

## 2016 ACTIVITY REPORT

# MOTOR VEHICLE INSPECTION AND MAINTENANCE PROGRAM

## NEVADA DEPARTMENT OF MOTOR VEHICLES COMPLIANCE ENFORCEMENT DIVISION

PROGRAM OVERVIEW AND
EMISSION TESTING STATISTICS

CALENDAR YEAR 2016

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## THE NEVADA MOTOR VEHICLE EMISSION PROGRAM

Per Nevada Revised Statute (NRS) <u>445B.760</u>, it is the responsibility of the Nevada Department of Motor Vehicles (DMV) to ensure that emission compliance is maintained for the operation of motor vehicles in urban areas of Washoe and Clark counties. Nevada operates a vehicle emission Inspection/Maintenance Program and requires that compliance with emissions be met for qualifying vehicles in these counties prior to registration being issued.

Emission inspections are required annually for all gasoline powered motor vehicles with a model year of 1968 or newer. Emission inspections are also required annually for diesel powered motor vehicles with a model year of 1968 or newer that have a manufactured gross vehicle weight (GVW) of 14,000 pounds or less. Exceptions allow "new" vehicles to obtain an emission inspection on the third registration cycle. New hybrid vehicles are exempt from obtaining an emission inspection for five model years. Motor vehicles that operate on propane, compressed natural gas (CNG), methane, butane, and diesel powered motor vehicles that have a GVW of 14,001 pounds or more are exempt from the emission inspection.

The DMV has 39 positions dedicated to the Emission Control Program. There were no positional changes in 2016.

Position Title	Number of Employees
DMV Services Manager	1
Management Analyst	1
Program Officer	2
Environmental Scientist	1
Supervising Emission Control Officer	2
Administrative Assistant	2
Emission Control Technician	17
Compliance Enforcement Investigator	10
Supervisory Compliance Enforcement Investigator	1
IT Professional	2
Total Number of Employees	39

#### **GASOLINE POWERED MOTOR VEHICLES**

**Two-Speed Idle Inspections:** 1968 through 1995 light duty gasoline powered vehicles and 1968 or newer heavy duty gasoline powered vehicles are tested for exhaust emission compliance by the traditional two-speed idle test procedure. 1968 through 1980 model year vehicles are visually inspected for a proper gas cap. 1981 and newer model year vehicles receive a visual inspection for tampering of the catalytic converter, air injection system, exhaust gas recirculation valve, fuel inlet restrictor, and gas cap.

**On-Board Diagnostics II (OBDII):** 1996 and newer light duty gasoline powered vehicles are inspected for emission compliance through the OBDII system.

**Visual Smoke:** A visual inspection for exhaust smoke and crankcase blow-by is conducted on all 1968 and newer model year vehicles that are subject to emission testing.

## LIGHT DUTY DIESEL POWERED MOTOR VEHICLES

1968 and newer light duty diesel powered vehicles are emissions inspected for exhaust opacity on a dynamometer. The dynamometer is operated in a steady state mode using load and speed specifications as prescribed in state regulation. The opacity meter is used in a continuous mode to measure the exhaust opacity. A visual tampering inspection of all emission devices is conducted on 1981 and newer model motor vehicles. All 1968 and newer model year vehicles are visually inspected for a proper gas cap.

	2016 STATEWIDE - LIGHT DUTY DIESEL POWERED VEHICLES												
Total Initial Inspections	Passing Initial Inspection	Failing Initial Inspection	Percent Failing Initial Inspections	Total Re- Inspection	Passing Initial Re- Inspection	Failing Initial Re- Inspection	Percent Failing Initial Re- Inspection	Total Subsequent Inspections					
42,654	42,168	486	1.14%	379	357	22	5.80%	2					

#### **EMISSION STATION CLASSIFICATIONS**

There are two classifications of emission stations, Authorized Inspection Stations and Authorized Stations:

NRS 445B.710 defines an "authorized inspection station" as a station licensed by the Department of Motor Vehicles for inspecting motor vehicles and devices for the control of pollution for compliance with this chapter or any applicable federal regulation or regulation of the Commission. Authorized inspection stations are also referred to as 1G stations.

NRS 445B.720 defines an "authorized station" as a station licensed by the Department of Motor Vehicles for inspecting motor vehicles and devices for the control of pollution for compliance with this chapter or any applicable federal regulation or regulation of the Commission and for installing, repairing, and adjusting such devices to meet the Commission's requirements. Authorized stations are also referred to as 2G stations.

There were a total of 179 active authorized inspection stations statewide in 2016. These stations are licensed and authorized to complete emission testing for the motoring public. There were 246 authorized stations statewide in 2016. These stations are licensed to complete emission testing, installation, repair and adjustments of such emission devices for the motoring public.

There were 26 active governmental fleet stations in 2016. These locations are licensed and authorized to complete emission testing on government vehicles registered to a government entity.

There were 3 active referee stations statewide in 2016. These locations are operated by the Nevada DMV to perform challenge testing.

STATION INFORMATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL STATIONS IN OPERATION												
STATEWIDE	458	457	442	465	447	462	458	457	471	439	463	466
TOTAL STATIONS IN OPERATION												
WASHOE COUNTY	125	125	123	123	123	124	124	123	125	125	126	125
TOTAL STATIONS IN OPERATION												
CLARK COUNTY	333	332	319	342	324	338	334	334	346	314	337	341

STATIONS OUT OF SERVICE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	TOTALS
STATEWIDE TOTALS	23	37	32	27	22	37	44	18	20	43	27	19	349
WASHOE COUNTY TOTALS	8	7	8	2	4	3	6	12	7	10	9	7	83
CLARK COUNTY TOTALS	15	30	24	25	18	34	38	6	13	33	18	12	266

#### **EMISSION INSPECTOR CLASSIFICATIONS**

There are two classifications for approved emission inspectors. Class 1 approved inspectors, also referred to as a 1G approved inspector and class 2 approved inspector, also referred to as a 2G approved inspector.

To become a "1G" approved inspector, individuals must first attend training courses that are conducted by the DMV and private training vendors. Applicants must then pass a written exam and a practical exam, which is administered by the DMV.

To become a "2G" approved inspector, applicants must first meet all "1G" requirements and then pass a written motor vehicle emission diagnostic and repair exam. This exam is administered by the DMV.

Each approved inspector license is valid for a period of 24 months. To renew a license, an approved inspector must attend updated training designated for their specific certification and pass the re-certification exam.

There were 1,463 approved inspectors licensed to test vehicles for emission compliance in Nevada.

INSPECTORS STATEWIDE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
THAT WERE SUSPENDED FROM TESTING AS A RESULT OF COVERT AUDITS	3	3	2	1	3	1	8	0	0	1	0	0	22
THAT WERE FIRED AS A RESULT OF COVERT AUDITS	0	0	1	1	0	0	1	1	1	0	1	0	6
THAT RECEIVED FINES AS A RESULT OF COVERT AUDITS	\$250	\$0	\$250	\$500	\$0	\$1,500	\$750	\$1,250	\$0	\$1,000	\$500	\$0	\$6,000

## **EMISSION TEST EQUIPMENT**

NRS 445B.785 requires the use of the NV2000 emission testing equipment to inspect gasoline powered vehicles. This equipment includes approved analyzers, defined by Nevada Administrative Code (NAC) 445B.5052.

NRS 445B.210 requires the use of a dynamometer when completing an emissions test on diesel powered vehicles.

There were 562 active lanes capable of inspecting gasoline powered motor vehicles in the state of Nevada.

## EMISSION TEST EQUIPMENT: APPROVED EMISSION TESTING EQUIPMENT

Per <u>NAC 445B.587</u> testing is required for certain motor vehicles powered by diesel engines and the specified equipment for the measurement of smoke opacity.

Per <u>NAC 445B.589</u> a printout of the exhaust obtained from the opacity meter must be submitted to the Department with the emission certificate. The opacity standards are based on the elevation of where the vehicle is being inspected.

There were 23 lanes capable of emission testing diesel powered motor vehicles in the state of Nevada.

DI	ESEL VEHICLES UNDER 14,001 PO	UNDS
	DYNAMOMETERS	
Manufacturer Name	Contact Information	Approved Dynamometer Models
MD Mustang Dynamometer	2300 Pinnacle Pkwy Twinsburg, Ohio 44087 Ph: (330) 963-5400	MD – 250 MD – AWD – 500 (SE & DE) MD – 750 MD – 1000
	Fax: (330) 425-3310	MD - 1100 (SE & DE) MD - 1750 (SE & DE)
Superflow Dynamometer	3512 N. Tejon Colorado Springs, CO 80907 Ph: 800-471-7701 Fax (949) 786-3966	849
	OPACITY METERS	
Manufacturer Name	Contact Information	Approved Opacity Meter Models
Bosch Opacity Meters	H. G. Makelim Co. 219 Shaw So San Francisco CA 94080	RTT 100
	Ph: (650) 873-4757 Fax: (650) 873-8685	
Wager Opacity Meters	Robert Wager Corporation 570 Montroyal Road Rural Hall Rural Hall, N.C. 27045 Ph: 1-800-562-7024 Fax: (336) 969-6375	6500
OPA	CITY METER AND DYNAMOMETER	SYSTEM
Manufacturer Name	Contact Information	Approved Models
Worldwide Environmental Products	1100 W. Beacon St. Brea, CA 92821 United States	6000D, only Clayton Roller Sets  – minimum 7,000 lb. Axel Rating
	Ph: 800-832-SMOG Fax: (714) 990-3100	

## **ANALYZER STATISTICS**

ANALYZER INFORMATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL ANALYZERS IN OPERATION												
STATEWIDE	562	665	664	562	567	565	670	670	675	673	673	669
TOTAL ANALYZERS IN OPERATION												
WASHOE COUNTY	171	191	190	168	168	168	193	193	195	196	196	194
TOTAL ANALYZERS IN OPERATION												
CLARK COUNTY	391	474	474	394	399	397	477	477	480	477	477	475

ANALYZERS OUT OF SERVICE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
STATEWIDE TOTALS	31	51	31	43	38	54	63	28	28	66	44	29	506
WASHOE COUNTY TOTALS	13	13	13	13	13	13	9	16	11	12	12	13	151
CLARK COUNTY TOTALS	18	38	18	30	25	41	54	12	17	54	32	16	355

ANALYZER ACCURACY AUDITS WASHOE COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL ANALYZER AUDITS	159	159	157	158	158	159	157	155	157	156	158	157	1890
PASS AUDIT	146	148	147	148	150	153	148	139	146	144	146	144	1759
FAIL AUDIT	13	11	10	10	8	6	9	16	11	12	12	13	131
PERCENTAGE PASSED	92%	93%	94%	94%	95%	96%	94%	90%	93%	92%	92%	92%	93%
PERCENTAGE FAILED	8%	7%	6%	6%	5%	4%	6%	10%	7%	8%	8%	8%	7%

ANALYZER ACCURACY AUDITS CLARK COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL ANALYZER AUDITS	374	377	332	360	385	388	378	377	395	368	380	387	4501
PASS AUDIT	356	339	314	330	360	388	324	365	378	368	380	371	4273
FAIL AUDIT	18	38	18	30	25	0	54	12	17	0	0	16	228
PERCENTAGE PASSED	95%	90%	95%	92%	94%	100%	86%	97%	96%	100%	100%	96%	95%
PERCENTAGE FAILED	5%	10%	5%	8%	6%	0%	14%	3%	4%	0%	0%	4%	5%

#### **HEAVY DUTY DIESEL EMISSION STANDARDS**

NRS 445B.780 requires the regulation of emissions from heavy duty motor vehicles. Trucks and buses with a gross vehicle weight rating of 14,001 pounds or more are not required to undergo annual emission inspections. However, they must adhere to opacity standards for visible smoke. While traveling in Nevada, the required air quality standards are enforced statewide. Vehicles registered in other states are not exempt.

		2016 S	TATEWIDE - HE	AVY DUTY DIE	SEL POWERED	VEHICLES		
Total Initial Inspections	Passing Initial Inspection	Failing Initial Inspection	Percent Failing Initial Inspection	Total Re- Inspection	Passing Initial Re- Inspection	Failing Initial Re- Inspection	Percent Failing Initial Re-Inspection	Total Subsequent Inspections
117	116	1	0.85%	3	3	0	0.00%	0

#### **HEAVY DUTY DIESEL ENFORCEMENT**

Nevada has a Heavy Duty Diesel Enforcement Team. This team is compiled of sworn peace officers that conduct periodic inspections at highway check-sites and weigh stations to verify compliance is being met. These team members have earned and maintain certifications to calibrate, maintain, and employ mobile equipment. This allows the team to conduct field inspections as well as conduct courtesy inspections of Nevada based fleets at the request of fleet owners.

## **GOVERNMENT VEHICLE EMISSION TESTING**

NRS 445B.595 requires that governmental vehicles registered in the urban areas of Washoe and Clark counties complete emission testing yearly. NAC 445B.461 requires that any state agency or political subdivision, in complying with NAC 445B.400 to 445B.735, inclusive, submit to the Department annually a list, in a form prescribed by the Department of those motor vehicles which are assigned government license plates by the Department. The list must contain vehicle emission test results, and fleet compliance must be 100%, as required by the Federal Environmental Protection Agency.

It is the policy of the Department to mail two letters each year to government agencies requesting compliance with annual emission testing. Audits are performed randomly on government vehicles to verify compliance with emission

testing requirements. Any government agency found to be out of compliance will be contacted by a member of the Compliance Enforcement Division and the government agency will be required to meet compliance.

Regulatory requirements for government owned vehicles may be accessed through the following link: <a href="http://leg.state.nv.us/Register/2009Register/R014-09A.pdf">http://leg.state.nv.us/Register/2009Register/R014-09A.pdf</a>

#### **EMISSION WAIVERS**

Per NRS 445B.780 if a vehicle has failed an initial emission test, it must be repaired and pass a second test in order to be eligible for registration. If repairs are made to the vehicle and the vehicle fails a second test, it may be eligible for a waiver. Eligibility requires the vehicle owner to meet the following requirements that are specific to the county the vehicle is based in.

### **Gasoline Emission Waiver Requirements**

If the vehicle still fails after being repaired, it may be eligible for a waiver. The vehicle must fail by having carbon monoxide and/or hydrocarbon levels exceeding standards for all heavy duty vehicles and all light duty vehicles with a model year from 1968-1995 or an illuminated "check engine" lamp for 1996 and newer light duty vehicles.

#### **Clark County**

The vehicle must be repaired by a 2G licensed authorized station to be eligible for a waiver. The waiver application must include receipts from the station showing that at least \$450 has been spent on parts other than a catalytic converter, fuel inlet restrictor, air injection system, or on labor other than emission testing if the repairs evidenced by the receipt were directly related to the deficiency in emissions. If the vehicle is not repaired at an authorized 2G station, it will not be eligible for a waiver, regardless of the cost incurred.

### **Washoe County**

Waiver repairs may be made by a 2G licensed authorized station or the vehicle owner. Vehicles repaired at a non-2G garage are not eligible for a waiver.

If the vehicle is repaired at a 2G station, an application for a waiver must include receipts from the station showing that at least \$200 has been spent on parts other than a catalytic converter, fuel inlet restrictor, air injection system, or on labor other than emission testing if the repairs evidenced by the receipt were directly related to the deficiency in emissions.

If the vehicle is repaired by the owner, the application must include receipts or other evidence that at least \$200 has been spent on parts other than a catalytic converter, fuel inlet restrictor, or air injection system purchased within 14 days after the initial emission test.

In order for a waiver to be requested, the vehicle must have failed the initial test, the financial limit required to obtain a waiver must have been met, and the vehicle must have had a second failing test. The second failing test must reflect that the vehicle is failing for hydrocarbons/carbon monoxide or an illuminated "check engine" lamp. Both failed certificates and receipts for all repair work must be submitted to the DMV Emission Test Facility when requesting a waiver.

**Note:** Waivers will not be issued to vehicles eligible for a warranty coverage smoking vehicles (vehicle must be repaired with no limit on cost), or emission device tampering (vehicle must be repaired with no limit on cost).

Emission components could be covered under warranty for up to 8 years or 80,000 miles, whichever occurs first, under federal law.

#### **Diesel Emission Waiver Requirements**

Diesel powered vehicles 1968 or newer, which are unable to meet the emission standard, may qualify for a waiver issued by the DMV.

If the vehicle is repaired by a shop, a \$750 minimum repair cost for parts and labor other than the replacement of a removed, modified, or disconnected emission control device. The \$750 minimum also excludes the cost of the emission tests. All repair receipts must be dated within fourteen (14) days after the first initial failed emission test.

A \$500.00 minimum repair cost for parts will be considered for owner-repaired vehicles. Replacement costs for emission control devices are excluded. There will be no allowance for labor costs on self-repaired vehicles. All receipts for the parts only, must be dated within fourteen (14) days after the first initial failed emission test.

In order for a waiver to be requested, the vehicle must have failed the initial test, the financial limit required to obtain a waiver must have been met, and the vehicle must have had a second failing test. The second failing test must reflect that the vehicle is failing for exceeding opacity standards. Both failed certificates and receipts for all repair work must be submitted to the DMV Emission Test Facility when requesting a waiver.

**Note:** A waiver cannot be issued on a vehicle eligible for warranty coverage, or a vehicle that has failed due to tampering or missing devices.

## **WAIVERS – LIGHT DUTY**

CLARK COUNTY SHOP REPAIRS LIGHT DUTY											
Model Year	Number of Waivers	Average Repair Amount									
1971	1	\$483.21									
1985	1	\$1,482.63									
1986	1	\$607.00									
1988	4	\$590.00									
1991	2	\$845.50									
1992	3	\$495.16									
1993	1	\$450.99									
1994	4	\$665.89									
1995	2	\$512.51									
1996	16	\$597.20									
1997	24	\$666.40									
1998	22	\$584.13									
1999	41	\$558.25									
2000	63	\$603.62									
2001	91	\$600.65									
2002	98	\$617.73									
2003	78	\$625.00									
2004	80	\$645.99									
2005	64	\$711.96									
2006	62	\$563.51									
2007	47	\$676.43									
2008	30	\$708.19									
2009	13	\$528.31									
2010	7	\$474.82									
2011	8	\$657.06									
2012	5	\$587.42									
2013	1	\$486.56									
	769										

WASH	DE COUNTY SE LIGHT DUT	
Model Year	Number of Waivers	Average Repair Amount
1968	1	\$251.95
1971	1	\$224.96
1975	2	\$277.00
1978	1	\$225.00
1979	1	\$289.97
1980	1	\$363.14
1982	2	\$447.47
1985	1	\$269.95
1987	1	\$267.00
1988	1	\$332.41
1989	2	\$205.83
1990	1	\$337.19
1991	1	\$222.02
1992	3	\$259.02
1993	2	\$210.69
1994	2	\$207.97
1995	3	\$217.39
1996	3	\$234.69
1997	6	\$286.25
1998	4	\$207.27
1999	6	\$224.24
2000	4	\$297.49
2001	13	\$287.93
2002	10	\$287.16
2003	4	\$239.28
2005	3	\$235.82
2006	4	\$299.02
2007	1	\$225.00
2008	2	\$714.77
2010	1	\$226.97
Total	87	

WASHOE	COUNTY SHO DUTY	P REPAIRS LIGHT
Model Year	Number of Waivers	Average Repair Amount
1968	1	\$320.40
1969	1	\$275.00
1970	1	\$201.60
1971	1	\$667.14
1972	1	\$290.00
1979	1	\$206.56
1982	1	\$454.00
1983	2	\$312.63
1984	1	\$337.50
1985	3	\$224.93
1986	4	\$286.92
1987	4	\$265.16
1988	1	\$262.81
1989	3	\$251.11
1990	3	\$260.60
1991	6	\$299.39
1992	5	\$280.15
1993	9	\$283.48
1994	6	\$229.83
1995	10	\$318.55
1996	20	\$380.89
1997	24	\$277.46
1998	23	\$265.55
1999	37	\$364.53
2000	34	\$282.16
2001	73	\$332.16
2002	52	\$323.09
2003	33	\$389.12
2004	37	\$308.37
2005	23	\$370.36
2006	27	\$315.83
2007	11	\$296.92
2008	7	\$465.85
2009	1	\$342.09
2010	2	\$1,213.94
2011	7	\$272.67
2012	1	\$226.25
Total	476	

#### **SMOKING VEHICLES**



A vehicle which emits visible smoke will not pass an emission inspection and does not qualify for any waiver. Law enforcement may issue citations for visible smoke.

