

Executive Summary Report

SMOG CHECK Statewide **

July 2014

1. Testing Volume

	All Tests	Failed	Percent (%) Failed
Initial Test	880,139	99,434	11.30%
Total	992,448	124,344	12.53%

2. Certification Volume

	Certificates Issued	Percent (%) Certificates Issued	No Certificates Issued	Percent (%) No Certificates Issued
Initial Test	773,659	87.90%	106,480	12.10%
Total	859,102	86.56%	133,346	13.44%

3. Certification Volume by Station Type*

Station Types	Certificates Issued on Initial Test	Percent (%) Certificates Issued	No Certificates Issued on Initial Test	Percent (%) No Certificates Issued
STAR Test Only	371,494	86.48%	58,055	13.52%
Non-STAR Test Only	33,700	91.36%	3,187	8.64%
STAR Test and Repair	205,820	87.64%	29,027	12.36%
Non-STAR Test and Repair	158,371	92.36%	13,095	7.64%
Total	769,385	88.16%	103,364	11.84%

*Note: Excludes Basic area dealer, Fleets, and Referee stations

4. Initial Test Failures by Failure Type

	Failed	Percent (%) Failed
Gross Polluters	10,137	1.15%
All Emissions	45,175	5.13%
All Visual	18,457	2.10%
All Functional	61,326	6.97%
OBDII	40,678	4.62%
Overall	99,434	11.30%

7. Initial Test Failures by Program Area

Program Areas	Initial Tests	Failed	Percent (%) Failed	Gross Polluters	Percent (%) Gross Polluters
Enhanced	699,220	83,179	11.90%	8,180	1.17%
Partial	46,768	5,522	11.81%	589	1.26%
Basic	83,027	6,486	7.81%	811	0.98%
Change of Ownership	5,520	707	12.81%	137	2.48%
No Program	7	0	0.00%	0	0.00%
Unknown	45,597	3,540	7.76%	420	0.92%
Total Program Area	880,139	99,434	11.30%	10,137	1.15%

8. Initial Test Failures by Station Type

Station Types	Initial Tests	Failed	Percent (%) Failed	Gross Polluters	Percent (%) Gross Polluters
STAR Test Only	429,549	57,244	13.33%	5,878	1.37%
Non-STAR Test Only	36,887	2,977	8.07%	229	0.62%
STAR Test and Repair	234,847	28,027	11.93%	2,924	1.25%
Non-STAR Test and Repair	171,466	10,582	6.17%	1,018	0.59%
Test Only Temp	0	0	0.00%	0	0.00%
Test and Repair/Dealer	4,084	107	2.62%	9	0.22%
Business Fleet	5	0	0.00%	0	0.00%
Permanent Fleet Registered	53	1	1.89%	0	0.00%
Referee	550	247	44.91%	36	6.55%
Government Fleet	2,697	249	9.23%	43	1.59%
Repair Only	0	0	0.00%	0	0.00%
Unknown Privilege	1	0	0.00%	0	0.00%
Total	880,139	99,434	11.30%	10,137	1.15%

5. Initial Tests at All Test-Only Stations

Vehicles	STAR Station Initial Tests	Non-STAR Station Initial Tests	STAR Station Certificates Issued	Non-STAR Station Certificates Issued
Directed	192,397	273	153,467	82
Non-Directed	237,152	36,614	218,027	33,618
Total	429,549	36,887	371,494	33,700

6. Initial Tests at All Test and Repair Stations

Vehicles	STAR Station Initial Tests	Non-STAR Station Initial Tests	STAR Station Certificates Issued	Non-STAR Station Certificates Issued
Directed	78,568	860	62,437	62
Non-Directed	156,279	170,606	143,383	158,309
Total	234,847	171,466	205,820	158,371

