

Appendices

Appendix A

Table A-1: Registered Vehicles* in New York State
(Based on Data Collected from 1/1/2007 to 12/31/2007)

Vehicle Model Year	New York Metropolitan Area (9 Counties)								Upstate New York (53 Counties)							
	Total Vehicles	MYR Distribution	Gasoline Light Duty	Powered** Heavy Duty	Diesel Light Duty	Powered** Heavy Duty	Other Fuels*** Light Duty	Heavy Duty	Total Vehicles	MYR Distribution	Gasoline Light Duty	Powered** Heavy Duty	Diesel Light Duty	Powered** Heavy Duty	Other Fuels*** Light Duty	Heavy Duty
Pre-1982	80,663	1.87%	60,150	9,506	5,756	3,011	1,781	459	116,089	2.47%	88,659	12,997	2,254	9,021	2,116	1,042
1982	5,433	0.13%	3,672	451	674	540	70	26	6,723	0.14%	4,495	727	566	811	86	38
1983	6,336	0.15%	4,552	456	801	447	44	36	8,389	0.18%	5,754	801	852	850	90	42
1984	9,737	0.23%	7,456	674	803	715	51	38	13,421	0.29%	9,633	1,272	971	1,379	111	55
1985	14,026	0.33%	10,695	1,035	1,050	1,056	89	101	16,853	0.36%	12,392	1,466	979	1,815	117	84
1986	18,193	0.42%	14,690	1,263	681	1,419	101	39	21,294	0.45%	16,144	1,812	1,058	2,074	123	83
1987	24,784	0.58%	21,091	1,288	627	1,630	94	54	26,967	0.57%	21,215	2,032	1,201	2,266	154	99
1988	29,597	0.69%	25,857	1,431	350	1,801	116	42	35,585	0.76%	29,060	2,631	794	2,828	130	142
1989	37,698	0.88%	34,243	1,155	391	1,722	119	68	41,691	0.89%	35,494	2,149	900	2,870	164	114
1990	47,697	1.11%	43,876	1,074	700	1,852	120	75	47,316	1.01%	41,062	1,774	1,224	2,904	187	165
1991	54,697	1.27%	51,614	703	516	1,714	96	54	54,907	1.17%	49,537	1,592	1,049	2,506	155	68
1992	68,803	1.60%	66,105	619	442	1,461	99	77	72,729	1.55%	67,634	1,493	1,001	2,162	235	204
1993	93,076	2.16%	89,049	810	1,213	1,808	121	75	99,659	2.12%	93,263	1,993	1,417	2,721	155	110
1994	112,307	2.61%	107,584	1,183	818	2,583	98	41	132,720	2.82%	125,143	2,703	1,350	3,145	217	162
1995	152,995	3.55%	145,963	1,862	1,101	3,793	202	74	180,360	3.83%	169,889	3,865	1,863	4,385	238	120
1996	150,836	3.50%	145,013	1,291	1,477	2,881	130	44	175,295	3.73%	166,013	3,266	1,872	3,813	232	99
1997	192,487	4.47%	184,604	2,431	1,357	3,755	254	86	225,731	4.80%	213,801	4,510	2,248	4,775	282	115
1998	213,162	4.95%	206,247	1,851	1,335	3,349	318	62	251,749	5.35%	241,615	3,576	2,000	3,962	457	139
1999	248,820	5.78%	236,919	3,462	2,354	5,570	414	101	286,042	6.08%	269,797	5,688	3,212	6,537	548	260
2000	276,684	6.43%	263,835	4,115	1,456	6,710	458	110	324,470	6.90%	307,498	6,498	2,892	6,691	649	242
2001	274,011	6.36%	262,268	4,059	1,557	5,671	346	110	304,692	6.48%	286,909	7,509	3,234	6,198	612	230
2002	284,659	6.61%	272,778	4,208	1,848	5,176	506	143	334,335	7.11%	316,627	6,836	3,647	6,246	794	185
2003	315,210	7.32%	302,061	5,032	1,976	5,371	557	213	354,666	7.54%	335,227	8,660	3,739	6,193	560	287
2004	304,793	7.08%	291,845	4,807	1,419	6,005	628	89	348,498	7.41%	328,157	9,420	3,239	6,792	594	296
2005	357,019	8.29%	343,313	5,103	1,666	6,261	560	116	382,683	8.14%	360,563	10,015	3,184	8,114	611	196
2006	359,381	8.35%	343,344	6,065	2,019	7,192	644	117	340,435	7.24%	316,586	9,711	3,214	9,619	1,086	219
2007	425,609	9.88%	412,812	3,753	1,149	7,237	567	91	363,148	7.72%	342,914	7,348	2,606	9,030	1,051	199
2008	147,289	3.42%	143,571	1,380	409	1,762	137	30	137,346	2.92%	127,607	3,937	1,701	3,529	483	89
Total	4,306,002	100.00%	4,095,207	71,067	35,945	92,492	8,720	2,571	4,703,793	100.00%	4,382,688	126,281	54,267	123,236	12,237	5,084
% of Total			95.10%	1.65%	0.83%	2.15%	0.20%	0.06%			93.17%	2.68%	1.15%	2.62%	0.26%	0.11%

* Excluding vehicle types exempted from DMV/DEC I/M Program.

** Including Hybrid Vehicles.

*** Including CNG, Propane, Flex-Fueled, and Electric Vehicles.

Appendix A

Table A-2: Emissions Tested Vehicles in New York State

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Model Year	NYMA									Upstate				TLC Taxi in New York City			
	Total Vehicles	MYR Distribution	OBD II Inspected LDVs	OBD II Inspected LDTs	Transient Tested LDVs	Transient Tested LDTs	LDVs	Idle Tested LDTs	HDVs	Total Vehicles	MYR Distribution	OBD II Inspected LDVs	OBD II Inspected LDTs	Total Vehicles	MYR Distribution	OBD II Inspected LDVs	OBD II Inspected LDTs
1982	1,066	0.03%			687	149	32	26	172								
1983	3,597	0.10%			2,599	529	127	93	249								
1984	6,525	0.18%			4,605	924	183	161	652								
1985	9,917	0.27%			6,936	1,480	268	300	933								
1986	14,818	0.40%			10,255	2,563	380	486	1,134								
1987	21,851	0.60%			15,363	4,056	513	663	1,256								
1988	27,673	0.75%			18,406	6,105	608	973	1,581								
1989	37,815	1.03%			26,788	7,645	855	1,224	1,303								
1990	49,823	1.36%			37,978	7,936	1,418	1,343	1,148								
1991	58,230	1.59%			43,041	10,203	1,883	2,167	936								
1992	75,692	2.06%			56,649	12,856	2,674	2,555	958								
1993	100,177	2.73%			69,162	20,611	3,513	5,655	1,236								
1994	121,886	3.32%			78,607	28,287	4,097	8,757	2,138								
1995	164,742	4.49%			100,429	43,443	6,639	11,003	3,228								
1996	166,645	4.54%	107,594	56,942					2,109	183,475	5.71%	112,844	70,631				
1997	208,938	5.69%	133,002	73,044					2,892	234,161	7.29%	139,778	94,383				
1998	241,687	6.59%	148,758	90,619					2,310	269,977	8.40%	150,731	119,246				
1999	271,447	7.40%	166,821	100,918					3,708	298,196	9.28%	169,731	128,465				
2000	315,244	8.59%	197,524	113,324					4,396	345,077	10.74%	194,923	150,154				
2001	297,034	8.10%	181,416	111,292					4,326	317,731	9.89%	182,676	135,055	13	0.09%	11	2
2002	324,146	8.83%	185,774	134,375					3,997	361,388	11.25%	193,768	167,620	264	1.80%	226	38
2003	349,648	9.53%	202,701	142,861					4,086	378,605	11.78%	197,651	180,954	2,339	15.91%	2,274	65
2004	388,086	10.58%	200,623	183,770					3,693	396,987	12.36%	191,440	205,547	2,620	17.82%	2,260	360
2005	412,456	11.24%	217,287	192,149					3,020	427,018	13.29%	205,229	221,789	3,822	26.00%	3,236	586
2006														2,650	18.02%	2,130	520
2007														2,287	15.56%	1,903	384
2008														707	4.81%	476	231
Total	3,669,143	100.00%	1,741,500	1,199,294	471,505	146,787	23,190	35,406	51,461	3,212,615	100.00%	1,738,771	1,473,844	14,702	100.00%	12,516	2,186
% of Total			47.46%	32.69%	12.85%	4.00%	0.63%	0.96%	1.40%			54.12%	45.88%			85.13%	14.87%

Appendix B

Table B-1-a-i : Summary of NYMA OBD II Inspection Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Vehicles

Model Year	Total Vehicles	----- Initial Test -----			----- Final Test -----		Rec'd Waiver	Waiver Rate	Outcome Unknown	% of Sample	MIL Command		MIL Command		----- Passed OBD II -----		----- Failed OBDII -----	
		Passed	Failed	% Failed	Passed	Failed					No DTC	With DTC	Not On	With DTC	Passed Gas Cap	Failed Gas Cap	Passed Gas Cap	Failed Gas Cap
1996	107,594	96,819	10,775	10.01%	8,532	383	598	5.55%	1,645	1.53%		5,172	101,798		96,789	30	567	
1997	133,002	120,356	12,646	9.51%	10,333	404	674	5.33%	1,639	1.23%		5,378	126,983		120,326	30	877	2
1998	148,758	136,749	12,009	8.07%	10,082	294	563	4.69%	1,364	0.92%		5,043	143,068		136,714	35	1,083	4
1999	166,821	154,366	12,455	7.47%	10,570	298	584	4.69%	1,301	0.78%		4,911	161,155		154,324	42	866	
2000	197,524	184,001	13,523	6.85%	11,636	243	582	4.30%	1,305	0.66%		5,197	191,404		183,949	52	884	3
2001	181,416	166,586	14,830	8.17%	12,835	400	597	4.03%	1,398	0.77%		4,129	176,544		166,532	54	755	
2002	185,774	175,859	9,915	5.34%	8,833	211	257	2.59%	825	0.44%		2,454	182,730		175,798	61	542	
2003	202,701	193,414	9,287	4.58%	8,489	169	144	1.55%	654	0.32%		1,811	200,238		193,362	52	486	
2004	200,623	192,327	8,296	4.14%	7,644	143	61	0.74%	591	0.29%		1,197	198,724		192,269	58	337	
2005	217,287	211,796	5,491	2.53%	5,091	60	22	0.40%	378	0.17%		934	215,454		211,726	70	243	
Total	1,741,500	1,632,273	109,227	6.27%	94,045	2,605	4,082	3.74%	11,100	0.64%	0	36,226	1,698,098	0	1,631,789	484	6,640	9

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Appendix B

Table B-1-a-ii : Summary of NYMA OBD II Readiness Status Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Vehicles

Model Year	Total Vehicles	Comprehensive Comp.		Misfire		Fuel Control		Catalyst		O2 Sensor		EGR	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
1996	107,594	1	0.001%					28,860	26.845%	14,029	13.045%	12,766	13.370%
1997	133,002	2	0.002%					24,189	18.209%	11,798	8.874%	10,270	9.334%
1998	148,758					3	0.002%	21,138	14.238%	10,141	6.821%	7,729	6.925%
1999	166,821	130	0.078%	15	0.009%	133	0.080%	18,914	11.359%	8,765	5.258%	6,302	5.377%
2000	197,524	1,084	0.580%	48	0.026%	152	0.081%	21,640	10.963%	10,924	5.533%	5,505	4.215%
2001	181,416	242	0.134%	75	0.041%	386	0.213%	13,963	7.704%	7,614	4.200%	4,010	3.698%
2002	185,774	366	0.197%	45	0.024%	225	0.121%	8,546	4.605%	5,417	2.919%	2,326	2.620%
2003	202,701	414	0.204%	68	0.034%	621	0.307%	8,474	4.186%	5,575	2.754%	2,319	2.560%
2004	200,623	358	0.179%	23	0.011%	80	0.040%	7,362	3.675%	5,048	2.519%	1,881	2.112%
2005	217,287	391	0.180%	23	0.011%	37	0.017%	5,508	2.537%	4,553	2.097%	1,337	1.423%
Total	1,741,500	2,988	0.173%	297	0.017%	1,637	0.095%	158,594	9.118%	83,864	4.819%	54,445	5.257%

Model Year	Total Vehicles	Evaporative Systems		Heated Catalyst		O2 Sensor Heater		Secondary Air Injection		Air Conditioning	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
1996	107,594	9,884	20.744%			6,179	6.285%	1,372	16.713%		
1997	133,002	18,576	21.017%			7,531	5.681%	1,767	11.841%		
1998	148,758	24,371	17.105%	1	0.159%	6,696	4.513%	2,623	14.983%	1	0.158%
1999	166,821	23,938	14.753%	2	0.266%	4,500	2.704%	1,360	5.893%		
2000	197,524	27,180	14.046%	3	0.324%	5,029	2.565%	2,310	5.098%		
2001	181,416	19,893	11.096%	3	0.399%	3,899	2.167%	2,047	5.597%	2	0.273%
2002	185,774	13,075	7.080%	1	0.175%	2,436	1.336%	1,393	3.748%		
2003	202,701	15,485	7.673%			2,305	1.168%	1,187	3.536%		
2004	200,623	12,710	6.354%			1,647	0.837%	1,086	3.006%		
2005	217,287	9,534	4.398%	1	0.115%	1,475	0.749%	731	2.310%	1	0.064%
Total	1,741,500	174,646	10.802%	11	0.155%	41,697	2.460%	15,876	5.588%	4	0.050%

NOTE: % (Not Ready) = Not Ready / (Total Vehicles - Unsupported)*100.0.

