.1397	40.6596	967.1274	0.69	
		0.00%	43.21%	0.71%	0.93%	55.14%	Not Clean:	435	55.41%	1.3301	170.8540	1,189.6169	0.84	56.07%
U	7,454	7,450	2	0	0	2	Clean:	1	50.00%	0.1900	118.5000	2,162.7500	1.10	
		99.95%	0.03%	0.00%	0.00%	0.03%	Not Clean:	1	50.00%	1.1100	93.5000	1,454.6000	1.85	0.03%
Total For 199	11,062	7,450	1,565	16	34	1,997	Clean:	1,021	50.27%	0.1427	37.1021	849.4696	0.76	
		67.35%	14.15%	0.14%	0.31%	18.05%	Not Clean:	1,010	49.73%	1.3213	187.7108	1,143.6317	0.90	18.36%
1992														
Р	3,092	0	1305	5	30	1,752	Clean:	1,053	59.09%	0.1284	28.2772	671.7246	0.75	
		0.00%	42.21%	0.16%	0.97%	56.66%	Not Clean:	729	40.91%	1.0590	178.9745	1,082.0188	0.95	57.63%
Т	1,948	0	825	8	8	1,107	Clean:	538	48.25%	0.1350	39.3416	983.6603	0.73	
		0.00%	42.35%	0.41%	0.41%	56.83%	Not Clean:	577	51.75%	1.2510	172.6690	1,111.5714	0.82	57.24%
U	10,300	10,292	3	0	0	5	Clean:	3	60.00%	0.1267	47.8667	935.1000	1.17	
		99.92%	0.03%	0.00%	0.00%	0.05%	Not Clean:	2	40.00%	1.0500	101.4000	933.6750	0.43	0.05%
Total For 199	2 15,340	10,292	2,133	13	38	2,864	Clean:	1,594	54.93%	0.1306	32.0485	777.5035	0.75	
		67.09%	13.90%	0.08%	0.25%	18.67%	Not Clean:	1,308	45.07%	1.1437	176.0743	1,094.8286	0.90	18.92%

Marial Wal	Emis.			and Locatio	n Criteria									Emis.
Model Ver Year Typ	_	0 Hits	No 1 Hit	2+ Hits	Yes 1 Hit	2+ Hits		Total	Percent	со	нс	NOX	Accel	Due Veh. Evaluated
1993														
Р	3,259	0	1315	9	53	1,882	Clean:	1,177	60.83%	0.1318	32.2449	759.2078	0.85	
		0.00%	40.35%	0.28%	1.63%	57.75%	Not Clean:	758	39.17%	1.2213	174.9446	978.5301	0.92	59.37%
Т	2,491	0	959	20	32	1,480	Clean:	736	48.68%	0.1377	40.0537	1,001.2902	0.72	
		0.00%	38.50%	0.80%	1.28%	59.41%	Not Clean:	776	51.32%	1.1000	176.1280	1,181.1997	0.84	60.70%
U	10,415	10,406	5	0	0	4	Clean:	2	50.00%	0.1625	30.0500	326.0750	0.80	
		99.91%	0.05%	0.00%	0.00%	0.04%	Not Clean:	2	50.00%	1.0975	62.2500	339.1000	0.95	0.04%
Total For 19	93 16,165	10,406	2,279	29	85	3,366	Clean:	1,915	55.49%	0.1341	35.2438	851.7960	0.80	
		64.37%	14.10%	0.18%	0.53%	20.82%	Not Clean:	1,536	44.51%	1.1598	175.3957	1,080.0879	0.88	21.35%
1994														
P	4,231	0	1633	12	84	2,502	Clean:	1,651	63.84%	0.1231	26.9952	541.9361	0.80	
