
WISCONSIN
VEHICLE INSPECTION PROGRAM
ANNUAL REPORT
2018



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BACKGROUND

The Wisconsin Department of Transportation (WisDOT) implemented the Wisconsin Vehicle Inspection Program (WVIP) in April 1984 in response to the federal Clean Air Act requirements. A major focus of the Clean Air Act is to reduce emissions that form ground-level ozone. Motor vehicles, industries, and smaller area sources such as lawn mowers, power boats, paints, solvents and other consumer products emit these ozone precursors. Areas exceeding federal air quality standards – established under the Clean Air Act – are designated as non-attainment and are required by federal law to reduce emissions.

The WVIP is one of the primary components of the strategy to reduce air pollution in southeastern Wisconsin area. Each year, over 600,000 cars and light duty trucks in a seven county region of southeastern Wisconsin's ozone non-attainment area are tested for emissions. The program covers more than 2,500 square miles over seven counties: Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Washington, and Waukesha. Vehicles receive inspections in a decentralized network of approximately 200 private inspection facilities (PIF) located in all seven of the program counties. Vehicle population determines PIF distribution. At the end of calendar year 2018 the PIF per county totals were:

- Kenosha = 15
- Milwaukee = 65
- Racine = 18
- Sheboygan = 13
- Waukesha = 52
- Ozaukee = 8
- Washington = 19

The emissions tests are free to the motorist. The state of Wisconsin pays the program contractor, Opus Inspection, a monthly fee of \$216,330.00. The state Transportation and Petroleum Environmental Cleanup Fund Act (PECFA) funds pay for the program.

PROGRAM OVERVIEW

Geographical Area:	Seven southeastern Wisconsin counties: Sheboygan, Washington, Ozaukee, Waukesha, Milwaukee, Racine and Kenosha. Testing region covers 2,500 square miles.
Test Procedure:	OBDII testing, in which a vehicle's on-board computer is checked for emissions-related problems, is the standard test for all 1996 and newer gasoline-fueled vehicles equipped with OBDII technology and all 2007 and newer diesel-fueled vehicles equipped with OBDII technology.
Network Size:	200 Private Inspection Facilities, 200 inspection lanes, 4 Technical Assistance Centers
Model Years (MY) Tested	<i>Registration Renewal Testing:</i> Model Years 1996 through 2015

- Model year 1996-2006 gasoline-fueled vehicles up to 8,500 lbs. gross vehicle weight rating
- Model year 2007 and newer gasoline-fueled and diesel-fueled vehicles between 8,501 and 14,000 lbs., gross vehicle weight rating

Change of Ownership: Model year 2013 and older in CY 2018

QUALITY CONTROL/QUALITY ASSURANCE

The WIVIP has several interrelated systems and functions monitoring program performance and accuracy. These systems include digital monitoring of all inspections, trigger reports alerting program management to any testing anomaly, videos of each inspection process, regular overt station checking on equipment performance and covert inspection audits.

The digital monitoring/trigger report capabilities enable constant program monitoring of inspection accuracy. Program management uses this tool to identify and remedy any potential issue. The regular station audits verify the accuracy of program functions at each PIF, the inspector's and inspection analyzer.

NETWORK

The WIVIP is a decentralized test and repair network comprised of 200 Private Inspection Facilities located throughout the seven county program region. The stations receive all analyzer equipment, service, consumables and inspector training, free of charge from Opus Inspection, the program management company. The list of PIFs participating in the network in 2016, and their locations, are attached in Table III.

PROGRAM RATIONALE

Elevated spring and summertime ozone levels remain an air quality challenge along the coast of Lake Michigan, including Southeastern Wisconsin. Despite significant improvements in air quality in recent years, the state has several areas (Sheboygan County and parts of Kenosha, Milwaukee, Ozaukee, Manitowoc and Door Counties) that are in nonattainment of federal ozone standards.

MOTOR VEHICLE EMISSION REDUCTIONS & AIR QUALITY IMPROVEMENT

Motor vehicle emissions have a substantial role in determining regional air quality. Along with reformulated gasoline use, the Wisconsin Vehicle Inspection Program (WVIP) is Wisconsin's most significant vehicle emission reduction program, and one that contributes to improved air quality in the entire upper Midwest.

The Wisconsin Department of Natural Resources (DNR) estimates that the program achieved the following reductions in on-road motor vehicle emissions during 2018:

- Volatile organic compounds (VOC) emissions reduced by 1.56 tons per summer weekday, or 7.1%.
- Oxides of nitrogen (NOx) emissions reduced by 1.78 tons per summer weekday, or 4.6%.
- Carbon monoxide (CO) emissions reduced by 32.21 tons per summer weekday, or 10.3%.

Hot Summer Weekday Emissions (tons) For On-Road Motor Vehicles

		Volatile Organic Compounds (VOC)					
		2005	2008	2011	2014	2017	2018
No WVIP	6 SE Counties	52.44	45.88	40.78	29.16	22.15	20.49
No WVIP	Sheboygan Co.	3.54	3.06	2.61	1.94	1.56	1.44
No WVIP	All 7 Counties	55.98	48.94	43.39	31.10	23.71	21.93
WVIP	6 SE Counties	46.62	40.66	38.47	27.16	20.64	19.03
WVIP	Sheboygan Co.	3.21	2.74	2.46	1.81	1.45	1.34
WVIP	All 7 Counties	49.83	43.39	40.93	28.97	22.09	20.37
WVIP Reductions (tons)		6.16	5.54	2.46	2.13	1.62	1.56
WVIP Reductions (%)		11.0%	11.3%	5.7%	6.9%	6.8%	7.1%

		Oxides of Nitrogen (NOx)					
		2005	2008	2011	2014	2017	2018
No WVIP	6 SE Counties	117.13	97.32	83.73	60.05	40.22	35.99
No WVIP	Sheboygan Co.	8.38	6.78	5.70	4.24	2.60	2.33
No WVIP	All 7 Counties	125.51	104.10	89.43	64.28	42.82	38.32
WVIP	6 SE Counties	110.05	90.92	79.90	56.91	38.42	34.33
WVIP	Sheboygan Co.	7.93	6.37	5.45	4.03	2.47	2.21
WVIP	All 7 Counties	117.98	97.29	85.35	60.94	40.89	36.54
WVIP Reductions (tons)		7.53	6.80	4.09	3.35	1.93	1.78
WVIP Reductions (%)		6.0%	6.5%	4.6%	5.2%	4.5%	4.6%

		Carbon Monoxide (CO)					
		2005	2008	2011	2014	2017	2018
No WVIP	6 SE Counties	581.06	515.70	476.11	369.35	307.79	291.50
No WVIP	Sheboygan Co.	38.68	33.01	28.31	24.37	21.12	20.03
No WVIP	All 7 Counties	619.74	548.71	504.42	393.72	328.91	311.52
WVIP	6 SE Counties	516.87	457.03	440.70	335.67	277.14	261.37
WVIP	Sheboygan Co.	34.91	29.53	26.13	22.13	19.00	17.94
WVIP	All 7 Counties	551.78	486.56	466.83	357.80	296.14	279.32
WVIP Reductions (tons)		67.95	62.15	37.59	35.92	32.77	32.21
WVIP Reductions (%)		11.0%	11.3%	7.5%	9.1%	10.0%	10.3%

NOTES:

1. The "6 SE Counties" are Kenosha, Milwaukee, Ozaukee, Racine, Washington and Waukesha Counties.
2. Emissions calculated using U.S. EPA's MOVES_{2014b} model.
3. Emissions calculated for the year 2018 are preliminary, since local 2018 vehicle-miles of travel data are not yet available. Instead the 2018 vehicle-miles of travel was estimated by applying a national growth rate to the 2017 vehicle-miles of travel.
4. In July 2008, the WVIP dropped tailpipe testing entirely and only tested vehicles of model years 1996 and newer by scanning their on-board diagnostic (OBD) systems. This exempted all vehicles of model years 1995 and older, resulting in lower emission reduction percentages after 2008 than before. After 2008, the emission reduction percentages show a generally increasing trend on account of an increasing percentage of the total vehicle travel by the tested vehicles (model year 1996 and newer vehicles).
5. The one exception to the trend of increasing emission reduction percentages after 2008 is the trend for NO_x. The NO_x reductions in 2017 and 2018 (4.5% and 4.6%, respectively) are less than the 2014 NO_x reduction (5.2%). This is because the regulatory gasoline sulfur levels in 2017 and 2018 were significantly less than they were in 2014. These lower gasoline sulfur levels significantly reduced the NO_x emissions from gasoline-powered vehicles (most of which are subject to the WVIP), thus, providing a smaller share of on-road emissions from vehicles subject to the WVIP and a larger share of on-road emissions from vehicles not subject to the WVIP (e.g., heavy-duty diesel-powered trucks).

Over time, the WVIP has contributed to the following air quality improvements in Wisconsin:

Ozone: Ground-level ozone concentrations in southeastern Wisconsin have dropped significantly since the year 2000, as shown in the figure below. During the late 1990s and early 2000s, maximum ozone design values ranged from 0.092 parts per million (ppm) to 0.101 ppm in the WVIP area. These values decreased markedly over the subsequent ten to fifteen years, to a peak design value of 0.081 ppm for the years 2016 to 2018.

During that period, U.S. EPA has repeatedly lowered the level of the 8-hour ozone standard, from 0.08 ppm in 1997 to 0.070 ppm in 2015. Ten counties in eastern Wisconsin (including all seven in the WVIP) were designated as nonattainment for the 1997 standard. All but one of these counties (Sheboygan County) were redesignated to attainment before the standard was revoked in 2015. Two areas of the state, Sheboygan County and eastern Kenosha County, were designated nonattainment for the 2008 standard. Effective August 3, 2018, the U.S. EPA designated nonattainment areas under the more stringent 2015 ozone standard. These nonattainment areas comprise narrow parts of six eastern Wisconsin counties (Kenosha, Milwaukee, Ozaukee, Sheboygan, Manitowoc and Door). The WVIP will play an important, ongoing role in the state's efforts to attain this more stringent standard and to maintain attainment throughout all of eastern Wisconsin.