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Appendix B

Table B-1-b-i: Summary of NYMA OBD II Inspection Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Trucks

Model Year	Total Vehicles	----- Initial Test -----			----- Final Test -----		Rec'd Waiver	Waiver Rate	Outcome Unknown	% of Sample	MIL Command ----- On -----		MIL Command ----- Not On -----		----- Passed OBD II -----		----- Failed OBDII -----	
		Passed	Failed	% Failed	Passed	Failed					No DTC	With DTC	No DTC	With DTC	Passed Gas Cap	Failed Gas Cap	Passed Gas Cap	Failed Gas Cap
1996	56,942	49,221	7,721	13.56%	6,183	260	394	5.10%	1,144	2.01%		3,923	52,674	49,201	20	235		
1997	73,044	63,921	9,123	12.49%	7,317	302	504	5.52%	1,302	1.78%		4,095	68,508	63,901	20	580		
1998	90,619	81,147	9,472	10.45%	7,749	279	509	5.37%	1,214	1.34%		3,956	86,267	81,122	25	601		1
1999	100,918	92,723	8,195	8.12%	6,887	202	400	4.88%	908	0.90%		3,123	97,334	92,689	34	392		
2000	113,324	105,272	8,052	7.11%	6,929	167	353	4.38%	770	0.68%		2,854	109,969	105,248	24	480		1
2001	111,292	99,936	11,356	10.20%	9,582	402	487	4.29%	1,287	1.16%		3,157	107,667	99,908	28	825		
2002	134,375	124,974	9,401	7.00%	8,167	244	272	2.89%	962	0.72%		2,351	131,562	124,932	42	690		
2003	142,861	135,472	7,389	5.17%	6,550	188	104	1.41%	735	0.51%		1,362	140,993	135,433	39	478		
2004	183,770	176,343	7,427	4.04%	6,834	108	62	0.83%	531	0.29%		971	182,069	176,297	46	264		
2005	192,149	187,322	4,827	2.51%	4,479	43	27	0.56%	321	0.17%		883	190,348	187,258	64	328		2
Total	1,199,294	1,116,331	82,963	6.92%	70,677	2,195	3,112	3.75%	9,174	0.76%	0	26,675	1,167,391	0	1,115,989	342	4,873	4

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Appendix B

Table B-1-b-ii: Summary of NYMA OBD II Readiness Status Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Trucks

Model Year	Total Vehicles	Comprehensive Comp.		Misfire		Fuel Control		Catalyst		O2 Sensor		EGR	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
1996	56,942	1	0.002%					16,404	28.957%	4,227	7.428%	5,197	12.181%
1997	73,044							20,771	28.595%	5,769	7.903%	5,320	9.734%
1998	90,619					1	0.001%	17,710	19.633%	5,622	6.206%	5,604	8.468%
1999	100,918					1	0.001%	14,891	14.865%	5,422	5.374%	4,494	6.313%
2000	113,324	11	0.010%	1	0.001%	12	0.011%	11,439	10.159%	5,570	4.917%	3,764	5.041%
2001	111,292	7	0.006%	3	0.003%	27	0.024%	9,439	8.558%	5,330	4.796%	3,309	5.495%
2002	134,375	5	0.004%	4	0.003%	27	0.020%	7,436	5.580%	4,845	3.609%	1,735	3.302%
2003	142,861		0.000%	15	0.011%	84	0.059%	5,672	4.006%	4,143	2.917%	1,113	2.153%
2004	183,770	38	0.021%	8	0.004%	34	0.019%	5,781	3.150%	4,725	2.574%	1,392	2.067%
2005	192,149	5	0.003%	4	0.002%	1	0.001%	4,593	2.404%	3,738	1.956%	1,122	1.494%
Total	1,199,294	67	0.004%	35	0.003%	187	0.016%	114,136	9.575%	49,391	4.127%	33,050	5.363%

Model Year	Total Vehicles	Evaporative Systems		Heated Catalyst		O2 Sensor Heater		Secondary Air Injection		Air Conditioning	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
1996	56,942	4,842	21.189%			5,737	10.263%	343	15.184%		
1997	73,044	11,304	22.446%			5,957	8.387%	18	1.972%		
1998	90,619	16,010	20.493%			5,572	6.163%	120	5.512%		
1999	100,918	18,286	20.347%			4,942	4.906%	671	11.595%		
2000	113,324	16,607	15.806%	1	0.204%	4,760	4.206%	1,038	9.112%		
2001	111,292	15,152	13.867%			4,319	3.912%	1,031	9.652%		
2002	134,375	14,435	10.879%			3,814	2.877%	362	4.141%		
2003	142,861	14,298	10.104%			2,369	1.718%	193	2.655%		
2004	183,770	13,394	7.305%			1,618	0.891%	415	2.665%		
2005	192,149	8,187	4.287%			2,687	1.472%	306	1.613%		
Total	1,199,294	132,515	12.003%	1	0.020%	41,775	3.551%	4,497	5.368%	0	

NOTE: % (Not Ready) = Not Ready / (Total Vehicles - Unsupported)*100.0.

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Appendix B

Table B-2-a-i: Summary of Upstate OBD II Inspection Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Vehicles

Model Year	Total Vehicles	----- Initial Test -----			----- Final Test -----		Rec'd Waiver	Waiver Rate	Outcome Unknown	% of Sample	MIL Command ----- On -----		MIL Command ----- Not On -----		----- Passed OBD II -----		----- Failed OBDII -----	
		Passed	Failed	% Failed	Passed	Failed					No DTC	With DTC	No DTC	With DTC	Passed Gas Cap	Failed Gas Cap	Passed Gas Cap	Failed Gas Cap
1996	112,844	102,806	10,038	8.90%	7,740	474	378	3.77%	1,920	1.70%		4,685	107,588		102,784	22	565	1
1997	139,778	127,556	12,222	8.74%	9,922	419	489	4.00%	1,811	1.30%		4,905	134,368		127,522	34	1,108	4
1998	150,731	139,710	11,021	7.31%	9,264	316	438	3.97%	1,319	0.88%		3,954	146,336		139,690	20	1,234	7
1999	169,731	158,793	10,938	6.44%	9,437	269	396	3.62%	1,105	0.65%		3,488	165,742		158,762	31	1,131	2
2000	194,923	183,779	11,144	5.72%	9,787	211	373	3.35%	984	0.50%		3,446	190,851		183,749	30	1,098	3
2001	182,676	170,687	11,989	6.56%	10,560	264	478	3.99%	951	0.52%		2,852	179,325		170,660	27	918	1
2002	193,768	185,036	8,732	4.51%	7,921	139	245	2.81%	566	0.29%		2,010	191,361		185,007	29	729	2
2003	197,651	190,670	6,981	3.53%	6,484	90	91	1.30%	406	0.21%		1,296	195,954		190,642	28	478	3
2004	191,440	185,908	5,532	2.89%	5,239	43	39	0.70%	254	0.13%		827	190,204		185,877	31	328	2
2005	205,229	201,683	3,546	1.73%	3,356	19	14	0.39%	176	0.09%		613	204,014		201,647	36	206	1
Total	1,738,771	1,646,628	92,143	5.30%	79,710	2,244	2,941	3.19%	9,492	0.55%	0	28,076	1,705,743	0	1,646,340	288	7,795	26

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Appendix B

Table B-2-a-ii: Summary of Upstate OBD II Readiness Status Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Vehicles

Model Year	Total Vehicles	Comprehensive Comp.		Misfire		Fuel Control		Catalyst		O2 Sensor		EGR	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
1996	112,844							22,119	19.619%	13,164	11.671%	12,426	11.994%
1997	139,778							17,816	12.786%	10,946	7.835%	9,467	7.614%
1998	150,731							18,151	12.054%	8,596	5.706%	7,663	6.357%
1999	169,731	196	0.116%	33	0.019%	184	0.108%	16,352	9.646%	7,830	4.617%	6,567	5.490%
2000	194,923	546	0.320%	40	0.023%	73	0.043%	16,197	8.316%	8,172	4.195%	4,980	3.979%
2001	182,676	118	0.065%	51	0.028%	232	0.127%	10,204	5.591%	5,629	3.084%	3,369	2.907%
2002	193,768	301	0.155%	52	0.027%	223	0.115%	7,554	3.903%	4,318	2.231%	2,150	2.030%
2003	197,651	199	0.101%	63	0.032%	324	0.164%	6,066	3.073%	3,941	1.996%	2,088	2.058%
2004	191,440	198	0.103%	17	0.009%	49	0.026%	4,528	2.367%	2,997	1.567%	1,152	1.215%
2005	205,229	91	0.044%	3	0.001%	3	0.001%	3,505	1.709%	2,529	1.233%	1,032	0.976%
Total	1,738,771	1,649	0.096%	259	0.015%	1,088	0.064%	122,492	7.053%	68,122	3.921%	50894	4.556%

Model Year	Total Vehicles	Evaporative Systems		Heated Catalyst		O2 Sensor Heater		Secondary Air Injection		Air Conditioning	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
1996	112,844	8,546	24.343%			6,128	5.648%	1,077	16.215%		
1997	139,778	22,074	25.237%			8,779	6.296%	1,673	13.299%		
1998	150,731	26,925	18.463%			6,983	4.637%	2,060	14.635%		
1999	169,731	27,843	16.643%	5	0.998%	5,040	2.973%	1,153	6.190%	1	0.204%
2000	194,923	26,790	13.939%	2	0.320%	5,386	2.773%	2,869	5.117%	1	0.162%
2001	182,676	18,345	10.062%	2	0.395%	3,696	2.031%	1,735	4.685%	1	0.200%
2002	193,768	13,483	6.973%			2,408	1.284%	979	2.630%	1	0.258%
2003	197,651	11,479	5.817%			2,270	1.218%	567	2.491%	1	0.251%
2004	191,440	8819	4.611%			1,376	0.740%	536	2.672%	2	0.380%
2005	205,229	6819	3.325%			1,147	0.598%	376	1.560%	3	0.330%
Total	1,738,771	171,123	10.714%	9	0.184%	43,213	2.548%	13,025	5.227%	10	0.187%

NOTE: % (Not Ready) = Not Ready / (Total Vehicles - Unsupported)*100.0.