		0.00%	38.60%	0.28%	1.99%	59.13%	Not Clean:	935	36.16%	1.0789	154.6111	821.6322	0.96	61.12%
Т	3,690	0	1485	24	33	2,148	Clean:	1,105	50.66%	0.1302	39.0290	941.5270	0.74	
		0.00%	40.24%	0.65%	0.89%	58.21%	Not Clean:	1,076	49.34%	1.1042	210.8898	1,103.1284	0.83	59.11%
U	13,619	13,612	3	0	0	4	Clean:	3	75.00%	0.0750	28.5000	1,033.7500	0.98	
		99.95%	0.02%	0.00%	0.00%	0.03%	Not Clean:	1	25.00%	0.3900	17.8000	357.1500	0.45	0.03%
Total For 19	94 21,540	13,612	3,121	36	117	4,654	Clean:	2,759	57.83%	0.1259	31.8164	702.5100	0.78	
		63.19%	14.49%	0.17%	0.54%	21.61%	Not Clean:	2,012	42.17%	1.0921	184.6405	971.9431	0.89	22.15%
1995														
P	5,528	0	1752	11	365	3,400	Clean:	2,581	68.55%	0.1048	24.0794	458.5496	0.74	
		0.00%	31.69%	0.20%	6.60%	61.51%	Not Clean:	1,184	31.45%	1.0587	149.7713	732.5117	0.97	68.11%
Т	4,481	0	1596	29	97	2,759	Clean:	1,608	56.30%	0.1207	33.5665	816.5865	0.71	
		0.00%	35.62%	0.65%	2.16%	61.57%	Not Clean:	1,248	43.70%	1.0699	159.5602	1,088.2972	0.80	63.74%
U	15,747	15,742	3	0	0	2	Clean:	2	100.00%	0.0150	29.9750	468.4500	1.60	
		99.97%	0.02%	0.00%	0.00%	0.01%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.01%
Total For 19	95 25,756	15,742	3,351	40	462	6,161	Clean:	4,191	63.28%	0.1109	27.7222	595.9257	0.73	
		61.12%	13.01%	0.16%	1.79%	23.92%	Not Clean:	2,432	36.72%	1.0644	154.7945	915.0858	0.89	25.71%
1996	0 = 16		40=0	40		4 400		0.00=	74.000/	0.00=0	40.505	000 7:00	0.00	
Р	6,713	0	1850	19	741	4,103	Clean:	3,625	74.83%	0.0876	18.5852	328.7460	0.68	
	= 05:	0.00%	27.56%	0.28%	11.04%	61.12%	Not Clean:	1,219	25.17%	1.0504	121.4849	630.4249	1.03	72.16%
Т	5,994	0	2164	35	169	3,626	Clean:	2,758	72.67%	0.1102	24.5352	545.0234	0.73	
	46.555	0.00%	36.10%	0.58%	2.82%	60.49%	Not Clean:	1,037	27.33%	0.8810	140.4443	949.8884	0.85	63.31%
U	18,990	18,984	1	0	0	5	Clean:	4	80.00%	0.1512	45.3000	592.8750	1.24	
		99.97%	0.01%	0.00%	0.00%	0.03%	Not Clean:	1	20.00%	2.1100	94.9500	996.4000	1.90	0.03%
Total For 19	96 31,697	18,984	4,015	54	910	7,734	Clean:	6,387	73.89%	0.0974	21.1712	422.3032	0.70	
		59.89%	12.67%	0.17%	2.87%	24.40%	Not Clean:	2,257	26.11%	0.9730	130.1842	777.3675	0.95	27.27%

	Em			Meet Time a	and Locatio	n Criteria									Emis.