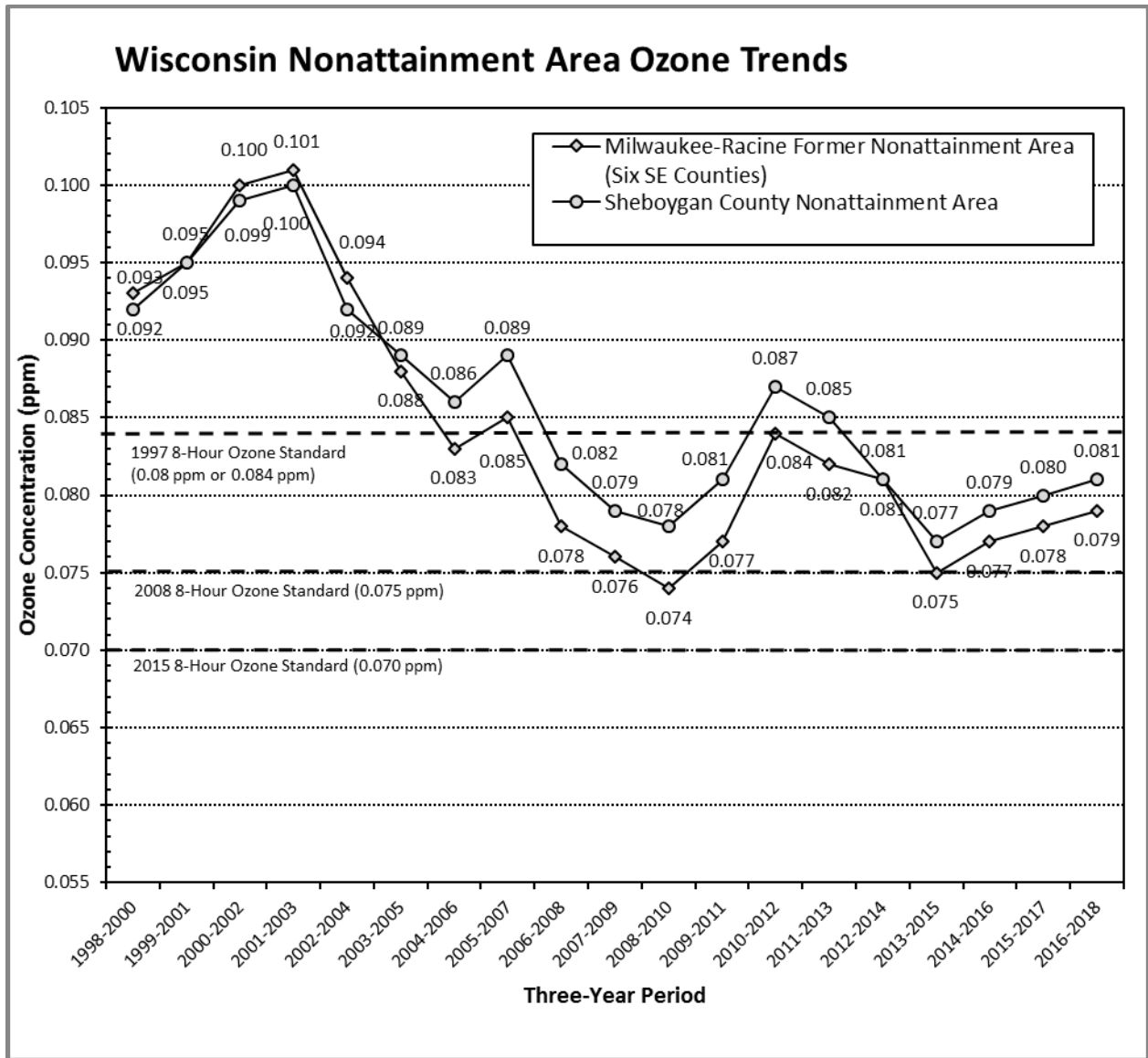


Figure 1. Trends in ozone design values for the Wisconsin Vehicle Inspection Program area. The highest value in the area is shown in each case. Note that since temperature has a strong influence on ozone concentrations, the values are highest for the time periods including hot summers, most notably the years 2002, 2005 and 2012.

Carbon Monoxide: Between 1977 and 1984, southeastern Wisconsin exceeded the federal carbon monoxide standard 35 times. Since the program’s implementation in 1984, southeastern Wisconsin has not exceeded this standard.

Credit for these air quality improvements goes to various state and federal ozone control measures implemented both in Wisconsin and other states. Aside from Wisconsin’s and neighboring states’ vehicle inspection and maintenance programs, these include reformulated gasoline, national emission standards for new motor vehicles, national fuel standards, utility and industrial source controls, and gasoline vapor recovery controls.

TEST DATA REPORT

OPERATING STATISTICS

ALL TESTS

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(1) The number of vehicles tested by model year and vehicle type.

The tests represented in the table below include test records for initial tests, retests and waivers. It contains all test results, including pass, fail, waivers, aborts, rejects and voids. All tables in this section do not include test records that were performed in the course of the state audits.

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
1996	2,590	316	624	114	3,644
1997	8,971	614	2,836	277	12,698
1998	3,565	406	982	143	5,096
1999	17,619	1,361	3,841	508	23,329
2000	7,014	667	1,374	366	9,421
2001	26,437	1,841	5,890	877	35,045
2002	10,161	1,324	1,537	459	13,481
2003	40,791	3,246	6,731	1,296	52,064
2004	12,014	1,893	1,751	554	16,212
2005	54,059	3,859	7,008	2,131	67,057
2006	13,547	1,737	1,348	774	17,406
2007	62,342	4,559	7,198	1,466	75,565
2008	13,917	2,195	1,689	771	18,572
2009	47,055	2,780	4,431	784	55,050
2010	10,611	1,589	1,155	484	13,839
2011	58,677	4,456	7,361	1,169	71,663
2012	12,413	2,001	1,501	580	16,495
2013	67,607	9,527	8,086	1,932	87,152
2014	5,669	1,271	803	377	8,120
2015	39,280	29,308	9,335	6,449	84,372
2016	1,885	1,410	422	282	3,999
2017	426	188	55	46	715
2018	96	55	19	11	181
2019	3	5	5		13
GRAND TOTAL	516,749	76,608	75,982	21,850	691,189

INITIAL TESTS

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2)(i) The number of vehicles tested by model year and vehicle type failing by test type.

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
1996	2,293	299	521	100	3,213
INITIAL FAIL	241	41	69	12	363
INITIAL PASS	2,052	258	452	88	2,850
FAILURE RATE	10.5%	13.7%	13.2%	12.0%	11.3%
1997	8,243	572	2,476	207	11,498
INITIAL FAIL	748	81	247	55	1,131
INITIAL PASS	7,495	491	2,229	152	10,367
FAILURE RATE	9.1%	14.2%	10.0%	26.6%	9.8%
1998	3,100	381	783	111	4,375
INITIAL FAIL	385	60	115	13	573
INITIAL PASS	2,715	321	668	98	3,802
FAILURE RATE	12.4%	15.7%	14.7%	11.7%	13.1%
1999	16,159	1,219	3,268	392	21,038
INITIAL FAIL	1,573	175	259	57	2,064
INITIAL PASS	14,586	1,044	3,009	335	18,974
FAILURE RATE	9.7%	14.4%	7.9%	14.5%	9.8%
2000	6,145	612	1,121	282	8,160
INITIAL FAIL	756	67	105	41	969
INITIAL PASS	5,389	545	1,016	241	7,191
FAILURE RATE	12.3%	10.9%	9.4%	14.5%	11.9%
2001	23,856	1,653	4,932	621	31,062
INITIAL FAIL	2,803	231	415	116	3,565
INITIAL PASS	21,053	1,422	4,517	505	27,497
FAILURE RATE	11.7%	14.0%	8.4%	18.7%	11.5%
2002	8,819	1,241	1,271	375	11,706
INITIAL FAIL	1,122	174	87	64	1,447
INITIAL PASS	7,697	1,067	1,184	311	10,259
FAILURE RATE	12.7%	14.0%	6.8%	17.1%	12.4%
2003	37,688	3,018	5,619	1,025	47,350
INITIAL FAIL	3,295	294	347	121	4,057
INITIAL PASS	34,393	2,724	5,272	904	43,293
FAILURE RATE	8.7%	9.7%	6.2%	11.8%	8.6%
2004	10,816	1,802	1,449	467	14,534
INITIAL FAIL	988	169	114	55	1,326
INITIAL PASS	9,828	1,633	1,335	412	13,208

MODEL YEAR		PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
	FAILURE RATE	9.1%	9.4%	7.9%	11.8%	9.1%
2005		50,942	3,679	6,218	1,817	62,656
	INITIAL FAIL	3,301	260	313	142	4,016
	INITIAL PASS	47,641	3,419	5,905	1,675	58,640
	FAILURE RATE	6.5%	7.1%	5.0%	7.8%	6.4%
2006		12,406	1,681	1,154	641	15,882
	INITIAL FAIL	863	131	62	46	1,102
	INITIAL PASS	11,543	1,550	1,092	595	14,780
	FAILURE RATE	7.0%	7.8%	5.4%	7.2%	6.9%
2007		59,677	4,406	6,912	1,389	72,384
	INITIAL FAIL	2,632	253	306	93	3,284
	INITIAL PASS	57,045	4,153	6,606	1,296	69,100
	FAILURE RATE	4.4%	5.7%	4.4%	6.7%	4.5%
2008		13,084	2,154	1,604	748	17,590
	INITIAL FAIL	614	93	76	36	819
	INITIAL PASS	12,470	2,061	1,528	712	16,771
	FAILURE RATE	4.7%	4.3%	4.7%	4.8%	4.7%
2009		45,729	2,694	4,332	756	53,511
	INITIAL FAIL	1,262	114	108	43	1,527
	INITIAL PASS	44,467	2,580	4,224	713	51,984
	FAILURE RATE	2.8%	4.2%	2.5%	5.7%	2.9%
2010		10,227	1,570	1,120	470	13,387
	INITIAL FAIL	263	43	22	25	353
	INITIAL PASS	9,964	1,527	1,098	445	13,034
	FAILURE RATE	2.6%	2.7%	2.0%	5.3%	2.6%
2011		57,564	4,410	7,261	1,135	70,370
	INITIAL FAIL	1,094	94	95	47	1,330
	INITIAL PASS	56,470	4,316	7,166	1,088	69,040
	FAILURE RATE	1.9%	2.1%	1.3%	4.1%	1.9%
2012		12,077	1,991	1,463	573	16,104
	INITIAL FAIL	252	28	24	20	324
	INITIAL PASS	11,825	1,963	1,439	553	15,780
	FAILURE RATE	2.1%	1.4%	1.6%	3.5%	2.0%
2013		66,775	9,499	7,982	1,919	86,175
	INITIAL FAIL	707	81	84	30	902
	INITIAL PASS	66,068	9,418	7,898	1,889	85,273
	FAILURE RATE	1.1%	0.9%	1.1%	1.6%	1.0%
2014		5,408	1,266	788	371	7,833
	INITIAL FAIL	63	12	8	6	89
	INITIAL PASS	5,345	1,254	780	365	7,744
	FAILURE RATE	1.2%	0.9%	1.0%	1.6%	1.1%
2015		38,973	29,273	9,281	6,435	83,962
	INITIAL FAIL	162	111	46	28	347