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Table B-2-b-i: Summary of Upstate OBD II Inspection Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Trucks

Model Year	Total Vehicles	----- Initial Test -----			----- Final Test -----		Rec'd Waiver	Waiver Rate	Outcome Unknown	% of Sample	MIL Command ----- On -----		MIL Command ----- Not On -----		----- Passed OBD II -----		----- Failed OBDII -----	
		Passed	Failed	% Failed	Passed	Failed					No DTC	With DTC	No DTC	With DTC	Passed Gas Cap	Failed Gas Cap	Passed Gas Cap	Failed Gas Cap
1996	70,631	62,707	7,924	11.22%	6,304	312	287	3.62%	1,333	1.89%	3,550	66,736	62,695	12	446			
1997	94,383	85,212	9,171	9.72%	7,490	300	368	4.01%	1,313	1.39%	3,335	90,674	85,195	17	587		1	
1998	119,246	109,243	10,003	8.39%	8,437	287	356	3.56%	1,210	1.01%	3,391	115,469	109,225	18	918		5	
1999	128,465	120,107	8,358	6.51%	7,286	166	309	3.70%	763	0.59%	2,382	125,634	120,088	19	584		1	
2000	150,154	141,679	8,475	5.64%	7,511	124	266	3.14%	698	0.46%	2,226	147,368	141,661	18	605		4	
2001	135,055	122,921	12,134	8.98%	10,631	277	471	3.88%	1,032	0.76%	2,371	132,266	122,893	28	957			
2002	167,620	158,375	9,245	5.52%	8,384	143	215	2.33%	646	0.39%	1,881	165,299	158,344	31	731			
2003	180,954	174,209	6,745	3.73%	6,178	100	83	1.23%	484	0.27%	1,067	179,430	174,181	28	554			
2004	205,547	198,805	6,742	3.28%	6,344	59	64	0.95%	334	0.16%	823	204,155	198,771	34	290			
2005	221,789	217,265	4,524	2.04%	4,298	21	22	0.49%	204	0.09%	858	220,175	217,220	45	290		1	
Total	1,473,844	1,390,523	83,321	5.65%	72,863	1,789	2,441	2.93%	8,017	0.54%	0	21,884	1,447,206	0	1,390,273	250	5,962	12

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Appendix B

Table B-2-b-ii: Summary of Upstate OBD II Readiness Status Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Trucks

Model Year	Total Vehicles	Comprehensive Comp.		Misfire		Fuel Control		Catalyst		O2 Sensor		EGR	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
1996	70,631							14,566	20.727%	5,294	7.500%	5,495	10.424%
1997	94,383					1	0.001%	17,470	18.628%	6,934	7.404%	6,114	8.655%
1998	119,246							18,315	15.442%	6,431	5.395%	6,109	6.888%
1999	128,465	1	0.001%			1	0.001%	14,284	11.190%	5,870	4.572%	4,909	5.508%
2000	150,154	3	0.002%	1	0.001%	2	0.001%	12,730	8.543%	5,615	3.741%	4,329	4.169%
2001	135,055	8	0.006%	2	0.001%	7	0.005%	9,746	7.269%	5,206	3.860%	3,532	4.162%
2002	167,620	2	0.001%	1	0.001%	6	0.004%	7,462	4.486%	4,578	2.734%	1,466	2.388%
2003	180,954	1	0.001%	7	0.004%	35	0.019%	5,293	2.957%	3,488	1.939%	767	1.303%
2004	205,547	11	0.005%	3	0.001%	11	0.005%	5,571	2.712%	3,815	1.857%	1,061	1.370%
2005	221,789	7	0.003%	5	0.002%	2	0.001%	4,317	1.949%	3,345	1.510%	1,283	1.279%
Total	1,473,844	33	0.002%	19	0.001%	65	0.004%	109,754	7.488%	50,576	3.438%	35,065	4.451%

Model Year	Total Vehicles	Evaporative Systems		Heated Catalyst		O2 Sensor Heater		Secondary Air Injection		Air Conditioning	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
1996	70,631	6,909	30.269%			6,365	9.078%	893	17.479%		
1997	94,383	16,567	29.060%			7,622	8.168%	8	1.709%		
1998	119,246	23,320	22.754%			6,692	5.615%	29	3.699%		
1999	128,465	23,861	21.353%			5,827	4.539%	1,170	12.496%		
2000	150,154	21,855	15.912%			5,892	3.926%	2,278	9.507%		
2001	135,055	18,735	13.981%			4,573	3.406%	2,456	12.772%		
2002	167,620	15,405	9.265%			3,785	2.287%	511	4.862%		
2003	180,954	14,734	8.202%			2,092	1.229%	45	1.565%		
2004	205,547	12,357	6.017%			1,551	0.760%	302	2.015%		
2005	221,789	8,018	3.619%			3,236	1.506%	255	1.395%	2	0.238%
Total	1,473,844	161,761	12.088%	0		47,635	3.285%	7,947	7.528%	2	0.042%

NOTE: % (Not Ready) = Not Ready / (Total Vehicles - Unsupported)*100.0.

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Appendix B

Table B-3-a-i: Summary of TLC Taxi OBD II Inspection Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Vehicles

Model Year	Total Vehicles	----- Initial Test -----			----- Final Test -----			% of Sample	MIL Command		MIL Command		----- Passed OBD II -----		----- Failed OBD II -----	
		Passed	Failed	% Failed	Passed	Failed	Unknown		----- On -----	----- Not On -----	Passed Gas Cap	Failed Gas Cap	Passed Gas Cap	Failed Gas Cap		
2001	15	15	0		0	0	0			15		15				
2002	256	184	72	28.13%	60	0	12	4.69%		12	241	183	1	72		
2003	5,565	4,571	994	17.86%	951	4	43	0.77%		329	5,233	4,551	19	982		12
2004	5,556	4,579	977	17.58%	960	3	17	0.31%		302	5,254	4,560	17	970		6
2005	9,406	7,508	1,898	20.18%	1,876	4	22	0.23%	1	551	8,853	7,491	15	1,891		7
2006	6,141	5,618	523	8.52%	520	1	3	0.05%		135	6,006	5,613	4	521		1
2007	4,210	3,928	282	6.70%	280	0	2	0.05%		24	4,185	3,927	1	282		
2008	508	493	15	2.95%	15	0	0			1	507	492	1	15		
Total	31,657	26,896	4,761	15.04%	4,662	12	99	0.31%	1	1,354	30,294	0	26,832	58	4,733	26

NOTE: Total Vehicles = Total Number of Initial Tests for the Year.

Appendix B

Table B-3-a-ii: Summary of TLC Taxi OBD II Readiness Status Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Vehicles

Model Year	Total Vehicles	Comprehensive Comp.		Misfire		Fuel Control		Catalyst		O2 Sensor		EGR	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
2001	15												
2002	256							57	22.266%	17	6.641%	10	3.906%
2003	5,565							707	12.704%	366	6.577%	146	2.624%
2004	5,556							642	11.555%	339	6.102%	200	3.600%
2005	9,406							1,342	14.272%	515	5.475%	222	2.361%
2006	6,141							293	4.771%	153	2.491%	62	1.011%
2007	4,210							74	1.759%	35	0.831%	18	0.430%
2008	508							3	0.591%	1	0.197%	1	0.198%
Total	31,657	0		0		0		3,118	9.851%	1,426	4.505%	659	2.084%

Model Year	Total Vehicles	Evaporative Systems		Heated Catalyst		O2 Sensor Heater		Secondary Air Injection		Air Conditioning	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
2001	15	12	80.000%								
2002	256	201	78.516%			17	6.641%				
2003	5,565	4,701	84.474%			366	6.577%				
2004	5,556	4,836	87.041%			339	6.102%				
2005	9,406	7,695	81.836%			515	5.477%				
2006	6,141	4,716	77.375%			153	2.496%				
2007	4,210	1,114	26.473%			35	0.836%				
2008	508	101	19.882%			1	0.197%				
Total	31,657	23,376	73.961%	0		1,426	4.510%	0		0	

NOTE: % (Not Ready) = Not Ready / (Total Vehicles - Unsupported)*100.0.

Appendix B

Table B-3-b-i: Summary of TLC Taxi OBD II Inspection Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Trucks

Model Year	Total Vehicles	----- Initial Test -----			----- Final Test -----			% of Sample	MIL Command		MIL Command		----- Passed OBD II ----		----- Failed OBDII -----	
		Passed	Failed	% Failed	Passed	Failed	Outcome Unknown		----- On -----	----- Not On -----	Passed Gas Cap	Failed Gas Cap	Passed Gas Cap	Failed Gas Cap		
2001	7	5	2	28.57%	2		0			2	5	5			2	
2002	103	93	10	9.71%	10		1	0.97%		5	98	93			10	
2003	186	164	22	11.83%	21		2	1.08%		9	177	164			22	
2004	1,022	860	162	15.85%	160		1	0.10%		51	971	860			162	
2005	1,716	1,490	226	13.17%	225		1	0.06%		61	1,655	1,490			226	
2006	1,531	1,466	65	4.25%	64		1	0.07%		19	1,512	1,466			65	
2007	896	851	45	5.02%	44		0			20	875	851			45	
2008	324	319	5	1.54%	5		0			2	322	319			5	
Total	5,785	5,248	537	9.28%	531	0	6	0.10%	0	169	5,615	0	5,248	0	537	0

NOTE: Total Vehicles = Total Number of Initial Tests for the Year.

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Appendix B

Table B-3-b-ii: Summary of TLC Taxi OBD II Readiness Status Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Trucks

Model Year	Total Vehicles	Comprehensive Comp.		Misfire		Fuel Control		Catalyst		O2 Sensor		EGR	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
2001	7							1	14.286%				
2002	103							5	4.854%	6	5.825%		
2003	186							11	5.914%	15	8.065%	3	1.613%
2004	1,022							162	15.851%	49	4.795%	1	2.703%
2005	1,716							180	10.490%	75	4.371%	4	3.361%
2006	1,531							31	2.025%	25	1.633%	4	2.740%
2007	896							6	0.670%	30	3.348%	4	0.733%
2008	324											2	0.637%
Total	5,785	0		0		0		396	6.845%	200	3.457%	18	1.235%

Model Year	Total Vehicles	Evaporative Systems		Heated Catalyst		O2 Sensor Heater		Secondary Air Injection		Air Conditioning	
		Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%	Not Ready	%
2001	7	5	71.429%								
2002	103	21	20.388%								
2003	186	32	17.204%			1	0.538%				
2004	1,022	432	42.270%			5	0.707%				
2005	1,716	581	33.858%			11	0.773%				
2006	1,531	263	17.178%								
2007	896	283	31.585%			11	1.228%				
2008	324	145	44.753%								
Total	5,785	1,762	30.458%	0		28	0.738%	0		0	

NOTE: % (Not Ready) = Not Ready / (Total Vehicles - Unsupported)*100.0.

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Appendix C

Table C-1-a : Summary of NYMA Transient Test Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Vehicles

Model Year	Total Vehicles	----- Passed	Initial Test Failed	----- % Failed	--- Second Test --- Passed	Failed	----- Passed	Subsequent (Final) Test Failed	Switched*	Rec'd Waiver	Waiver Rate	Outcome Unknown	% of Sample
1982	687	582	105	15.28%	60	1	79	1	0	1	0.95%	25	3.64%
1983	2,599	2,175	424	16.31%	286	9	365	14	5	10	2.36%	44	1.69%
1984	4,605	3,842	763	16.57%	516	20	652	34	13	18	2.36%	80	1.74%
1985	6,936	5,917	1,019	14.69%	684	26	866	35	6	18	1.77%	129	1.86%
1986	10,255	8,827	1,428	13.92%	967	29	1,224	51	16	21	1.47%	167	1.63%
1987	15,363	13,434	1,929	12.56%	1,317	38	1,622	75	25	34	1.76%	250	1.63%
1988	18,406	16,274	2,132	11.58%	1,486	42	1,830	59	19	26	1.22%	258	1.40%
1989	26,788	24,097	2,691	10.05%	1,932	56	2,327	86	32	36	1.34%	296	1.10%
1990	37,976	34,211	3,765	9.91%	2,749	69	3,261	103	28	47	1.25%	429	1.13%
1991	43,041	38,965	4,076	9.47%	2,943	88	3,505	128	36	47	1.15%	489	1.14%
1992	56,649	51,797	4,852	8.57%	3,579	73	4,250	112	53	40	0.82%	510	0.90%
1993	69,161	63,649	5,512	7.97%	4,035	75	4,764	125	77	58	1.05%	614	0.89%
1994	78,607	74,143	4,464	5.68%	3,354	59	3,878	90	52	26	0.58%	508	0.65%
1995	100,424	95,669	4,755	4.73%	3,548	65	4,096	93	60	29	0.61%	570	0.57%
Total	471,497	433,582	37,915	8.04%	27,459	650	32,719	1,006	422	411	1.08%	4,369	0.93%

* Final test type is different from the initial test type.