Model Vel Year Typ			0 Hits	No 1 Hit	2+ Hits	Yes 1 Hit	2+ Hits		Total	Percent	со	нс	NOX	Accel	Due Veh. Evaluated
1997															
P	7	7,471	0	1774	13	997	4,687	Clean:	4,436	78.04%	0.0817	16.8282	295.2221	0.68	
			0.00%	23.75%	0.17%	13.34%	62.74%	Not Clean:	1,248	21.96%	1.2214	117.7131	574.6583	1.00	76.08%
Т	7	7,086	0	2149	41	411	4,485	Clean:	3,763	76.86%	0.0972	20.0739	506.5451	0.71	
			0.00%	30.33%	0.58%	5.80%	63.29%	Not Clean:	1,133	23.14%	0.8561	125.4242	840.7021	0.85	69.09%
U	18	3,972	18,959	6	0	0	7	Clean:	2	28.57%	0.0350	49.9750	70.2250	1.28	
			99.93%	0.03%	0.00%	0.00%	0.04%	Not Clean:	5	71.43%	1.2000	161.9700	955.8100	1.43	0.04%
Total For 1	997 33	3,529	18,959	3,929	54	1,408	9,179	Clean:	8,201	77.46%	0.0888	18.3256	392.1320	0.69	
			56.55%	11.72%	0.16%	4.20%	27.38%	Not Clean:	2,386	22.54%	1.0479	121.4675	701.7888	0.93	31.58%
1998															
P	9	9,849	0	2753	20	946	6,130	Clean:	5,663	80.03%	0.0789	15.1195	257.3485	0.74	
			0.00%	27.95%	0.20%	9.61%	62.24%	Not Clean:	1,413	19.97%	1.1905	90.6177	491.9644	1.03	71.84%
Т	10),969	0	2950	61	1,043	6,915	Clean:	6,453	81.09%	0.0793	15.4958	377.3198	0.68	
			0.00%	26.89%	0.56%	9.51%	63.04%	Not Clean:	1,505	18.91%	0.8662	101.4842	757.1348	0.93	72.55%
U	25	5,144	25,133	4	0	0	7	Clean:	2	28.57%	0.1350	37.9000	212.5000	1.65	
			99.96%	0.02%	0.00%	0.00%	0.03%	Not Clean:	5	71.43%	0.3950	58.7500	1,025.5800	1.16	0.03%
Total For 1	998 45	5,962	25,133	5,707	81	1,989	13,052	Clean:	12,118	80.57%	0.0791	15.3237	321.2275	0.71	
			54.68%	12.42%	0.18%	4.33%	28.40%	Not Clean:	2,923	19.43%	1.0222	96.1581	629.4087	0.98	32.72%
1999															
P	9	9,315	0	1593	24	1,647	6,051	Clean:	6,399	83.13%	0.0624	12.6804	217.3867	0.68	
			0.00%	17.10%	0.26%	17.68%	64.96%	Not Clean:	1,299	16.87%	1.2016	107.0985	485.1181	1.03	82.64%
Т	11	1,215	0	2264	61	1,579	7,311	Clean:	7,777	87.48%	0.0648	13.7850	265.8964	0.64	
			0.00%	20.19%	0.54%	14.08%	65.19%	Not Clean:	1,113	12.52%	0.9163	106.9207	662.4625	0.90	79.27%
U	22	2,165	22,151	4	0	0	10	Clean:	6	60.00%	0.0917	26.2583	314.0917	0.59	
			99.94%	0.02%	0.00%	0.00%	0.05%	Not Clean:	4	40.00%	1.1900	60.1750	454.6125	1.30	0.05%
Total For 1	999 42	2,695	22,151	3,861	85	3,226	13,372	Clean:	14,182	85.44%	0.0637	13.2919	244.0290	0.66	
			51.88%	9.04%	0.20%	7.56%	31.32%	Not Clean:	2,416	14.56%	1.0701	106.9389	566.7664	0.97	38.88%
2000															
P	14	1,888	0	2753	34	2,584	9,517	Clean:	10,444	86.31%	0.0556	11.4349	160.7196	0.69	
			0.00%	18.49%	0.23%	17.36%	63.92%	Not Clean:	1,657	13.69%	1.0572	89.0098	390.7559	1.10	81.28%
Т	17	7,532	0	2465	129	3,446	11,492	Clean:	13,399	89.70%	0.0520	11.5678	195.7710	0.62	
			0.00%	14.06%	0.74%	19.66%	65.55%	Not Clean:	1,539	10.30%	0.9688	74.2586	495.2146	0.93	85.20%
U	32	2,650	32,619	9	0	0	22	Clean:	15	68.18%	0.1130	20.8433	531.0700	0.71	
			99.91%	0.03%	0.00%	0.00%	0.07%	Not Clean:	7	31.82%	1.1279	133.8643	1,662.4928	0.96	0.07%
Total For 2	000 65	5,070	32,619	5,227	163	6,030	21,031	Clean:	23,858	88.16%	0.0536	11.5155	180.6378	0.65	
			50.13%	8.03%	0.25%	9.27%	32.32%	Not Clean:	3,203	11.84%	1.0149	82.0201	443.7263	1.02	41.59%

		Emis.		Meet Time a	and Locatio	n Criteria									Emis.