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
INITIAL PASS	38,811	29,162	9,235	6,407	83,615
FAILURE RATE	0.4%	0.4%	0.5%	0.4%	0.4%
2016	1,860	1,404	421	281	3,966
INITIAL FAIL	12	7	1	6	26
INITIAL PASS	1,848	1,397	420	275	3,940
FAILURE RATE	0.6%	0.5%	0.2%	2.1%	0.7%
2017	420	185	55	46	706
INITIAL FAIL	5	2	-	-	7
INITIAL PASS	415	183	55	46	699
FAILURE RATE	1.2%	1.1%	0.0%	0.0%	1.0%
2018	96	55	18	11	180
INITIAL FAIL	-	1	-	2	3
INITIAL PASS	96	54	18	9	177
FAILURE RATE	0.0%	1.8%	0.0%	18.2%	1.7%
2019	3	5	5	0	13
INITIAL FAIL	0	0	0	0	0
INITIAL PASS	3	5	5	0	13
FAILURE RATE	0.0%	0.0%	0.0%	#DIV/0!	0.0%
GRAND TOTAL	492,360	75,069	70,054	20,172	657,655
INITIAL FAIL	23,141	2,522	2,903	1,058	29,624
INITIAL PASS	469,219	72,547	67,151	19,114	628,031
FAILURE RATE	4.7%	3.4%	4.1%	5.2%	4.5%

RETEST RESULTS

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2) (ii) – (iii) The number of vehicles tested by model year and vehicle type passing or failing the first retest.

Model Year	Passenger Car	SUV	Truck	Van	Grand Total
1996	206	7	53	3	269
1st Retest Fail	54	1	15	2	72
1st Retest Pass	152	6	38	1	197
Fail Rate	26.2%	14.3%	28.3%	66.7%	26.8%
Pass Rate	73.8%	85.7%	71.7%	33.3%	73.2%
1997	564	27	174	18	783
1st Retest Fail	151	8	37	3	199
1st Retest Pass	413	19	137	15	584
Fail Rate	26.8%	29.6%	21.3%	16.7%	25.4%
Pass Rate	73.2%	70.4%	78.7%	83.3%	74.6%
1998	344	17	90	6	457
1st Retest Fail	84	5	31	4	124
1st Retest Pass	260	12	59	2	333
Fail Rate	24.4%	29.4%	34.4%	66.7%	27.1%
Pass Rate	75.6%	70.6%	65.6%	33.3%	72.9%
1999	1,174	93	193	29	1,489
1st Retest Fail	275	21	31	8	335
1st Retest Pass	899	72	162	21	1,154
Fail Rate	23.4%	22.6%	16.1%	27.6%	22.5%
Pass Rate	76.6%	77.4%	83.9%	72.4%	77.5%
2000	643	27	102	21	793
1st Retest Fail	202	5	20	8	235
1st Retest Pass	441	22	82	13	558
Fail Rate	31.4%	18.5%	19.6%	38.1%	29.6%
Pass Rate	68.6%	81.5%	80.4%	61.9%	70.4%
2001	2,069	104	322	69	2,564
1st Retest Fail	481	26	49	21	577
1st Retest Pass	1,588	78	273	48	1,987
Fail Rate	23.2%	25.0%	15.2%	30.4%	22.5%
Pass Rate	76.8%	75.0%	84.8%	69.6%	77.5%
2002	1,028	52	94	10	1,184
1st Retest Fail	284	14	20	5	323
1st Retest Pass	744	38	74	5	861
Fail Rate	27.6%	26.9%	21.3%	50.0%	27.3%
Pass Rate	72.4%	73.1%	78.7%	50.0%	72.7%
2003	2,572	133	305	53	3,063
1st Retest Fail	482	20	40	8	550

Model Year	Passenger Car	SUV	Truck	Van	Grand Total
1st Retest Pass	2,090	113	265	45	2,513
Fail Rate	18.7%	15.0%	13.1%	15.1%	18.0%
Pass Rate	81.3%	85.0%	86.9%	84.9%	82.0%
2004	921	54	104	14	1,093
1st Retest Fail	218	12	20	4	254
1st Retest Pass	703	42	84	10	839
Fail Rate	23.7%	22.2%	19.2%	28.6%	23.2%
Pass Rate	76.3%	77.8%	80.8%	71.4%	76.8%
2005	2,581	118	238	59	2,996
1st Retest Fail	460	19	28	5	512
1st Retest Pass	2,121	99	210	54	2,484
Fail Rate	17.8%	16.1%	11.8%	8.5%	17.1%
Pass Rate	82.2%	83.9%	88.2%	91.5%	82.9%
2006	894	30	60	19	1,003
1st Retest Fail	184	10	7	6	207
1st Retest Pass	710	20	53	13	796
Fail Rate	20.6%	33.3%	11.7%	31.6%	20.6%
Pass Rate	79.4%	66.7%	88.3%	68.4%	79.4%
2007	2,166	118	240	59	2,583
1st Retest Fail	309	12	21	11	353
1st Retest Pass	1,857	106	219	48	2,230
Fail Rate	14.3%	10.2%	8.8%	18.6%	13.7%
Pass Rate	85.7%	89.8%	91.3%	81.4%	86.3%
2008	644	30	74	15	763
1st Retest Fail	121	7	8	7	143
1st Retest Pass	523	23	66	8	620
Fail Rate	18.8%	23.3%	10.8%	46.7%	18.7%
Pass Rate	81.2%	76.7%	89.2%	53.3%	81.3%
2009	1,111	73	87	20	1,291
1st Retest Fail	167	9	6	4	186
1st Retest Pass	944	64	81	16	1,105
Fail Rate	15.0%	12.3%	6.9%	20.0%	14.4%
Pass Rate	85.0%	87.7%	93.1%	80.0%	85.6%
2010	295	13	28	9	345
1st Retest Fail	49	4		1	54
1st Retest Pass	246	9	28	8	291
Fail Rate	16.6%	30.8%	0.0%	11.1%	15.7%
Pass Rate	83.4%	69.2%	100.0%	88.9%	84.3%
2011	935	41	75	31	1,082
1st Retest Fail	71	5	5	2	83
1st Retest Pass	864	36	70	29	999
Fail Rate	7.6%	12.2%	6.7%	6.5%	7.7%
Pass Rate	92.4%	87.8%	93.3%	93.5%	92.3%

Model Year	Passenger Car	SUV	Truck	Van	Grand Total
2012	263	9	29	7	308
1st Retest Fail	31	1	1	1	34
1st Retest Pass	232	8	28	6	274
Fail Rate	11.8%	11.1%	3.4%	14.3%	11.0%
Pass Rate	88.2%	88.9%	96.6%	85.7%	89.0%
2013	660	17	68	11	756
1st Retest Fail	50	1	6	2	59
1st Retest Pass	610	16	62	9	697
Fail Rate	7.6%	5.9%	8.8%	18.2%	7.8%
Pass Rate	92.4%	94.1%	91.2%	81.8%	92.2%
2014	72	3	8	4	87
1st Retest Fail	12		1	1	14
1st Retest Pass	60	3	7	3	73
Fail Rate	16.7%	0.0%	12.5%	25.0%	16.1%
Pass Rate	83.3%	100.0%	87.5%	75.0%	83.9%
2015	236	12	40	7	295
1st Retest Fail	15	2	4	1	22
1st Retest Pass	221	10	36	6	273
Fail Rate	6.4%	16.7%	10.0%	14.3%	7.5%
Pass Rate	93.6%	83.3%	90.0%	85.7%	92.5%
2016	12	1	-	-	13
1st Retest Fail	-	1	-	-	1
1st Retest Pass	12	-	-	-	12
Fail Rate	0.0%	100.0%	#DIV/o!	#DIV/o!	7.7%
Pass Rate	100.0%	0.0%	#DIV/o!	#DIV/o!	92.3%
2017	5				5
1st Retest Fail	-	-	-	-	-
1st Retest Pass	5	-	-	-	5
Fail Rate	0.0%	#DIV/o!	#DIV/o!	#DIV/o!	0.0%
Pass Rate	100.0%	#DIV/o!	#DIV/o!	#DIV/o!	100.0%
Grand Total	19,395	979	2,384	464	23,222
1st Retest Fail	3,700	183	350	104	4,337
1st Retest Pass	15,695	796	2,034	360	18,885
Fail Rate	19.1%	18.7%	14.7%	22.4%	18.7%
Pass Rate	80.9%	81.3%	85.3%	77.6%	81.3%

SUBSEQUENT RETESTS

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2) (iv) The number of vehicles tested by model year and vehicle type that initially failed and passed the second or subsequent retest.