** The final disposition of the vehicle is unknown.

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Appendix C

Table C-1-b : Summary of NYMA Transient Test Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Trucks

Model Year	Total Vehicles	----- Passed	Initial Test Failed	----- % Failed	--- Second Test --- Passed	Failed	----- Passed	Subsequent (Final) Test Failed	Switched*	Rec'd Waiver	Waiver Rate	Outcome Unknown	% of Sample
1982	149	140	9	6.04%	6	1	7	1	0	0		2	1.34%
1983	529	492	37	6.99%	26	2	31	3	2	1	2.70%	3	0.57%
1984	924	843	81	8.77%	54	3	65	4	2	0		14	1.52%
1985	1,480	1,346	134	9.05%	86	6	106	8	2	5	3.73%	21	1.42%
1986	2,563	2,341	222	8.66%	148	6	181	7	7	1	0.45%	33	1.29%
1987	4,056	3,741	315	7.77%	215	7	260	12	8	6	1.90%	41	1.01%
1988	6,105	5,470	635	10.40%	424	16	519	23	18	8	1.26%	90	1.47%
1989	7,645	6,915	730	9.55%	479	23	592	32	20	11	1.51%	107	1.40%
1990	7,936	7,253	683	8.61%	478	9	574	12	21	8	1.17%	80	1.01%
1991	10,202	9,416	786	7.70%	551	12	662	20	17	8	1.02%	99	0.97%
1992	12,856	11,942	914	7.11%	664	16	770	27	23	7	0.77%	114	0.89%
1993	20,610	19,216	1,394	6.76%	1,028	17	1,188	32	33	9	0.65%	164	0.80%
1994	28,286	26,620	1,666	5.89%	1,181	34	1,378	53	52	20	1.20%	216	0.76%
1995	43,442	41,276	2,166	4.99%	1,553	36	1,822	54	77	25	1.15%	242	0.56%
Total	146,783	137,011	9,772	6.66%	6,893	188	8,155	288	282	109	1.12%	1,226	0.84%

* Final test type is different from the initial test type.

** The final disposition of the vehicle is unknown.

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Appendix C

Table C-1-c: Summary of Emission Reductions from Transient Tests
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

Model Year	----- Light Duty Vehicles -----				----- Light Duty Trucks -----			
	# of Failed Vehicles	Average G/Mi Emission Reductions			# of Failed Vehicles	Average G/Mi Emission Reductions		
		HC	CO	NOx		HC	CO	NOx
1982	105	0.95	18.52	1.81	9	0.51	38.60	1.00
1983	424	1.04	18.59	1.51	37	3.85	61.28	2.45
1984	763	1.06	18.69	1.42	81	1.82	45.61	1.37
1985	1,019	1.06	17.35	1.36	134	1.96	30.71	1.33
1986	1,428	1.00	16.91	1.32	222	1.86	29.15	1.81
1987	1,929	0.98	16.64	1.30	315	1.55	23.19	1.83
1988	2,132	1.01	15.64	1.23	635	1.34	21.61	1.86
1989	2,691	1.04	17.72	1.21	730	1.27	21.08	1.87
1990	3,765	0.90	14.86	1.42	683	1.39	20.89	1.89
1991	4,076	0.89	15.17	1.43	786	1.23	22.01	1.69
1992	4,852	0.91	16.95	1.38	914	1.30	20.09	1.95
1993	5,512	0.79	13.30	1.49	1,394	1.26	19.79	2.08
1994	4,464	0.91	13.92	1.29	1,666	1.41	17.21	1.97
1995	4,755	0.81	14.28	1.25	2,166	1.26	14.39	2.15
Total	37,915	0.91	15.36	1.36	9,772	1.35	19.48	1.96

Appendix C

Table C-2-a : Summary of NYMA Idle Test Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Vehicles

Model Year	Total Vehicles	----- Passed	Initial Test Failed	----- % Failed	--- Second Test --- Passed	Failed	----- Passed	Subsequent (Final) Test Failed	Switched*	Rec'd Waiver	Waiver Rate	Outcome Unknown	% of Sample
1982	32	27	5	15.63%	3	0	4	0	1	0		0	0.00%
1983	127	120	7	5.51%	5	0	5	0	1	0		1	0.79%
1984	183	168	15	8.20%	10	1	11	1	3	0		1	0.55%
1985	268	247	21	7.84%	16	0	16	0	4	0		1	0.37%
1986	380	344	36	9.47%	28	0	29	0	5	0		2	0.53%
1987	513	484	29	5.65%	22	0	23	0	4	0		2	0.39%
1988	608	556	52	8.55%	38	0	42	0	8	0		2	0.33%
1989	855	801	54	6.32%	32	0	43	0	7	0		4	0.47%
1990	1,418	1,330	88	6.21%	70	2	79	2	5	0		4	0.28%
1991	1,883	1,787	96	5.10%	71	0	82	1	10	0		4	0.21%
1992	2,674	2,542	132	4.94%	97	2	107	3	18	0		7	0.26%
1993	3,513	3,367	146	4.16%	111	0	123	0	15	1	0.68%	7	0.20%
1994	4,097	3,963	134	3.27%	90	2	106	2	18	2	1.49%	8	0.20%
1995	6,639	6,428	211	3.18%	167	2	179	2	22	2	0.95%	9	0.14%
Total	23,190	22,164	1,026	4.42%	760	9	849	11	121	5	0.49%	52	0.22%

* Final test type is different from the initial test type.

** The final disposition of the vehicle is unknown.

Appendix C

Table C-2-b : Summary of NYMA Idle Test Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Light Duty Trucks

Model Year	Total Vehicles	----- Passed	Initial Test Failed	----- % Failed	--- Second Test --- Passed	Failed	----- Passed	Subsequent (Final) Test Failed	Switched*	Rec'd Waiver	Waiver Rate	Outcome Unknown	% of Sample
1982	26	22	4	15.38%	3	0	3	0	0	0		1	3.85%
1983	93	84	9	9.68%	7	1	7	1	0	0		2	2.15%
1984	161	147	14	8.70%	13	0	13	0	1	0		0	
1985	300	277	23	7.67%	15	0	16	0	4	0		3	1.00%
1986	486	438	48	9.88%	30	3	37	4	3	2	4.17%	6	1.23%
1987	663	606	57	8.60%	44	1	48	1	3	0		6	0.90%
1988	973	909	64	6.58%	45	0	50	0	10	0		5	0.51%
1989	1,224	1,141	83	6.78%	64	2	70	2	5	0		8	0.65%
1990	1,343	1,279	64	4.77%	45	1	52	1	7	0		5	0.37%
1991	2,167	2,047	120	5.54%	84	3	98	3	13	2	1.67%	8	0.37%
1992	2,555	2,433	122	4.77%	95	1	103	1	11	0		8	0.31%
1993	5,655	5,447	208	3.68%	161	0	186	0	12	0		10	0.18%
1994	8,757	8,483	274	3.13%	215	1	238	1	18	1	0.36%	17	0.19%
1995	11,003	10,605	398	3.62%	313	2	345	2	32	1		20	0.18%
Total	35,406	33,918	1,488	4.20%	1,134	15	1,266	16	119	6	0.40%	99	0.28%

* Final test type is different from the initial test type.

** The final disposition of the vehicle is unknown.

Appendix C

Table C-2-c : Summary of NYMA Idle Test Results

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Heavy Duty Trucks

Model Year	Total Vehicles	----- Passed	Initial Test Failed	----- % Failed	----- Final Test Passed	----- Failed	Rec'd Waiver	Waiver Rate	Outcome Unknown	% of Sample
1982	172	153	19	11.05%	17				2	1.16%
1983	249	229	20	8.03%	19				1	0.40%
1984	650	578	72	11.08%	68				4	0.62%
1985	933	874	59	6.32%	51		1	1.69%	7	0.75%
1986	1,133	1,041	92	8.12%	80	1	1	1.09%	11	0.97%
1987	1,255	1,143	112	8.92%	103		1	0.89%	8	0.64%
1988	1,580	1,464	116	7.34%	110	2			6	0.38%
1989	1,303	1,211	92	7.06%	86	1	1	1.09%	5	0.38%
1990	1,144	1,070	74	6.47%	70	2	1	1.35%	3	0.26%
1991	934	880	54	5.78%	49	2			5	0.54%
1992	956	901	55	5.75%	51				4	0.42%
1993	1,233	1,179	54	4.38%	50	1			4	0.32%
1994	2,136	2,048	88	4.12%	80		1	1.14%	7	0.33%
1995	3,226	3,132	94	2.91%	91	1			3	0.09%
1996	2,109	2,022	87	4.13%	80	2			7	0.33%
1997	2,892	2,795	97	3.35%	82				15	0.52%
1998	2,310	2,264	46	1.99%	41	1	1	2.17%	4	0.17%
1999	3,707	3,644	63	1.70%	58				5	0.13%
2000	4,396	4,331	65	1.48%	60	1			5	0.11%
2001	4,325	4,282	43	0.99%	37	2			6	0.14%
2002	3,997	3,958	39	0.98%	34				5	0.13%
2003	4,086	4,057	29	0.71%	25				4	0.10%
2004	3,693	3,667	26	0.70%	22	1			4	0.11%
2005	3,019	3,004	15	0.50%	14	1			1	0.03%
Total	51,438	49,927	1,511	2.94%	1,378	18	7	0.46%	126	0.24%

Appendix C

Table C-2-d: Summary of Emission Reductions from Idle Tests

(Based on Data Collected from 1/1/2007 to 12/31/2007)

Model Year	----- Light Duty Vehicles -----			----- Light Duty Trucks -----			----- Heavy Duty Trucks -----		
	# of Failed Vehicles	Avg Emission HC (ppm)	Reductions CO (%)	# of Failed Vehicles	Avg Emission HC (ppm)	Reduction CO (%)	# of Failed Vehicles	Avg Emission HC (ppm)	Reduction CO (%)
1982	5	339	4.70	4	499	4.86	19	796	2.56
1983	7	473	5.08	9	301	5.81	20	497	2.41
1984	15	224	3.28	14	743	1.44	72	670	2.36
1985	21	321	2.47	23	401	3.05	59	662	2.74
1986	36	238	1.94	48	356	3.44	92	566	2.52
1987	29	303	2.41	57	363	1.86	112	484	2.29
1988	52	403	2.74	64	183	1.79	116	488	1.72
1989	54	342	2.40	83	298	2.03	92	414	1.82
1990	88	300	1.68	64	182	1.53	74	486	2.23
1991	96	219	1.59	120	227	1.61	54	468	3.03
1992	132	199	1.43	122	288	1.58	55	471	3.02
1993	146	236	1.05	208	243	1.46	54	395	2.65
1994	134	255	0.93	274	269	1.21	88	431	2.15
1995	211	198	1.00	398	300	1.16	94	409	2.55
1996							87	419	2.10
1997							97	469	1.49
1998							46	618	0.87
1999							63	468	0.58
2000							65	408	0.81
2001							43	246	0.38
2002							39	345	0.17
2003							29	343	0.28
2004							26	73	0.14
2005							15	41	-0.02
Total	1,026	249	1.50	1,488	280	1.52	1,511	466	1.90