The Nevada DMV also operates the Smog Spotter program to encourage the public to report smoking vehicles online or by telephone.

SmogSpotter.com	(844) 363-7664 (844-END-SMOG) Statewide
(702) 642-7664 (642-SMOG) in Las Vegas	(775) 686-7664 (686-SMOG) in Reno

The DMV will investigate reports on any vehicle with a Nevada registration, including heavy-duty diesel trucks and vehicles based in rural areas.

After receiving a Smog Spotter report, the DMV's Compliance Enforcement Division sends an advisory letter to the registered owner of the smoking vehicle. If the letter does not require the vehicle to be inspected at the DMV Emissions Lab, the registered owner must check the vehicle and make any necessary repairs to reduce excessive emissions.

If law enforcement or DMV staff makes a report, the registered owner will be instructed to present the vehicle at a DMV Emissions Control Lab for inspection.

Failure to comply can result in cancelation of the vehicle's registration or a hold on its registration renewal.

65

154

Law enforcement officers may issue citations for excessive smoke under several laws including <u>NRS 484D.415</u>: "The engine and power mechanism of every motor vehicle shall be so equipped and adjusted as to prevent the escape of excessive fumes or smoke."

Smoking vehicles data for calendar year 2016:

Letters from CED

STATEWIDE	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
Reported Vehicles	502	860	956	812	961	918	885	914	983	828	761	469	9,849
Letters from CED	255	503	580	482	545	569	441	387	509	423	459	276	5,429
	-												
WASHOE COUNTY	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
Reported Vehicles	159	159	157	158	158	159	304	342	325	244	188	114	2.467

CLARK COUNTY	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
Reported Vehicles	343	701	799	654	803	759	581	572	658	584	573	355	7,382
Letters from CED	205	438	426	331	417	403	280	266	353	304	376	196	3,995

166

1,434

#### **EMISSION CONTROL RESIDENCY AFFIDAVITS**

NAC 445B.591 and NAC 445B.5915 requires that the Department supply a form for the registration of a vehicle that is not currently located in one of the Nevada emission program areas and is subject to an annual emission inspection.

If a vehicle is temporarily used and maintained in the state of Nevada, in an area or county that does not require an emission inspection; a registrant may register the vehicle or renew the current registration by completing the Emission Control Exemption Application (EC-8).

If a vehicle is temporarily used and maintained outside of the state of Nevada, the registrant must provide a passing emissions certificate from the state where the vehicle is located. If the state where the vehicle is located has no emission program, an Emission Control Exemption Application (EC-8) must be completed.

The registration application or registration renewal notice must be accompanied by the exemption application. These documents can be submitted in person or by mail. If the documents are being submitted by mail the registrant must include a check, money order, or credit card authorization form in the exact amount of the registration fee. All documents must be postmarked prior to the expiration of the current registration.

This application is available on the agency website at: <a href="http://www.dmvnv.com/pdfforms/ec8.pdf">http://www.dmvnv.com/pdfforms/ec8.pdf</a>

Each completed application is forwarded to the applicable region's Supervisory Emission Control Officer in the Compliance Enforcement Division for review of any potential emission evaders.

Any questionable applications are referred to the Investigative Unit of the Compliance Enforcement Division.

## **EMISSION CONTROL EVADER PROGRAM**

The Compliance Enforcement Division implemented an Emission Control Evader Program in December of 2010.

Each completed Emission Control Exemption Application (EC-8) is forwarded to the applicable region's Supervisory Emission Control Officer in the Compliance Enforcement Division for review of any potential emission evaders.

Any questionable applications are referred to the Investigative Unit of the Compliance Enforcement Division.

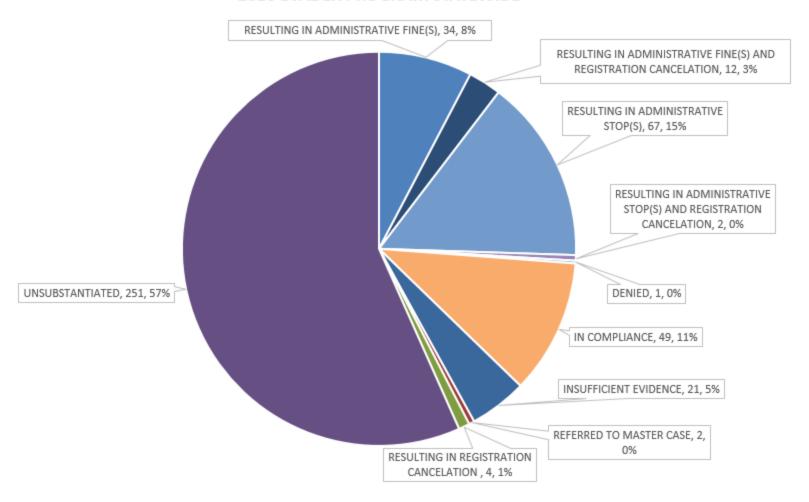
Compliance Enforcement Investigators monitor the address of record for the vehicle to determine its status. When a potential evader is found, a case number is assigned.

Regulatory action is initiated towards any vehicle found not in compliance with Nevada emission requirements. If it is found that a customer committed fraud, the investigator will issue a citation.

The customer has the right to a hearing as provided in Nevada Revised Statutes (NRS). Once the case is settled, the vehicle is brought into compliance with an emission test.

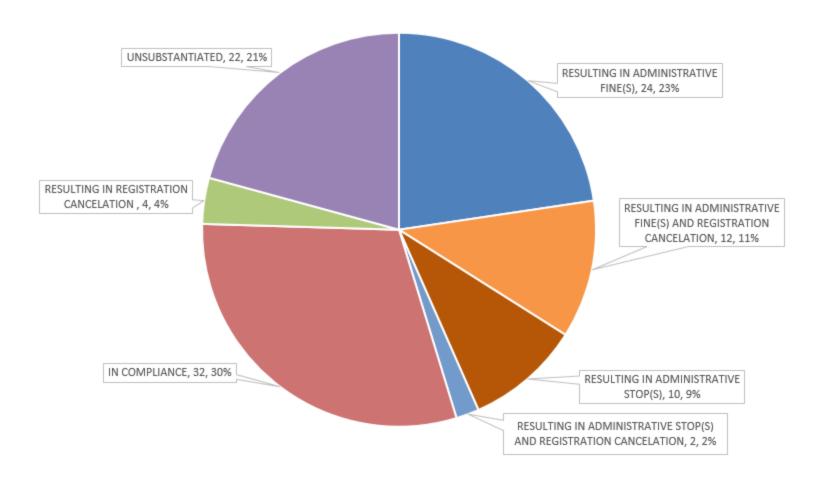
2016 EVADER PROGRAM	1	WASHOE COUNTY			CLARK COUNTY	
MONTHLY TOTALS BY DISPOSITION	NUMBER OF CASES	FINE AMOUNT TOTAL	AMOUNT PAID TOTAL	NUMBER OF CASES	FINE AMOUNT TOTAL	AMOUNT PAID TOTAL
JANUARY	13	\$900.00	\$900.00	31	\$200.00	\$200.00
FEBRUARY	12	\$1,400.00	\$300.00	2	\$0.00	\$0.00
MARCH	4	\$200.00	\$0.00	11	\$0.00	\$0.00
APRIL	6	\$500.00	\$500.00	45	\$0.00	\$0.00
MAY	8	\$200.00	\$200.00	42	\$200.00	\$200.00
JUNE	3	\$400.00	\$200.00	41	\$600.00	\$600.00
JULY	8	\$0.00	\$0.00	38	\$200.00	\$200.00
AUGUST	0	\$0.00	\$0.00	42	\$700.00	\$400.00
SEPTEMBER	10	\$1,600.00	\$1,300.00	28	\$900.00	\$600.00
OCTOBER	11	\$1,600.00	\$1,100.00	16	\$0.00	\$0.00
NOVEMBER	12	\$1,800.00	\$900.00	32	\$1,900.00	\$1,300.00
DECEMBER	19	\$1,400.00	\$1,400.00	9	\$200.00	\$200.00
TOTALS	106	\$10,000.00	\$6,800.00	337	\$4,900.00	\$3,700.00

## 2016 EVADER PROGRAM STATEWIDE



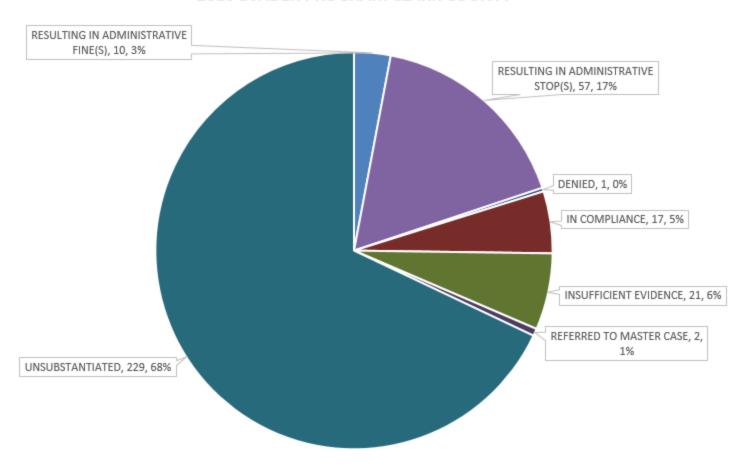
			20	16 EVADER	PROGRAM STA	TEWIDE IN DE	TAIL			
DISPOSITION	NUMBER OF CASES	FINE AMOUNT	FINE AMOUNT TOTAL	AMOUNT PAID	AMOUNT PAID TOTAL	HEARING REQUEST DATE	HEARING DATE	HEARING DISPOSITION	TOTAL NUMBER OF CASES BY DISPOSITION	PERCENTAGES OF EVADER PROGRAM
	1	\$300.00	\$300.00	\$300.00	\$300.00					
	1	\$500.00	\$500.00	\$0.00	\$0.00					
RESULTING IN	1	\$500.00	\$500.00	\$500.00	\$500.00	10/7/2016	12/20/2016	Affirmed	34	7.67%
ADMINISTRATIVE FINE(S)	4	\$300.00	\$1,200.00	\$0.00	\$0.00				34	1.0176
	9	\$300.00	\$2,700.00	\$300.00	\$2,700.00					
	18	\$200.00	\$3,600.00	\$200.00	\$3,600.00					
	1	\$200.00	\$200.00	\$200.00	\$200.00					
RESULTING IN	1	\$300.00	\$300.00	\$0.00	\$0.00	9/8/2015	12/10/2015	Affirmed		
ADMINISTRATIVE FINE(S)	1	\$500.00	\$500.00	\$0.00	\$0.00				12	2.71%
AND REGISTRATION	2	\$200.00	\$400.00	\$0.00	\$0.00				12	2.7170
CANCELATION	3	\$300.00	\$900.00	\$0.00	\$0.00					
	4	\$300.00	\$1,200.00	\$300.00	\$1,200.00					
RESULTING IN	2	\$300.00	\$600.00	\$0.00	\$0.00					
ADMINISTRATIVE STOP(S)	10	\$200.00	\$2,000.00	\$200.00	\$2,000.00				67	15.12%
(-)	55	\$0.00	\$0.00	\$0.00	\$0.00					
RESULTING IN ADMINISTRATIVE STOP(S) AND REGISTRATION CANCELATION	2	\$0.00	\$0.00	\$0.00	\$0.00				2	0.45%
DENIED	1	\$0.00	\$0.00	\$0.00	\$0.00				1	0.23%
IN COMPLIANCE	49	\$0.00	\$0.00	\$0.00	\$0.00				49	11.06%
INSUFFICIENT EVIDENCE	21	\$0.00	\$0.00	\$0.00	\$0.00				21	4.74%
REFERRED TO MASTER CASE	2	\$0.00	\$0.00	\$0.00	\$0.00				2	0.45%
RESULTING IN REGISTRATION CANCELATION	4	\$0.00	\$0.00	\$0.00	\$0.00				4	0.90%
UNSUBSTANTIATED	251	\$0.00	\$0.00	\$0.00	\$0.00				251	56.66%
TOTALS	443		\$14,900.00		\$10,500.00				443	100.00%

## 2016 EVADER PROGRAM WASHOE COUNTY



		2	016 EVADER P	ROGRAM W	ASHOE COU	NTY IN DETA	IL			
DISPOSITION	NUMBER FINE OF CASES AMOUNT		FINE AMOUNT TOTAL	AMOUNT PAID	AMOUNT PAID TOTAL	HEARING REQUEST DATE	HEARING DATE	HEARING DISPOSITION	TOTAL NUMBER OF CASES BY DISPOSITION	PERCENTAGES OF EVADER PROGRAM
RESULTING IN ADMINISTRATIVE FINE(S)	1 1 2 9 11	\$500.00 \$500.00 \$300.00 \$300.00 \$200.00	\$500.00 \$500.00 \$600.00 \$2,700.00 \$2,200.00	\$0.00 \$500.00 \$0.00 \$300.00 \$200.00	\$0.00 \$500.00 \$0.00 \$2,700.00 \$2,200.00	10/7/2016	12/20/2016	Affirmed	24	22.64%
RESULTING IN ADMINISTRATIVE FINE(S) AND REGISTRATION CANCELATION	1 1 1 2 3 4	\$200.00 \$300.00 \$500.00 \$200.00 \$300.00	\$200.00 \$300.00 \$500.00 \$400.00 \$900.00 \$1,200.00	\$200.00 \$0.00 \$0.00 \$0.00 \$0.00 \$300.00	\$200.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00	9/8/2015	12/10/2015	Affirmed	12	11.32%
RESULTING IN ADMINISTRATIVE STOP(S)	10	\$0.00	\$0.00	\$0.00	\$0.00				10	9.43%
RESULTING IN ADMINISTRATIVE STOP(S) AND REGISTRATION CANCELATION	2	\$0.00	\$0.00	\$0.00	\$0.00				2	1.89%
IN COMPLIANCE	32	\$0.00	\$0.00	\$0.00	\$0.00			•	32	30.19%
RESULTING IN REGISTRATION CANCELATION UNSUBSTANTIATED	4 22	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00				4 22	3.77% 20.75%
TOTALS	106	ψ0.00	\$10,000.00	Ψ0.00	\$6,800.00				106	100.00%

## 2016 EVADER PROGRAM CLARK COUNTY



			2016 EVAD	DER PROGRA	M CLARK CO	UNTY IN DET	AIL			
DISPOSITION	NUMBER OF CASES	FINE AMOUNT	FINE AMOUNT TOTAL	AMOUNT PAID	AMOUNT PAID TOTAL	HEARING REQUEST DATE	HEARING DATE	HEARING DISPOSITION	TOTAL NUMBER OF CASES BY DISPOSITION	PERCENTAGES OF EVADER PROGRAM
RESULTING IN	1	\$300.00	\$300.00	\$300.00	\$300.00					
ADMINISTRATIVE FINE(S)	2	\$300.00	\$600.00	\$0.00	\$0.00				10	2.97%
ADMINISTRATIVE FINE(S)	7	\$200.00	\$1,400.00	\$200.00	\$1,400.00					
RESULTING IN	2	\$300.00	\$600.00	\$0.00	\$0.00					
ADMINISTRATIVE STOP(S)	10	\$200.00	\$2,000.00	\$200.00	\$2,000.00				57	16.91%
ADMINISTRATIVE STOP(S)	45	\$0.00	\$0.00	\$0.00	\$0.00					
DENIED	1	\$0.00	\$0.00	\$0.00	\$0.00				1	0.30%
IN COMPLIANCE	17	\$0.00	\$0.00	\$0.00	\$0.00				17	5.04%
INSUFFICIENT EVIDENCE	21	\$0.00	\$0.00	\$0.00	\$0.00				21	6.23%
REFERRED TO MASTER CASE	2	\$0.00	\$0.00	\$0.00	\$0.00				2	0.59%
UNSUBSTANTIATED	229	\$0.00	\$0.00	\$0.00	\$0.00				229	67.95%
TOTALS	337	•	\$4,900.00	•	\$3,700.00	•	•	•	337	100.00%

## **REPLICA VEHICLES**

Per NRS 445B.759 replica vehicles are exempt from emission requirements.

8

4

4

50%

50%

**WASHOE COUNTY** TOTAL PRACTICAL TESTS

PERCENTAGE PASSED

PERCENTAGE FAILED

PASSED

FAILED

13

7

6

54%

46%

12

9

3

75%

25%

#### **CLASSIC AND OLD TIMER VEHICLES**

The passage of Assembly Bill 2, effective October 1, 2012 allows vehicles registered with Classic Vehicle, Classic Rod, or Old Timer license plates, that are driven 5,000 miles or less per year exemption from emissions testing. A form is required to be submitted yearly in order for a registrant to maintain this exemption.

Classic Vehicle License Application:	http://www.dmvnv.com/pdfforms/sp34.pdf
Classic Rod License Application:	http://www.dmvnv.com/pdfforms/sp20.pdf
Old Timer License Application:	http://www.dmvnv.com/pdfforms/sp12.pdf
Odometer Certification Form:	http://www.dmvnv.com/pdfforms/ec18.pdf
Information Sheet:	http://www.dmvnv.com/pdfforms/ec19.pdf

#### APPROVED INSPECTORS - NEW APPLICANT AUTHORITY

NAC 445B.485 specifies the prerequisites for licensing of new applicants to obtain approved inspector authority. NAC 445B.486 specifies the examination process of applicants requesting such licensing and authority.