Subsequent Retest By MY	Passenger Car	SUV	Truck	Van	Grand Total
1996	53	2	15	2	72
Subsequent Retest Fail	25	2	7	2	36
Subsequent Retest Pass	28	-	8	-	36
Fail Rate	47.2%	100.0%	46.7%	100.0%	50.0%
Pass Rate	52.8%	0.0%	53.3%	0.0%	50.0%
1997	135	9	37	2	183
Subsequent Retest Fail	52	5	17	-	74
Subsequent Retest Pass	83	4	20	2	109
Fail Rate	38.5%	55.6%	45.9%	0.0%	40.4%
Pass Rate	61.5%	44.4%	54.1%	100.0%	59.6%
1998	105	7	38	1	151
Subsequent Retest Fail	56	6	21	-	83
Subsequent Retest Pass	49	1	17	1	68
Fail Rate	53.3%	85.7%	55.3%	0.0%	55.0%
Pass Rate	46.7%	14.3%	44.7%	100.0%	45.0%
1999	233	29	30	6	298
Subsequent Retest Fail	108	15	7	3	133
Subsequent Retest Pass	125	14	23	3	165
Fail Rate	46.4%	51.7%	23.3%	50.0%	44.6%
Pass Rate	53.6%	48.3%	76.7%	50.0%	55.4%
2000	190	9	26	6	231
Subsequent Retest Fail	84	4	12	2	102
Subsequent Retest Pass	106	5	14	4	129
Fail Rate	44.2%	44.4%	46.2%	33.3%	44.2%
Pass Rate	55.8%	55.6%	53.8%	66.7%	55.8%
2001	440	25	46	20	531
Subsequent Retest Fail	165	10	13	11	199
Subsequent Retest Pass	275	15	33	9	332
Fail Rate	37.5%	40.0%	28.3%	55.0%	37.5%
Pass Rate	62.5%	60.0%	71.7%	45.0%	62.5%
2002	284	12	22	10	328
Subsequent Retest Fail	116	3	8	7	134
Subsequent Retest Pass	168	9	14	3	194
Fail Rate	40.8%	25.0%	36.4%	70.0%	40.9%
Pass Rate	59.2%	75.0%	63.6%	30.0%	59.1%

Subsequent Retest By MY	Passenger Car	SUV	Truck	Van	Grand Total
2003	423	21	40	9	493
Subsequent Retest Fail	146	9	16	3	174
Subsequent Retest Pass	277	12	24	6	319
Fail Rate	34.5%	42.9%	40.0%	33.3%	35.3%
Pass Rate	65.5%	57.1%	60.0%	66.7%	64.7%
2004	223	15	26	3	267
Subsequent Retest Fail	88	10	4	1	103
Subsequent Retest Pass	135	5	22	2	164
Fail Rate	39.5%	66.7%	15.4%	33.3%	38.6%
Pass Rate	60.5%	33.3%	84.6%	66.7%	61.4%
2005	415	20	29	14	478
Subsequent Retest Fail	134	6	5	5	150
Subsequent Retest Pass	281	14	24	9	328
Fail Rate	32.3%	30.0%	17.2%	35.7%	31.4%
Pass Rate	67.7%	70.0%	82.8%	64.3%	68.6%
2006	196	18	9	3	226
Subsequent Retest Fail	85	10	1	1	97
Subsequent Retest Pass	111	8	8	2	129
Fail Rate	43.4%	55.6%	11.1%	33.3%	42.9%
Pass Rate	56.6%	44.4%	88.9%	66.7%	57.1%
2007	368	30	26	16	440
Subsequent Retest Fail	184	15	10	3	212
Subsequent Retest Pass	184	15	16	13	228
Fail Rate	50.0%	50.0%	38.5%	18.8%	48.2%
Pass Rate	50.0%	50.0%	61.5%	81.3%	51.8%
2008	131	5	5	7	148
Subsequent Retest Fail	39	-	-	4	43
Subsequent Retest Pass	92	5	5	3	105
Fail Rate	29.8%	0.0%	0.0%	57.1%	29.1%
Pass Rate	70.2%	100.0%	100.0%	42.9%	70.9%
2009	138	6	4	7	155
Subsequent Retest Fail	38	1		3	42
Subsequent Retest Pass	100	5	4	4	113
Fail Rate	27.5%	16.7%	0.0%	42.9%	27.1%
Pass Rate	72.5%	83.3%	100.0%	57.1%	72.9%
2010	63	1	4	3	71
Subsequent Retest Fail	20	1	1	2	24
Subsequent Retest Pass	43	-	3	1	47
Fail Rate	31.7%	100.0%	25.0%	66.7%	33.8%
Pass Rate	68.3%	0.0%	75.0%	33.3%	66.2%
2011	62	2	4	1	69
Subsequent Retest Fail	18	1	1	-	20
Subsequent Retest Pass	44	1	3	1	49

Subsequent Retest By MY	Passenger Car	SUV	Truck	Van	Grand Total
Fail Rate	29.0%	50.0%	25.0%	0.0%	29.0%
Pass Rate	71.0%	50.0%	75.0%	100.0%	71.0%
2012	35	1	1	-	37
Subsequent Retest Fail	10	-	-	-	10
Subsequent Retest Pass	25	1	1	-	27
Fail Rate	28.6%	0.0%	0.0%	#DIV/o!	27.0%
Pass Rate	71.4%	100.0%	100.0%	#DIV/o!	73.0%
2013	45	3	5	-	53
Subsequent Retest Fail	12	1	-	-	13
Subsequent Retest Pass	33	2	5	-	40
Fail Rate	26.7%	33.3%	0.0%	#DIV/o!	24.5%
Pass Rate	73.3%	66.7%	100.0%	#DIV/o!	75.5%
2014	162	-	1	-	163
Subsequent Retest Fail	153	-	-	-	153
Subsequent Retest Pass	9	-	1	-	10
Fail Rate	94.4%	#DIV/o!	0.0%	#DIV/o!	93.9%
Pass Rate	5.6%	#DIV/o!	100.0%	#DIV/o!	6.1%
2015	19	-	4	-	23
Subsequent Retest Fail	4	-	-	-	4
Subsequent Retest Pass	15	-	4	-	19
Fail Rate	21.0%				17.4%
Pass Rate	79.0%				82.6%
Grand Total	3,720	215	372	110	4,417
Subsequent Retest Fail	1,537	99	123	47	1,806
Subsequent Retest Pass	2,183	116	249	63	2,611
Fail Rate	41.3%	46.0%	33.1%	42.7%	40.9%
Pass Rate	58.7%	54.0%	66.9%	57.3%	59.1%

VEHICLE WAIVERS

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2) (v) The number of vehicles tested by model year and vehicle type receiving a waiver.

A motorist may request a waiver from further inspection requirements for the current inspection cycle if the vehicle fails a second retest after repairs. In general, a waiver may be granted if the motorist exceeds the cost limit on emission-related repairs and adjustments at a recognized repair facility. The waiver repair cost limit excludes emission system warranty repairs and the repair/replacement of tampered emission control devices identified during the equipment check.

Vehicle owners can also apply for a waiver if their vehicles continue to fail the emissions test. A vehicle is eligible for a waiver when the following conditions are met:

1. The vehicle has failed an emissions inspection and following repair and re-inspection, it still does not meet test requirements. Repairs made over 180 days prior to the expiration of the license plate cannot be applied to the waiver repair cost limit.
2. The vehicle has passed a waiver emission equipment inspection to determine if emission control equipment is missing, modified or disconnected.

The Vehicle Inspection Reports (VIR) has been presented to the Waiver Investigator at the time a waiver is requested. The REPAIR DATA section of these reports has been completed in accordance with instructions provided on the report form. Motorists must bring their vehicle and itemized receipts for parts and labor to verify the emission related repairs.

1. For all vehicles which exceed the terms of the manufacturer's emission performance or defect warranty coverage at the time of the scheduled emission inspection, the owner must have emission related repairs performed on the vehicle at a recognized repair facility.
2. The actual costs of emission related repairs and adjustments exceed the repair cost limit for that vehicle's county of domicile. Only repairs that are related to the vehicle's cause of failure can be used to apply for a cost waiver. Costs covered by any warranty or costs to repair/replace emission control equipment that has been removed, modified or disconnected are excluded.
3. Until July 1, 2018, the repair cost limit for all model year vehicles subject to testing was \$879.00. The waiver repair cost limit was adjusted to \$896 on July 1, 2018. This figure is adjusted annually by the DNR per NR 485.045.

The following chart illustrates the cost waivers granted in 2018 by model year. Since odd model year vehicles were tested in 2018, they account for the majority of the waivers.