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Bronx

Total Testing Stations: 270

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			64	6.25%	3	0.00%			13	0.00%	2	50.00%
1983			201	14.93%	6	0.00%			32	0.00%	8	12.50%
1984			311	10.93%	12	8.33%			55	1.82%	9	0.00%
1985			518	8.69%	23	8.70%			89	2.25%	21	0.00%
1986			727	8.25%	33	6.06%			144	2.78%	58	1.72%
1987			1,218	8.87%	44	0.00%			258	3.49%	53	9.43%
1988			1,525	6.82%	39	2.56%			374	5.61%	128	5.47%
1989			2,210	7.19%	84	4.76%			504	4.96%	170	1.76%
1990			3,604	8.10%	146	4.11%			586	5.97%	197	2.03%
1991			4,092	6.48%	144	4.17%			833	3.36%	333	3.00%
1992			5,553	6.59%	224	4.46%			1,161	3.96%	444	4.28%
1993			6,523	6.07%	256	3.13%			2,254	4.30%	843	3.20%
1994			7,318	5.77%	278	2.16%			2,782	4.13%	1,202	3.24%
1995			9,114	4.40%	480	3.54%			4,663	3.30%	1,513	3.37%
1996	10,166	9.08%					7,119	10.79%				
1997	12,260	8.28%					8,207	11.06%				
1998	13,515	7.87%					9,862	9.18%				
1999	14,314	6.88%					9,778	7.85%				
2000	15,318	6.90%					9,776	6.93%				
2001	12,438	8.83%					8,410	10.52%				
2002	10,394	5.95%					9,118	7.40%				
2003	11,769	5.36%					7,943	5.70%				
2004	9,064	4.85%					8,633	4.81%				
2005	9,526	3.09%					8,375	2.84%				
Total	118,764	6.84%	42,978	6.25%	1,772	3.56%	87,221	7.67%	13,748	3.91%	4,981	3.37%

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Kings

Total Testing Stations: 522

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			82	10.98%	3	33.33%			11	0.00%	5	0.00%
1983			330	9.70%	8	0.00%			45	2.22%	6	16.67%
1984			565	12.74%	12	16.67%			88	6.82%	15	6.67%
1985			876	11.87%	25	12.00%			129	5.43%	26	7.69%
1986			1,323	12.70%	34	8.82%			215	7.44%	40	7.50%
1987			1,996	10.12%	46	10.87%			385	4.16%	83	6.02%
1988			2,471	9.07%	51	5.88%			616	8.77%	85	4.71%
1989			3,733	8.79%	80	8.75%			735	7.21%	101	6.93%
1990			5,610	9.59%	194	5.15%			962	7.38%	146	4.79%
1991			6,184	8.36%	193	7.25%			1,264	6.72%	298	7.38%
1992			8,625	7.71%	297	5.39%			1,782	5.22%	360	5.56%
1993			10,203	7.23%	376	6.91%			3,024	5.56%	769	4.03%
1994			10,922	5.16%	470	3.40%			4,107	4.82%	1,143	3.67%
1995			14,404	4.60%	701	3.00%			6,602	4.30%	1,449	4.62%
1996	15,580	11.25%					8,841	15.65%				
1997	19,088	11.42%					11,381	14.45%				
1998	20,973	10.22%					13,696	12.38%				
1999	22,549	8.86%					14,962	9.93%				
2000	26,300	8.80%					16,070	8.71%				
2001	21,434	10.89%					14,207	12.66%				
2002	19,656	6.83%					15,530	8.89%				
2003	21,011	5.43%					14,823	6.44%				
2004	18,754	5.39%					17,303	4.77%				
2005	20,284	3.21%					19,065	3.45%				
Total	205,629	8.20%	67,324	7.17%	2,490	5.10%	145,878	9.07%	19,965	5.27%	4,526	4.68%

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Nassau

Total Testing Stations: 801

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			126	17.46%	5	20.00%			24	4.17%	4	50.00%
1983			486	19.96%	29	6.90%			90	8.89%	20	20.00%
1984			903	19.38%	42	7.14%			165	8.48%	24	4.17%
1985			1,380	16.81%	51	7.84%			244	12.30%	54	14.81%
1986			2,092	16.25%	58	6.90%			493	9.13%	73	20.55%
1987			3,139	14.53%	92	4.35%			718	9.75%	89	2.25%
1988			3,567	13.48%	93	6.45%			1,160	12.16%	127	7.09%
1989			5,281	10.41%	143	7.69%			1,436	10.93%	188	9.04%
1990			6,853	10.32%	233	8.15%			1,424	9.34%	192	9.90%
1991			7,937	10.22%	314	4.14%			1,827	9.41%	275	9.09%
1992			10,065	8.95%	508	7.28%			2,241	7.85%	319	6.58%
1993			12,485	8.48%	620	4.19%			3,132	7.85%	795	3.65%
1994			14,117	5.36%	804	3.23%			4,407	6.88%	1,236	3.64%
1995			18,221	4.41%	1,222	3.36%			6,601	5.79%	1,520	4.21%
1996	19,616	8.91%					8,505	12.57%				
1997	24,308	8.47%					11,142	11.50%				
1998	27,173	6.87%					14,499	9.69%				
1999	30,996	6.55%					16,480	7.29%				
2000	37,277	5.70%					19,237	6.22%				
2001	36,069	6.91%					19,805	9.46%				
2002	39,384	4.48%					25,509	6.37%				
2003	43,014	4.17%					28,775	4.87%				
2004	45,989	4.00%					39,314	4.04%				
2005	50,295	2.43%					42,470	2.37%				
Total	354,121	5.35%	86,652	8.53%	4,214	4.67%	225,736	6.05%	23,962	7.84%	4,916	5.31%

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : New York

Total Testing Stations: 126

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			12	8.33%	4	0.00%			3	0.00%	0	
1983			72	19.44%	3	0.00%			5	0.00%	0	
1984			120	17.50%	8	25.00%			11	18.18%	6	16.67%
1985			218	20.64%	14	28.57%			21	9.52%	7	0.00%
1986			302	12.91%	11	18.18%			21	9.52%	7	0.00%
1987			411	9.98%	22	4.55%			60	5.00%	20	15.00%
1988			497	13.08%	19	5.26%			90	12.22%	25	4.00%
1989			689	12.05%	44	2.27%			126	7.94%	24	0.00%
1990			961	10.72%	58	3.45%			128	11.72%	43	4.65%
1991			1,119	9.92%	108	3.70%			204	5.39%	76	1.32%
1992			1,428	9.31%	102	6.86%			248	6.45%	76	2.63%
1993			1,693	8.15%	149	4.70%			521	7.10%	192	1.56%
1994			1,907	6.40%	149	2.01%			649	6.01%	262	3.44%
1995			2,590	4.56%	294	2.04%			1,079	5.10%	349	2.01%
1996	3,038	9.48%					1,747	10.93%				
1997	3,857	7.99%					2,246	11.04%				
1998	4,784	6.06%					2,831	10.17%				
1999	5,439	7.41%					3,255	9.03%				
2000	6,361	7.17%					3,442	8.13%				
2001	6,152	8.14%					3,554	11.06%				
2002	6,283	6.08%					4,319	7.96%				
2003	7,556	6.09%					4,755	6.20%				
2004	8,387	5.43%					6,864	5.52%				
2005	9,191	4.21%					7,648	4.09%				
Total	61,048	6.44%	12,019	8.60%	985	4.06%	40,661	7.44%	3,166	6.41%	1,087	2.67%

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Orange*

Total Testing Stations: 291

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			0		0				0		0	
1983			3	66.67%	1	100.00%			0		0	
1984			0		1	0.00%			0		1	100.00%
1985			4	25.00%	0				0		1	0.00%
1986			3	66.67%	0				0		0	
1987			1	0.00%	0				1	100.00%	0	
1988			5	0.00%	0				4	25.00%	0	
1989			11	45.45%	0				6	33.33%	1	0.00%
1990			12	16.67%	3	33.33%			4	75.00%	0	
1991			8	12.50%	1	0.00%			5	0.00%	0	
1992			16	12.50%	0				8	0.00%	0	
1993			11	9.09%	0				6	0.00%	2	0.00%
1994			19	5.26%	2	0.00%			12	0.00%	6	16.67%
1995			30	3.33%	5	0.00%			15	0.00%	5	20.00%
1996	5,381	9.87%					3,059	11.80%				
1997	6,731	9.51%					4,112	11.43%				
1998	7,335	8.08%					5,115	9.01%				
1999	8,026	7.56%					5,704	6.80%				
2000	9,847	6.44%					6,646	6.39%				
2001	9,410	7.27%					7,008	9.63%				
2002	9,990	4.66%					8,679	6.20%				
2003	10,805	3.79%					9,948	4.33%				
2004	10,320	3.50%					12,104	3.69%				
2005	11,614	2.11%					12,458	2.31%				
Total	89,459	5.78%	123	14.63%	13	15.38%	74,833	5.99%	61	11.48%	16	18.75%

* The majority portion of this county is under the Low Enhanced I/M Program.

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Putnam*

Total Testing Stations: 77

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			0		0				0		0	
1983			0		0				0		0	
1984			0		0				0		0	
1985			3	33.33%	0				0		0	
1986			2	0.00%	0				0		0	
1987			3	0.00%	0				0		0	
1988			6	0.00%	0				1	0.00%	0	
1989			5	40.00%	0				3	33.33%	0	
1990			6	16.67%	1	0.00%			2	0.00%	0	
1991			11	36.36%	0				1	0.00%	1	0.00%
1992			10	0.00%	1	100.00%			3	0.00%	0	
1993			19	21.05%	3	0.00%			6	16.67%	0	
1994			21	4.76%	1	0.00%			9	11.11%	2	0.00%
1995			37	5.41%	4	25.00%			16	6.25%	1	0.00%
1996	1,300	9.08%					688	10.90%				
1997	1,749	8.46%					993	11.58%				
1998	2,049	6.83%					1,312	10.37%				
1999	2,378	6.56%					1,498	6.61%				
2000	2,743	5.07%					1,709	5.15%				
2001	2,657	7.08%					1,812	7.17%				
2002	2,826	4.64%					2,329	4.98%				
2003	2,846	3.23%					2,723	3.16%				
2004	2,704	2.96%					3,079	2.73%				
2005	2,988	1.87%					3,191	1.97%				
Total	24,240	5.15%	123	12.20%	10	20.00%	19,334	5.13%	41	9.76%	4	0.00%

* The majority portion of this county is under the Low Enhanced I/M Program.