** BAR-97 data only. OBD Inspection System (OIS) data are not included in this report

Executive Summary Report

SMOG CHECK Statewide**

July 2014

9. Number of Stations by Type/Privilege and Program Area

Station Type	Basic	Change of Ownership	Enhanced	Partial	Total
STAR Regular Test and Repair CAP Enhanced	0	0	2,010	92	2,102
STAR Regular Test and Repair CAP Basic	139	0	0	0	139
STAR Regular Test and Repair CAP COO	0	68	0	0	68
STAR Test Only	15	0	1,876	28	1,919
Non-STAR Regular Test and Repair	475	37	2,188	230	2,930
Non-STAR Test Only	15	1	451	13	480
Repair Only	3	1	70	1	75
Basic Area Dealer	77	0	0	0	77
Business Fleet	0	0	3	0	3
Permanent Fleet Registered	4	0	15	1	20
Referee	6	1	36	0	43
Government Fleet	37	2	254	9	302
Unknown Type	0	0	0	0	0
Total	771	110	6,903	374	8,158

Executive Summary Report

SMOG CHECK Statewide**

July 2014

10. Initial Tests by Vehicle Model Year

Model Year	Initial Tests	Failed Overall	Percent (%) Failed Overall	Percent (%) Failed Emissions	Percent (%) Failed Gross Polluters	Percent (%) Failed Functional	Percent (%) Failed Visual	Percent (%) Failed OBDII
1960	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1963	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1976	748	232	31.02%	20.86%	9.36%	16.71%	11.23%	0.00%
1977	1022	320	31.31%	19.96%	8.12%	17.22%	9.59%	0.00%
1978	1140	387	33.95%	21.23%	8.25%	19.12%	11.49%	0.00%
1979	1205	402	33.36%	22.82%	9.38%	16.35%	9.79%	0.00%
1980	738	241	32.66%	20.19%	10.43%	18.43%	12.20%	0.00%
1981	801	309	38.58%	26.47%	10.49%	21.97%	12.73%	0.00%
1982	889	314	35.32%	25.65%	11.47%	19.12%	10.57%	0.00%
1983	1,333	421	31.58%	22.73%	8.85%	15.45%	10.58%	0.00%
1984	2,091	744	35.58%	27.31%	10.76%	17.50%	10.76%	0.00%
1985	3,023	1,015	33.58%	24.78%	9.43%	16.84%	8.07%	0.00%
1986	4,246	1,328	31.28%	21.83%	9.21%	16.16%	8.38%	0.00%
1987	4,557	1,456	31.95%	23.02%	8.21%	15.40%	8.27%	0.00%
1988	5,831	1,795	30.78%	22.50%	7.91%	15.28%	7.20%	0.00%
1989	7,862	2,341	29.78%	20.95%	5.76%	14.46%	6.77%	0.00%
1990	9,971	2,790	27.98%	19.88%	5.37%	13.51%	5.45%	0.00%
1991	12,399	3,423	27.61%	19.70%	5.23%	13.26%	5.25%	0.00%
1992	12,679	3,585	28.28%	20.35%	5.68%	12.75%	5.31%	0.00%
1993	15,650	4,689	29.96%	21.99%	4.67%	13.03%	5.47%	0.00%
1994	21,844	5,843	26.75%	19.14%	3.53%	11.53%	5.08%	0.00%
1995	22,402	6,040	26.96%	19.35%	3.49%	11.05%	5.13%	0.00%
1996	29,694	6,054	20.39%	10.76%	1.52%	11.12%	3.58%	9.32%
1997	31,021	6,154	19.84%	9.66%	1.50%	11.74%	3.43%	9.81%
1998	48,264	7,275	15.07%	6.36%	1.04%	9.17%	2.85%	7.89%
1999	42,359	5,892	13.91%	4.63%	0.77%	9.51%	2.58%	8.54%
2000	68,255	7,247	10.62%	3.00%	0.53%	7.56%	1.92%	6.98%
2001	38,982	5,164	13.25%	2.70%	0.48%	10.77%	2.04%	10.43%
2002	80,514	7,179	8.92%	1.50%	0.33%	7.15%	1.48%	6.89%
2003	37,801	3,259	8.62%	1.70%	0.34%	6.85%	1.52%	6.60%
2004	91,469	5,000	5.47%	0.77%	0.17%	4.49%	0.80%	4.34%
2005	35,935	2,003	5.57%	0.96%	0.15%	4.40%	0.95%	4.27%
2006	94,008	3,345	3.56%	0.51%	0.07%	2.86%	0.50%	2.80%
2007	27,855	851	3.06%	0.45%	0.06%	2.44%	0.46%	2.33%
2008	79,303	1,723	2.17%	0.29%	0.04%	1.68%	0.34%	1.65%
2009	8,840	144	1.63%	0.35%	0.03%	1.32%	0.12%	1.27%
2010	10,510	157	1.49%	0.33%	0.04%	1.15%	0.18%	1.13%
2011	7,215	85	1.18%	0.29%	0.03%	0.93%	0.06%	0.91%
2012	7,968	88	1.10%	0.34%	0.01%	0.93%	0.08%	0.89%
2013	6,462	85	1.32%	0.22%	0.02%	1.10%	0.06%	1.02%
2014	3,066	45	1.47%	0.33%	0.00%	1.21%	0.16%	1.14%
2015	185	9	4.86%	0.00%	0.00%	4.86%	0.00%	4.86%
All Model Years	880,139	99,434	11.30%	5.13%	1.15%	6.97%	2.10%	4.62%