Model Year	Initial Fail	Cost Waiver	Diagnostic Waiver	Grand Total	Waiver Rate
1996	363	2		2	0.6%
<i>Passenger Car</i>	241				0.0%
<i>SUV</i>	41	2		2	4.9%
<i>Truck</i>	69				0.0%
<i>Van</i>	12				0.0%
1997	1,131	2	2	4	0.4%
<i>Passenger Car</i>	748		2	2	0.3%
<i>SUV</i>	81	1		1	1.2%
<i>Truck</i>	247	1		1	0.4%
<i>Van</i>	55				0.0%
1998	573	3	1	4	0.7%
<i>Passenger Car</i>	385	2	1	3	0.8%
<i>SUV</i>	60				0.0%
<i>Truck</i>	115	1		1	0.9%
<i>Van</i>	13				0.0%
1999	2,064	1		1	0.0%
<i>Passenger Car</i>	1,573				0.0%
<i>SUV</i>	175				0.0%
<i>Truck</i>	259				0.0%
<i>Van</i>	57	1		1	1.8%
2000	969	2	1	3	0.3%
<i>Passenger Car</i>	756	1	1	2	0.3%
<i>SUV</i>	67	1		1	1.5%
<i>Truck</i>	105				0.0%
<i>Van</i>	41				0.0%
2001	3,565	7		7	0.2%
<i>Passenger Car</i>	2,803	6		6	0.2%
<i>SUV</i>	231	1		1	0.4%
<i>Truck</i>	415				0.0%
<i>Van</i>	116				0.0%
2002	1,447	2		2	0.1%
<i>Passenger Car</i>	1,122				0.0%
<i>SUV</i>	174				0.0%
<i>Truck</i>	87	1		1	1.1%
<i>Van</i>	64	1		1	1.6%
2003	4,057	11	2	13	0.3%
<i>Passenger Car</i>	3,295	6		6	0.2%
<i>SUV</i>	294	2		2	0.7%
<i>Truck</i>	347	2	2	4	1.2%
<i>Van</i>	121	1		1	0.8%
2004	1,326	11		11	0.8%
<i>Passenger Car</i>	988	6		6	0.6%
<i>SUV</i>	169	5		5	3.0%

Model Year	Initial Fail	Cost Waiver	Diagnostic Waiver	Grand Total	Waiver Rate
<i>Truck</i>	114				0.0%
<i>Van</i>	55				0.0%
2005	4,016	9	3	12	0.3%
<i>Passenger Car</i>	3,301	4	3	7	0.2%
<i>SUV</i>	260	4		4	1.5%
<i>Truck</i>	313	1		1	0.3%
<i>Van</i>	142				0.0%
2006	1,102	9		9	0.8%
<i>Passenger Car</i>	863	3		3	0.3%
<i>SUV</i>	131	3		3	2.3%
<i>Truck</i>	62	2		2	3.2%
<i>Van</i>	46	1		1	2.2%
2007	3,284	7		7	0.2%
<i>Passenger Car</i>	2,632	2		2	0.1%
<i>SUV</i>	253	4		4	1.6%
<i>Truck</i>	306	1		1	0.3%
<i>Van</i>	93				0.0%
2008	819	10		10	1.2%
<i>Passenger Car</i>	614	5		5	0.8%
<i>SUV</i>	93	4		4	4.3%
<i>Truck</i>	76				0.0%
<i>Van</i>	36	1		1	2.8%
2009	1,527	5		5	0.3%
<i>Passenger Car</i>	1,262	2		2	0.2%
<i>SUV</i>	114				0.0%
<i>Truck</i>	108				0.0%
<i>Van</i>	43	3		3	7.0%
2010	353				0.0%
<i>Passenger Car</i>	263				0.0%
<i>SUV</i>	43				0.0%
<i>Truck</i>	22				0.0%
<i>Van</i>	25				0.0%
2011	1,330	4		4	0.3%
<i>Passenger Car</i>	1,094	2		2	0.2%
<i>SUV</i>	94	1		1	1.1%
<i>Truck</i>	95	1		1	1.1%
<i>Van</i>	47				0.0%
2012	324				0.0%
<i>Passenger Car</i>	252				0.0%
<i>SUV</i>	28				0.0%
<i>Truck</i>	24				0.0%
<i>Van</i>	20				0.0%
2013	902		1	1	0.1%

<i>Model Year</i>	<i>Initial Fail</i>	<i>Cost Waiver</i>	<i>Diagnostic Waiver</i>	<i>Grand Total</i>	<i>Waiver Rate</i>
<i>Passenger Car</i>	707			1	0.1%
<i>SUV</i>	81				0.0%
<i>Truck</i>	84				0.0%
<i>Van</i>	30				0.0%
2014	89	1	1	2	2.2%
<i>Passenger Car</i>	63				0.0%
<i>SUV</i>	12				0.0%
<i>Truck</i>	8	1		1	12.5%
<i>Van</i>	6		1	1	16.7%
2015	347	1		1	0.3%
<i>Passenger Car</i>	162	1		1	0.6%
<i>SUV</i>	111				0.0%
<i>Truck</i>	46				0.0%
<i>Van</i>	28				0.0%
2016	26				0.0%
<i>Passenger Car</i>	12				0.0%
<i>SUV</i>	7				0.0%
<i>Truck</i>	1				0.0%
<i>Van</i>	6				0.0%
2017	7				0.0%
<i>Passenger Car</i>	5				0.0%
<i>SUV</i>	2				0.0%
<i>Truck</i>					#DIV/o!
<i>Van</i>					#DIV/o!
2018	3				0.0%
<i>Passenger Car</i>					#DIV/o!
<i>SUV</i>	1				0.0%
<i>Truck</i>					#DIV/o!
<i>Van</i>	2				0.0%
Grand Total	29,624	87	11	98	0.3%
<i>Passenger Car</i>	23,141	40	8	48	0.2%
<i>SUV</i>	2,522	28	-	28	1.1%
<i>Truck</i>	2,903	11	2	13	0.4%
<i>Van</i>	1,058	8	1	9	0.9%

NO FINAL OUTCOME

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2)(vi) The number of vehicles tested by model year and vehicle type with no final outcome (regardless of reason).

The vehicles included in the table below did not have a final outcome of either a pass or waiver test result during the reporting period.

Vehicles with No Known Final Outcome

MODEL YEAR	PASSENGER CAR		SUV		TRUCK		VAN		ALL	
	INITIAL FAIL	NO OUTCOME	INITIAL FAIL	NO OUTCOME	INITIAL FAIL	NO OUTCOME	INITIAL FAIL	NO OUTCOME	INITIAL FAIL	NO OUTCOME
1996	241	127	41	30	69	35	12	9	363	201
1997	748	343	81	41	247	107	55	25	1,131	516
1998	385	231	60	38	115	63	13	7	573	339
1999	1,573	681	175	84	259	98	57	31	2,064	894
2000	756	427	67	34	105	43	41	21	969	525
2001	2,803	1,188	231	112	415	127	116	58	3,565	1,485
2002	1,122	633	174	95	87	39	64	42	1,447	809
2003	3,295	1,241	294	110	347	91	121	52	4,057	1,494
2004	988	539	169	84	114	41	55	35	1,326	699
2005	3,301	1,172	260	105	313	81	142	62	4,016	1,420
2006	863	425	131	72	62	22	46	24	1,102	543
2007	2,632	820	253	82	306	89	93	39	3,284	1,030
2008	614	272	93	35	76	33	36	18	819	358
2009	1,262	353	114	32	108	24	43	10	1,527	419
2010	263	112	43	18	22	6	25	10	353	146
2011	1,094	285	94	25	95	22	47	15	1,330	347
2012	252	88	28	9	24	11	20	3	324	111
2013	707	170	81	19	84	17	30	6	902	212

MODEL YEAR	PASSENGER CAR		SUV		TRUCK		VAN		ALL	
	INITIAL FAIL	NO OUTCOME	INITIAL FAIL	NO OUTCOME	INITIAL FAIL	NO OUTCOME	INITIAL FAIL	NO OUTCOME	INITIAL FAIL	NO OUTCOME
2014	63	33	12	4	8	5	6	2	89	44
2015	162	37	111	21	46	11	28	8	347	77
2016	12	5	7	4	1	1	6	5	26	15
2017	5	2	2	1					7	3
2018			1	1			2	1	3	2
GRAND TOTAL	23,141	9,184	2,522	1,056	2,903	966	1,058	483	29,624	11,689

VEHICLES PASSING OR FAILING OBD TEST

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2)(xi) (xii) The number of vehicles tested by model year and vehicle type passing or failing the on-board diagnostic check.

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
1996	2,553	313	642	120	3,628
FAIL	321	44	91	16	472
PASS	2,232	269	551	104	3,156
FAIL RATE	12.6%	14.1%	14.2%	13.3%	13.0%
PASS RATE	87.4%	85.9%	85.8%	86.7%	87.0%
1997	8,950	612	2,942	288	12,792
FAIL	953	94	301	58	1,406
PASS	7,997	518	2,641	230	11,386
FAIL RATE	10.6%	15.4%	10.2%	20.1%	11.0%
PASS RATE	89.4%	84.6%	89.8%	79.9%	89.0%
1998	3,553	405	992	148	5,098
FAIL	526	71	167	18	782
PASS	3,027	334	825	130	4,316
FAIL RATE	14.8%	17.5%	16.8%	12.2%	15.3%
PASS RATE	85.2%	82.5%	83.2%	87.8%	84.7%
1999	17,574	1,363	3,906	521	23,364
FAIL	1,959	213	298	69	2,539
PASS	15,615	1,150	3,608	452	20,825
FAIL RATE	11.1%	15.6%	7.6%	13.2%	10.9%
PASS RATE	88.9%	84.4%	92.4%	86.8%	89.1%
2000	6,989	671	1,398	377	9,435
FAIL	1,044	76	137	51	1,308
PASS	5,945	595	1,261	326	8,127
FAIL RATE	14.9%	11.3%	9.8%	13.5%	13.9%
PASS RATE	85.1%	88.7%	90.2%	86.5%	86.1%
2001	26,385	1,856	5,983	909	35,133
FAIL	3,459	267	477	148	4,351
PASS	22,926	1,589	5,506	761	30,782
FAIL RATE	13.1%	14.4%	8.0%	16.3%	12.4%
PASS RATE	86.9%	85.6%	92.0%	83.7%	87.6%
2002	10,140	1,317	1,552	469	13,478
FAIL	1,525	191	115	76	1,907
PASS	8,615	1,126	1,437	393	11,571
FAIL RATE	15.0%	14.5%	7.4%	16.2%	14.1%
PASS RATE	85.0%	85.5%	92.6%	83.8%	85.9%