NEW 1G APPLICANTS STATEWIDE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL WRITTEN TESTS	41	28	52	52	47	38	32	37	25	42	61	3	458
PASSED	39	24	38	41	36	25	19	31	24	35	47	3	362
FAILED	2	4	14	11	11	13	13	6	1	7	14	0	96
PERCENTAGE PASSED	95%	86%	73%	79%	77%	69%	59%	84%	96%	83%	77%	100%	79%
PERCENTAGE FAILED	5%	14%	27%	21%	23%	36%	41%	16%	4%	17%	23%	0%	21%
NEW 1G APPLICANTS WASHOE COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL WRITTEN TESTS	9	9	19	19	17	5	1	12	11	9	15	3	129
PASSED	8	9	11	15	14	4	1	11	11	6	11	3	104
FAILED	1	0	8	4	3	1	0	1	0	3	4	0	25
PERCENTAGE PASSED	89%	100%	58%	79%	82%	80%	100%	92%	100%	67%	73%	100%	81%
PERCENTAGE FAILED	11%	0%	42%	21%	18%	20%	0%	8%	0%	33%	27%	0%	19%
NEW 1G APPLICANTS CLARK COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL WRITTEN TESTS	32	19	33	33	30	33	31	25	14	33	46	0	329
PASSED	31	15	27	26	22	21	18	20	13	29	36	0	258
FAILED	1	4	6	7	8	12	13	5	1	4	10	0	71
PERCENTAGE PASSED	97%	79%	82%	79%	73%	68%	58%	80%	93%	88%	78%	0%	79%
PERCENTAGE FAILED	3%	21%	18%	21%	27%	39%	42%	20%	7%	12%	22%	0%	22%
NEW 1G APPLICANTS STATEWIDE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL PRACTICAL TESTS	24	41	38	43	57	50	25	34	28	29	36	19	424
PASSED	16	19	18	20	31	24	13	14	18	12	27	7	219
FAILED	8	22	20	23	26	26	12	20	10	17	9	12	205
PERCENTAGE PASSED	67%	46%	47%	47%	54%	48%	52%	41%	64%	41%	75%	37%	52%
PERCENTAGE FAILED	33%	54%	53%	53%	46%	52%	48%	59%	36%	59%	25%	63%	48%
NEW 1G APPLICANTS WASHOE COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	TOTAL

17

8

9

47%

53%

18

11

7

61%

39%

9

2

7

22%

78%

6

5

1

83%

17%

7

3

4

43%

57%

8

5

3

63%

38%

14

6

8

43%

57%

8

4

4

50%

50%

5

2

3

40%

60%

125

66

59

53%

47%

NEW 1G APPLICANTS CLARK COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL PRACTICAL TESTS	16	29	25	25	40	41	19	27	20	15	28	14	299
PASSED	12	10	11	9	23	22	8	11	13	6	23	5	153
FAILED	4	19	14	16	17	19	11	16	7	9	5	9	146
PERCENTAGE PASSED	75%	34%	44%	36%	58%	54%	42%	41%	65%	40%	82%	36%	51%
PERCENTAGE FAILED	25%	66%	56%	64%	43%	46%	58%	59%	35%	60%	18%	64%	49%

NEW 2G APPLICANTS STATEWIDE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	TOTAL
TOTAL WRITTEN TESTS	12	10	14	8	10	4	11	6	9	18	7	3	112
PASSED	5	4	5	3	1	2	1	1	5	8	1	2	38
FAILED	7	6	9	5	9	2	10	5	4	10	6	1	74
PERCENTAGE PASSED	42%	40%	36%	38%	10%	50%	9%	17%	56%	44%	14%	67%	34%
PERCENTAGE FAILED	58%	60%	64%	63%	90%	50%	91%	83%	44%	56%	86%	33%	66%

NEW 2G APPLICANTS WASHOE COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL WRITTEN TESTS	0	1	5	1	3	0	1	0	0	10	1	1	23
PASSED	0	0	2	1	0	0	0	0	0	6	0	1	10
FAILED	0	1	3	0	3	0	1	0	0	4	1	0	13
PERCENTAGE PASSED	0%	0%	40%	100%	0%	0%	0%	0%	0%	60%	0%	100%	43%
PERCENTAGE FAILED	0%	100%	60%	0%	100%	0%	100%	0%	0%	40%	100%	0%	57%

NEW 2G APPLICANTS CLARK COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL WRITTEN TESTS	12	9	9	7	7	4	10	6	9	8	6	2	89
PASSED	5	4	3	2	1	2	1	1	5	2	1	1	28
FAILED	7	5	6	5	6	2	9	5	4	6	5	1	61
PERCENTAGE PASSED	42%	44%	33%	29%	14%	50%	10%	17%	56%	25%	17%	50%	31%
PERCENTAGE FAILED	58%	56%	67%	71%	86%	50%	90%	83%	44%	75%	83%	50%	69%

## **APPROVED INSPECTORS - RECERTIFICATION AUTHORITY**

NAC 445B.497 specifies the requirements for recertification and renewal of authority for approved inspectors.

1G INSPECTOR RENEWAL STATEWIDE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL WRITTEN TESTS	46	53	64	62	47	60	44	51	54	45	46	36	608
PASSED	46	53	63	62	47	60	38	51	54	45	46	36	601
FAILED	0	0	1	0	0	0	6	0	0	0	0	0	7
PERCENTAGE PASSED	100%	100%	98%	100%	100%	100%	86%	100%	100%	100%	100%	100%	99%
PERCENTAGE FAILED	0%	0%	2%	0%	0%	0%	14%	0%	0%	0%	0%	0%	1%

1G INSPECTOR RENEWAL WASHOE COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL WRITTEN TESTS	15	9	13	25	14	25	6	10	21	9	6	14	167
PASSED	15	9	12	25	14	25	0	10	21	9	6	14	160
FAILED	0	0	1	0	0	0	6	0	0	0	0	0	7
PERCENTAGE PASSED	100%	100%	92%	100%	100%	100%	0%	100%	100%	100%	100%	100%	96%
PERCENTAGE FAILED	0%	0%	8%	0%	0%	0%	100%	0%	0%	0%	0%	0%	4%

1G INSPECTOR RENEWAL CLARK COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL WRITTEN TESTS	31	44	51	37	33	35	38	41	33	36	40	22	441
PASSED	31	44	51	37	33	35	38	41	33	36	40	22	441
FAILED	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENTAGE PASSED	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PERCENTAGE FAILED	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

All persons applying for licensing as a 1G inspector for the first time must either complete an authorized 1G 20 hour course or be currently certified by the National Institute for Automotive Service Excellence (ASE) in either A8, Engine Performance, or L-1 Advanced Engine Performance.

	ved Training Providers Hour and 2G 20 Hour Update Classes
Automotive Technical Solutions Charlie Robertson or Dave Robertson 4425 E Sahara Ave, #42 Las Vegas, NV 89104 (702) 900-8392 1G 20 Hour, 2G 40 Hour, 2G 20 Hour Classes	Automotive Training and Diagnostic Systems David Restar 3255 W. Ann Road (Doctor Auto) North Las Vegas, NV 89031 (702) 306-4180 1G 20 Hour Class, 2G 40 Hour, 2G 20 Hour Classes
National Automotive Charlie Robertson or Dave Robertson 4885 E. Flamingo Rd. Las Vegas, NV 89121 (702) 900-8392 1G 20 Hour, 2G 40 Hour, 2G 20 Hour Classes	Professional Automotive Training (Frank's European Service) Tom Finneran 1931 N. Rainbow Blvd. Las Vegas, NV 89108 (702) 395-5263 professionalautomotivetraining.net 1G 20 Hour, 2G 40 Hour, 2G 20 Hour Classes
Community College of Southern Nevada John Ventura 3200 East Cheyenne Ave North Las Vegas, NV 89030 (702) 651-4842 1G 20 Hour Class	Truckee Meadows Community College Sam Byington 475 Edison Way Reno, NV 89502 (775) 857-4956 1G 20 Hour, 2G 40 Hour, 2G 20 Hour Classes

The following approved classes may be used to satisfy the class 2 "2G" approved emission inspector 12 hours of training requirement. In addition to attending 12 hours of training, approved class 2 "2G" inspectors must also take and pass the Department's class 2G renewal examination. The Automotive Service Excellence L–1 certification exam results may be used to renew the class 2G license if taken within 12 months of renewal date.

- 1. **AC Delco:** Instructor led classes, except basic electrical. The course certificate of completion document must indicate how many hours the individual attended toward the 12 hour minimum training requirement.
- Carquest: Instructor led classes, except brake and climate control. The course certificate of completion document must indicate how many hours the individual attended toward the 12 hour minimum training requirement.
- 3. **ATG Training Seminars:** The course certificate of completion document must indicate how many hours the individual attended toward the 12 hour minimum training requirement.
- 4. **ITS Classes (on an individual basis):** The course certificate of completion document must indicate how many hours the individual attended toward the 12 hour minimum training requirement.
- 5. **Napa (instructor led onsite training) classes listed below:** The course certificate of completion document must indicate how many hours the individual attended toward the 12 hour minimum training requirement.
  - a. Labscope Diagnostics I and II
  - b. Ford EEC V Diagnostics
  - c. Ford Trucks Fuel Injection
  - d. GM Trucks, Central Port Injection
  - e. GM Trucks Fuel Injection Diagnostics
  - f. GM Trucks Featuring OBD II Part 1 and Part 2
  - g. Toyota Fuel Injection
- O'Reilly (instructor led onsite training) classes listed below: The course certificate of completion
  document must indicate how many hours the individual attended toward the 12 hour minimum training
  requirement.
  - a. Ford Drivability Solutions (Master Technician Series)
  - b. GM Drivability Solutions (Master Technician Series)
  - c. Diagnosing the Top Toyota Drivability Problems (Master Technician Series)
  - d. Rapid Diagnostics: Going Beyond the Code (Master Technician Series)
  - e. Asian Import Drivability Solutions (Real World Training Series)
  - f. EVAP Code Diagnosis (Real World Training Series)

- g. 10 Modes to Fix Codes (Real World Training Series)
- h. Diagnose and Repair Vehicle Networks (Real World Training Series)
- Induction System Diagnosis and Repair (Real World Training Series)
- 7. **Lexus Engine Control Systems II:** The course certificate of completion document must indicate how many hours the individual attended toward the 12 minimum training requirement.

**Note:** Only original certificates or letters will be accepted for proof of training and must include an original signature by a representative of the training provider as well as the number or hours attended.

#### **AUTHORIZED STATIONS: OVERT AUDIT AUTHORITY**

<u>NAC 445B.472</u> specifies the requirements of test stations to include the records of inspections and repairs, inspection of place of business, and audit of exhaust gas analyzers.

## AUTHORIZED STATIONS: OVERT AUDIT AUTHORITY/OTHER ITEMS INSPECTED AT MINIMUM EACH MONTH

NAC 445B.469 specifies the requirements that each authorized station or authorized inspection station must meet regarding the posting of signs and placards.

NAC 445B.470 specifies the display of licenses and the availability of any reference information.

<u>NAC 445B.471</u> specifies the advertising provisions set forth by the department for test stations regarding advertising and certain informational material for the public.

OVERT AUDITS WASHOE COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL STATIONS RECEIVING OVERT AUDITS	125	125	123	123	123	124	124	123	125	125	126	125	1491
TOTAL STATIONS NOT RECEIVING OVERT AUDITS	0	0	0	0	0	0	0	0	0	1	0	0	1
PASS AUDIT	117	118	115	121	119	121	118	111	118	115	117	118	1408
FAIL AUDIT	8	7	8	2	4	3	6	12	7	10	9	7	83
PERCENTAGE PASSED	94%	94%	93%	98%	97%	98%	95%	90%	94%	92%	93%	94%	94%
PERCENTAGE FAILED	6%	6%	7%	2%	3%	2%	5%	10%	6%	8%	7%	6%	6%
TOTAL STATIONS CLOSED DUE TO OVERT AUDITS	0	0	0	0	0	0	0	1	0	1	0	1	3

OVERT AUDITS CLARK COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTAL
TOTAL OVERT AUDITS	70	87	109	98	324	338	334	334	346	314	337	341	3032
TOTAL STATIONS NOT RECEIVING OVERT AUDITS	263	245	210	244	0	0	0	0	0	0	0	0	962
PASS AUDIT	52	67	92	72	306	304	296	328	333	281	337	329	2797
FAIL AUDIT	18	20	17	26	18	34	38	6	13	33	0	12	235
PERCENTAGE PASSED	74%	77%	84%	73%	94%	90%	89%	98%	96%	89%	100%	96%	92%
PERCENTAGE FAILED	26%	23%	16%	27%	6%	10%	11%	2%	4%	11%	0%	4%	8%
TOTAL STATIONS CLOSED DUE TO OVERT AUDITS	0	0	0	0	0	0	0	0	0	0	0	0	0

NAC 445B.474 specifies the terms for test stations that fail to employ approved inspectors.

NAC 445B.475 specifies the requirements for employees of authorized stations or class 2 fleet stations.

<u>NAC 445B.480</u> specifies the requirements concerning business days and hours of operation, request for variances, and notification upon absence of approved inspector for test stations.

## INSPECTION OF TEST STATIONS AND APPROVED INSPECTORS COVERT AUDIT AUTHORITY

COVERT AUDITS STATEWIDE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TOTAL STATIONS RECEIVING COVERT AUDITS	24	39	48	47	46	44	48	0	21	10	0	24	351
TOTAL STATIONS NOT RECEIVING COVERT AUDITS	434	418	394	418	401	418	410	457	450	429	463	442	5134
TOTAL STATIONS CLOSED AS A RESULT OF A COVERT AUDIT	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS WITH VEHICLE SET FAIL PER TEST TYPE	0	0	0	0	14	12	1	0	0	0	0	0	27
TOTAL NUMBER OF COVERT AUDITS WITH VEHICLE SET FAIL TWO OR MORE TEST TYPES	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS RESULTING IN A FALSE PASS TEST TYPE	2	3	0	0	1	0	3	0	0	0	0	0	9
TOTAL NUMBER OF COVERT AUDITS WITH FALSE PASS FOR TWO OR MORE TEST TYPES	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS THAT RESULTED IN VIOLATIONS	3	3	1	1	1	0	3	0	0	0	0	0	12
TOTAL NUMBER OF VEHICLES AVAILABLE FOR COVERT AUDITS	1	1	3	2	1	2	2	0	0	0	0	0	12
PERCENTAGE OF STATIONS RECEIVING COVERT AUDITS	5%	9%	11%	10%	10%	10%	10%	0%	4%	2%	0%	5%	6%
PERCENTAGE OF STATIONS NOT RECEIVING COVERT AUDITS	95%	91%	89%	90%	90%	90%	90%	100%	96%	98%	100%	95%	94%

COVERT AUDITS WASHOE COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTALS
TOTAL STATIONS RECEIVING COVERT AUDITS	16	16	16	15	14	12	16	0	0	0	0	0	105
TOTAL STATIONS NOT RECEIVING COVERT AUDITS	109	109	107	108	109	112	108	123	125	125	126	125	1386
TOTAL STATIONS CLOSED AS A RESULT OF A COVERT AUDIT	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS WITH VEHICLE SET FAIL PER TEST TYPE	0	0	0	0	14	12	1	0	0	0	0	0	27
TOTAL NUMBER OF COVERT AUDITS WITH VEHICLE SET FAIL TWO OR MORE TEST TYPES	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS RESULTING IN A FALSE PASS TEST TYPE	2	3	0	0	1	0	3	0	0	0	0	0	9
TOTAL NUMBER OF COVERT AUDITS WITH FALSE PASS FOR TWO OR MORE TEST TYPES	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS THAT RESULTED IN VIOLATIONS	3	3	1	1	1	0	3	0	0	0	0	0	12
TOTAL NUMBER OF VEHICLES AVAILABLE FOR COVERT AUDITS	1	1	1	2	1	2	1	0	0	0	0	0	9
PERCENTAGE OF STATIONS RECEIVING COVERT AUDITS	13%	13%	13%	12%	11%	10%	13%	0%	0%	0%	0%	0%	7%
PERCENTAGE OF STATIONS NOT RECEIVING COVERT AUDITS	87%	87%	87%	88%	89%	90%	87%	100%	100%	100%	100%	100%	93%

COVERT AUDITS CLARK COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	TOTALS
TOTAL STATIONS RECEIVING COVERT AUDITS	8	23	32	32	32	32	32	0	21	10	0	24	246
TOTAL STATIONS NOT RECEIVING COVERT AUDITS	325	309	287	310	292	306	302	334	325	304	337	317	3748
TOTAL STATIONS CLOSED AS A RESULT OF A COVERT AUDIT	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS WITH VEHICLE SET FAIL PER TEST TYPE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS WITH VEHICLE SET FAIL TWO OR MORE TEST TYPES	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS RESULTING IN A FALSE PASS TEST TYPE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS WITH FALSE PASS FOR TWO OR MORE TEST TYPES	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF COVERT AUDITS THAT RESULTED IN VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUMBER OF VEHICLES AVAILABLE FOR COVERT AUDITS	0	0	2	0	0	0	1	0	0	0	0	0	3
PERCENTAGE OF STATIONS RECEIVING COVERT AUDITS	2%	7%	10%	9%	10%	9%	10%	0%	6%	3%	0%	7%	6%
PERCENTAGE OF STATIONS NOT RECEIVING COVERT AUDITS	98%	93%	90%	91%	90%	91%	90%	100%	94%	97%	100%	93%	94%

NAC 445B.7015 specifies the requirements of annual and additional inspections.

NAC 445B.7025 specifies the alteration of emission control systems of vehicles used to conduct inspection.

NAC 445B.7035 specifies the requirements of preliminary written notices for violation and re-inspection of vehicles.

NAC 445B.7045 specifies the administrative fines and other penalties for certain violations.

## **EMISSION TEST COMPLIANCE**

The Nevada Department of Motor Vehicles uses a registration denial based enforcement program to regulate emission testing compliance. Vehicles registered in Clark and Washoe counties are required to obtain an annual passing emission certificate prior to vehicle registration or registration renewal. If a vehicle fails to obtain a passing emission certificate, and does not meet the requirements to obtain a waiver, the vehicle registration or registration renewal is not issued.

There was a total of 1,977,095 vehicles registered in Clark and Washoe counties subject to the Emission Control Program in 2016. In 2016, there was an emission testing compliance rate of 81.07%.

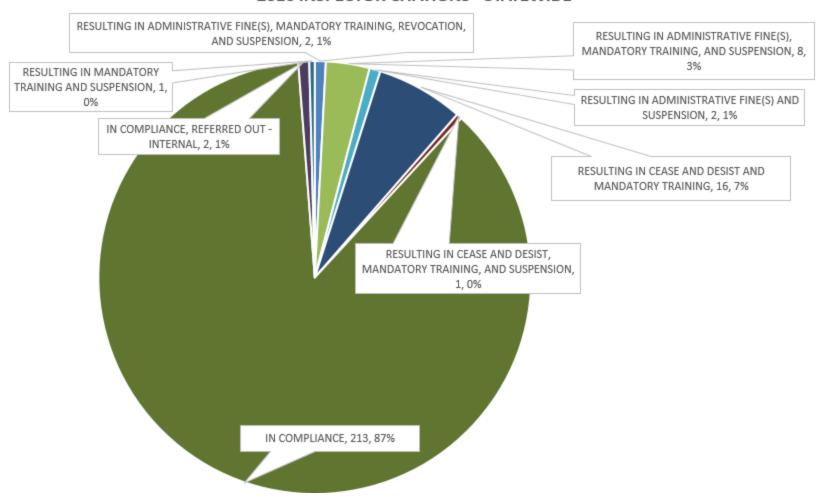
Total Tests Completed	Total Number of Passing Tests Completed	Total Number of Failing Tests Completed	Total Number of Vehicles Registered in Clark and Washoe Counties Subject to the Emission Control Program	Compliance Rate
1,662,713	1,602,890	59,823	1,977,095	81.07%

#### **MISCELLANEOUS PROVISIONS**

NAC 445B.727 specifies all administrative fines and other penalties.