	Veh. Type	Due Veh.	0 Hits	No 1 Hit	2+ Hits	Yes 1 Hit	2+ Hits		Total	Percent	со	нс	NOX	Accel	Due Veh. Evaluated
2001															
	Р	10,984	0	941	20	2,807	7,216	Clean:	9,011	89.90%	0.0423	9.5955	107.6738	0.63	
			0.00%	8.57%	0.18%	25.56%	65.70%	Not Clean:	1,012	10.10%	0.9668	86.6834	340.6662	1.08	91.25%
	T	12,537	0	889	69	3,017	8,562	Clean:	10,589	91.45%	0.0476	10.8099	123.1818	0.60	
			0.00%	7.09%	0.55%	24.06%	68.29%	Not Clean:	990	8.55%	1.0446	89.6878	326.2726	1.00	92.36%
	U	21,654	21,645	3	0	0	6	Clean:	4	66.67%	0.0887	21.3250	406.4750	-0.01	
			99.96%	0.01%	0.00%	0.00%	0.03%	Not Clean:	2	33.33%	0.3400	35.4500	509.9000	-0.05	0.03%
Total Fo	r 2001	45,175	21,645	1,833	89	5,824	15,784	Clean:	19,604	90.73%	0.0452	10.2538	116.1113	0.62	
			47.91%	4.06%	0.20%	12.89%	34.94%	Not Clean:	2,004	9.27%	1.0046	88.1165	333.7244	1.04	47.83%
2002															
	Р	17,364	0	836	34	4,982	11,512	Clean:	15,007	90.98%	0.0357	8.3572	80.8686	0.62	
			0.00%	4.81%	0.20%	28.69%	66.30%	Not Clean:	1,487	9.02%	0.9554	86.6230	263.7396	1.12	94.99%
	T	22,677	0	1338	101	5,776	15,462	Clean:	19,897	93.69%	0.0403	9.2084	101.5791	0.63	
			0.00%	5.90%	0.45%	25.47%	68.18%	Not Clean:	1,341	6.31%	0.9188	77.0337	328.3489	0.96	93.65%
	U	35,245	35,224	11	0	0	10	Clean:	8	80.00%	0.0625	15.0813	535.9562	0.66	
			99.94%	0.03%	0.00%	0.00%	0.03%	Not Clean:	2	20.00%	0.9725	4.1250	54.1250	0.90	0.03%
Total Fo	r 2002	75,286	35,224	2,185	135	10,758	26,984	Clean:	34,912	92.50%	0.0383	8.8438	92.7762	0.62	
			46.79%	2.90%	0.18%	14.29%	35.84%	Not Clean:	2,830	7.50%	0.9381	82.0208	294.2067	1.04	50.13%
2003															
	Р	8,677	0	487	18	2,334	5,838	Clean:	7,534	92.19%	0.0353	8.3532	73.5023	0.68	
			0.00%	5.61%	0.21%	26.90%	67.28%	Not Clean:	638	7.81%	1.0380	62.5353	273.7963	1.17	94.18%
	Т	10,504	0	713	44	2,384	7,363	Clean:	9,164	94.02%	0.0402	9.5171	80.8806	0.68	
			0.00%	6.79%	0.42%	22.70%	70.10%	Not Clean:	583	5.98%	0.9963	81.5830	252.5297	0.98	92.79%
	U	15,526	15,517	3	0	0	6	Clean:	6	100.00%	0.1433	20.4083	126.1750	1.28	
			99.94%	0.02%	0.00%	0.00%	0.04%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.04%
Total Fo	r 2003	34,707	15,517	1,203	62	4,718	13,207	Clean:	16,704	93.19%	0.0380	8.9961	77.5690	0.68	
			44.71%	3.47%	0.18%	13.59%	38.05%	Not Clean:	1,221	6.81%	1.0181	71.6302	263.6420	1.08	51.65%
2004	_	4= 00=		1001			44.050		1=001	00.400/		0.000	-	0.00	
	Р	17,827	0	1361	24	4,490	11,952	Clean:	15,361	93.43%	0.0359	8.7250	54.2235	0.69	
			0.00%	7.63%	0.13%	25.19%	67.04%	Not Clean:	1,081	6.57%	0.8673	78.6021	248.2373	1.21	92.23%
	T	30,850	0	2344	165	6,780	21,561	Clean:	27,168	95.86%	0.0316	8.8018	51.4656	0.68	
			0.00%	7.60%	0.53%	21.98%	69.89%	Not Clean:	1,173	4.14%	0.8206	68.5846	202.0645	1.03	91.87%
	U	36,638	36,615	8	0	0	15	Clean:	13	86.67%	0.0454	9.0654	32.9692	0.62	
			99.94%	0.02%	0.00%	0.00%	0.04%	Not Clean:	2	13.33%	0.7425	68.6000	515.8750	1.18	0.04%
Total Fo	r 2004	85,315	36,615	3,713	189	11,270	33,528	Clean:	42,542	94.96%	0.0332	8.7742	52.4558	0.69	
			42.92%	4.35%	0.22%	13.21%	39.30%	Not Clean:	2,256	5.04%	0.8429	73.3846	224.4672	1.12	52.51%

		Emis.		Meet Time a	and Locatio	n Criteria									Emis.