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Queens

Total Testing Stations: 643

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			161	15.53%	6	16.67%			29	3.45%	1	0.00%
1983			532	14.10%	20	5.00%			75	0.00%	10	0.00%
1984			833	14.05%	26	7.69%			131	3.82%	25	12.00%
1985			1,260	13.57%	36	5.56%			184	3.80%	40	2.50%
1986			1,822	11.64%	53	11.32%			285	5.61%	61	6.56%
1987			2,781	10.97%	75	6.67%			544	4.96%	94	8.51%
1988			3,397	10.98%	121	8.26%			780	7.82%	151	4.64%
1989			5,063	9.58%	143	6.29%			1,023	6.84%	183	7.65%
1990			7,195	9.23%	208	6.73%			1,170	5.98%	234	3.42%
1991			8,205	9.23%	296	4.73%			1,604	7.61%	449	4.90%
1992			10,778	8.29%	448	4.69%			2,083	6.48%	493	3.65%
1993			12,645	7.66%	591	4.06%			3,629	6.31%	1,021	4.31%
1994			14,685	5.85%	623	4.17%			4,843	5.45%	1,679	2.50%
1995			18,654	5.25%	981	3.47%			7,969	4.72%	2,022	3.41%
1996	20,106	10.43%					10,765	14.37%				
1997	24,530	10.46%					13,890	13.66%				
1998	27,380	9.31%					16,905	11.74%				
1999	30,579	8.42%					18,216	9.37%				
2000	36,502	8.13%					20,618	8.25%				
2001	31,110	9.83%					18,948	11.21%				
2002	29,611	6.57%					21,663	7.59%				
2003	33,802	5.31%					21,824	5.95%				
2004	31,005	4.89%					26,458	4.37%				
2005	31,467	2.79%					25,028	2.82%				
Total	296,092	7.41%	88,011	7.82%	3,627	4.66%	194,315	8.11%	24,349	5.68%	6,463	3.71%

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : **Richmond**

Total Testing Stations: 146

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			24	12.50%	1	100.00%			9	0.00%	2	0.00%
1983			103	15.53%	5	0.00%			20	5.00%	2	0.00%
1984			172	12.21%	4	25.00%			29	3.45%	4	0.00%
1985			260	14.23%	9	11.11%			59	1.69%	11	18.18%
1986			407	10.07%	5	0.00%			111	3.60%	7	28.57%
1987			589	10.36%	6	0.00%			162	5.56%	24	4.17%
1988			728	8.24%	14	0.00%			264	4.17%	34	2.94%
1989			1,001	8.09%	18	5.56%			294	3.40%	34	0.00%
1990			1,365	7.91%	34	5.88%			292	7.88%	31	0.00%
1991			1,561	7.56%	52	1.92%			386	5.70%	56	5.36%
1992			2,145	6.06%	100	3.00%			499	4.21%	53	3.77%
1993			2,627	5.94%	101	5.94%			693	5.19%	161	3.11%
1994			3,067	4.66%	117	1.71%			1,113	4.58%	245	2.86%
1995			3,990	3.63%	201	1.49%			1,582	3.98%	333	2.10%
1996	4,198	10.81%					1,951	16.45%				
1997	5,417	9.78%					2,656	13.22%				
1998	5,988	8.38%					3,308	10.91%				
1999	6,756	7.09%					3,807	7.93%				
2000	8,791	6.79%					4,369	7.76%				
2001	8,100	7.12%					4,332	9.23%				
2002	8,707	4.96%					5,832	6.14%				
2003	8,957	4.12%					6,367	4.62%				
2004	9,317	2.89%					8,671	2.93%				
2005	11,468	1.87%					10,291	1.75%				
Total	77,699	5.69%	18,039	6.21%	667	3.15%	51,584	6.13%	5,513	4.59%	997	3.01%

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Rockland

Total Testing Stations: 121

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			10	20.00%	2	0.00%			2	50.00%	0	ERR
1983			49	14.29%	12	8.33%			12	8.33%	7	0.00%
1984			92	15.22%	12	8.33%			14	0.00%	9	11.11%
1985			130	20.00%	14	7.14%			30	10.00%	14	7.14%
1986			233	13.73%	47	10.64%			47	8.51%	35	8.57%
1987			312	16.35%	46	6.52%			75	12.00%	33	12.12%
1988			436	13.07%	51	19.61%			101	7.92%	52	13.46%
1989			630	11.11%	64	4.69%			163	8.59%	78	7.69%
1990			990	11.72%	105	6.67%			168	10.71%	86	1.16%
1991			1,190	11.18%	134	11.94%			213	6.57%	108	6.48%
1992			1,607	10.27%	138	3.62%			242	9.09%	135	6.67%
1993			2,103	10.46%	226	3.54%			429	7.69%	276	6.16%
1994			2,486	6.15%	222	4.05%			613	5.22%	438	4.11%
1995			3,135	4.91%	414	3.38%			962	4.78%	583	3.77%
1996	3,890	9.54%					1,633	11.82%				
1997	4,866	7.83%					2,188	10.51%				
1998	5,378	7.46%					2,958	9.09%				
1999	6,446	6.69%					3,265	6.65%				
2000	7,566	5.75%					4,064	6.10%				
2001	7,478	6.46%					4,371	8.83%				
2002	8,182	4.58%					5,456	6.27%				
2003	8,954	3.71%					6,196	4.02%				
2004	8,804	3.34%					7,989	2.99%				
2005	10,001	2.07%					8,678	2.03%				
Total	71,565	5.18%	13,403	8.95%	1,487	5.58%	46,798	5.45%	3,071	6.68%	1,854	5.18%

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Suffolk

Total Testing Stations: 807

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			137	21.90%	4	0.00%			44	11.36%	5	0.00%
1983			556	19.06%	17	0.00%			212	10.38%	19	5.26%
1984			1,101	19.71%	32	6.25%			348	11.49%	41	9.76%
1985			1,575	15.62%	37	5.41%			600	11.50%	79	8.86%
1986			2,252	15.85%	71	11.27%			1,022	10.86%	134	12.69%
1987			3,324	14.83%	79	6.33%			1,499	9.14%	163	12.27%
1988			3,848	13.18%	88	5.68%			2,166	12.56%	198	6.06%
1989			5,336	11.06%	126	7.14%			2,662	11.87%	257	8.17%
1990			7,410	10.49%	197	9.64%			2,592	9.45%	243	5.35%
1991			8,140	10.55%	322	4.97%			3,015	8.56%	305	5.57%
1992			10,605	9.50%	465	2.80%			3,546	8.18%	310	4.52%
1993			13,655	8.69%	628	3.50%			5,259	7.36%	932	3.11%
1994			15,530	5.82%	810	3.33%			7,194	6.19%	1,484	2.16%
1995			19,692	4.61%	1,121	3.66%			10,181	5.43%	1,871	2.99%
1996	20,580	10.92%					11,755	13.98%				
1997	25,335	10.00%					15,256	12.52%				
1998	27,805	7.86%					19,060	9.87%				
1999	32,262	7.58%					22,235	7.38%				
2000	38,217	6.32%					25,184	6.38%				
2001	37,187	7.74%					25,854	9.64%				
2002	40,089	5.01%					32,120	6.75%				
2003	42,709	4.18%					35,297	4.87%				
2004	42,616	3.69%					45,385	3.86%				
2005	46,572	2.25%					46,028	2.30%				
Total	353,372	5.98%	93,161	8.79%	3,997	4.23%	278,174	6.43%	40,340	7.81%	6,041	4.02%

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Westchester

Total Testing Stations: 449

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			70	12.86%	4	25.00%			14	7.14%	7	14.29%
1983			267	16.85%	26	7.69%			38	10.53%	21	9.52%
1984			507	18.15%	34	2.94%			83	14.46%	27	7.41%
1985			710	15.63%	57	3.51%			124	10.48%	46	4.35%
1986			1,090	16.15%	68	8.82%			225	8.89%	71	4.23%
1987			1,588	13.35%	103	5.83%			354	9.60%	104	8.65%
1988			1,925	13.51%	132	12.12%			549	10.02%	173	9.25%
1989			2,828	11.95%	153	5.88%			692	10.40%	188	7.98%
1990			3,968	11.47%	239	3.35%			606	11.55%	171	5.85%
1991			4,586	10.86%	318	3.77%			850	8.71%	266	4.89%
1992			5,811	10.14%	391	4.86%			1,042	11.04%	365	4.66%
1993			7,190	8.96%	561	3.39%			1,653	9.62%	663	3.32%
1994			8,521	6.26%	618	3.07%			2,555	8.49%	1,059	3.68%
1995			10,548	5.52%	1,216	2.71%			3,769	6.69%	1,356	3.91%
1996	11,726	8.76%					5,568	13.25%				
1997	15,010	8.39%					7,297	10.79%				
1998	17,595	6.75%					9,009	9.70%				
1999	19,674	6.59%					10,406	7.04%				
2000	23,658	5.87%					12,296	6.06%				
2001	23,656	6.98%					13,478	9.16%				
2002	25,524	4.81%					16,849	6.30%				
2003	27,572	4.22%					19,080	4.67%				
2004	29,616	3.58%					25,937	3.70%				
2005	33,023	2.27%					28,449	2.26%				
Total	227,054	5.29%	49,609	9.16%	3,920	3.90%	148,369	5.84%	12,554	8.75%	4,517	4.52%

Appendix D

Table D-1: Summary of Initial Test Volumes and Failure Rates by County in NYMA

(Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Others*

Total Testing Stations: 4

Model Year	----- Light Duty Vehicles -----						----- Light Duty Trucks -----					
	OBD2 Inspections		Transient Tested		Idle Tested		OBD2 Inspections		Transient Tested		Idle Tested	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1982			1	0.00%	0				0		0	
1983			0		0				0		0	
1984			1	0.00%	0				0		0	
1985			2	0.00%	2	0.00%			0		1	0.00%
1986			2	50.00%	0				0		0	
1987			1	0.00%	0				0		0	
1988			1	100.00%	0				0		0	
1989			1	0.00%	0				1	0.00%	0	
1990			4	50.00%	0				2	0.00%	0	
1991			8	25.00%	1	0.00%			1	0.00%	0	
1992			6	0.00%	0				1	0.00%	0	
1993			8	0.00%	2	0.00%			5	20.00%	1	100.00%
1994			14	35.71%	3	0.00%			3	33.33%	1	0.00%
1995			14	0.00%	0				4	0.00%	1	100.00%
1996												
1997												
1998												
1999												
2000												
2001												
2002												
2003												
2004												
2005												
Total			63	17.46%	8	0.00%			17	11.76%	4	50.00%

* Includes Port of New Jersey and testing facilities with unknown NYMA counties.

Appendix D

Table D-2: Summary of OBD II Initial Test Volumes and Failure Rates by County in Upstate
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Albany					County : Allegany					County : Broome			
Total OBD II Stations:		252			Total OBD II Stations:		63			Total OBD II Stations:		176	
Model Year	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	
1996	5,013	8.60%	2,229	11.22%	709	9.03%	660	9.39%	3,887	8.16%	2,330	10.21%	
1997	6,429	7.95%	3,082	9.93%	810	10.00%	915	10.82%	5,036	7.53%	3,139	8.54%	
1998	7,041	5.97%	3,959	8.08%	736	6.39%	1,030	9.22%	5,071	5.76%	3,677	7.29%	
1999	8,605	5.44%	4,710	6.39%	806	6.95%	907	5.51%	5,747	5.27%	4,005	5.92%	
2000	10,159	5.09%	5,706	5.17%	912	6.25%	980	6.12%	6,389	4.76%	4,448	4.95%	
2001	10,118	5.91%	5,861	8.57%	795	7.42%	816	7.84%	5,716	5.62%	3,670	7.60%	
2002	11,267	4.00%	7,487	5.28%	780	5.13%	866	5.20%	5,600	3.52%	4,569	4.40%	
2003	12,183	3.60%	8,793	3.63%	679	4.86%	869	3.68%	5,353	2.73%	4,517	3.30%	
2004	12,243	3.34%	10,561	3.76%	592	2.03%	815	2.70%	4,858	2.78%	4,762	2.39%	
Total	95,488	4.66%	63,865	5.23%	7,436	6.17%	8,709	6.25%	52,765	4.68%	40,008	5.12%	

County : Cattaraugus					County : Cayuga					County : Chautauqua			
Total OBD II Stations:		91			Total OBD II Stations:		77			Total OBD II Stations:		137	
Model Year	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	
1996	1,130	9.12%	1,079	12.88%	1,184	8.36%	875	9.37%	2,120	9.39%	1,682	10.70%	
1997	1,356	11.58%	1,270	10.24%	1,341	8.35%	1,094	8.23%	2,581	9.03%	2,197	8.69%	
1998	1,336	10.63%	1,624	9.48%	1,452	6.75%	1,385	7.51%	2,967	7.89%	2,887	8.80%	
1999	1,527	9.30%	1,642	8.10%	1,626	6.15%	1,435	5.71%	3,042	6.94%	2,819	6.46%	
2000	1,782	7.74%	2,000	6.95%	1,718	4.60%	1,648	5.40%	3,633	6.14%	3,297	5.88%	
2001	1,437	8.70%	1,713	11.79%	1,700	4.47%	1,387	8.65%	3,117	7.06%	2,856	9.59%	
2002	1,502	5.33%	1,915	5.69%	1,716	4.60%	1,654	4.59%	3,198	5.85%	3,522	5.76%	
2003	1,595	3.13%	2,136	4.12%	1,869	3.32%	1,815	3.31%	3,150	3.84%	3,531	4.05%	
2004	1,454	3.30%	2,237	3.53%	1,751	2.28%	2,171	2.95%	3,123	2.66%	3,663	3.22%	
Total	14,677	6.93%	17,857	6.82%	16,273	4.76%	15,849	5.14%	29,854	5.87%	30,461	5.93%	