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
2003	40,699	3,271	6,833	1,337	52,140
FAIL	3,927	323	403	132	4,785
PASS	36,772	2,948	6,430	1,205	47,355
FAIL RATE	9.6%	9.9%	5.9%	9.9%	9.2%
PASS RATE	90.4%	90.1%	94.1%	90.1%	90.8%
2004	11,978	1,890	1,758	569	16,195
FAIL	1,298	191	138	60	1,687
PASS	10,680	1,699	1,620	509	14,508
FAIL RATE	10.8%	10.1%	7.8%	10.5%	10.4%
PASS RATE	89.2%	89.9%	92.2%	89.5%	89.6%
2005	53,974	3,875	7,078	2,176	67,103
FAIL	3,905	285	346	153	4,689
PASS	50,069	3,590	6,732	2,023	62,414
FAIL RATE	7.2%	7.4%	4.9%	7.0%	7.0%
PASS RATE	92.8%	92.6%	95.1%	93.0%	93.0%
2006	13,507	1,738	1,361	791	17,397
FAIL	1,135	151	70	53	1,409
PASS	12,372	1,587	1,291	738	15,988
FAIL RATE	8.4%	8.7%	5.1%	6.7%	8.1%
PASS RATE	91.6%	91.3%	94.9%	93.3%	91.9%
2007	62,233	4,554	7,183	1,465	75,435
FAIL	3,130	280	337	108	3,855
PASS	59,103	4,274	6,846	1,357	71,580
FAIL RATE	5.0%	6.1%	4.7%	7.4%	5.1%
PASS RATE	95.0%	93.9%	95.3%	92.6%	94.9%
2008	13,867	2,192	1,683	770	18,512
FAIL	776	100	84	47	1,007
PASS	13,091	2,092	1,599	723	17,505
FAIL RATE	5.6%	4.6%	5.0%	6.1%	5.4%
PASS RATE	94.4%	95.4%	95.0%	93.9%	94.6%
2009	46,991	2,773	4,423	783	54,970
FAIL	1,468	124	114	50	1,756
PASS	45,523	2,649	4,309	733	53,214
FAIL RATE	3.1%	4.5%	2.6%	6.4%	3.2%
PASS RATE	96.9%	95.5%	97.4%	93.6%	96.8%
2010	10,590	1,584	1,152	482	13,808
FAIL	333	48	23	28	432
PASS	10,257	1,536	1,129	454	13,376
FAIL RATE	3.1%	3.0%	2.0%	5.8%	3.1%
PASS RATE	96.9%	97.0%	98.0%	94.2%	96.9%
2011	58,564	4,454	7,340	1,168	71,526
FAIL	1,184	101	101	49	1,435
PASS	57,380	4,353	7,239	1,119	70,091

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
FAIL RATE	2.0%	2.3%	1.4%	4.2%	2.0%
PASS RATE	98.0%	97.7%	98.6%	95.8%	98.0%
2012	12,378	2,001	1,494	580	16,453
FAIL	294	29	26	21	370
PASS	12,084	1,972	1,468	559	16,083
FAIL RATE	2.4%	1.4%	1.7%	3.6%	2.2%
PASS RATE	97.6%	98.6%	98.3%	96.4%	97.8%
2013	67,482	9,519	8,055	1,930	86,986
FAIL	769	83	90	32	974
PASS	66,713	9,436	7,965	1,898	86,012
FAIL RATE	1.1%	0.9%	1.1%	1.7%	1.1%
PASS RATE	98.9%	99.1%	98.9%	98.3%	98.9%
2014	5,642	1,269	797	375	8,083
FAIL	228	12	9	7	256
PASS	5,414	1,257	788	368	7,827
FAIL RATE	4.0%	0.9%	1.1%	1.9%	3.2%
PASS RATE	96.0%	99.1%	98.9%	98.1%	96.8%
2015	39,229	29,285	9,325	6,442	84,281
FAIL	181	113	50	29	373
PASS	39,048	29,172	9,275	6,413	83,908
FAIL RATE	0.5%	0.4%	0.5%	0.5%	0.4%
PASS RATE	99.5%	99.6%	99.5%	99.5%	99.6%
2016	1,873	1,405	421	281	3,980
FAIL	13	8	1	6	28
PASS	1,860	1,397	420	275	3,952
FAIL RATE	0.7%	0.6%	0.2%	2.1%	0.7%
PASS RATE	99.3%	99.4%	99.8%	97.9%	99.3%
2017	425	185	55	46	711
FAIL	5	2			7
PASS	420	183	55	46	704
FAIL RATE	1.2%	1.1%	0.0%	0.0%	1.0%
PASS RATE	98.8%	98.9%	100.0%	100.0%	99.0%
2018	96	55	18	11	180
FAIL		1		2	3
PASS	96	54	18	9	177
FAIL RATE	0.0%	1.8%	0.0%	18.2%	1.7%
PASS RATE	100.0%	98.2%	100.0%	81.8%	98.3%
2019	3	5	5		13
FAIL					
PASS	3	5	5		13
FAIL RATE	0.0%	0.0%	0.0%	#DIV/o!	0.0%
PASS RATE	100.0%	100.0%	100.0%	#DIV/o!	100.0%

GRAND TOTAL	515,675	76,592	76,396	22,038	690,701
FAIL	28,112	2,763	3,287	#DIV/o!	35,359
PASS	485,011	73,517	72,468	#DIV/o!	651,715
FAIL RATE	5.5%	3.6%	4.3%	#DIV/o!	5.1%
PASS RATE	94.1%	96.0%	94.9%	#DIV/o!	94.4%

COMPARISON OF ON-BOARD DIAGNOSTIC TESTS WITH OTHER TEST TYPES

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2)(xiii) –(xviii) There is no data for comparing on-board diagnostic tests with other test types because Wisconsin only conducts on-board diagnostic tests.

CHECK ENGINE LIGHT COMMANDED ON

A small population of vehicles in southeastern Wisconsin produces most of the vehicle exhaust pollution – these are the so-called gross polluters. As vehicles are driven, problems can develop because of defective parts, improper maintenance or simply from deterioration due to age and usage. This helps explain why a vehicle can be relatively clean one year and become a gross polluter at the time of its next inspection. Since hydrocarbon, carbon monoxide and nitrogen oxides are invisible, a vehicle inspection is an effective method to ensure that a vehicle is not polluting excessively.

In most cases, if the vehicle's check engine light is commanded on due to an emission component malfunction, then the Diagnostic Trouble Codes (DTC) are recorded and provided to the motorist. The vehicle will fail this portion of the inspection if the check engine light is commanded on. However, there are also some instances where the check engine light is on but no DTCs are stored. In either case, the vehicle will need to be repaired and brought back for a re-inspection.

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2)(xix) The number of vehicles tested by model year and vehicle type where the MIL is commanded on and no codes are stored

MIL Commanded On, No DTCs

There were no instances where the MIL was commanded on with no codes stored in 2018.

Another condition that can occur is when the vehicle's check engine light is NOT commanded on but a Diagnostic Trouble Codes (DTC) is stored within the vehicle's computer. The most likely reason for this condition is a pending code indicating a problem within the vehicle that has not yet met the threshold for activating the check engine light, or a condition that has since resolved itself. Since the MIL is not commanded on, the vehicle will pass this portion of the inspection.

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2)(xx)

The number of vehicles tested by model year and vehicle type where the MIL is not commanded on and codes are stored.

MIL Not Commanded On, DTCs Stored

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
1996	271	33	73	13	390
1997	1,003	86	287	32	1,408
1998	431	61	117	20	629
1999	1,796	158	468	56	2,478
2000	784	96	182	41	1,103
2001	3,080	246	647	94	4,067
2002	1,259	169	187	54	1,669
2003	4,446	426	691	166	5,729
2004	1,518	244	151	67	1,980
2005	5,687	407	584	284	6,962
2006	1,619	215	117	84	2,035
2007	5,395	470	513	177	6,555
2008	1,173	167	160	77	1,577
2009	2,649	215	310	69	3,243
2010	638	81	63	41	823
2011	2,632	199	365	71	3,267
2012	542	65	64	36	707
2013	1,984	250	284	72	2,590
2014	325	31	26	7	389
2015	471	321	146	102	1,040
2016	33	11	10	2	56
2017	10	1	1		12
2018	3				3
GRAND TOTAL	37,749	3,952	5,446	1,565	48,712

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2)(xxi)

The number of vehicles tested by model year and vehicle type where the MIL is commanded on and codes are stored.

MIL Commanded On, DTCs Stored

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
1996	310	42	88	17	457
1997	909	85	298	60	1,352
1998	509	61	166	21	757
1999	1,910	209	307	84	2,510
2000	1,025	73	139	59	1,296
2001	3,349	254	498	168	4,269
2002	1,479	184	112	81	1,856
2003	3,853	324	422	150	4,749
2004	1,274	184	154	65	1,677
2005	3,790	273	412	197	4,672
2006	1,121	145	84	76	1,426
2007	3,078	277	332	103	3,790
2008	755	100	84	47	986
2009	1,438	123	109	49	1,719
2010	331	48	23	28	430
2011	1,169	100	99	47	1,415
2012	287	29	26	19	361
2013	745	79	89	29	942
2014	227	12	8	7	254
2015	163	103	44	25	335
2016	12	7	1	6	26
2017	4	1			5
2018		1		2	3
GRAND TOTAL	27,738	2,714	3,495	1,340	35,287

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2)(xxii)

The number of vehicles tested by model year and vehicle type where the MIL is not commanded on and codes are not stored.

MIL Not Commanded On, No DTCs Stored

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
1996	2,305	266	537	98	3,206
1997	8,117	505	2,517	228	11,367
1998	3,344	344	863	116	4,667
1999	16,091	1,164	3,425	424	21,104
2000	6,238	567	1,227	306	8,338
2001	26,008	1,806	5,827	832	34,473
2002	9,947	1,225	1,556	430	13,158
2003	38,406	2,947	6,337	1,200	48,890
2004	11,429	1,725	1,723	479	15,356
2005	50,495	3,592	6,652	1,837	62,576
2006	12,726	1,561	1,301	682	16,270
2007	58,219	4,154	6,916	1,312	70,601
2008	13,226	2,098	1,649	712	17,685
2009	45,246	2,609	4,332	713	52,900
2010	10,247	1,546	1,156	448	13,397
2011	56,994	4,314	7,309	1,151	69,768
2012	12,199	1,984	1,542	579	16,304
2013	66,556	9,346	8,036	1,902	85,840
2014	5,310	1,244	844	390	7,788
2015	39,177	29,150	9,444	6,396	84,167
2016	1,879	1,401	421	278	3,979
2017	416	186	54	47	703
2018	97	54	19	9	179
2019	4	5	5		14
GRAND TOTAL	494,676	73,793	73,692	20,569	662,730

READINESS MONITORS:

A vehicle's OBD system continually tracks and stores information about the emission control devices and other engine related components. Readiness monitors indicate if components have been fully evaluated and whether system components have experienced any driving conditions that prevent the vehicle from operating as designed by the manufacturer. The test equipment reads the readiness monitor statuses as part of the vehicle emissions inspection.