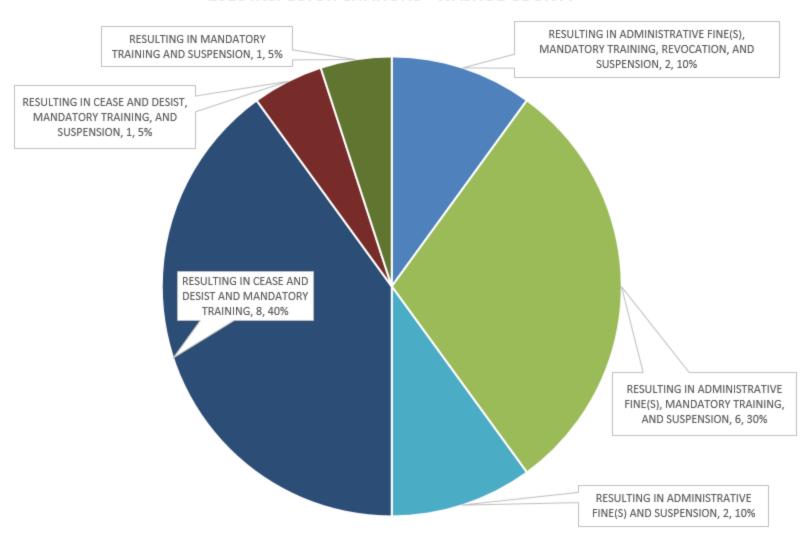
Administrative fines and other penalties occurring for inspectors in 2016:

## 2016 INSPECTOR CITATIONS - STATEWIDE



			2016	INSPECTOR	CITATIONS - S	STATEWIDE IN I	DETAIL			
DISPOSITION	NUMBER OF CASES	FINE AMOUNT	FINE AMOUNT TOTAL	AMOUNT PAID	AMOUNT PAID TOTAL	HEARING REQUEST DATE	HEARING DATE	HEARING DISPOSITION	TOTAL NUMBER OF CASES BY DISPOSITION	PERCENTAGES OF INSPECTOR CITATIONS
RESULTING IN ADMINISTRATIVE FINE(S), MANDATORY TRAINING, REVOCATION, AND	1	\$0.00	\$0.00	\$0.00	\$0.00				2	0.82%
SUSPENSION	1	\$250.00	\$250.00	\$0.00	\$0.00	9/6/2015	10/19/2015	Affirmed		
RESULTING IN ADMINISTRATIVE FINE(S), MANDATORY TRAINING.	4	\$0.00	\$0.00	\$0.00	\$0.00					
AND SUSPENSION	4	\$500.00	\$1,000.00	\$500.00	\$1,000.00				8	3.27%
RESULTING IN ADMINISTRATIVE FINE(S)	1	\$0.00	\$0.00	\$0.00	\$0.00					
AND SUSPENSION	1	\$500.00	\$500.00	\$500.00	\$500.00				2	0.82%
RESULTING IN CEASE AND DESIST AND MANDATORY TRAINING	16	\$0.00	\$0.00	\$0.00	\$0.00				16	6.53%
RESULTING IN CEASE AND DESIST, MANDATORY TRAINING, AND SUSPENSION	1	\$0.00	\$0.00	\$0.00	\$0.00				1	0.41%
IN COMPLIANCE	213	\$0.00	\$0.00	\$0.00	\$0.00				213	86.94%
IN COMPLIANCE, REFERRED OUT - INTERNAL	2	\$0.00	\$0.00	\$0.00	\$0.00	,			2	0.82%
RESULTING IN MANDATORY TRAINING AND SUSPENSION	1	\$0.00	\$0.00	\$0.00	\$0.00				1	0.41%
TOTALS	245	· · · · · · · · · · · · · · · · · · ·	\$1,750.00		\$1,500.00				245	100.00%

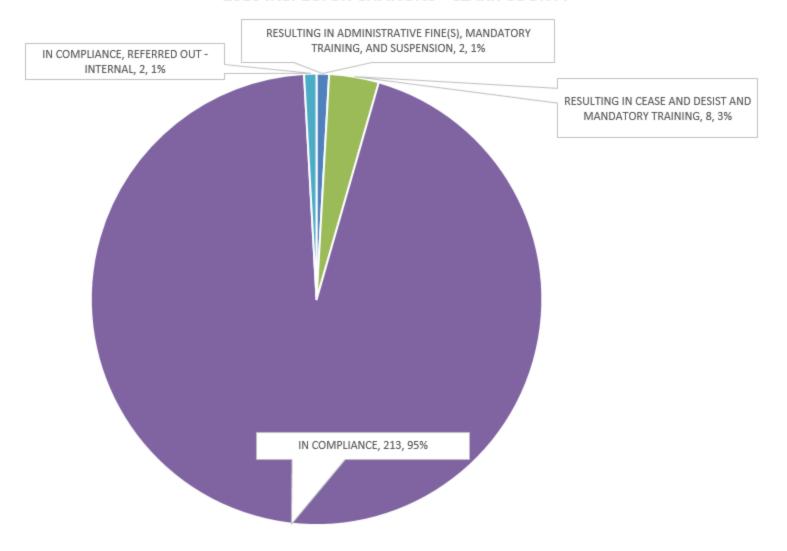
## 2016 INSPECTOR CITATIONS - WASHOE COUNTY



			2016 I	NSPECTOR C	ITATIONS W	ASHOE COUN	TY IN DETAIL			
DISPOSITION	NUMBER OF CASES	FINE AMOUNT	FINE AMOUNT TOTAL	AMOUNT PAID	AMOUNT PAID TOTAL	HEARING REQUEST DATE	HEARING DATE	HEARING DISPOSITION	TOTAL NUMBER OF CASES BY DISPOSITION	PERCENTAGES OF INSPECTOR CITATIONS
RESULTING IN ADMINISTRATIVE FINE(S), MANDATORY TRAINING, REVOCATION, AND	1	\$0.00	\$0.00	\$0.00	\$0.00				2	10.00%
SUSPENSION	1	\$250.00	\$250.00	\$0.00	\$0.00	9/6/2015	10/19/2015	Affirmed		
RESULTING IN ADMINISTRATIVE FINE(S), MANDATORY TRAINING,	3	\$0.00	\$0.00	\$0.00	\$0.00				6	
AND SUSPENSION	3	\$250.00	\$750.00	\$250.00	\$750.00					30.00%
RESULTING IN ADMINISTRATIVE FINE(S)	1	\$0.00	\$0.00	\$0.00	\$0.00					
AND SUSPENSION	1	\$500.00	\$500.00	\$500.00	\$500.00				2	10.00%
RESULTING IN CEASE AND DESIST AND MANDATORY TRAINING	8	\$0.00	\$0.00	\$0.00	\$0.00				8	40.00%
RESULTING IN CEASE AND DESIST, MANDATORY TRAINING, AND SUSPENSION	1	\$0.00	\$0.00	\$0.00	\$0.00				1	5.00%
RESULTING IN MANDATORY TRAINING AND SUSPENSION	1	\$0.00	\$0.00	\$0.00	\$0.00				1	5.00%
TOTALS	20		\$1,500.00		\$1,250.00				20	100.00%

In northern Nevada, cases are only opened on inspectors found to be in violation based upon a covert audit.

## 2016 INSPECTOR CITATIONS - CLARK COUNTY



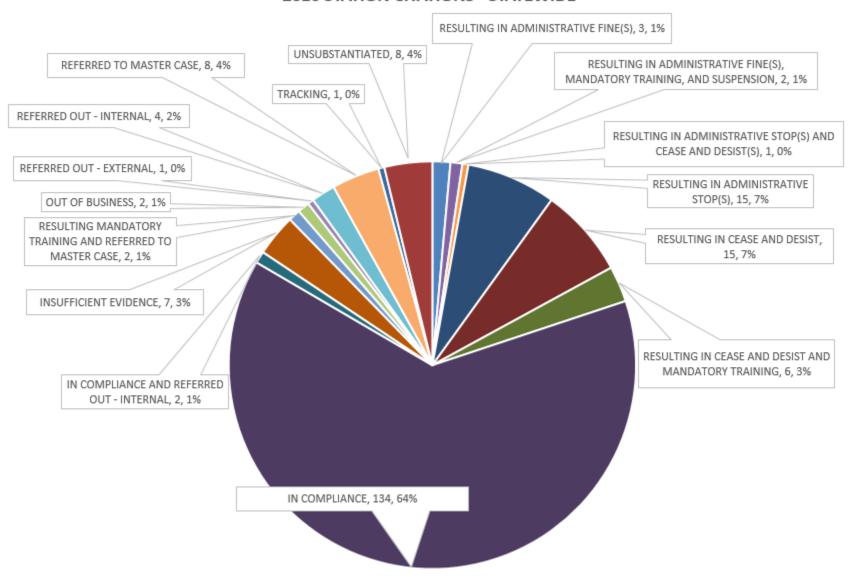
			201	6 INSPECTO	R CITATIONS -	CLARK COUN	ITY IN DETAIL	-		
	NUMBER OF	FINE	FINE AMOUNT	AMOUNT	AMOUNT PAID	HEARING REQUEST	HEARING	HEARING	TOTAL NUMBER OF CASES BY	PERCENTAGES OF INSPECTOR
DISPOSITION	CASES	AMOUNT	TOTAL	PAID	TOTAL	DATE	DATE	DISPOSITION	DISPOSITION	CITATIONS
RESULTING IN ADMINISTRATIVE FINE(S), MANDATORY	1	\$0.00	\$0.00	\$0.00	\$0.00				2	
TRAINING, AND										
SUSPENSION	1	\$250.00	\$250.00	\$250.00	\$250.00					0.89%
RESULTING IN CEASE AND DESIST AND									8	3.56%
MANDATORY TRAINING	8	\$0.00	\$0.00	\$0.00	\$0.00					
IN COMPLIANCE	213	\$0.00	\$0.00	\$0.00	\$0.00				213	94.67%
IN COMPLIANCE, REFERRED OUT - INTERNAL	2	\$0.00	\$0.00	\$0.00	\$0.00				2	0.89%
TOTALS	225	·	\$250.00	,	\$250.00				225	100.00%

In southern Nevada, cases are opened on inspectors when a covert audit is conducted.

Administrative fines and other penalties occurring for Emission Stations in 2016:

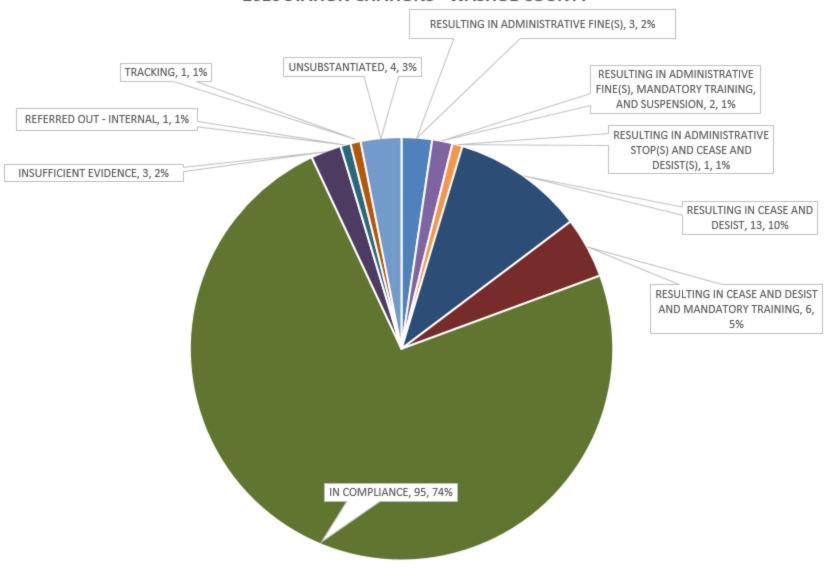
2016 S	TATION CITA	ATIONS - STA	TEWIDE IN D	ETAIL			
DISPOSITION	NUMBER OF CASES	FINE AMOUNT	FINE AMOUNT TOTAL	AMOUNT PAID	AMOUNT PAID TOTAL	TOTAL NUMBER OF CASES BY DISPOSITION	PERCENTAGES OF STATION CITATIONS
RESULTING IN ADMINISTRATIVE FINE(S)	1 1 1	\$1,000.00 \$500.00 \$750.00	\$1,000.00 \$500.00 \$750.00	\$1,000.00 \$500.00 \$750.00	\$1,000.00 \$500.00 \$750.00	3	1.42%
RESULTING IN ADMINISTRATIVE FINE(S), MANDATORY TRAINING, AND SUSPENSION	1 1	\$0.00 \$250.00	\$0.00 \$250.00	\$0.00 \$250.00	\$0.00 \$250.00	2	0.95%
RESULTING IN ADMINISTRATIVE STOP(S) AND CEASE AND DESIST(S)	1	\$0.00	\$0.00	\$0.00	\$0.00	1	0.47%
RESULTING IN ADMINISTRATIVE STOP(S)	15	\$0.00	\$0.00	\$0.00	\$0.00	15	7.11%
RESULTING IN CEASE AND DESIST	15	\$0.00	\$0.00	\$0.00	\$0.00	15	7.11%
RESULTING IN CEASE AND DESIST AND MANDATORY TRAINING	6	\$0.00	\$0.00	\$0.00	\$0.00	6	2.84%
IN COMPLIANCE	134	\$0.00	\$0.00	\$0.00	\$0.00	134	63.51%
IN COMPLIANCE AND REFERRED OUT - INTERNAL	2	\$0.00	\$0.00	\$0.00	\$0.00	2	0.95%
INSUFFICIENT EVIDENCE	7	\$0.00	\$0.00	\$0.00	\$0.00	7	3.32%
RESULTING MANDATORY TRAINING AND REFERRED TO MASTER CASE	1 1	\$0.00 \$250.00	\$0.00 \$250.00	\$0.00 \$0.00	\$0.00 \$0.00	2	0.95%
OUT OF BUSINESS	2	\$0.00	\$0.00	\$0.00	\$0.00	2	0.95%
REFERRED OUT - EXTERNAL	1	\$0.00	\$0.00	\$0.00	\$0.00	1	0.47%
REFERRED OUT - INTERNAL	4	\$0.00	\$0.00	\$0.00	\$0.00	4	1.90%
REFERRED TO MASTER CASE	8	\$0.00	\$0.00	\$0.00	\$0.00	8	3.79%
TRACKING	1	\$0.00	\$0.00	\$0.00	\$0.00	1	0.47%
UNSUBSTANTIATED	8	\$0.00	\$0.00	\$0.00	\$0.00	8	3.79%
TOTALS	211	•	\$2,750.00		\$2,500.00	211	100.00%

## 2016 STATION CITATIONS - STATEWIDE



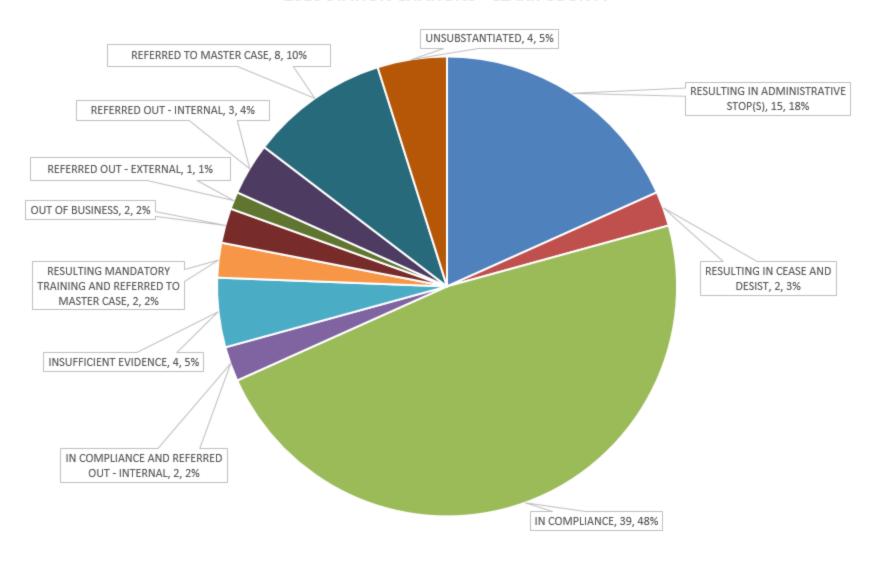
		2016 STATIO	N CITATIONS - WASHOE	COUNTY IN DETA	VIL.		
DISPOSITION	NUMBER OF CASES	FINE AMOUNT	FINE AMOUNT TOTAL	AMOUNT PAID	AMOUNT PAID TOTAL	TOTAL NUMBER OF CASES BY DISPOSITION	PERCENTAGES OF STATION CITATIONS
RESULTING IN ADMINISTRATIVE	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00		
FINE(S)	1	\$500.00	\$500.00	\$500.00	\$500.00	3	2.33%
T INE(3)	1	\$750.00	\$750.00	\$750.00	\$750.00		
RESULTING IN ADMINISTRATIVE FINE(S), MANDATORY TRAINING,	1	\$0.00	\$0.00	\$0.00	\$0.00	2	1.55%
AND SUSPENSION	1	\$250.00	\$250.00	\$250.00	\$250.00		
RESULTING IN ADMINISTRATIVE STOP(S) AND CEASE AND							
DESIST(S)	1	\$0.00	\$0.00	\$0.00	\$0.00	1	0.78%
RESULTING IN CEASE AND DESIST	13	\$0.00	\$0.00	\$0.00	\$0.00	13	10.08%
RESULTING IN CEASE AND DESIST AND MANDATORY TRAINING	6	\$0.00	\$0.00	\$0.00	\$0.00	6	4.65%
IN COMPLIANCE	95	\$0.00	\$0.00	\$0.00	\$0.00	95	73.64%
INSUFFICIENT EVIDENCE	3	\$0.00	\$0.00	\$0.00	\$0.00	3	2.33%
REFERRED OUT - INTERNAL	1	\$0.00	\$0.00	\$0.00	\$0.00	1	0.78%
TRACKING	1	\$0.00	\$0.00	\$0.00	\$0.00	1	0.78%
UNSUBSTANTIATED	4	\$0.00	\$0.00	\$0.00	\$0.00	4	3.10%
TOTALS	129	·	\$2,500.00	•	\$2,500.00	129	100.00%

## 2016 STATION CITATIONS - WASHOE COUNTY



2010	STATION C	ITATIONS - C	LARK COUNT	Y IN DETAIL			
DISPOSITION	NUMBER OF CASES	FINE AMOUNT	FINE AMOUNT TOTAL	AMOUNT PAID	AMOUNT PAID TOTAL	TOTAL NUMBER OF CASES BY DISPOSITION	PERCENTAGES OF STATION CITATIONS
RESULTING IN ADMINISTRATIVE STOP(S)	15	\$0.00	\$0.00	\$0.00	\$0.00	15	18.29%
RESULTING IN CEASE AND DESIST	2	\$0.00	\$0.00	\$0.00	\$0.00	2	2.44%
IN COMPLIANCE	39	\$0.00	\$0.00	\$0.00	\$0.00	39	47.56%
IN COMPLIANCE AND REFERRED OUT - INTERNAL	2	\$0.00	\$0.00	\$0.00	\$0.00	2	2.44%
INSUFFICIENT EVIDENCE	4	\$0.00	\$0.00	\$0.00	\$0.00	4	4.88%
RESULTING MANDATORY TRAINING AND REFERRED TO MASTER CASE	1 1	\$0.00 \$250.00	\$0.00 \$250.00	\$0.00 \$0.00	\$0.00 \$0.00	2	2.44%
OUT OF BUSINESS	2	\$0.00	\$0.00	\$0.00	\$0.00	2	2.44%
REFERRED OUT - EXTERNAL	1	\$0.00	\$0.00	\$0.00	\$0.00	1	1.22%
REFERRED OUT - INTERNAL	3	\$0.00	\$0.00	\$0.00	\$0.00	3	3.66%
REFERRED TO MASTER CASE	8	\$0.00	\$0.00	\$0.00	\$0.00	8	9.76%
UNSUBSTANTIATED	4	\$0.00	\$0.00	\$0.00	\$0.00	4	4.88%
TOTALS	82	•	\$250.00	\$0.00	\$0.00	82	100.00%

## 2016 STATION CITATIONS - CLARK COUNTY



#### .05% ROAD SIDE TESTING WITH A REMOTE SENSOR DEVICE STUDY

Remote Sensor Testing allows for a vehicle to obtain an emission test while simply driving from one destination to another. Remote Sensor Testing uses laser technology to test the emissions that are being emitted from a vehicle. It then records the vehicles license plate number, the vehicle emission levels and submits them electronically to the Department in a statistical report format. The Department of Motor Vehicles conducts an annual .05% Remote Sensor Testing Study that lasts for five days and captures .05% of the vehicles located in Clark County.