Appendix D

Table D-2: Summary of OBD II Initial Test Volumes and Failure Rates by County in Upstate
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Chemung					County : Chenango					County : Clinton				
Total OBD II Stations: 72					Total OBD II Stations: 58					Total OBD II Stations: 85				
Model Year	Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks			
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed		
1996	1,410	10.85%	1,022	12.04%	912	8.55%	809	11.87%	1,353	7.83%	991	10.29%		
1997	1,797	7.74%	1,376	7.27%	1,082	9.52%	1,062	10.17%	1,673	8.97%	1,173	8.61%		
1998	1,894	6.76%	1,869	8.13%	1,100	7.45%	1,289	8.77%	1,764	7.37%	1,457	7.21%		
1999	2,149	5.44%	2,032	5.76%	1,177	7.14%	1,371	6.42%	1,780	6.12%	1,472	5.43%		
2000	2,669	4.98%	2,450	5.31%	1,307	5.97%	1,513	6.68%	2,106	5.41%	1,771	5.03%		
2001	2,433	6.21%	1,955	6.70%	1,225	7.76%	1,200	7.75%	1,935	6.30%	1,697	7.60%		
2002	2,302	4.30%	2,390	5.73%	1,223	4.66%	1,397	4.51%	2,056	4.33%	1,872	5.13%		
2003	2,312	4.28%	2,381	5.25%	1,162	3.10%	1,376	3.78%	2,089	3.73%	2,201	3.59%		
2004	2,356	4.80%	3,143	6.08%	941	2.66%	1,407	4.26%	2,172	2.62%	2,622	2.40%		
Total	22,035	5.51%	22,139	6.15%	11,236	5.83%	12,967	6.12%	19,529	5.07%	17,908	4.95%		

County : Columbia					County : Cortland					County : Delaware				
Total OBD II Stations: 69					Total OBD II Stations: 50					Total OBD II Stations: 64				
Model Year	Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks			
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed		
1996	1,007	8.64%	756	10.71%	772	12.44%	626	10.38%	664	9.04%	670	12.24%		
1997	1,219	9.60%	985	8.63%	961	10.41%	835	11.26%	819	9.04%	844	10.55%		
1998	1,329	6.92%	1,159	6.82%	949	8.22%	1,052	9.51%	868	9.91%	1,057	8.51%		
1999	1,434	6.42%	1,215	6.50%	1,104	9.06%	1,033	6.78%	957	6.17%	1,124	7.21%		
2000	1,485	6.06%	1,288	5.82%	1,224	6.62%	1,275	5.96%	1,160	5.78%	1,286	4.59%		
2001	1,365	7.33%	1,177	9.52%	1,131	8.13%	1,064	9.21%	1,040	8.56%	1,159	10.53%		
2002	1,357	4.35%	1,442	5.34%	1,153	4.94%	1,255	5.66%	1,068	5.15%	1,404	6.34%		
2003	1,409	3.48%	1,495	3.41%	1,148	3.40%	1,215	4.03%	990	2.63%	1,321	4.69%		
2004	1,238	2.42%	1,480	3.58%	1,104	2.63%	1,374	4.29%	847	1.65%	1,306	4.59%		
Total	13,216	5.54%	12,513	5.70%	10,629	6.51%	11,046	6.42%	9,273	5.79%	11,378	6.67%		

Appendix D

Table D-2: Summary of OBD II Initial Test Volumes and Failure Rates by County in Upstate
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Dutchess					County : Erie				County : Essex			
Total OBD II Stations:		258			Total OBD II Stations:		849		Total OBD II Stations:		38	
Model Year	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed
1996	4,614	9.43%	2,481	11.77%	13,617	8.95%	6,929	12.47%	467	12.42%	425	11.53%
1997	6,019	8.81%	3,366	10.22%	16,975	8.17%	9,584	10.34%	525	15.05%	529	11.53%
1998	6,601	7.33%	4,366	9.05%	18,965	6.85%	12,477	8.80%	588	10.71%	690	8.99%
1999	7,565	6.70%	4,811	6.61%	21,457	6.26%	14,011	6.64%	599	8.51%	729	8.92%
2000	8,916	6.01%	5,494	5.28%	24,519	5.46%	16,985	5.93%	724	6.22%	779	7.96%
2001	8,693	6.45%	5,690	8.49%	24,320	6.08%	15,542	8.74%	666	9.16%	747	9.37%
2002	8,902	4.35%	7,008	5.61%	26,827	4.11%	21,247	5.30%	707	5.37%	939	6.92%
2003	9,092	3.64%	7,693	3.68%	28,230	3.17%	22,826	3.23%	707	4.10%	1,021	4.51%
2004	8,723	3.04%	8,965	2.98%	27,951	2.42%	25,579	2.55%	730	3.01%	1,277	3.52%
Total	77,958	5.35%	58,630	5.51%	233,120	4.81%	176,532	5.26%	6,566	7.04%	8,422	6.48%

County : Franklin				County : Fulton				County : Genessee				
Total OBD II Stations:		57		Total OBD II Stations:		64		Total OBD II Stations:		68		
Model Year	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed
1996	842	11.28%	690	13.48%	965	10.05%	784	11.10%	1,017	7.57%	798	9.77%
1997	1,019	12.46%	920	12.17%	1,188	9.01%	957	9.61%	1,187	6.40%	1,042	8.45%
1998	989	9.40%	1,132	11.13%	1,268	7.26%	1,094	6.95%	1,281	6.64%	1,332	6.53%
1999	1,136	8.71%	1,156	8.74%	1,358	6.70%	1,217	5.18%	1,467	4.70%	1,390	5.32%
2000	1,153	8.50%	1,284	8.49%	1,615	4.71%	1,450	4.83%	1,650	4.42%	1,534	5.08%
2001	998	11.32%	1,131	12.47%	1,339	7.09%	1,269	8.51%	1,462	6.29%	1,275	8.00%
2002	1,063	7.24%	1,341	8.65%	1,397	4.29%	1,499	5.87%	1,582	4.68%	1,583	6.00%
2003	1,011	4.75%	1,463	4.31%	1,370	4.09%	1,602	2.68%	1,594	4.52%	1,676	3.76%
2004	901	3.77%	1,399	4.15%	1,363	2.71%	1,675	3.76%	1,451	2.76%	1,786	3.70%
Total	10,095	7.91%	11,910	7.93%	13,274	5.50%	13,225	5.37%	14,249	4.80%	14,326	5.40%

Appendix D

Table D-2: Summary of OBD II Initial Test Volumes and Failure Rates by County in Upstate
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Greene					County : Hamilton				County : Herkimer			
Total OBD II Stations: 57					Total OBD II Stations: 7				Total OBD II Stations: 62			
Model Year	Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1996	787	11.44%	568	14.08%	24	4.17%	51	17.65%	913	8.21%	620	11.13%
1997	858	10.26%	719	10.85%	42	9.52%	46	6.52%	1,036	7.43%	755	8.08%
1998	962	10.81%	835	8.74%	38	7.89%	56	8.93%	1,096	6.02%	920	8.26%
1999	992	8.97%	954	7.34%	51	7.84%	80	11.25%	1,230	6.18%	990	6.67%
2000	1,079	8.34%	1,031	7.66%	57	5.26%	81	7.41%	1,361	5.88%	1,122	6.33%
2001	1,030	9.22%	933	10.83%	51	7.84%	90	13.33%	1,287	6.22%	1,031	8.73%
2002	1,017	5.21%	1,068	7.12%	57	7.02%	83	2.41%	1,340	4.40%	1,189	5.89%
2003	1,020	3.92%	1,176	4.17%	60	1.67%	117	1.71%	1,234	3.65%	1,166	2.83%
2004	973	4.01%	1,292	2.86%	50	2.00%	113	0.88%	1,154	1.99%	1,240	3.15%
Total	9,741	7.25%	9,783	6.74%	483	5.18%	833	6.12%	11,843	5.10%	10,285	5.79%

County : Jefferson					County : Lewis				County : Livingston			
Total OBD II Stations: 105					Total OBD II Stations: 28				Total OBD II Stations: 72			
Model Year	Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1996	1,400	12.93%	1,161	11.97%	403	9.18%	404	11.14%	1,017	7.96%	852	9.62%
1997	1,699	11.12%	1,700	11.59%	490	7.55%	500	8.20%	1,248	7.77%	1,047	8.69%
1998	1,901	8.84%	2,175	9.79%	523	9.75%	605	8.93%	1,354	7.90%	1,343	8.04%
1999	2,130	9.11%	2,229	8.17%	471	6.79%	613	6.36%	1,416	6.50%	1,390	5.90%
2000	2,381	7.73%	2,638	6.22%	560	7.32%	680	6.03%	1,673	4.90%	1,498	4.87%
2001	2,325	10.97%	2,358	11.11%	472	7.42%	535	9.35%	1,356	6.27%	1,309	8.86%
2002	2,725	6.53%	3,198	7.79%	471	4.03%	653	5.67%	1,479	5.41%	1,653	6.78%
2003	2,831	5.40%	3,788	5.39%	447	3.80%	666	3.30%	1,336	4.49%	1,566	4.21%
2004	3,130	4.35%	4,883	4.77%	436	1.61%	629	2.86%	1,244	2.33%	1,652	3.39%
Total	24,197	7.13%	29,410	6.75%	4,671	5.99%	5,976	6.02%	13,505	5.41%	14,082	5.74%

Appendix D

Table D-2: Summary of OBD II Initial Test Volumes and Failure Rates by County in Upstate
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Madison					County : Monroe					County : Montgomery				
Total OBD II Stations:		76			Total OBD II Stations:		536			Total OBD II Stations:		54		
Model Year	Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks			
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed		
1996	1,001	8.59%	839	9.30%	13,143	8.17%	5,832	10.46%	916	8.30%	589	12.05%		
1997	1,194	8.63%	1,145	8.56%	16,418	8.05%	8,056	9.41%	936	8.44%	774	10.72%		
1998	1,307	7.57%	1,389	8.93%	17,619	6.75%	10,913	7.74%	1,071	8.31%	937	7.90%		
1999	1,508	6.17%	1,583	5.87%	19,936	5.97%	11,684	6.29%	1,143	5.60%	1,038	6.74%		
2000	1,717	5.13%	1,736	4.49%	22,786	5.31%	14,299	5.30%	1,405	6.05%	1,144	5.59%		
2001	1,551	5.87%	1,434	9.27%	21,496	5.92%	12,542	8.54%	1,180	7.97%	937	8.64%		
2002	1,697	4.48%	1,828	5.03%	23,364	4.16%	15,703	5.09%	1,271	4.72%	1,284	4.67%		
2003	1,772	3.84%	1,941	3.86%	22,784	3.05%	16,931	3.25%	1,281	3.12%	1,289	3.57%		
2004	1,817	2.64%	2,140	3.08%	21,907	2.59%	18,699	2.76%	1,265	3.16%	1,611	4.97%		
Total	15,491	5.04%	16,235	5.41%	202,519	4.88%	135,005	5.24%	11,854	5.45%	11,468	5.93%		

County : Niagara					County : Oneida					County : Onondaga				
Total OBD II Stations:		208			Total OBD II Stations:		234			Total OBD II Stations:		390		
Model Year	Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks			
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed		
1996	3,557	7.14%	2,236	11.09%	3,778	8.39%	2,359	10.77%	6,098	8.10%	3,172	10.84%		
1997	4,067	7.23%	2,819	8.37%	4,709	9.45%	3,295	10.44%	7,877	8.72%	4,624	9.45%		
1998	4,460	5.92%	3,619	6.69%	5,143	7.89%	4,245	8.55%	8,960	7.47%	6,094	8.76%		
1999	4,831	5.73%	3,773	5.51%	6,015	7.48%	4,571	6.28%	10,672	6.56%	7,143	7.20%		
2000	5,478	4.58%	4,204	4.59%	6,927	6.47%	5,335	6.07%	12,357	6.08%	8,730	5.68%		
2001	4,949	5.90%	3,528	7.14%	6,279	6.56%	4,457	9.96%	12,106	6.79%	7,852	9.27%		
2002	5,364	3.71%	4,622	4.05%	6,373	4.77%	5,377	5.67%	13,835	4.78%	10,373	5.17%		
2003	5,168	3.08%	4,795	3.04%	6,742	3.80%	5,810	3.87%	14,960	3.78%	11,953	3.83%		
2004	4,732	2.73%	5,002	3.02%	6,435	2.80%	6,769	3.41%	15,822	3.00%	15,106	3.79%		
Total	47,732	4.58%	40,320	4.88%	58,964	5.63%	49,010	5.98%	119,179	5.19%	91,908	5.44%		