Executive Summary Report

SMOG CHECK Statewide**

July 2014

11. Referee Activity

	Certificates Issued
Certificate of Compliance	547
Certificate of Non Compliance	0
Parts Cost	49
Hardship Extensions	0
Exempt Vehicle	38
Exempted by Directive	2
Parts Exemption	8
Unknown Outcome	0
Permanently Exempt Vehicle	0
Temporarily Exempt Vehicle	0
Total	644

12. Active Stations

	Station Count
Licensed Stations that did not Conduct a Test	1,205
Stations Locked-Out at Least Once	841
Stations Conducted at Least One Test	6,953

13. Active Technicians

License Type	Technician Count
EA (Test and Repair Enhanced)	201
EB (Test and Repair Basic)	5
EI (Repair Only)	1
EO (Test Only)	1,889
EO (Test and Repair)	8,444

14. Inspection Costs

	ASM Initial Test Count	Avg ASM Inspection Cost	TSI Initial Test Count	Avg TSI Inspection Cost	Total Initial Tests	Overall Average Inspection Cost
STAR Test and Repair	176,282	46.14	51,813	46.69	228,095	46.27
STAR Test Only	359,380	46.55	60,040	47.32	419,420	46.66
Non-STAR Test and Repair	92,179	50.44	71,477	46.41	163,656	48.68
Non-STAR Test Only	25,904	43.15	9,316	37.54	35,220	41.67
Test and Repair/Dealer	14	30.76	3,778	55.31	3,792	55.22
Test Only Temp	0	0	0	0	0	0
Total	653,759	46.86	196,424	46.51	850,183	46.78

Executive Summary Report

SMOG CHECK Statewide**

July 2014

15. Repair Costs

Repair Station Type	All Cost Ranges	Repair Count	Average Cost	(All Cost Ranges) Repair Count	(All Cost Ranges) Average Cost
STAR Repairs (Test and Repair, Non-CAP)	\$1-50	2,400	24.61	10,597	302.02
	\$51-150	2,064	101.4		
	\$151-250	1,569	203.56		
	\$251-450	2,258	344.77		
	Over \$450	2,306	795.46		
Non-STAR Repairs (Test and Repair)	\$1-50	1,089	22.24	4,046	263.95
	\$51-150	961	101.18		
	\$151-250	615	200.58		
	\$251-450	744	336.07		
	Over \$450	637	899.65		
Repair Only	\$1-50	0	0	0	0.00
	\$51-150	0	0		
	\$151-250	0	0		
	\$251-450	0	0		
	Over \$450	0	0		
CAP Repairs	\$1-50	37	20.19	752	411.72
	\$51-150	61	100.36		
	\$151-250	76	202.5		
	\$251-450	226	359.15		
	Over \$450	352	585.75		
Total Repairs	\$1-50	3,526	23.83	15,395	297.37
	\$51-150	3,086	101.31		
	\$151-250	2,260	202.71		
	\$251-450	3,228	343.77		
	Over \$450	3,295	793.2		

16. CAP Repair Costs

	Total Vehicles	Average Repair Cost
CAP Repairs	756	391.74