In 2016, the .05% study was conducted from November 14, 2016 to November 18, 2016. There were a total of 39,077 vehicles tested during this time frame. Of these vehicles, 16,400 received valid testing results and 22,677 received invalid testing results. Of the 16,400 valid test results, 14,938 were performed on vehicles registered in the state of Nevada and 1,462 were performed on vehicles registered in a different jurisdiction.

	Remote Sensing										
Remote Sensing was performed in the Las Vegas area November 14, 2016 through November 18, 2016 at the following locations:											
Test Date Site Number Site Location											
November 14, 2016	1000	On ramp to NB I-93/95 from E. Charleston Road									
November 15, 2016	1002	On ramp to East Windmill Lane									
November 16, 2016	1000	On ramp to NB I-93/95 from E. Charleston Road									
November 17, 2016	1001	On ramp to NB I-15 from Las Vegas Blvd									
November 18, 2016	1005	Off ramp to Las Vegas Blvd from I-15									

A total of **39,077** exhaust readings were captured during this cycle of Remote Sensing. A total of **16,400** (**41.96**%) readings are validated. Of the **16,400** accurate readings, **14,938** (**91.08**%) readings are validated with Nevada license plate numbers.

	RSD Reading Results (Nevada Plated Vehicles)												
Test Date	Total RSD Tests Performed	Carbon Monoxide Readings Validated with License Plate Number	Average Carbon Monoxide Percentage (%) with Valid License Plate Number	0 - 1.20% Carbon Monoxide with Valid License Plate Number	1.21% or Greater Carbon Monoxide Percentage with Valid License Plate Number	Vehicles Exceeding 1.20% Cut-Point Percentage (%)							
11/14/2016	8157	2985	25.64%	2876	109	3.65%							
11/15/2016	10034	5021	17.39%	4922	99	1.97%							
11/16/2016	9418	4178	27.23%	4009	169	4.04%							
11/17/2016	5846	1810	18.02%	1771	39	2.15%							
11/18/2016	5622	944	11.90%	935	9	0.95%							
Totals/Averages:	39,077	14,938	20.04%	14,513	425	2.56%							

Test Date	Total RSD Tests Performed	Hydrocarbon Readings Validated with License Plate Number	adings ated with nse Plate  Hydrocarbon Parts Per Million (PPM), with Valid License Plate License Plate		221 PPM or Greater Hydrocarbons with Valid License Plate Number	Vehicles Exceeding 220 PPM Cut-Point Percentage (%)
11/14/2016	8157	2985	23.90	2912	73	2.45%
11/15/2016	10034	5021	13.75	4975	46	0.92%
11/16/2016	9418	4178	47.09	3964	214	5.12%
11/17/2016	5846	1810	27.51	1774	36	1.99%
11/18/2016	5622	944	5.25	938	6	0.64%
Totals/Averages:	39,077	14,938	23.50	14,563	375	2.22%

#### Fleet Data - Validated License Plates

Test Date	AK	AL	AR	AZ	CA	СО	FL	GA	IA	ID	IL	IN	KS	MA	ME	МІ	MN	MT
11/14/2016	0	0	2	18	116	4	3	0	0	0	2	0	1	0	0	0	0	0
11/15/2016	2	0	1	34	198	3	13	0	0	3	0	0	2	0	0	0	5	1
11/16/2016	1	0	0	31	148	3	3	0	0	6	0	1	1	0	2	2	1	0
11/17/2016	1	1	0	64	367	6	14	1	0	3	10	1	1	1	0	1	0	1
11/18/2016	0	0	0	12	70	0	4	0	1	2	6	1	1	0	0	0	2	0
Totals	4	1	3	159	899	16	37	1	1	14	18	3	6	1	2	3	8	2

Averages 0.27% 0.07% 0.21% 10.88% 61.49% 1.09% 2.53% 0.07% 0.07% 0.96% 1.23% 0.21% 0.41% 0.07% 0.14% 0.21% 0.55% 0.14%

Test Date	NC	NJ	NM	NY	ОН	ок	OR	PA	SD	TN	TX	UT	VA	VT	WA	WI	WY	Total Tests
11/14/2016	0	0	3	0	0	0	3	0	1	1	7	8	0	1	2	0	3	175
11/15/2016	0	4	3	2	0	0	5	4	2	1	17	26	3	0	15	2	4	350
11/16/2016	0	0	2	1	0	1	0	0	1	1	15	11	3	1	4	1	1	241
11/17/2016	0	3	3	0	1	0	14	0	0	2	25	23	2	0	15	0	7	567
11/18/2016	1	0	1	2	2	0	2	0	0	0	4	7	1	0	5	1	4	129
Totals	1	7	12	5	3	1	24	4	4	5	68	75	9	2	41	4	19	1462

4.65% 5.13% 0.62% 0.14% 2.80% 0.27% 1.30%

0.07% 1.64% 0.27% 0.27% 0.34%

19.90 % of the out of state vehicles that traveled through the remote sensors, were registered in non-border states to Nevada.

0.21%

Averages

## LIGHT DUTY VEHICLE EMISSION TEST STATISTICS

2016 STATEWIDE - LIGHT DUTY GASOLINE POWERED VEHICLES												
Year	Total Initial Inspections	Passing Initial Inspection	Failing Initial Inspection	Percent Failing Initial Inspections	Total Re- Inspection	Passing Initial Re- Inspection	Failing Initial Re- Inspection	Percent Failing Initial Re-Inspection				
1968	224	150	74	33.04%	54	42	12	22.22%				
1969	271	190	81	29.89%	69	49	20	28.99%				
1970	234	162	72	30.77%	57	42	15	26.32%				
1971	222	152	70	31.53%	61	45	16	26.23%				
1972	317	214	103	32.49%	91	68	23	25.27%				
1973	256	179	77	30.08%	70	49	21	30.00%				
1974	220	159	61	27.73%	54	38	16	29.63%				
1975	158	105	53	33.54%	50	38	12	24.00%				
1976¹	266	192	74	27.82%	71	52	19	26.76%				
1977	378	259	119	31.48%	116	79	37	31.90%				
1978	478	355	123	25.73%	123	91	32	26.02%				
1979	479	349	130	27.14%	107	77	30	28.04%				
1980	283	215	68	24.03%	65	49	16	24.62%				
1981	261	201	60	22.99%	53	36	17	32.08%				
1982	331	263	68	20.54%	45	34	11	24.44%				
1983	408	313	95	23.28%	59	46	13	22.03%				
1984	780	633	147	18.85%	125	96	29	23.20%				
1985	1078	871	207	19.20%	194	145	49	25.26%				
1986	1655	1349	306	18.49%	259	192	67	25.87%				
1987 <sup>2</sup>	2140	1777	363	16.96%	319	229	90	28.21%				
1988	2929	2526	403	13.76%	356	263	93	26.12%				
1989	4192	3664	528	12.60%	500	370	130	26.00%				
1990	5641	5015	626	11.10%	565	414	151	26.73%				
1991	7323	6522	801	10.94%	718	527	191	26.60%				
1992	8545	7663	882	10.32%	811	603	208	25.65%				
1993	11060	9989	1071	9.68%	991	727	264	26.64%				
1994	15581	14261	1320	8.47%	1196	896	300	25.08%				
1995	20179	18629	1550	7.68%	1371	1032	339	24.73%				
1996	21412	19941	1471	6.87%	1179	1053	126	10.69%				
1997	31111	29012	2099	6.75%	1816	1574	242	13.33%				
1998	36562	34295	2267	6.20%	1937	1667	270	13.94%				
1999	45664	42996	2668	5.84%	2272	1987	285	12.54%				
2000	56901	53500	3401	5.98%	2909	2541	368	12.65%				
2001	62152	58252	3900	6.27%	3156	2760	396	12.55%				
2002	71622	67707	3915	5.47%	3252	2875	377	11.59%				
2003	80114	76502	3612	4.51%	3108	2776	332	10.68%				
2004	88696	85363	3333	3.76%	2878	2617	261	9.07%				
2005	97783	94560	3223	3.30%	2849	2546	303	10.64%				
2006	99633	96666	2967	2.98%	2605	2367	238	9.14%				
2007	99163	96656	2507	2.53%	2175	2014	161	7.40%				
2008	86537	84877	1660	1.92%	1471	1361	110	7.48%				
2009	53186	52438	748	1.41%	630	594	36	5.71%				
2010	66630	65972	658	0.99%	592	547	45	7.60%				
2010	72600	71924	676	0.93%	592	563	29	4.90%				
2012	90224	89554	670	0.74%	579	554	25	4.32%				
2013	113978	113430	548	0.48%	494	474	20	4.05%				
2013	117092	116698	394	0.46 %	374	361	13	3.48%				
2015	44845	44779	66	0.15%	57	56	1	1.75%				
2016	6818	6809	9	0.13%	9	9	0	0.00%				
2017	81	81		0.13%				0.00%				
Grand Totals	1,528,693	1,478,369	50,324	3.29%	43,484	0 37,625	0 5,859	13.47%				
Totals for Model Year 1968 - 1995	85,889	76,357	9,532	11.10%	8,550	6,329	2,221	25.98%				
Totals for Model Year 1996 - Newest	1,442,804	1,402,012	40,792	2.83%	34,934	31,296	3,638	10.41%				

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<sup>&</sup>lt;sup>1</sup> A light duty gasoline powered vehicle with a model year of 1976 received an initial re-inspection and is counted in both Clark and Washoe County statistics. However, the vehicle is only counted once in the statewide statistics.

<sup>&</sup>lt;sup>2</sup> Two light duty gasoline powered vehicles with a model year of 1987 received an initial re-inspection and is counted in both Clark and Washoe County statistics. However, the vehicle is only counted once in the statewide statistics.

2016 STATEWIDE - LIGHT DUTY GASOLINE POWERED VEHICLES									
Year	Total Subsequent- Inspections	Passing Subsequent- Inspections	Failing Subsequent- Inspections	Percent Failing Subsequent- Inspections	No Known Formal Outcome	Rejected	Percent Rejected		
1968	3	0	3	100.00%	38	1	0.45%		
1969	7	0	7	100.00%	30	0	0.00%		
1970	10	0	10	100.00%	29	1	0.43%		
1971	2	0	2	100.00%	32	0	0.00%		
1972	7	0	7	100.00%	45	1	0.32%		
1973	8	1	7	87.50%	22	1	0.39%		
1974	4	0	4	100.00%	31	1	0.45%		
1975	8	0	8	100.00%	23	3	1.90%		
1976	12	0	12	100.00%	39	0	0.00%		
1977	25	0	25	100.00%	45	4	1.06%		
1978	13	0	13	100.00%	78	5	1.05%		
1979	8	0	8	100.00%	70	2	0.42%		
1980	9	0	9	100.00%	27	1	0.35%		
1981	7	0	7	100.00%	26	1	0.38%		
1982	4	0	4	100.00%	41	3	0.91%		
1983	0	0	0	0.00%	41	0	0.00%		
1984	9	0	9	100.00%	87	8	1.03%		
1985	27	2	25	92.59%	115	5	0.46%		
1986	31	0	31	100.00%	166	17	1.03%		
1987	47	3	44	93.62%	210	14	0.65%		
1988	38	1	37	97.37%	221	27	0.92%		
1989	55	3	52	94.55%	368	40	0.95%		
1990	76	6	70	92.11%	457	45	0.80%		
1991	91	2	89	97.80%	598	55	0.75%		
1992	127	2	125	98.43%	768	52	0.61%		
1993	123	6	117	95.12%	959	81	0.73%		
1994	110	5	105	95.45%	1186	137	0.88%		
1995	181	12	169	93.37%	1755	140	0.69%		
1996	36	6	30	83.33%	636	1743	8.14%		
1997	72	6	66	91.67%	881	2875	9.24%		
1998	86	8	78	90.70%	954	3668	10.03%		
1999	82	12	70	85.37%	1112	4124	9.03%		
2000	113	13	100	88.50%	1395	5028	8.84%		
2001	116	11	105	90.52%	1790	10606	17.06%		
2001	128	15	113	88.28%	1696	9260	12.93%		
2002		13				8227			
2003	76 91	3	75 88	98.68% 96.70%	1780 1919	7424	10.27% 8.37%		
2004	84		81	96.43%	1980	7080	7.24%		
2005	61	3 4	57	93.44%	1835	5663	5.68%		
2007	41		36	87.80%	1586	4190	4.23%		
2007	42	5 2	40	95.24%	1254	2991	3.46%		
2008									
	16 10	1	15	93.75%	703	1527	2.87%		
2010 2011	6	0	10	100.00% 83.33%	794 775	1520 1557	2.28% 2.14%		
		1	5 4			1557			
2012	4	0		100.00%	968	1952	2.16%		
2013	7	1	6	85.71%	1227	2551	2.24%		
2014	1	1	0	0.00%	1287	2162	1.85%		
2015	0	0	0	0.00%	1364	1061	2.37%		
2016	0	0	0	0.00%	277	191	2.80%		
2017	0	0	0	0.00%	8	3	3.70%		
Grand Totals	2,114	136	1,978	93.57%	33,728	86,048	5.63%		
Totals for Model Year 1968 - 1995	1,042	43	999	95.87%	7,507	645	0.75%		
Totals for Model Year 1996 - Newest	1,072	93	979	91.32%	26,221	85,403	5.92%		

2016 STATEWIDE - LIGHT DUTY GASOLINE POWERED VEHICLES										
Year	Multiples Pass	OBD Passing Initial Re-Inspection	TSI Passing Initial Re-Inspection	OBD Failing Initial Re-Inspection	TSI Failing Initial Re-Inspection					
1968	2	0	42	0	12					
1969	2	0	49	0	20					
1970	1	0	42	0	15					
1971	3	0	45	0	16					
1972	0	0	68	0	23					
1973	2	0	49	0	21					
1974	3	0	38	0	16					
1975	0	0	38	0	12					
1976	2	0	52	0	19					
1977	5	0	79	0	37					
1978	6	0	91	0	32					
1979	10	0	77	0	30					
1980	2	0	49	0	16					
1981	2	0	36	0	17					
1982	7	0	34	0	11					
1983	11	0	46	0	13					
1984	11	0	96	0	29					
1985	17	0	145	0	49					
1986	42	0	192	0	67					
1987	54	0	229	0	90					
1988	92	0	263	0	93					
1989	117	0	370	0	130					
1990	196	0	414	0	151					
1991	266	0	527	0	191					
1992	304	0	603	0	208					
1993	459	0	727	0	264					
1994	650	0	896	0	300					
1995	879	0	1032	0	339					
1996	1009	1053	0	126	0					
1997	1508	1574	0	242	0					
1998	1698	1667	0	270	0					
1999	2249	1986	1	285	0					
2000	2798	2541	0	368	0					
2001	3069	2759	1	396	0					
2002	3511	2875	0	377	0					
2003	4227	2776	0	332	0					
2004	4581	2617	0	261	0					
2005	5272	2546	0	303	0					
2006	5500	2367	0	238	0					
2007	5500	2014	0	161	0					
2008	4835	1361	0	110	0					
2009	2990	594	0	36	0					
2010	3832	547	0	45	0					
2011	4189	563	0	29	0					
2012	5407	554	0	25	0					
2013	7595	474	0	20	0					
2014	7958	361	0	12	1					
2015	2622	56	0	1	0					
2016	373	9	0	0	0					
2017	0	0	0	0	0					
Grand Totals	83,868	31,294	6,331	3,637	2,222					
Totals for Model Year 1968 - 1995	3,145	0	6,329	0	2,221					
Totals for Model Year 1996 - Newest	80,723	31,294	2	3,637	1					

	2016 STATEWIDE - L	IGHT DUTY GASOLINE POWER	ED VEHICLES		
Year	OBD Passing Initial Subsequent-Inspection	TSI Failing Initial Subsequent-Inspection	MIL On and No Codes	MIL On and Codes	MIL Off and Codes
1968	0	3	0	0	0
1969	0	7	0	0	0
1970	0	10	0	0	0
1971	0	2	0	0	0
1972	0	7	0	0	0
1973	0	7	0	0	0
1974	0	4	0	0	0
1975	0	8	0	0	0
1976	0	12	0	0	0
1977	0	25	0	0	0
1978	0	13	0	0	0
1979	0	8	0	0	0
1980	0	9	0	0	0
1981	0	7	0	0	0
1982	0	4	0	0	0
1983	0	0	0	0	0
1984	0	9	0	0	0
1985	0	25	0	0	0
1986	0	31	0	0	0
1987	0	44	0	0	0
1988	0	37	0	0	0
1989	0	52	0	0	0
1990	0	70	0	0	0
1991	0	89	0	0	0
1992	0	125	0	0	0
1993	0	117	0	0	0
1994	0	105	0	0	0
1995	0	169	0	0	0
1996	6	0	7	1512	2756
1997	6	0	3	2216	3857
1998	8	0	4	2453	4844
1999	12	0	13	2869	5296
2000	13	0	10	3704	7086
2001	11	0	6	4253	7185
2002	15	0	13	4310	8786
2003	1	0	31	3937	8901
2004	3	0	14	3577	9558
2005	3	0	16	3486	8844
2006	4	0	21	3192	9038
2007	5	0	15	2634	6553
2008	2	0	3	1747	4700
2009 2010	0	0	8	774 681	2134 2049
2011	1 0	0	4	690	1828
2012 2013	1	0	4 5	664 525	2141 2136
2014	1	0	0	373	1495
2015	0	0	0	59	550
2016	0	0	0	4	65
2017	0	0	0	0	2
Grand Totals Totals for Model Vear 1968 - 1995	93	999	180	43,660	99,804
Year 1968 - 1995 Totals for Model	0	999	0	42.000	0 00 4
Year 1996 - Newest	93	0	180	43,660	99,804