Vehicles "Not Ready" for OBD testing receive a reject test result. For 1996 - 2000 model year vehicles, a vehicle can have up to 2 readiness monitors unset; for 2001 and newer vehicles, only 1 readiness monitor can be unset. If the unset readiness monitors exceed the requirements, the vehicle will be rejected from further testing until this condition is corrected.

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(2)(xxiii)

The number of vehicles tested by model year and vehicle type where the readiness status indicates that the evaluation is not complete for any module supported by on-board diagnostic systems.

Readiness Monitors Not Complete By Model Year and Vehicle Type

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
1996	366	35	92	19	512
1997	1,236	85	306	52	1,679
1998	856	75	193	16	1,140
1999	2,575	227	457	76	3,335
2000	1,244	91	209	55	1,599
2001	7,120	567	1,232	267	9,186
2002	3,069	321	381	136	3,907
2003	6,953	555	810	259	8,577
2004	2,659	320	335	85	3,399
2005	6,903	501	735	233	8,372
2006	2,345	248	173	90	2,856
2007	5,068	412	656	154	6,290
2008	1,438	188	238	79	1,943
2009	2,582	193	347	55	3,177
2010	671	95	96	36	898
2011	2,221	170	447	111	2,949
2012	647	84	157	55	943
2013	1,757	157	354	79	2,347
2014	195	17	85	29	326
2015	526	257	311	74	1,168
2016	38	7	9	4	58
2017	4			1	5
2018	3				3
2019	1				1
GRAND TOTAL	50,477	4,605	7,623	1,965	64,670

INITIAL TEST VOLUME BY MODEL YEAR AND STATION

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(3)

The initial test volume by model year and test station.

Data Found In Appendix I

INITIAL TEST FAILURE RATE BY MODEL YEAR AND TEST STATION

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(4)

The initial test failure rate by model year and test station

Data Found in Appendix 2

CHANGE IN TAILPIPE EMISSION LEVELS AFTER REPAIRS

USEPA Reporting Requirement: 40 CFR Part 51.366 (a)(5)

The average increase or decrease in tailpipe emission levels for HC, CO and NOX (if applicable) after repairs by model year and vehicle type for vehicles receiving a mass emissions test.

Not Applicable – On-Board Diagnostic Testing Only

QUALITY ASSURANCE REPORT

TESTING NETWORK

USEPA Reporting Requirement: 40 CFR Part 51.366 (b)(1)(i)

The number of inspection stations and lanes

The testing network consists of 200 stations and five technical assistance centers. The Private Inspection facilities are listed below.

PRIVATE INSPECTION FACILITIES OPERATING ON DECEMBER 31, 2018

WIST	COMPANY	ADDRESS	CITY	ZIP
WIST2030	A&J Automotive	8401 W. Hampton Ave	Milwaukee	53225
WIST3003	Accelerated Auto Service	667 W. State St.	Burlington	53105
WIST1003	Allenton Service	5908 Hillcrest Dr.	Allenton	53002
WIST7020	American Muffler & Automotive	1008 S. Pine St.	Burlington	53105
WIST6042	Amport Automotive	1324 White Rock Ave.	Waukesha	53186
WIST6007	Anderson Automotive	240 Highland Dr.	Fredonia	53021
WISTT003	Auto Analyzers (TAC)	8404 W. Greenfield Ave.	West Allis	53214
WIST2019	Automotive Solutions	215 Klein Lane	Saukville	53080
WIST3033	Bad Boyz Automotive Repair Inc	4103 7th Avenue	Kenosha	53140
WIST7115	Black Tie Auto Services	584W21172 Janesville Rd	Muskego	53150
WIST4045	Bob's Main Street Auto & Tow	1200 N Main St	West Bend	53090
WIST5008	Bob's Main Street Auto & Tow	115 W. Decorah Rd	West Bend	53095
WIST7121	Boucher Hyundai	1583 E Moreland Blvd	Waukesha	53186
WIST7132	Brown Deer Tire & Auto	4730 W Bradley Rd	Brown Deer	53223
WIST1012	Butler Auto Body	4830 N. 125th St.	Butler	53007
WIST3015	Carlton Automotive Inc.	39 Center Ave.	Oostburg	53070
WIST5049	Chris Auto Service	14000 W. Greenfield Ave.	Brookfield	53005
WIST6004	Chuck's Main St. Auto	N64W23876 Main St.	Sussex	53089
WIST5055	Curriepark Auto Center	10745 W. Capitol Dr.	Wauwatosa	53222
WIST5040	Dads Auto Service	S98W12575 Loomis Crt.	Muskego	53150
WIST5005	Dave's Garage Inc.	5454 W. Forest Home Ave.	Greenfield	53220
WIST5045	Dave's Truck & 4 X 4 Repair, LLC	2993 Sherman Rd.	Jackson	53037
WIST1020	Don's Garage	11916 Antioch Rd	Trevor	53179
WIST5015	Durand Automotive Center	1623 Durand Ave.	Racine	53403
WIST6033	Eric Von Schledorn	805 E Green Bay Rd	Saukville	53080
WIST3021	Eric Von Schledorn	W4873 County Road RR	Random Lake	53075
WIST2017	Ewald Chevrolet	36833 E. Wisconsin Ave	Oconomowoc	53066
WIST4040	Ewald Venus Ford	2727 E. Layton Ave.	Cudahy	53110
WIST4017	F & F Tire World	2930 W. Rawson Ave.	Franklin	53132

WIST	COMPANY	ADDRESS	CITY	ZIP
WIST5009	F & F Tire World	410 N. Moorland Rd	Brookfield	53005
WIST5011	F & F Tire World	20120 Bluemound Rd.	Brookfield	53045
WIST7081	Farkas Automotive Inc.	8008 N. Sherman	Brown Deer	53209
WIST7108	Fast Track - Calumet	2757 Calumet Dr.	Sheboygan	53081
WIST3016	Fast Track - Indiana	1328 Indiana Ave.	Sheboygan	53081
WIST2034	Fast Track - Mukwonago	1146 N Rochester St	Mukwonago	53149
WIST7109	Fast Track - Taylor	3669 S. Taylor Dr.	Sheboygan	53081
WIST8006	Fast Track Oil Change # 09	5450 N Port Washington Rd	Glendale	53217
WIST8005	Fast Track Oil Change #04	6942 W Brown Deer Rd	Milwaukee	53223
WIST5069	Fast Track Oil Change #08	7515 W Capitol Dr	Milwaukee	53216
WIST4044	Fast Track Oil Change #11	6207 W North Ave	Wauwatosa	53213
WIST7119	Fast Track Oil Change #02	W62N271 Washington Ave	Cedarburg	53012
WIST7113	Fast Track Oil Change #03	5400 S. 108th St.	Hales Corners	53130
WIST5071	Fast Track Oil Change #05	5428 Washington Ave	Racine	53406
WIST8002	Fast Track Oil Change #1	15400 W National Ave	New Berlin	53151
WIST7116	Fast Track Oil Change #10	14245 W. Capitol Dr.	Brookfield	53005
WIST2018	Fast Track Oil Change #13	1557 E Moreland Blvd	Waukesha	53186
WIST8007	Fast Track Oil Change #6	3130 S 108th St	West Allis	53227
WIST4043	Fast Track Oil Change #7	4296 S 27TH ST	Milwaukee	53221
WIST3022	Fleet 1	749 W State St	Milwaukee	53223
WIST4019	Fleet Auto Sales & Service	7400 W. National Ave.	West Allis	53214
WIST7092	G-Brock's Auto Repair	375 E. Ottawa Ave	Dousman	53118
WIST6035	Good Hope Service	4230 W. Good Hope Rd.	Milwaukee	53209
WIST3005	Gordie Boucher Ford Lincoln	3021 W. Washington St.	West Bend	53095
WIST7093	Gordon's Wheel Service	3595 N. 124 St.	Brookfield	53005
WIST5066	Grady's Automotive Inc.	6272 S. Packard Ave	Cudahy	53110
WIST4058	Greitens Auto Service	5804 W. Bluemound Rd	Milwaukee	53213
WIST7078	Griffin Ford	1940 E. Main St.	Waukesha	53186
WIST6022	Hall Automotive	704 Bluemound Rd.	Waukesha	53189
WIST7016	Hartland Services Inc.	400 Industrial Dr	Hartland	53029
WIST2015	Heiser Toyota	11301 W. Metro Blvd.	Milwaukee	53224
WIST7088	Hoffman Auto & Tire	4811 Greenbay Rd.	Kenosha	53144
WIST7129	Hopson Automotive	W241 S4165 Pine Hollow Ct	Waukesha	53189
WIST8016	It's All Good Auto	10125 W. Loomis Rd.	Franklin	53132
WIST8009	Jackson Superlube	W213N16770 Glen Brook Dr	Jackson	53037
WISTT009	Jerry's Auto Service Inc. (TAC)	W229N2467 Hwy F	Waukesha	53186
WIST1019	Jiffy Lube	7127 Durand AVE	Sturtevant	53177
WIST4002	Joe's Slinger Service LLC	220 Info Hwy. Crt.	Slinger	53086
WIST6030	John Amato Ford	1015 S Main St	Mukwonago	53149
WIST3013	John Amato Hyundai Inc.	8301 N. 76th St.	Milwaukee	53223
WIST3023	John Amato Nissan	5200 N Port Washington Rd	Glendale	53217
WIST7022	John Paul's Buick GMC	3615 S. 108th St.	Greenfield	53228
WIST7134	Karls Garage LLC	N6745B State Road 32	Sheboygan Falls	53085