Appendix D

Table D-2: Summary of OBD II Initial Test Volumes and Failure Rates by County in Upstate
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Ontario					County : Orleans				County : Oswego			
Total OBD II Stations:		119			Total OBD II Stations:		43		Total OBD II Stations:		126	
Model Year	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed
1996	2,005	7.48%	1,325	10.64%	782	9.59%	562	9.25%	1,819	8.41%	1,479	10.82%
1997	2,517	8.26%	1,832	8.57%	864	11.23%	808	11.26%	2,139	8.18%	2,031	8.86%
1998	2,675	6.62%	2,323	7.49%	838	7.04%	936	8.12%	2,295	7.67%	2,486	8.73%
1999	3,148	5.65%	2,545	5.82%	830	6.99%	876	6.74%	2,582	6.16%	2,565	6.94%
2000	3,645	5.13%	3,063	5.26%	894	4.03%	942	6.05%	2,890	6.16%	2,985	5.90%
2001	3,463	6.32%	2,754	8.42%	750	8.40%	733	8.73%	2,409	7.97%	2,483	10.91%
2002	3,840	3.72%	3,316	5.61%	803	4.48%	798	4.89%	2,507	5.58%	2,918	5.79%
2003	3,991	3.21%	3,874	4.00%	708	3.67%	836	3.71%	2,300	3.61%	2,986	4.25%
2004	3,764	2.74%	4,346	3.52%	628	3.18%	862	3.13%	2,248	3.65%	3,541	3.05%
Total	33,328	4.67%	29,970	5.30%	7,755	6.18%	8,181	6.26%	23,471	5.84%	27,006	6.15%

County : Otsego					County : Rensselaer				County : Saratoga			
Total OBD II Stations:		79			Total OBD II Stations:		136		Total OBD II Stations:		156	
Model Year	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed	Light Duty Vehicles Volume	Light Duty Vehicles % Failed	Light Duty Trucks Volume	Light Duty Trucks % Failed
1996	924	9.20%	711	10.69%	2,447	9.40%	1,591	10.37%	2,878	8.55%	1,831	11.31%
1997	1,176	9.18%	1,009	10.51%	3,145	8.81%	1,942	9.27%	3,838	7.87%	2,374	8.34%
1998	1,262	9.11%	1,297	9.02%	3,283	6.52%	2,423	8.63%	4,218	6.28%	3,003	6.79%
1999	1,428	7.35%	1,341	7.46%	3,736	6.34%	2,599	6.19%	4,920	5.65%	3,532	5.72%
2000	1,582	6.57%	1,608	5.85%	4,005	5.22%	3,019	5.23%	5,819	5.29%	4,382	4.91%
2001	1,653	5.93%	1,499	9.54%	3,715	6.27%	2,652	8.71%	5,722	5.71%	4,153	8.40%
2002	1,675	4.00%	1,769	6.39%	3,756	3.78%	3,103	4.71%	6,235	4.33%	5,266	5.20%
2003	1,746	3.61%	1,823	3.84%	3,657	3.06%	3,324	3.13%	6,364	3.41%	6,007	3.53%
2004	1,588	2.71%	2,080	3.17%	3,270	2.35%	3,554	2.67%	6,008	2.13%	6,810	2.28%
Total	14,847	5.53%	15,293	6.11%	34,462	5.15%	28,074	5.40%	52,602	4.61%	44,353	4.84%

Appendix D

Table D-2: Summary of OBD II Initial Test Volumes and Failure Rates by County in Upstate
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Schenectady					County : Schoharie				County : Schuyler			
Total OBD II Stations: 142					Total OBD II Stations: 43				Total OBD II Stations: 26			
Model Year	Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1996	2,693	9.17%	1,588	11.78%	540	8.52%	418	10.77%	404	6.19%	385	8.83%
1997	3,447	8.24%	1,965	9.72%	629	8.11%	509	10.81%	450	8.00%	401	6.73%
1998	3,612	6.62%	2,422	8.30%	612	10.78%	671	8.35%	437	5.95%	541	4.81%
1999	4,069	5.51%	2,895	6.11%	675	6.67%	677	5.17%	495	6.26%	461	5.64%
2000	4,710	5.37%	3,205	5.21%	756	7.41%	732	5.74%	478	3.77%	542	3.14%
2001	4,241	6.18%	2,928	7.68%	642	7.48%	686	10.35%	394	6.60%	469	8.53%
2002	4,468	4.30%	3,498	5.37%	660	5.91%	728	4.12%	406	5.42%	489	4.70%
2003	4,437	3.07%	3,771	3.45%	601	4.66%	714	3.78%	356	3.09%	477	2.94%
2004	4,098	2.56%	4,143	2.53%	518	2.70%	776	2.84%	275	2.55%	449	3.34%
Total	40,070	5.02%	30,536	5.34%	6,244	6.53%	6,744	5.90%	3,998	5.08%	4,697	4.77%

County : Seneca					County : Steuben				County : St Lawrence			
Total OBD II Stations: 37					Total OBD II Stations: 101				Total OBD II Stations: 126			
Model Year	Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1996	709	11.00%	466	13.52%	1,830	9.95%	1,643	10.71%	1,712	9.93%	1,468	10.42%
1997	771	9.99%	641	8.58%	2,272	9.95%	2,031	9.26%	1,961	10.50%	2,095	11.07%
1998	763	11.53%	800	9.38%	2,258	8.02%	2,385	7.97%	2,135	9.60%	2,397	8.84%
1999	812	6.53%	733	7.64%	2,391	7.28%	2,399	5.88%	2,254	5.86%	2,535	6.98%
2000	916	7.21%	860	6.28%	2,750	6.98%	2,808	5.41%	2,773	6.64%	2,936	5.62%
2001	843	6.76%	676	11.09%	2,380	6.60%	2,158	9.18%	2,304	7.42%	2,406	9.98%
2002	829	6.03%	734	6.40%	2,218	5.46%	2,600	5.04%	2,472	5.54%	2,993	5.98%
2003	869	4.60%	845	4.14%	2,156	3.99%	2,591	4.17%	2,444	4.01%	3,125	3.97%
2004	772	3.37%	898	4.23%	2,076	3.71%	3,146	4.35%	2,324	3.40%	3,214	3.89%
Total	8,145	6.78%	7,636	6.77%	22,621	6.42%	25,405	6.07%	22,886	6.25%	26,575	6.27%

Appendix D

Table D-2: Summary of OBD II Initial Test Volumes and Failure Rates by County in Upstate
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

County : Sullivan					County : Tioga					County : Tompkins				
Total OBD II Stations:		94			Total OBD II Stations:		53			Total OBD II Stations:		81		
Model Year	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed		
1996	1,091	11.18%	874	12.70%	927	7.98%	750	11.47%	1,615	8.11%	833	10.56%		
1997	1,296	12.73%	1,062	12.34%	1,125	8.71%	1,067	10.22%	1,932	8.39%	1,196	9.95%		
1998	1,351	9.62%	1,181	11.01%	1,031	6.40%	1,201	7.16%	2,165	7.02%	1,562	7.62%		
1999	1,402	7.99%	1,265	6.80%	1,220	6.39%	1,160	5.26%	2,270	6.56%	1,575	5.71%		
2000	1,621	7.03%	1,378	7.84%	1,289	4.03%	1,305	4.90%	2,600	5.19%	1,891	5.24%		
2001	1,403	9.12%	1,342	10.88%	1,083	6.65%	1,077	8.73%	2,494	5.33%	1,763	7.66%		
2002	1,427	6.31%	1,582	6.64%	1,101	4.09%	1,240	5.08%	2,249	4.58%	1,931	4.19%		
2003	1,354	3.99%	1,478	3.92%	987	3.75%	1,153	3.21%	2,234	2.91%	2,009	3.38%		
2004	1,338	2.91%	1,839	3.59%	907	2.54%	1,175	2.55%	2,083	2.98%	2,153	3.16%		
Total	13,812	7.10%	13,988	6.96%	10,465	5.27%	11,211	5.87%	21,784	5.14%	17,071	5.30%		

County : Ulster					County : Warren					County : Washington				
Total OBD II Stations:		150			Total OBD II Stations:		65			Total OBD II Stations:		63		
Model Year	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed	Light Duty Vehicles Volume	% Failed	Light Duty Trucks Volume	% Failed		
1996	3,065	9.10%	1,883	12.27%	1,157	10.11%	800	13.00%	1,032	11.24%	804	11.32%		
1997	3,896	9.68%	2,442	9.75%	1,477	10.22%	1,073	7.83%	1,157	9.85%	1,030	10.97%		
1998	4,183	7.72%	3,044	7.59%	1,618	7.48%	1,449	7.73%	1,178	8.74%	1,269	9.93%		
1999	4,562	6.31%	3,265	6.65%	1,836	6.26%	1,600	6.00%	1,169	7.44%	1,339	7.69%		
2000	5,049	5.55%	3,595	5.17%	2,167	6.00%	1,881	6.27%	1,350	6.81%	1,405	7.33%		
2001	4,715	6.09%	3,351	8.36%	2,269	5.55%	1,898	10.59%	1,092	6.78%	1,190	9.75%		
2002	4,656	4.15%	3,861	5.80%	2,486	4.42%	2,310	6.62%	1,122	5.26%	1,250	5.04%		
2003	4,567	3.66%	3,993	3.11%	2,717	3.57%	2,740	3.87%	1,008	3.27%	1,330	4.66%		
2004	4,217	3.30%	4,460	2.87%	2,816	2.84%	3,371	3.26%	843	1.66%	1,292	3.25%		
Total	43,091	5.58%	34,118	5.68%	21,569	5.09%	20,706	5.62%	10,847	6.45%	12,182	6.94%		

Appendix D

Table D-2: Summary of OBD II Initial Test Volumes and Failure Rates by County in Upstate
 (Based on Data Collected from 1/1/2007 to 12/31/2007)

Model Year	County : Wayne				County : Wyoming				County : Yates			
	Total OBD II Stations:		90		Total OBD II Stations:		53		Total OBD II Stations:		22	
	Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks		Light Duty Vehicles		Light Duty Trucks	
	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed	Volume	% Failed
1996	1,569	7.65%	1,200	9.92%	535	7.48%	476	8.19%	396	7.32%	332	10.54%
1997	1,789	8.66%	1,501	8.39%	693	9.09%	702	7.55%	447	6.94%	491	8.55%
1998	1,864	6.87%	1,836	8.22%	675	11.41%	888	8.56%	412	8.25%	520	7.31%
1999	2,118	6.33%	1,871	5.40%	751	7.46%	851	7.05%	521	5.57%	549	6.56%
2000	2,259	4.52%	2,242	4.86%	853	6.21%	936	5.45%	539	4.82%	648	4.94%
2001	2,071	6.08%	1,821	7.96%	724	7.87%	821	8.77%	441	6.35%	477	7.97%
2002	2,118	4.30%	2,099	4.95%	722	4.57%	1,072	5.32%	429	4.20%	598	7.69%
2003	2,068	3.14%	2,203	3.63%	780	3.33%	1,073	4.47%	413	4.36%	585	3.76%
2004	1,949	2.15%	2,287	3.63%	651	2.92%	1,111	3.15%	334	2.69%	699	4.43%
Total	19,784	5.01%	19,553	5.47%	7,121	6.12%	9,195	5.49%	4,295	5.24%	5,548	6.02%