	201	6 WASHOE C	OUNTY - LIGH	T DUTY GASOL	INE POWERE	D VEHICLES		
Year	Total Initial Inspections	Passing Initial Inspection	Failing Initial Inspection	Percent Failing Initial Inspections	Total Re- Inspection	Passing Initial Re- Inspection	Failing Initial Re- Inspection	Percent Failing Initial Re-Inspection
1968	107	78	29	27.10%	19	15	4	21.05%
1969	115	91	24	20.87%	17	15	2	11.76%
1970	114	80	34	29.82%	31	23	8	25.81%
1971	94	68	26	27.66%	19	16	3	15.79%
1972	145	108	37	25.52%	35	25	10	28.57%
1973	136	101	35	25.74%	31	24	7	22.58%
1974	98	73	25	25.51%	17	14	3	17.65%
1975	78	50	28	35.90%	24	20	4	16.67%
1976	117	80	37	31.62%	34	25	9	26.47%
1977	169	115	54	31.95%	57	42	15	26.32%
1978	209	151	58	27.75%	65	47	18	27.69%
1979	199	150	49	24.62%	41	30	11	26.83%
1980	113	88	25	22.12%	22	17	5	22.73%
1981	112	93	19	16.96%	15	11	4	26.67%
1982	131	106	25	19.08%	21	15	6	28.57%
1983	171	132	39	22.81%	29	24	5	17.24%
1984	318	261	57	17.92%	51	38	13	25.49%
1985	420	354	66	15.71%	60	43	17	28.33%
1986	691	557	134	19.39%	109	83	26	23.85%
1987	858	724	134	15.62%	113	86	27	23.89%
1988	1130	980	150	13.27%	136	99	37	27.21%
1989	1649	1457	192	11.64%	184	135	49	26.63%
1990	1977	1781	196	9.91%	185	136	49	26.49%
1991	2454	2208	246	10.02%	220	161	59	26.82%
1992	2782	2520	262	9.42%	217	161	56	25.81%
1993	3485	3213	272	7.80%	235	173	62	26.38%
1994	4584	4239	345	7.53%	292	225	67	22.95%
1995	5745	5371	374	6.51%	300	226	74	24.67%
1996	5559	5191	368	6.62%	276	251	25	9.06%
1997	7927	7437	490	6.18%	414	362	52	12.56%
1998	9070	8590	480	5.29%	382	334	48	12.57%
1999	10965	10412	553	5.04%	457	405	52	11.38%
2000	12793	12121	672	5.25%	541	500	41	7.58%
2001	14310	13420	890	6.22%	617	557	60	9.72%
2002	15483	14762	721	4.66%	558	520	38	6.81%
2003	16164	15522	642	3.97%	522	476	46	8.81%
2004	17527	16994	533	3.04%	430	399	31	7.21%
2005	18643	18149	494	2.65%	418	385	33	7.89%
2006	18213	17779	434	2.38%	368	342	26	7.07%
2007	17268	16930	338	1.96%	270	256	14	5.19%
2008	14906	14701	205	1.38%	167	161	6	3.59%
2009	8844	8761	83	0.94%	59	57	2	3.39%
2010	11275	11198	77	0.68%	66	61	5	7.58%
2011	12537	12454	83	0.66%	73	68	5	6.85%
2012	14865	14801	64	0.43%	59	59	0	0.00%
2013	19429	19358	71	0.37%	67	64	3	4.48%
2014	19351	19296	55	0.28%	55	51	4	7.27%
2015	9846	9834	12	0.12%	10	10	0	0.00%
2016	2045	2044	1	0.05%	1	1	0	0.00%
2017	13	13	0	0.00%	0	0	0	0.00%
Grand Totals	305,234	294,996	10,238	3.35%	8,389	7,248	1,141	13.60%
Totals for Model Year 1968 - 1995	28,201	25,229	2,972	10.54%	2,579	1,929	650	25.20%
Totals for Model Year 1996 - Newest	277,033	269,767	7,266	2.62%	5,810	5,319	491	8.45%

	2016 WASI	HOE COUNTY - I	LIGHT DUTY GAS	OLINE POWERED VI	EHICLES		
Year	Total Subsequent- Inspections	Passing Subsequent- Inspections	Failing Subsequent- Inspections	Percent Failing Subsequent- Inspections	No Known Formal Outcome	Rejected	Percent Rejected
1968	0	0	0	0.00%	14	0	0.00%
1969	0	0	0	0.00%	6	0	0.00%
1970	3	0	3	100.00%	14	0	0.00%
1971	0	0	0	0.00%	9	0	0.00%
1972	5	0	5	100.00%	17	1	0.69%
1973	3	0	3	100.00%	8	1	0.74%
1974	0	0	0	0.00%	4	0	0.00%
1975	1	0	1	100.00%	6	1	1.28%
1976	3	0	3	100.00%	14	0	0.00%
1977	5	0	5	100.00%	16	1	0.59%
1978	6	0	6	100.00%	36	3	1.44%
1979	2	0	2	100.00%	22	1	0.50%
1980	2	0	2	100.00%	7	0	0.00%
1981	2	0	2	100.00%	3	0	0.00%
1982	0	0	0	0.00%	16	1	0.76%
1983	0	0	0	0.00%	8	0	0.00%
1984	6	0	6	100.00%	27	5	1.57%
1985	9	1	8	88.89%	37	2	0.48%
1986	11	0	11	100.00%	52	7	1.01%
1987	12	0	12	100.00%	65	6	0.70%
1988	13	1	12	92.31%	86	10	0.88%
1989	24	0	24	100.00%	125	18	1.09%
1990	19	1	18	94.74%	92	16	0.81%
1991	21	1	20	95.24%	143	22	0.90%
1992	25	0	25	100.00%	191	14	0.50%
1993	13	2	11	84.62%	178	30	0.86%
1994	30	3	27	90.00%	236	40	0.87%
1995	35	4	31	88.57%	299	55	0.96%
1996	4	2	2	50.00%	124	384	6.91%
1997	11	0	11	100.00%	158	570	7.19%
1998	4	1	3	75.00%	187	792	8.73%
1999	6	2	4	66.67%	208	841	7.67%
2000	8	1	7	87.50%	244	931	7.28%
2001	12	2	10	83.33%	307	2005	14.01%
2002	6	2	4	66.67%	246	1517	9.80%
2003	4	0	4	100.00%	234	1284	7.94%
2004	6	0	6	100.00%	269	1161	6.62%
2005	1	1	0	0.00%	258	1115	5.98%
2006	1	0	1	100.00%	253	805	4.42%
2007	3	0	3	100.00%	192	641	3.71%
2008	0	0	0	0.00%	147	451	3.03%
2009	2	0	2	100.00%	91	234	2.65%
2010	0	0	0	0.00%	116	243	2.16%
2011	0	0	0	0.00%	128	270	2.15%
2012	0	0	0	0.00%	160	309	2.08%
2013	2	0	2	100.00%	204	422	2.17%
2014	0	0	0	0.00%	218	377	1.95%
2015	0	0	0	0.00%	266	329	3.34%
2016	0	0	0	0.00%	53	50	2.44%
2017	0	0	0	0.00%	3	0	0.00%
Grand Totals	320	24	296	92.50%	5,797	14,965	4.90%
Totals for Model Year 1968 - 1995	250	13	237	94.80%	1,731	234	0.83%
Totals for Model Year 1996 - Newest	70	11	59	84.29%	4,066	14,731	5.32%

2016 WASHOE COUNTY - LIGHT DUTY GASOLINE POWERED VEHICLES									
Year	Multiples Pass	OBD Passing Initial Re-Inspection	TSI Passing Initial Re-Inspection	OBD Failing Initial Re-Inspection	TSI Failing Initial Re-Inspection				
1968	0	0	15	0	4				
1969	1	0	15	0	2				
1970	1	0	23	0	8				
1971	0	0	16	0	3				
1972	0	0	25	0	10				
1973	1	0	24	0	7				
1974	2	0	14	0	3				
1975	0	0	20	0	4				
1976	1	0	25	0	9				
1977 1978	2	0	42 47	0	15 18				
		0		0					
1979 1980	4	0	30 17	0	11 5				
1981	0	0	11	0	4				
1981	3	0	15	0	6				
1982	4	0	24	0	5				
1984	6	0	38	0	13				
1985	12	0	43	0	17				
1986	21	0	83	0	26				
1987	18	0	86	0	27				
1988	30	0	99	0	37				
1989	38	0	135	0	49				
1990	68	0	136	0	49				
1991	86	0	161	0	59				
1992	99	0	161	0	56				
1993	148	0	173	0	62				
1994	155	0	225	0	67				
1995	222	0	226	0	74				
1996	232	251	0	25	0				
1997	345	362	0	52	0				
1998	383	334	0	48	0				
1999	497	404	1	52	0				
2000	573	500	0	41	0				
2001	648	557	0	60	0				
2002	693	520	0	38	0				
2003	764	476	0	46	0				
2004	775	399	0	31	0				
2005	865	385	0	33	0				
2006	926	342	0	26	0				
2007	877	256	0	14	0				
2008	796	161	0	6	0				
2009	453	57	0	5	0				
2010	612	61	0		0				
2011 2012	690 925	68 59	0	5	0				
2012	1440	64	0	3	0				
2013	1440	51	0	4	0				
2014	1067	10	0	0	0				
2016	255	10	0	0	0				
2017	0	0	0	0	0				
Grand Totals	16,241	5,318	1,930	491	650				
Totals for Model Year 1968 - 1995	927	0	1,929	0	650				
Totals for Model Year 1996 - Newest	15,314	5,318	1	491	0				

	2016 WASHOE COUNT	Y - LIGHT DUTY GASOLINE POWER	RED VEHICLES		
Year	OBD Passing Initial Subsequent-Inspection	TSI Failing Initial Subsequent- Inspection	MIL On and No Codes	MIL On and Codes	MIL Off and Codes
1968	0	0	0	0	0
1969	0	0	0	0	0
1970	0	3	0	0	0
1971	0	0	0	0	0
1972	0	5	0	0	0
1973	0	3	0	0	0
1974	0	0	0	0	0
1975 1976	0	1 3	0	0	0
1977	0	5	0	0	0
1978	0	6	0	0	0
1979	0	2	0	0	0
1980	0	2	0	0	0
1981	0	2	0	0	0
1982	0	0	0	0	0
1983	0	0	0	0	0
1984	0	6	0	0	0
1985	0	8	0	0	0
1986	0	11	0	0	0
1987	0	12	0	0	0
1988	0	12	0	0	0
1989	0	24	0	0	0
1990	0	18	0	0	0
1991	0	20	0	0	0
1992	0	25	0	0	0
1993	0	11	0	0	0
1994	0	27	0	0	0
1995	0 2	31	0	0	0
1996 1997	0	0	1 1	378 526	683 938
1997	1	0	1	518	1103
1999	2	0	3	615	1137
2000	1	0	3	697	1529
2001	2	0	2	914	1616
2002	2	0	5	792	1806
2003	0	0	2	711	1764
2004	0	0	5	569	1821
2005	1	0	2	525	1545
2006	0	0	5	477	1525
2007	0	0	2	346	979
2008	0	0	0	212	665
2009	0	0	4	73	347
2010	0	0	0	82	305
2011	0	0	0	94	277
2012	0	0	1	63	287
2013	0	0	4	69	374
2014	0	0	0	56	295
2015	0	0	0	10	156
2016	0	0	0	0	22
2017	0	0	0	0	1 12.175
Grand Totals	11	237	41	7,727	19,175
Totals for Model Year 1968 - 1995	0	237	0	0	0
Totals for Model Year 1996 - Newest	11	0	41	7,727	19,175

	2010	6 CLARK COU	NTY - LIGHT D	UTY GASOLINE	POWERED V	EHICLES		
Year	Total Initial Inspections	Passing Initial Inspection	Failing Initial Inspection	Percent Failing Initial Inspections	Total Re- Inspection	Passing Initial Re- Inspection	Failing Initial Re- Inspection	Percent Failing Initial Re- Inspection
1968	117	72	45	38.46%	35	27	8	22.86%
1969	156	99	57	36.54%	52	34	18	34.62%
1970	120	82	38	31.67%	26	19	7	26.92%
1971	128	84	44	34.38%	42	29	13	30.95%
1972	172	106	66	38.37%	56	43	13	23.21%
1973	120	78	42	35.00%	39	25	14	35.90%
1974	122	86	36	29.51%	37	24	13	35.14%
1975	80	55	25	31.25%	26	18	8	30.77%
1976	149	112	37	24.83%	38	27	11	28.95%
1977	209	144	65	31.10%	59	37	22	37.29%
1978	269	204	65	24.16%	58	44	14	24.14%
1979	280	199	81	28.93%	66	47	19	28.79%
1980	170	127	43	25.29%	43	32	11	25.58%
1981	149	108	41	27.52%	38	25	13	34.21%
1982	200	157	43	21.50%	24	19	5	20.83%
1983	237	181	56	23.63%	30	22	8	26.67%
1984	462	372	90	19.48%	74	58	16	21.62%
1985	658	517	141	21.43%	134	102	32	23.88%
1986	964	792	172	17.84%	150	109	41	27.33%
1987	1282	1053	229	17.86%	208	144	64	30.77%
1988	1799	1546	253	14.06%	220	164	56	25.45%
1989	2543	2207	336	13.21%	316	235	81	25.63%
1990	3664	3234	430	11.74%	380	278	102	26.84%
1991	4869	4314	555	11.40%	498	366	132	26.51%
1992	5763	5143	620	10.76%	594	442	152	25.59%
1993	7575	6776	799	10.55%	756	554	202	26.72%
1994	10997	10022	975	8.87%	904	671	233	25.77%
1995	14434	13258	1176	8.15%	1071	806	265	24.74%
1996	15853	14750	1103	6.96%	903	802	101	11.18%
1997	23184	21575	1609	6.94%	1402	1212	190	13.55%
1998	27492	25705	1787	6.50%	1555	1333	222	14.28%
1999	34699	32584	2115	6.10%	1815	1582	233	12.84%
2000	44108	41379	2729	6.19%	2368	2041	327	13.81%
2001	47842	44832	3010	6.29%	2539	2203	336	13.23%
2002	56139	52945	3194	5.69%	2694	2355	339	12.58%
2003	63950	60980	2970	4.64%	2586	2300	286	11.06%
2004	71169	68369	2800	3.93%	2448	2218	230	9.40%
2005	79140	76411	2729	3.45%	2431	2161	270	11.11%
2006	81420	78887	2533	3.11%	2237	2025	212	9.48%
2007	81895	79726	2169	2.65%	1905	1758	147	7.72%
2008	71631	70176	1455	2.03%	1304	1200	104	7.98%
2009	44342	43677	665	1.50%	571	537	34	5.95%
2010	55355	54774	581	1.05%	526	486	40	7.60%
2011	60063	59470	593	0.99%	519	495	24	4.62%
2012	75359	74753	606	0.80%	520	495	25	4.81%
2013	94549	94072	477	0.50%	427	410	17	3.98%
2014	97741	97402	339	0.35%	319	310	9	2.82%
2015	34999	34945	54	0.15%	47	46	1	2.13%
2016	4773	4765	8	0.17%	8	8	0	0.00%
2017	68	68	0	0.00%	0	0	0	0.00%
Grand Totals	1,223,459	1,183,373	40,086	3.28%	35,098	30,378	4,720	13.45%
Totals for Model Year 1968 - 1995	57,688	51,128	6,560	11.37%	5,974	4,401	1,573	26.33%
Totals for Model Year 1996 - Newest	1,165,771	1,132,245	33,526	2.88%	29,124	25,977	3,147	10.81%

	2016 C	LARK COUNTY -	LIGHT DUTY GA	SOLINE POWERED	VEHICLES		
Year	Total Subsequent- Inspections	Passing Subsequent- Inspections	Failing Subsequent- Inspections	Percent Failing Subsequent- Inspections	No Known Formal Outcome	Rejected	Percent Rejected
1968	3	0	3	100.00%	24	1	0.85%
1969	7	0	7	100.00%	24	0	0.00%
1970	7	0	7	100.00%	15	1	0.83%
1971	2	0	2	100.00%	23	0	0.00%
1972	2	0	2	100.00%	28	0	0.00%
1973	5	1	4	80.00%	14	0	0.00%
1974	4	0	4	100.00%	27	1	0.82%
1975	7	0	7	100.00%	17	2	2.50%
1976	8	0	8	100.00%	25	0	0.00%
1977	20	0	20	100.00%	29	3	1.44%
1978	7	0	7	100.00%	42	2	0.74%
1979	6	0	6	100.00%	48	1	0.36%
1980	7	0	7	100.00%	20	1	0.59%
1981	5	0	5	100.00%	23	1	0.67%
1982	4	0	4	100.00%	25	2	1.00%
1983	0	0	0	0.00%	33	0	0.00%
1984	3	0	3	100.00%	60	3	0.65%
1985	18	1	17	94.44%	78	3	0.46%
1986	20	0	20	100.00%	114	10	1.04%
1987	33	2	31	93.94%	145	8	0.62%
1988	25	0	25	100.00%	135	17	0.94%
1989	31	3	28	90.32%	243	22	0.87%
1990	57	5	52	91.23%	365	29	0.79%
1991	70	1	69	98.57%	455	33	0.68%
1992	102	2	100	98.04%	577	38	0.66%
1993	110	4	106	96.36%	781	51	0.67%
1994	80	2	78	97.50%	950	97	0.88%
1995	146	8	138	94.52%	1456	85	0.59%
1996	32	4	28	87.50%	512	1359	8.57%
1997	61	6	55	90.16%	723	2305	9.94%
1998	82	7	75	91.46%	767	2876	10.46%
1999	76	10	66	86.84%	904	3283	9.46%
2000	105	12	93	88.57%	1151	4097	9.29%
2001	104	9	95	91.35%	1483	8601	17.98%
2002	122	13	109	89.34%	1450	7743	13.79%
2003	72	1	71	98.61%	1546	6943	10.86%
2004	85	3	82	96.47%	1650	6263	8.80%
2005	83	2	81	97.59%	1722	5965	7.54%
2006	60	4	56	93.33%	1582	4858	5.97%
2007	38	5	33	86.84%	1394	3549	4.33%
2007	42	2	40	95.24%	1107	2540	3.55%
2009	14	1	13	92.86%	612	1293	2.92%
2010	10	0	10	100.00%	678	1293	2.31%
2010	6	1	5	83.33%	647	1277	2.14%
2012	4	0	4	100.00%	808	1643	2.14%
2012	5	1	4	80.00%	1023	2129	2.16%
2013	1	1	0	0.00%	1069	1785	1.83%
2015	0	0	0	0.00%	1098	732	2.09%
2016	0	0	0	0.00%	224	141	2.05%
2017	0	0	0	0.00%	5	3	4.41%
Grand Totals	1,791	111	1,680	93.80%	27,931	71,083	5.81%
Totals for Model Year 1968 - 1995	789	29	760	96.32%	5,776	411	0.71%
Totals for Model Year 1996 - Newest	1,002	82	920	91.82%	22,155	70,672	6.06%

	2016 CLAI	RK COUNTY - LIGHT DU	TY GASOLINE POWERED	VEHICLES	
Year	Multiples Pass	OBD Passing Initial Re-Inspection	TSI Passing Initial Re-Inspection	OBD Failing Initial Re-Inspection	TSI Failing Initial Re-Inspection
1968	2	0	27	0	8
1969	1	0	34	0	18
1970	0	0	19	0	7
1971	3	0	29	0	13
1972	0	0	43	0	13
1973	1	0	25	0	14
1974	1	0	24	0	13
1975	0	0	18	0	8
1976	1	0	27	0	11
1977	3	0	37	0	22
1978	2	0	44	0	14
1979	6	0	47	0	19
1980	1	0	32	0	11
1981	2	0	25	0	13
1982	4	0	19	0	5
1983	7	0	22	0	8
1984	5	0	58	0	16
1985	5	0	102	0	32
1986	21	0	109	0	41
1987	36	0	144	0	64
1988	62	0	164	0	56
1989	79	0	235	0	81
1990	128	0	278	0	102
1991	180	0	366	0	132
1992	205	0	442	0	152
1993	311	0	554	0	202
1994	495	0	671	0	233
1995	657	0	806	0	265
1996	777	802	0	101	0
1997	1163	1212	0	190	0
1998	1315	1333	0	222	0
1999	1752	1582	0	233	0
2000	2225	2041	0	327	0
2001	2421	2202	1	336	0
2002	2818	2355	0	339	0
2003	3463	2300	0	286	0
2004	3806	2218	0	230	0
2005	4407	2161	0	270	0
2006	4574	2025	0	212	0
2007	4623	1758	0	147	0
2008	4039	1200	0	104	0
2009	2537	537	0	34	0
2010	3220	486	0	40	0
2011	3499	495	0	24	0
2012	4482	495	0	25	0
2013	6155	410	0	17	0
2014	6460	310	0	8	1
2015	1555	46	0	1	0
2016	118	8	0	0	0
2017	0	0	0	0	0
Grand Totals	67,627	25,976	4,402	3,146	1,574
Totals for Model Year 1968 - 1995	2,218	0	4,401	0	1,573
Totals for Model Year 1996 - Newest	65,409	25,976	1	3,146	1