Model	Veh.	Due		No		Yes	S								Due Veh.
Year	Type	Veh.	0 Hits	1 Hit	2+ Hits	1 Hit	2+ Hits		Total	Percent	СО	НС	NOX	Accel	Evaluated
2005															
	Р	4,768	0	524	11	987	3,246	Clean:	3,974	93.88%	0.0350	8.5922	50.2063	0.74	
			0.00%	10.99%	0.23%	20.70%	68.08%	Not Clean:	259	6.12%	0.8708	68.5566	241.2477	1.34	88.78%
	Т	6,527	0	485	25	1,320	4,697	Clean:	5,829	96.88%	0.0325	8.6561	52.6569	0.71	
			0.00%	7.43%	0.38%	20.22%	71.96%	Not Clean:	188	3.12%	0.7180	59.2654	173.2848	0.87	92.19%
	U	8,595	8,591	0	0	0	4	Clean:	4	100.00%	0.0338	3.3375	35.7875	1.08	
			99.95%	0.00%	0.00%	0.00%	0.05%	Not Clean:	0	0.00%	0.0000	0.0000	0.0000	0.00	0.05%
Total F	or 2005	19,890	8,591	1,009	36	2,307	7,947	Clean:	9,807	95.64%	0.0335	8.6280	51.6570	0.72	
			43.19%	5.07%	0.18%	11.60%	39.95%	Not Clean:	447	4.36%	0.8065	64.6489	212.6638	1.14	51.55%
2006															
	Р	22,164	0	3453	40	3,843	14,828	Clean:	17,635	94.45%	0.0342	9.1019	47.5016	0.79	
			0.00%	15.58%	0.18%	17.34%	66.90%	Not Clean:	1,036	5.55%	0.8746	81.9205	214.6839	1.30	84.24%
	Т	31,193	0	3210	234	5,400	22,349	Clean:	26,792	96.55%	0.0310	8.9228	46.4040	0.74	
			0.00%	10.29%	0.75%	17.31%	71.65%	Not Clean:	957	3.45%	0.7482	78.0422	167.4409	1.03	88.96%
	U	38,129	38,095	19	0	0	15	Clean:	14	93.33%	0.0386	16.7179	52.2286	1.02	
			99.91%	0.05%	0.00%	0.00%	0.04%	Not Clean:	1	6.67%	0.0150	376.8500	0.0000	1.70	0.04%
Total F	or 2006	91,486	38,095	6,682	274	9,243	37,192	Clean:	44,441	95.71%	0.0323	8.9963	46.8414	0.76	
			41.64%	7.30%	0.30%	10.10%	40.65%	Not Clean:	1,994	4.29%	0.8135	80.2070	191.9025	1.17	50.76%
Overal	l Total	702,172	362,211	56,503	1,408	58,573	223,477		246,620	87.44%	0.0498	11.7990	161.0088	0.69	30070
Overai	i i Otai	102,172	51.58%	8.05%	0.20%	8.34%	31.83%	Not Clean:	35,430	12.56%	1.0675	125.9295	656.9134	0.03	40.17%