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**Nevada's
Motor Vehicle
Emission Control Program**

Statistical Review For 2002

**Nevada Department of Motor Vehicles
Advisory Committee For Vehicle Emissions
Meeting
January 30, 2003
Reno, Nevada**

During the year 2002 there were just under one million gasoline vehicles inspected for emissions in Nevada

The overall failure rates for:

Clark County is 5.6%

Washoe County is 6.9%

**Clark County
Inspection Overview**

Inspection Type	Pass	Fall	Total	% Fall
Initial Inspections	688,600	38,822	727,422	5.3%
Re-Inspections	44,553	4,683	49,436	9.5%
Total	733,153	43,505	776,658	5.6%

**Washoe County
Inspection Overview**

Inspection Type	Pass	Fail	Total	% Fail
Initial Inspections	192,760	12,922	205,682	6.3%
Re-Inspection	13,417	2,408	15,825	15.2%
Total	206,177	15,330	221,507	6.9%

For 2002 in Clark County, a total of:

27,047 vehicles failed for carbon monoxide emission levels

25,536 vehicles failed for hydrocarbon emission levels

6,748 vehicles failed for tampering of emission devices or gas cap

3292 vehicles failed for visible exhaust smoke or crankcase blow-by

For 2002 in Washoe County, a total of:

**10,131 vehicles failed for carbon
monoxide emission levels**

**8,815 vehicles failed for hydrocarbon
emission levels**

**1,345 vehicles failed for tampering of
emission devices or gas cap**

**958 vehicles failed for visible exhaust
smoke or crankcase blow-by**

WAIVERS GRANTED

Washoe

Self-Repair 256 @ \$201.30 ave

Shop Repair 261 @ \$248.70 ave

Clark

Shop Repair 37 @ \$1,108.34 ave

**Certified On-Board Diagnostics
OBDII**

Advisory testing of OBDII equipped vehicles started April 2002 in the Reno/Sparks area.

Advisory testing of OBDII equipped vehicles started in Las Vegas May 2002.

Washoe County				Clark County			
Vehicle Year	Total Tests	Overall Failures	Overall % Fail	Vehicle Year	Total Tests	Overall Failures	Overall % Fail
2003	1	0	0.0%	2003	7	0	0.0%
2002	158	7	4.4%	2002	486	27	5.6%
2001	1,912	70	3.7%	2001	8,493	223	2.6%
2000	4,393	94	2.1%	2000	20,756	409	2.0%
1999	4,015	106	2.6%	1999	17,564	439	2.5%
1998	3,766	105	2.8%	1998	15,698	407	2.6%
1997	3,635	170	4.7%	1997	14,784	514	3.5%
1996	3,243	215	6.6%	1996	12,564	741	5.9%
TOTAL	21,123	767	3.6%	TOTAL	90,352	2,760	3.1%

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**READINESS MONITORS
NOT READY**

FUEL DELIVERY SYSTEM:	17
COMPREHENSIVE COMP:	22
CATALYTIC CONVERTER:	1,952
HEATED CATALYSTS SY:	0
EVAPORTATIVE SYSTEM:	1,663
SECONDARY AIR:	127
OXYGEN SENSOR:	1,086
OXYGEN SENSOR HEATER:	727
EGR:	802
MISFIRE:	3
AIR COND:	17

AS OF 1/21/03

**CAUSES FOR FAILURES ON VEHICLES
EQUIPPED WITH ON-BOARD DIAGNOSTICS II**

**MALFUNCTION INDICATOR LAMP BULB FAILS TO
ILLUMINATE**

**MALFUNCTION INDICATOR LAMP LIT OR
COMMANDED ON FOR ANY DATA TROUBLE CODE**

**DATA LINK CONNECTOR MISSING, TAMPERED OR
INOPERABLE**

A FEW VEHICLE
MODELS
HAVE PROBLEMS WITH
"READINESS"
FOR THEIR MONITORS.

A FEW VEHICLES HAVE THEIR MIL
LIGHTS TURN ON WHEN A SCANNER
IS CONNECTED TO THE DLC

**MOST OF THE PROBLEM VEHICLE
INFORMATION CAN BE FOUND ON
THE CALIFORNIA BUREAU OF
AUTOMOTIVE REPAIR WEBSITE**

<http://www.smogcheck.ca.gov>

Quarterly Reports

- Overall Fail Rates for OBDII vehicles
- MIL Light On
- Trouble Code Summary
- Rejected monitor information
- Communication related fails
- DLC Tampering Information

Clean Air Bulletins

- Check DMV Web Site for emissions

- <http://www.nvdmv.com/emission.htm>

“Newsletters”