	2016 CLARK COUNTY	- LIGHT DUTY GASOLINE PO	WERED VEHICLES	S	
Year	OBD Passing Initial Subsequent-Inspection	TSI Failing Initial Subsequent-Inspection	MIL On and No Codes	MIL On and Codes	MIL Off and Codes
1968	0	3	0	0	0
1969	0	7	0	0	0
1970	0	7	0	0	0
1971	0	2	0	0	0
1972	0	2	0	0	0
1973	0	4	0	0	0
1974	0	4	0	0	0
1975	0	7	0	0	0
1976	0	8	0	0	0
1977	0	20	0	0	0
1978	0	7	0	0	0
1979	0	6	0	0	0
1980 1981	0	5	0	0	0
1982	0	4	0	0	0
1983	0	0	0	0	0
1984	0	3	0	0	0
1985	0		0	0	0
1986	0	20	0	0	0
1987	0	31	0	0	0
1988	0	25	0	0	0
1989	0	28	0	0	0
1990	0	52	0	0	0
1991	0	69	0	0	0
1992	0	100	0	0	0
1993	0	106	0	0	0
1994	0	78	0	0	0
1995	0	138	0	0	0
1996	4	0	6	1134	2073
1997	6	0	2	1690	2919
1998	7	0	3	1935	3741
1999	10	0	10	2254	4159
2000	12	0	7	3007	5557
2001	9	0	4	3339	5569
2002	13	0	8	3518	6980
2003	1	0	29	3226	7137
2004	3	0	9	3008	7737
2005	2	0	14	2961	7299
2006	4	0	16	2715	7513
2007	5 2	0	13	2288	5574
2008 2009	1	0	4	1535 701	4035 1787
2010	0	0	3	599	1744
2010	1	0	4	596	1551
2012	0	0	3	601	1854
2013	1	0	1	456	1762
2014	1	0	0	317	1200
2015	0	0	0	49	394
2016	0	0	0	4	43
2017	0	0	0	0	1
Grand Totals	82	760	139	35,933	80,629
Totals for Model Year 1968 - 1995	0	760	0	0	0
Totals for Model Year 1996 - Newest	82	0	139	35,933	80,629

# **HEAVY DUTY VEHICLE EMISSION TEST STATISTICS**

	2016 STATEWIDE - HEAVY DUTY GASOLINE POWERED VEHICLES									
Year	Total Initial Inspections	Passing Initial Inspection	Failing Initial Inspection	Percent Failing Initial Inspections	Total Re- Inspection	Passing Initial Re- Inspection	Failing Initial Re- Inspection	Percent Failing Initial Re- Inspection		
1968	5	4	1	20.00%	2	2	0	0.00%		
1969	9	7	2	22.22%	1	1	0	0.00%		
1970	7	5	2	28.57%	2	2	0	0.00%		
1971	9	9	0	0.00%	0	0	0	0.00%		
1972	13	12	1	7.69%	3	1	2	66.67%		
1973	23	11	12	52.17%	12	12	0	0.00%		
1974	13	10	3	23.08%	1	1	0	0.00%		
1975	23	14	9	39.13%	7	5	2	28.57%		
1976	32	28	4	12.50%	8	6	2	25.00%		
1977	72	57	15	20.83%	12	11	1	8.33%		
1978	99	73	26	26.26%	22	18	4	18.18%		
1979	100 50	78	22	22.00%	18 11	14	4 2	22.22% 18.18%		
1980	60	39 51	11	22.00%	4	4				
1981 1982	77	58	9	15.00% 24.68%	16	12	0 4	0.00%		
1982	102	82		24.68% 19.61%	20	13	7	25.00% 35.00%		
1983	102	120	20 27	19.61%	26	13	7	26.92%		
1985	152	120	25	16.45%	20	21	1	4.55%		
1986	168	136	32	19.05%	36	28	8	22.22%		
1987	214	174	40	18.69%	35	29	6	17.14%		
1988	325	285	40	12.31%	35	29	6	17.14%		
1989	525	473	52	9.90%	34	29	5	14.71%		
1989	533	505	28	5.25%	27	29	1	3.70%		
1990	474	442	32	6.75%	31	24	7	22.58%		
1991	527	500	27	5.12%	23	19	4	17.39%		
1992	634	604	30		23	24	3			
1993	910	845	65	4.73% 7.14%	42	36	6	11.11% 14.29%		
1994	1158	1119	39	3.37%	32	29	3	9.38%		
1995	1200	1164	36	3.00%	34	30	4	11.76%		
1996	1464	1408	56	3.83%	56	47	9	16.07%		
1998	1286	1245	41	3.19%	31	27	4	12.90%		
1999	2159	2118	41	1.90%	42	36	6	14.29%		
2000	2472	2429	43	1.74%	36	32	4	11.11%		
2000	2611	2581	30	1.15%	27	25	2	7.41%		
2001	2198	2167	31	1.13%	23	21	2	8.70%		
2002	3051	3014	37	1.41%	28	28	0	0.00%		
2003	2986	2957	29	0.97%	32	31	1	3.13%		
2005	2741	2733	8	0.29%	8	8	0	0.00%		
2005	3057	3036	21	0.29%	18	18	0	0.00%		
2006	2202	2190	12	0.69%	11	11	0	0.00%		
2007	1742	1739	3	0.34 %	3	2	1	33.33%		
2009	724	720	4	0.17%	5	5	0	0.00%		
2009	801	799	2	0.35%	4	4	0	0.00%		
2010	1150	1148	2	0.23%	2	2	0	0.00%		
2012	1650	1647	3	0.18%	3	3	0	0.00%		
2012	1587	1585	2	0.13%	4	3	1	25.00%		
2014	1737	1737	0	0.00%	1	1	0	0.00%		
2015	931	929	2	0.21%	2	2	0	0.00%		
2016	139	139	0	0.00%	0	0	0	0.00%		
2017	1	1	0	0.00%	0	0	0	0.00%		
Grand Totals	44,350	43,354	996	2.25%	879	760	119	13.54%		
Totals for Model Year 1968 - 1995	6,461	5,868	593	9.18%	509	424	85	16.70%		
Totals for Model Year 1996 - Newest	37,889	37,486	403	1.06%	370	336	34	9.19%		

	2016 \$	STATEWIDE - HEAV	Y DUTY GASOL	INE POWERED VE	HICLES		
Year	Total Subsequent- Inspections	Passing Subsequent- Inspections	Failing Subsequent- Inspections	Percent Failing Subsequent- Inspections	No Known Formal Outcome	Rejected	Percent Rejected
1968	0	0	0	0.00%	0	0	0.00%
1969	0	0	0	0.00%	2	0	0.00%
1970	0	0	0	0.00%	0	0	0.00%
1971	0	0	0	0.00%	0	0	0.00%
1972	0	0	0	0.00%	1	0	0.00%
1973	0	0	0	0.00%	7	0	0.00%
1974	0	0	0	0.00%	2	0	0.00%
1975	0	0	0	0.00%	6	0	0.00%
1976	0	0	0	0.00%	2	0	0.00%
1977	0	0	0	0.00%	5	0	0.00%
1978	2	1	1	50.00%	9	2	2.02%
1979	1	0	1	100.00%	10	1	1.00%
1980	3	0	3	100.00%	3	0	0.00%
1981	0	0	0	0.00%	7	0	0.00%
1982	0	0	0	0.00%	9	1	1.30%
1983	2	0	2	100.00%	12	0	0.00%
1984	5	0	5	100.00%	11	0	0.00%
1985	1	1	0	0.00%	8	0	0.00%
1986	2	0	2	100.00%	14	1	0.60%
1987	4	0	4	100.00%	17	1	0.47%
1988	5	0	5	100.00%	19	0	0.00%
1989	0	0	0	0.00%	28	1	0.19%
1990	1	0	1	100.00%	36	2	0.38%
1991	0	0	0	0.00%	13	2	0.42%
1992	1	0	1	100.00%	25	0	0.00%
1993	0	0	0	0.00%	23	3	0.47%
1994	4	0	4	100.00%	32	4	0.44%
1995	1	0	1	100.00%	47	4	0.35%
1996	0	0	0	0.00%	43	3	0.25%
1997	4	0	4	100.00%	58	1	0.07%
1998	0	0	0	0.00%	47	2	0.16%
1999	0	0	0	0.00%	57	1	0.05%
2000	0	0	0	0.00%	77	0	0.00%
2001	1	0	1	100.00%	76	2	0.08%
2002	0	0	0	0.00%	68	3	0.14%
2003	0	0	0	0.00%	99	4	0.13%
2004	0	0	0	0.00%	91	4	0.13%
2005	0	0	0	0.00%	89	4	0.15%
2006	0	0	0	0.00%	104	3	0.10%
2007	0	0	0	0.00%	80	2	0.09%
2008	1	0	1	100.00%	91	0	0.00%
2009	0	0	0	0.00%	25	0	0.00%
2010	0	0	0	0.00%	42	1	0.12%
2011	0	0	0	0.00%	56	0	0.00%
2012	0	0	0	0.00%	68	0	0.00%
2013	0	0	0	0.00%	71	0	0.00%
2014	0	0	0	0.00%	89	0	0.00%
2015	0	0	0	0.00%	51	0	0.00%
2016	0	0	0	0.00%	5	0	0.00%
2017	0	0	0	0.00%	0	0	0.00%
Grand Totals	38	2	36	94.74%	1,735	52	0.12%
Totals for Model Year 1968 - 1995	32	2	30	93.75%	348	22	0.34%
Totals for Model Year 1996 - Newest	6	0	6	100.00%	1,387	30	0.08%

2016 STATEWIDE - HEAVY DUTY GASOLINE POWERED VEHICLES						
Year	Multiples Pass	OBD Passing Initial Re-Inspection	TSI Passing Initial Re-Inspection	OBD Failing Initial Re-Inspection	TSI Failing Initial Re-Inspection	
1968	0	0	2	0	0	
1969	0	0	1	0	0	
1970	0	0	2	0	0	
1971	0	0	0	0	0	
1972	0	0	1	0	2	
1973	0	0	12	0	0	
1974	1	0	Ī	0	0	
1975	0	0	5	0	2	
1976	0	0	6	0	2	
1977	1	0	11	0	1	
1978	1	0	18	0	4	
1979	1	0	14	0	4	
1980	0	0	9	0	2	
1981	2	0	4	0	0	
1982	3	0	12	0	4	
1983	2	0	13	0	7	
1984	2	0	19	0	7	
1985	0	0	21	0	1	
1986	2	0	28	0	8	
1987	7	0	29	0	6	
1988	7	0	29	0	6	
1989	7	0	29	0	5	
1990	15	0	26	0	1	
1991	10	0	24	0	7	
1992	15	0	19	0	4	
1993	24	0	24	0	3	
1994	26	0	36	0	6	
1995	29	0	29	0	3	
1996	35	0	30	0	4	
1997	45	0	47	0	9	
1998	38	0	27	0	4	
1999	90	0	36	0	6	
2000	89	0	32	0	4	
2001	97	0	25	0	2	
2002	89	0	21	0	2	
2003	103	0	28	0	0	
2004	126	0	31	0	1	
2005	113	0	8	0	0	
2006	144	0	18	0	0	
2007	93	0	11	0	0	
2008	87	0	2	0	1	
2009	35	0	5	0	0	
2010	33	0	4	0	0	
2011 2012	39	0	2	0	0	
2012	76 81	0	3	0	0	
2013	66	0	3 1	0	0	
2014	40	0	2	0	0	
2015	40	0	0	0	0	
2017	0	0	0	0	0	
Grand Totals	1,678	0	760	0	119	
Totals for Model Year 1968 - 1995	155	0	424	0	85	
Totals for Model Year 1996 - Newest	1,523	0	336	0	34	

2016 STATEWIDE - HEAVY DUTY GASOLINE POWERED VEHICLES									
Year	OBD Passing Initial Subsequent- Inspection	TSI Failing Initial Subsequent-Inspection	MIL On and No Codes	MIL On and Codes	MIL Off and Codes				
1968	0	0	0	0	0				
1969	0	0	0	0	0				
1970	0	0	0	0	0				
1971	0	0	0	0	0				
1972	0	0	0	0	0				
1973	0	0	0	0	0				
1974	0	0	0	0	0				
1975	0	0	0	0	0				
1976	0	0	0	0	0				
1977	0	0	0	0	0				
1978	0	1	0	0	0				
1979	0	1	0	0	0				
1980	0	3	0	0	0				
1981	0	0	0	0	0				
1982	0	0	0	0	0				
1983	0	2	0	0	0				
1984	0	5	0	0	0				
1985	0	0	0	0	0				
1986	0	2	0	0	0				
1987	0	4	0	0	0				
1988	0	5	0	0	0				
1989	0	0	0	0	0				
1990	0	1	0	0	0				
1991	0	0	0	0	0				
1992	0	1	0	0	0				
1993	0	0	0	0	0				
1994	0	4	0	0	0				
1995	0	1	0	0	0				
1996	0	0	0	0	0				
1997	0	4	0	0	0				
1998	0	0	0	0	0				
1999	0	0	0	0	0				
2000	0	0	0	0	0				
2001	0	1	0	0	0				
2002	0	0	0	0	0				
2003	0	0	0	0	0				
2004	0	0	0	0	0				
2005	0	0	0	0	0				
2006	0	0	0	0	0				
2007	0	0	0	0	0				
2008	0	1	0	0	0				
2009	0	0	0	0	0				
2010	0	0	0	0	0				
2011	0	0	0	0	0				
2012	0	0	0	0	0				
2013	0	0	0	0	0				
2014	0	0	0	0	0				
2015	0	0	0	0	0				
2016	0	0	0	0	0				
2017	0	0	0	0	0				
Grand Totals	0	36	0	0	0				
Totals for Model Year 1968 - 1995	0	30	0	0	0				
Totals for Model Year 1996 - Newest	0	6	0	0	0				

2016 WASHOE COUNTY - HEAVY DUTY GASOLINE POWERED VEHICLES								
Year	Total Initial Inspections	Passing Initial Inspection	Failing Initial Inspection	Percent Failing Initial Inspections	Total Re- Inspection	Passing Initial Re- Inspection	Failing Initial Re- Inspection	Percent Failing Initial Re- Inspection
1968	5	4	1	20.00%	2	2	0	0.00%
1969	6	5	1	16.67%	1	1	0	0.00%
1970	5	3	2	40.00%	2	2	0	0.00%
1971	9	9	0	0.00%	0	0	0	0.00%
1972	7	7	0	0.00%	2	1	1	50.00%
1973	11	7	4	36.36%	4	4	0	0.00%
1974	8	6	2	25.00%	1	1	0	0.00%
1975	14	9	5	35.71%	4	2	2	50.00%
1976	22	19	3	13.64%	5	3	2	40.00%
1977	48	38	10	20.83%	6	5	1	16.67%
1978	61	47	14	22.95%	11	8	3	27.27%
1979	61	52	9	14.75%	6	4	2	33.33%
1980	34	25	9	26.47%	9	8	1	11.11%
1981	34	29	5	14.71%	2	2	0	0.00%
1982	44	35	9	20.45%	9	6	3	33.33%
1983	60	49	11	18.33%	11	6	5	45.45%
1984	74	62	12	16.22%	11	7	4	36.36%
1985	95	84	11	11.58%	10	9	1	10.00%
1986	106	88	18	16.98%	19	18	1	5.26%
1987	132	111	21	15.91%	19	16	3	15.79%
1988	167	151	16	9.58%	11	10	1	9.09%
1989	300	279	21	7.00%	15	13	2	13.33%
1990	305	291	14	4.59%	11	11	0	0.00%
1991	242	233	9	3.72%	9	8	1	11.11%
1992	289	276	13	4.50%	9	6	3	33.33%
1993	290	280	10	3.45%	14	13	1	7.14%
1994	398	357	41	10.30%	12	9	3	25.00%
1995	499	481	18	3.61%	15	14 9	1	6.67%
1996	488 558	472 539	16	3.28%	11 17	-	2	18.18%
1997 1998	513	502	19	3.41% 2.14%	17	14	3	17.65%
1998	784	502 774	11 10	1.28%	9	8	1	10.00% 11.11%
2000	828	818	10	1.20%	8	7	1	12.50%
2000	899	893	6	0.67%	7	6	1	14.29%
2001	726	714	12	1.65%	11	10	1	9.09%
2002	912	906	6	0.66%	4	4	0	0.00%
2003	801	797	4	0.50%	4	4	0	0.00%
2005	733	732	1	0.14%	2	2	0	0.00%
2006	850	843	7	0.82%	5	5	0	0.00%
2007	550	549	1	0.18%	2	2	0	0.00%
2008	455	455	0	0.00%	0	0	0	0.00%
2009	195	195	0	0.00%	0	0	0	0.00%
2010	198	198	0	0.00%	0	0	0	0.00%
2011	275	275	0	0.00%	0	0	0	0.00%
2012	429	429	0	0.00%	0	0	0	0.00%
2013	430	429	1	0.23%	1	1	0	0.00%
2014	476	476	0	0.00%	0	0	0	0.00%
2015	363	362	1	0.28%	1	1	0	0.00%
2016	62	62	0	0.00%	0	0	0	0.00%
2017	0	0	0	0.00%	0	0	0	0.00%
Grand Totals	14,851	14,457	394	2.65%	322	271	<u></u>	15.84%
Totals for Model Year 1968 - 1995	3,326	3,037	289	8.69%	230	189	41	17.83%
Totals for Model Year 1996 - Newest	11,525	11,420	105	0.91%	92	82	10	10.87%

	2016 WASHOE COUNTY - HEAVY DUTY GASOLINE POWERED VEHICLES							
Year	Total Subsequent- Inspections	Passing Subsequent- Inspections	Failing Subsequent- Inspections	Percent Failing Subsequent- Inspections	No Known Formal Outcome	Rejected	Percent Rejected	
1968	0	0	0	0.00%	0	0	0.00%	
1969	0	0	0	0.00%	1	0	0.00%	
1970	0	0	0	0.00%	0	0	0.00%	
1971	0	0	0	0.00%	0	0	0.00%	
1972	0	0	0	0.00%	1	0	0.00%	
1973	0	0	0	0.00%	2	0	0.00%	
1974	0	0	0	0.00%	2	0	0.00%	
1975	0	0	0	0.00%	4	0	0.00%	
1976	0	0	0	0.00%	1	0	0.00%	
1977	0	0	0	0.00%	3	0	0.00%	
1978	0	0	0	0.00%	7	2	3.28%	
1979	1	0	1	100.00%	3	0	0.00%	
1980	1	0	1	100.00%	3	0	0.00%	
1981	0	0	0	0.00%	4	0	0.00%	
1982	0	0	0	0.00%	6	1	2.27%	
1983	0	0	0	0.00%	4	0	0.00%	
1984	5	0	5	100.00%	2	0	0.00%	
1985	0	0	0	0.00%	3	0	0.00%	
1986	1	0	1	100.00%	6	1	0.94%	
1987	3	0	3	100.00%	9	0	0.00%	
1988	0	0	0	0.00%	4	0	0.00%	
1989	0	0	0	0.00%	10	1	0.33%	
1990	0	0	0	0.00%	15	2	0.66%	
1991	0	0	0	0.00%	5	0	0.00%	
1992	0	0	0	0.00%	14	0	0.00%	
1993	0	0	0	0.00%	7	2	0.69%	
1994	2	0	2	100.00%	11	3	0.75%	
1995	1	0	1	100.00%	14	3	0.60%	
1996	0	0	0	0.00%	11	2	0.41%	
1997	1	0	1	100.00%	13	0	0.00%	
1998	0	0	0	0.00%	13	1	0.19%	
1999	0	0	0	0.00%	12	0	0.00%	
2000	0	0	0	0.00%	21	0	0.00%	
2001	1	0	1	100.00%	17	1	0.11%	
2002	0	0	0	0.00%	21	1	0.14%	
2003	0	0	0	0.00%	23	1	0.11%	
2004	0	0	0	0.00%	13	1	0.12%	
2005	0	0	0	0.00%	14	0	0.00%	
2006	0	0	0	0.00%	26	0	0.00%	
2007	0	0	0	0.00%	17	0	0.00%	
2008	0	0	0	0.00%	23	0	0.00%	
2009	0	0	0	0.00%	6	0	0.00%	
2010	0	0	0	0.00%	9	0	0.00%	
2011	0	0	0	0.00%	12	0	0.00%	
2012	0	0	0	0.00%	17	0	0.00%	
2013	0	0	0	0.00%	11	0	0.00%	
2014	0	0	0	0.00%	19	0	0.00%	
2015	0	0	0	0.00%	17	0	0.00%	
2016	0	0	0	0.00%	1	0	0.00%	
2017	0	0	0	0.00%	0	0	0.00%	
Grand Totals	16	0	16	100.00%	457	22	0.15%	
Totals for Model Year 1968 - 1995	14	0	14	100.00%	141	15	0.45%	
Totals for Model Year 1996 - Newest	2	0	2	100.00%	316	7	0.06%	

	2016 WASHOE COUNTY - HEAVY DUTY GASOLINE POWERED VEHICLES							
Year	Multiples Pass	OBD Passing Initial Re-Inspection	TSI Passing Initial Re-Inspection	OBD Failing Initial Re- Inspection	TSI Failing Initial Re-Inspection			
1968	0	0	2	0	0			
1969	0	0	1	0	0			
1970	0	0	2	0	0			
1971	0	0	0	0	0			
1972	0	0	1	0	1			
1973	0	0	4	0	0			
1974	0	0	1	0	0			
1975	0	0	2	0	2			
1976	0	0	3	0	2			
1977	1	0	5	0	1			
1978	1	0	8	0	3			
1979	0	0	4	0	2			
1980	0	0	8	0	1			
1981	1	0	2	0	0			
1982	1	0	6	0	3			
1983	1	0	6	0	5			
1984	1	0	7	0	4			
1985	0	0	9	0	1			
1986	1	0	18	0	1			
1987	5	0	16	0	3			
1988	4	0	10	0	1			
1989	4	0	13	0	2			
1990	9	0	11	0	0			
1991	6	0	8	0	1			
1992	10	0	6	0	3			
1993	12	0	13	0	1			
1994	8	0	9	0	3			
1995	9	0	14	0	1			
1996	8	0	9	0	2			
1997	13	0	14	0	3			
1998	14	0	9	0	1			
1999	29	0	8	0	1			
2000	27	0	7	0	1			
2001	27	0	6	0	1			
2002	24	0	10	0	1			
2003	30	0	4	0	0			
2004	26	0	4	0	0			
2005	25	0	2	0	0			
2006	38	0	5	0	0			
2007	20	0	2	0	0			
2008	19	0	0	0	0			
2009	7	0	0	0	0			
2010	7	0	0	0	0			
2010	3	0	0	0	0			
2012	17	0	0	0	0			
2012	33	0	1	0	0			
2013	21	0	0	0	0			
2014	27	0	1	0	0			
2016	4	0	0	0	0			
2017	0	0	0	0	0			
Grand Totals	493	0	271	0	51			
Totals for Model Year 1968 - 1995	74	0	189	0	41			
Totals for Model Year 1996 - Newest	419	0	82	0	10			

201	6 NORTHERN REGION WASH	OE COUNTY - HEAVY DUTY	Y GASOLINE POWER	ED VEHICLES	
	OBD Passing Initial	TSI Failing Initial	MIL On and No	MIL On and	MIL Off and
Year	Subsequent-Inspection	Subsequent-Inspection	Codes	Codes	Codes
1968	0	0	0	0	0
1969	0	0	0	0	0
1970	0	0	0	0	0
1971	0	0	0	0	0
1972	0	0	0	0	0
1973	0	0	0	0	0
1974	0	0	0	0	0
1975	0	0	0	0	0
1976	0	0	0	0	0
1977	0	0	0	0	0
1978	0	0	0	0	0
1979	0	1	0	0	0
1980	0	1	0	0	0
1981	0	0	0	0	0
1982	0	0	0	0	0
1983	0	0	0	0	0
1984	0	5	0	0	0
1985	0	0	0	0	0
1986	0	1	0	0	0
1987	0	3	0	0	0
1988	0	0	0	0	0
1989	0	0	0	0	0
1990	0	0	0	0	0
1991	0	0	0	0	0
1992	0	0	0	0	0
1993	0	0	0	0	0
1994	0	2	0	0	0
1995	0	1	0	0	0
1996	0	0	0	0	0
1997	0	1	0	0	0
1998	0	0	0	0	0
1999	0	0	0	0	0
2000		0			
2000	0	1	0	0	0
2001	0	0		0	0
			0		
2003	0	0	0	0	0
2004 2005	0	0	0	0	0
		0	0	0	0
2006	0	0	0	0	0
2007	0	0	0	0	0
2008	0	0	0	0	0
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
Grand Totals	0	16	0	0	0
Totals for Model Year 1968 - 1995	0	14	0	0	0
Totals for Model Year 1996 - Newest	0	2	0	0	0

2016 CLARK COUNTY - HEAVY DUTY GASOLINE POWERED VEHICLES								
Year	Total Initial Inspections	Passing Initial Inspection	Failing Initial Inspection	Percent Failing Initial Inspections	Total Re- Inspection	Passing Initial Re- Inspection	Failing Initial Re- Inspection	Percent Failing Initial Re- Inspection
1968	0	0	0	0.00%	0	0	0	0.00%
1969	3	2	1	33.33%	0	0	0	0.00%
1970	2	2	0	0.00%	0	0	0	0.00%
1971	0	0	0	0.00%	0	0	0	0.00%
1972	6	5	1	16.67%	1	0	1	100.00%
1973	12	4	8	66.67%	8	8	0	0.00%
1974	5	4	1	20.00%	0	0	0	0.00%
1975	9	5	4	44.44%	3	3	0	0.00%
1976	10	9	1	10.00%	3	3	0	0.00%
1977	24	19	5	20.83%	6	6	0	0.00%
1978	38	26	12	31.58%	11	10	1	9.09%
1979	39	26	13	33.33%	12	10	2	16.67%
1980	16	14	2	12.50%	2	1	1	50.00%
1981	26	22	4	15.38%	2	2	0	0.00%
1982	33	23	10	30.30%	7	6	1	14.29%
1983	42	33	9	21.43%	9	7	2	22.22%
1984	73	58	15	20.55%	15	12	3	20.00%
1985	57	43	14	24.56%	12	12	0	0.00%
1986	62	48	14	22.58%	17	10	7	41.18%
1987	82	63	19	23.17%	16	13	3	18.75%
1988	158	134	24	15.19%	24	19	5	20.83%
1989	225	194	31	13.78%	19	16	3	15.79%
1990	228	214	14	6.14%	16	15	1	6.25%
1991	232	209	23	9.91%	22	16	6	27.27%
1992	238	224	14	5.88%	14	13	1	7.14%
1993	344	324	20	5.81%	13	11	2	15.38%
1994	512	488	24	4.69%	30	27	3	10.00%
1995	659	638	21	3.19%	17	15	2	11.76%
1996	712	692	20	2.81%	23	21	2	8.70%
1997	906	869	37	4.08%	39	33	6	15.38%
1998	773	743	30	3.88%	21	18	3	14.29%
1999	1375	1344	31	2.25%	33	28	5	15.15%
2000	1644	1611	33	2.01%	28	25	3	10.71%
2001	1712	1688	24	1.40%	20	19	1	5.00%
2002	1472	1453	19	1.29%	12	11	1	8.33%
2003	2139	2108	31	1.45%	24	24	0	0.00%
2004	2185	2160	25	1.14%	28	27	1	3.57%
2005	2008	2001	7	0.35%	6	6	0	0.00%
2006	2207	2193	14	0.63%	13	13	0	0.00%
2007	1652	1641	11	0.67%	9	9	0	0.00%
2008	1287	1284	3	0.23%	3	2	1	33.33%
2009	529	525	4	0.76%	5	5	0	0.00%
2010	603	601	2	0.33%	4	4	0	0.00%
2011	875	873	2	0.23%	2	2	0	0.00%
2012	1221	1218	3	0.25%	3	3	0	0.00%
2013	1157	1156	1	0.09%	3	2	1	33.33%
2014	1261	1261	0	0.00%	1	1	0	0.00%
2015	568	567	1	0.18%	1	1	0	0.00%
2016	77	77	0	0.00%	0	0	0	0.00%
2017	1	1	0	0.00%	0	0	0	0.00%
Grand Totals	29,499	28,897	602	2.04%	557	489	68	12.21%
Totals for Model Year 1968 - 1995	3,135	2,831	304	9.70%	279	235	44	15.77%
Totals for Model Year 1996 - Newest	26,364	26,066	298	1.13%	278	254	24	8.63%

2016 CLARK COUNTY - HEAVY DUTY GASOLINE POWERED VEHICLES							
Year	Total Subsequent- Inspections	Passing Subsequent- Inspections	Failing Subsequent- Inspections	Percent Failing Subsequent- Inspections	No Known Formal Outcome	Rejected	Percent Rejected
1968	0	0	0	0.00%	0	0	0.00%
1969	0	0	0	0.00%	1	0	0.00%
1970	0	0	0	0.00%	0	0	0.00%
1971	0	0	0	0.00%	0	0	0.00%
1972	0	0	0	0.00%	0	0	0.00%
1973	0	0	0	0.00%	5	0	0.00%
1974	0	0	0	0.00%	0	0	0.00%
1975	0	0	0	0.00%	2	0	0.00%
1976	0	0	0	0.00%	1	0	0.00%
1977	0	0	0	0.00%	2	0	0.00%
1978	2	1	1	50.00%	2	0	0.00%
1979	0	0	0	0.00%	7	1	2.56%
1980	2	0	2	100.00%	0	0	0.00%
1981	0	0	0	0.00%	3	0	0.00%
1982	0	0	0	0.00%	3	0	0.00%
1983	2	0	2	100.00%	8	0	0.00%
1984	0	0	0	0.00%	9	0	0.00%
1985	1	1	0	0.00%	5	0	0.00%
1986	1	0	1	100.00%	8	0	0.00%
1987	1	0	1	100.00%	8	1	1.22%
1988	5	0	5	100.00%	15	0	0.00%
1989	0	0	0	0.00%	18	0	0.00%
1990	1	0	1	100.00%	21	0	0.00%
1991	0	0	0	0.00%	8	2	0.86%
1992	1	0	1	100.00%	11	0	0.00%
1993	0	0	0	0.00%	16	1	0.29%
1994	2	0	2	100.00%	21	1	0.20%
1995	0	0	0	0.00%	33	1	0.15%
1996	0	0	0	0.00%	32	1	0.14%
1997	3	0	3	100.00%	45	1	0.11%
1998	0	0	0	0.00%	34	1	0.13%
1999	0	0	0	0.00%	45	1	0.07%
2000	0	0	0	0.00%	56	0	0.00%
2001	0	0	0	0.00%	59	1	0.06%
2002	0	0	0	0.00%	47	2	0.14%
2003	0	0	0	0.00%	76	3	0.14%
2004	0	0	0	0.00%	78	3	0.14%
2005	0	0	0	0.00%	75	4	0.20%
2006	0	0	0	0.00%	78	3	0.20%
2007	0	0	0	0.00%	63	2	0.14%
2008	1	0	1	100.00%	68	0	0.00%
2009	0	0	0	0.00%	19	0	0.00%
2010	0	0	0	0.00%	33	1	0.00%
2011	0	0	0	0.00%	44	0	0.00%
2012	0	0	0	0.00%	51	0	0.00%
2012	0	0	0	0.00%	60	0	0.00%
2013	0	0	0	0.00%	70	0	0.00%
2014	0	0	0	0.00%	34	0	0.00%
2016	0	0	0	0.00%	4	0	0.00%
2017	0	0	0	0.00%	0	0	0.00%
Grand Totals	22	2	20	90.91%	1,278	30	0.10%
Totals for Model Year 1968 - 1995	18	2	16	88.89%	207	7	0.22%
Totals for Model Year 1996 - Newest	4	0	4	100.00%	1,071	23	0.09%

2016 CLARK COUNTY - HEAVY DUTY GASOLINE POWERED VEHICLES							
Year	Multiples Pass	OBD Passing Initial Re-Inspection	TSI Passing Initial Re-Inspection	OBD Failing Initial Re-Inspection	TSI Failing Initial Re-Inspection		
1968	0	0	0	0	0		
1969	0	0	0	0	0		
1970	0	0	0	0	0		
1971	0	0	0	0	0		
1972	0	0	0	0	1		
1973	0	0	8	0	0		
1974	1	0	0	0	0		
1975	0	0	3	0	0		
1976	0	0	3	0	0		
1977	0	0	6	0	0		
1978	0	0	10	0	1		
1979	1	0	10	0	2		
1980	0	0	1	0	1		
1981	1	0	2	0	0		
1982	2	0	6	0	1		
1983	1	0	7	0	2		
1984	1	0	12	0	3		
1985	0	0	12	0	0		
1986	1	0	10	0	7		
1987	2	0	13	0	3		
1988	3	0	19	0	5		
1989	3	0	16	0	3		
1990	6	0	15	0	1		
1991	4	0	16	0	6		
1992	5	0	13	0	1		
1993	12	0	11	0	2		
1994	18	0	27	0	3		
1995	20	0	15	0	2		
1996	27	0	21	0	2		
1997	32	0	33	0	6		
1998	24	0	18	0	3		
1999	61	0	28	0	5		
2000	62	0	25	0	3		
2001	70	0	19	0	1		
2002	65	0	11	0	1		
2003	73	0	24	0	0		
2004	100	0	27	0	1		
2005	88	0	6	0	0		
2006	106	0	13	0	0		
2007	73	0	9	0	0		
2008	68	0	2	0	1		
2009	28	0	5	0	0		
2010	26	0	4	0	0		
2011	36	0	2	0	0		
2012	59	0	3	0	0		
2012	48	0	2	0	1		
2014	45	0	1	0	0		
2015	13	0	1	0	0		
2016	0	0	0	0	0		
2017	0	0	0	0	0		
Grand Totals	1,185	0	489	0	68		
Totals for Model Year 1968 - 1995	81	0	235	0	44		
Totals for Model Year 1996 - Newest	1,104	0	254	0	24		

	2016 CLARK COUNTY - HEAVY DUTY GASOLINE POWERED VEHICLES								
Year	OBD Passing Initial Subsequent-Inspection	TSI Failing Initial Subsequent-Inspection	MIL On and No Codes	MIL On and Codes	MIL Off and Codes				
1968	0	0	0	0	0				
1969	0	0	0	0	0				
1970	0	0	0	0	0				
1971	0	0	0	0	0				
1972	0	0	0	0	0				
1973	0	0	0	0	0				
1974	0	0	0	0	0				
1975	0	0	0	0	0				
1976	0	0	0	0	0				
1977	0	0	0	0	0				
1978	0	1	0	0	0				
1979	0	0	0	0	0				
1980	0	2	0	0	0				
1981	0	0	0	0	0				
1982	0	0	0	0	0				
1983	0	2	0	0	0				
1984	0	0	0	0	0				
1985	0	0	0	0	0				
1986	0	1	0	0	0				
1987	0	1	0	0	0				
1988	0	5	0	0	0				
1989	0	0	0	0	0				
1990	0	1	0	0	0				
1991	0	0	0	0	0				
1992	0	1	0	0	0				
1993	0	0	0	0	0				
1994	0	2	0	0	0				
1995	0	0	0	0	0				
1996	0	0	0	0	0				
1997	0	3	0	0	0				
1998	0	0	0	0	0				
1999	0	0	0	0	0				
2000	0	0	0	0	0				
2001	0	0	0	0	0				
2002	0	0	0	0	0				
2003	0	0	0	0	0				
2004	0	0	0	0	0				
2005	0	0	0	0	0				
2006	0	0	0	0	0				
2007	0	0	0	0	0				
2007	0	1	0	0	0				
2009	0	0	0	0	0				
2010	0	0	0	0	0				
2010	0	0	0	0	0				
2012	0	0	0	0	0				
2012	0	0	0	0	0				
2013	0	0	0	0	0				
2014	0	0	0	0	0				
2015	0	0	0	0	0				
2016	0	0	0	0	0				
					0				
Grand Totals	0	20	0	0	0				
Totals for Model Year 1968 - 1995	0	16	0	0	0				
Totals for Model Year 1996 - Newest	0	4	0	0	0				

### SIP REQUIREMENTS

The SIP requirements are identical for both Clark and Washoe counties:

#### §51.365 DATA COLLECTION

Vehicle test data storage and retrieval methods are enumerated. Test data include: inspection station and inspector identification; test record number; date of test; model year of vehicle; number of cylinders; odometer reading; category (initial test or retest); fuel type; vehicle preconditioning; tailpipe emissions as compared to standards for HC and CO; and visual inspection for tampering. Test results are expressed as either pass or fail. Information on the calibration check must be stored automatically by each analyzer.

## §51.366 DATA ANALYSIS AND REPORTING

Data analysis and reporting are the responsibility of the DMV as mandated by NRS 445B.765 and 445B.810. The Nevada Division of Environmental Protection will assist the Department of Motor Vehicles (DMV) in submitting the annual report to the USEPA. The report will contain data analysis prepared by the DMV. A quality assurance report that provides basic statistics on the testing program for January through December of the previous year shall be submitted to the USEPA by July of each year as required by CFR Part 51.366.

The data report will include: a summary of types of tests and vehicles tested; failure rates including initial tests; retests and tailpipe emissions; and waiver rates for vehicle types and model years. Statistics will be used to help verify quality assurance and quality control for testing and enforcement. Procedures and regulations will be evaluated in the reports and subsequent measures will be taken to correct significant problems or weaknesses that may be revealed.

#### LEGISLATIVE ISSUES ADDRESSED DURING CALENDAR YEAR 2016

In 2016, the Nevada Legislature approved the amendment of § 2 of <u>NAC 445B.5915</u>. The amendment of this regulation requires the proof of compliance or waiver from compliance to be issued not more than ninety calendar days before the date the owner of the motor vehicle submits his or her application for registration or renewal of registration.