WIST	COMPANY	ADDRESS	CITY	ZIP
WIST4051	Kastenson Auto	21445 Durand Ave	Union Grove	53182
WIST7136	Keno Collision & Service	7514 Sheridan Rd.	Kenosha	53143
WIST2033	Kerns on 76th	7960 N 76th Street	Milwaukee	53223
WIST3014	Komp Tech Automotive Service	8832 W. Greenfield Ave.	West Allis	53214
WIST4003	Kusch's Automotive	136 N. 120th St.	Wauwatosa	53226
WIST4049	LaBelle Auto	N56W39413 Hwy 16	Oconomowoc	53066
WIST2025	Lakeshore Mobil	2521 E. Capitol	Shorewood	53211
WIST3018	Larry's Auto	6373 N 91st St	Milwaukee	53225
WIST4014	Laubenheimer's Garage LLC	1860 Hwy 175, PO Box 36	Richfield	53076
WIST4032	Laus Tire & Auto	5025 W. Villard Ave.	Milwaukee	53218
WIST4053	Liberty Street Auto	1600 Durand Ave	Racine	53403
WIST7023	Lisbon Sales & Services	7515 W. Lisbon Ave.	Milwaukee	53216
WIST6013	Lutter's Elmbrook Automotive	16880 Greenfield Ave.	Brookfield	53005
WIST3032	M & D Auto Services	W19 N5733 Becker Dr	Lannon	53046
WIST6001	M & M Citgo	2101 Douglas Ave.	Racine	53402
WIST6021	Maddison Automotive	219 N. Wales Rd.	Wales	53183
WIST7120	Manyo Motors	4035 N Green Bay Ave	Milwaukee	53209
WIST4057	Marks Mobil Service LLC	12401 W. Cleveland Ave.	New Berlin	53151
WIST6026	Martin Ford	19215 Spring St	Union Grove	53182
WIST3006	Martin's Automotive Services	W230S8750 Wynn Dr	Big Bend	53103
WIST5053	Mayer Automotive LLC.	W6082 Hwy W	Cascade	53011
WIST4060	McDevitts Towing and Service	5150 60th Street	Kenosha	53144
WIST4042	Meineke Car Care Center	4320 S 27TH ST	Milwaukee	53221
WIST2031	Meineke Racine	6006 21st Street	Racine	53406
WIST5077	Menomonee Falls Superlube	N156 W8390 Pilgrim Rd	Menomonee Falls	53051
WIST3030	Merlin 200,000 Mile Shop	8601 75th St.	Kenosha	53142
WIST7103	Meyer Motors Inc.	107 Plaza Lane	Plymouth	53073
WIST8011	Mike's Quality Auto	457 Falcon Ridge Dr	Burlington	53105
WIST6043	Mil-City Motors	7169 W. Fond Du Lac Ave	Milwaukee	53218
WIST5079	Miller Motors	1196 Milwaukee Ave	Burlington	53105
WIST5076	Mister Car Wash-Cudahy	5506 S Packard Ave	Cudahy	53110
WIST2026	Mister Car Wash-Falls	N95W18255 Appleton Avenue	Menomonee Falls	53051
WIST6041	Mister Car Wash-Franklin	7700 W. Rawson Ave	Franklin	53132
WIST5075	Muffler Magic	9055 N 76th	Milwaukee	53223
WIST4055	Munro's Auto Service	5048 S. 27th	Milwaukee	53221
WIST7094	Muskego Tire & Auto	S73W16610 Janesville Rd	Muskego	53150
WIST8004	National Auto Tech	630 W. National Ave	Milwaukee	53204
WIST7095	National Complete Auto Care	16405 W. National Ave.	New Berlin	53151
WIST7030	National Pride Auto	5512 75th St.	Kenosha	53142
WIST7031	Nelson's Automotive	N30 W22383 Green Rd.	Waukesha	53186
WIST6034	New Berlin Tire	15650 W National Ave	New Berlin	53151
WIST4006	Newman Chevrolet	1181 Wauwatosa Rd	Cedarburg	53012
WIST5004	O'Gorman's West Town Auto	7105 W. North Ave.	Wauwatosa	53213

WIST	COMPANY	ADDRESS	CITY	ZIP
WIST7014	Oak Creek Automotive Inc.	7948 S. 27th St.	Oak Creek	53154
WIST7044	Oil Express	N88W15220 Main St.	Menomonee Falls	53051
WIST5029	Palmen Buick, GMC, Cadillac	7110 74th Place	Kenosha	53142
WIST7004	Passehl's BP	4625 Taylor Ave.	Racine	53405
WIST6018	Paul's Bender Center	8313 22nd Ave.	Kenosha	53143
WIST2027	Pennzoil Pewaukee	1284 Capitol Dr.	Pewaukee	53072
WIST7033	Pinkalla Auto Solutions	3059 Durand Ave.	Racine	53403
WIST2021	Port Washington Superlube	1610 N Wisconsin St	Port Washington	53074
WIST5017	Pro Auto Center	303 E. Monroe Ave.	Hartford	53027
WIST4031	R & R Automotive	6930 39th Ave.	Kenosha	53142
WIST8008	R.K. Motors	3700 N Holton St	Milwaukee	53212
WIST7036	Racine Auto Specialist	2320 Douglas Ave.	Racine	53402
WIST7039	Richfield Service	1810 Wolf Rd	Richfield	53076
WIST5037	Richlonns Tire & Service Center	4440 S. 108th St.	Greenfield	53228
WIST7040	Richlonns Tire & Service Center	S78W18755 Janesville Rd	Muskego	53150
WIST7041	Richlonns Tire & Service Center	5131 S. 76th St.	Greendale	53129
WIST7042	Richlonns Tire & Service Center	2480 W. Sunset Dr.	Waukesha	53189
WIST4050	Rick's Car Care	6121 W Mequon Rd	Mequon	53092
WIST7045	Rivers Edge Oil & Tire	811 S. Rochester St.	Mukwonago	53149
WIST2029	Road Runner Express	5275 S.Moorland Rd	New Berlin	53151
WIST5058	Ruby Isle Auto	11137 W. Silver Spring Dr.	Milwaukee	53225
WIST5003	Russ Darrow Chrysler Jeep Dodge	7676 North 76th St	Milwaukee	53223
WIST7009	Russ Darrow Honda	9301 W. Brown Deer Rd	Milwaukee	53224
WIST7086	Russ Darrow Kia of Waukesha	2141 E. Moreland Blvd	Waukesha	53186
WIST4026	Russ Darrow Kia of Wauwatosa	1901 N. Mayfair Rd	Wauwatosa	53226
WIST5023	Russ Darrow Mitsubishi	W226S1700 Hwy 164	Waukesha	53186
WIST5044	Russ Darrow Nissan	11212 W Metro Blvd	Milwaukee	53224
WIST2032	Russ Darrow Nissan of West Bend	2665 W Washington Ave	West Bend	53095
WIST7049	Russ Darrow Toyota	2700 W. Washington St.	West Bend	53095
WIST7006	Russ Darrow West Bend	3210 W. Washington St.	West Bend	53095
WIST7011	Salem Auto Service	8515 Antioch Rd	Salem	53168
WIST3031	Sam's Auto	4315 Byrd Ave	Racine	53405
WISTT005	Schaefer Service Center (TAC)	1130 E. Commerce Blvd	Slinger	53086
WIST4059	Sheboygan Auto Helpers	3667 S Taylor Drive	Sheboygan	54081
WIST5081	Sheboygan Chevrolet GMC Buick	3400 S. Business Dr.	Sheboygan	53081
WIST7098	Shorewood Auto Repair	1330 E. Capitol Dr.	Shorewood	53211
WIST8001	Silver Lake Auto Center	N76W30620 HWY VV	Hartland	53029
WIST7052	Silver Lake Auto Service Inc.	36355 E. Wisconsin Ave.	Oconomowoc	53066
WIST7053	Silver Lake Auto Service Inc.	551 N. Cogswell Dr.	Silver Lake	53170
WIST7069	Silvernail Emissions	2210 Silvernail Rd	Pewaukee	53072
WIST7054	Sippl's Auto Service Inc.	N87W17460 Main St.	Menomonee Falls	53051
WIST7055	South Milwaukee Car Care Center	1221 N. Chicago Ave.	South Milwaukee	53172
WIST7056	Southtown Tire & Auto	2906 S. 108th St.	West Allis	53227

WIST	COMPANY	ADDRESS	CITY	ZIP
WISTT007	Sunset Auto Service (TAC)	1194 FOND DU LAC AVE	Sheboygan Falls	53085
WIST7118	Tech Way	4004 S Kinnickinnic Ave	St Francis	53235
WIST1016	Tenley Auto	9208 W Capitol Dr	Milwaukee	53222
WIST7061	Theel Auto Inc.	N8364 County Rd J	Elkhart Lake	53020
WIST7123	Tires Plus - Kenosha	7424 74th Place	Kenosha	53142
WIST2028	Tires Unlimited Automotive Service	1557 N. Wisconsin St.	Port Washington	53074
WIST7065	Twenty First Century Auto	5300 W. Forest Home Ave.	Milwaukee	53220
WIST8017	Valvoline Cudahy	5912 Packard Ave	Cudahy	53110
WIST5074	Valvoline-68th St	112 S. 68th St.	Milwaukee	53214
WIST6039	Valvoline-Delafield	2325 Sun Valley Dr	Delafield	53018
WIST7124	Valvoline-Glendale	6100 N Port Washington Rd	Glendale	53217
WIST3024	Valvoline-Greenfield	4839 S. 27th Street	Greenfield	53221
WIST6037	Valvoline-Kenosha	3015 52nd St	Kenosha	53144
WIST7130	Valvoline-Layton	8008 W Layton Ave	Greenfield	53220
WIST2024	Valvoline-Main	1951 E Main St	Waukesha	53186
WIST6031	Valvoline-Muskego	W187S7825 Lions Park Dr	Muskego	53150
WIST7127	Valvoline-Pewaukee	1812 Silvernail Rd	Pewaukee	53072
WIST4054	Valvoline-Plymouth	1950 Eastern Ave	Plymouth	53073
WIST7126	Valvoline-Racine	5920 21st St	Racine	53405
WIST7067	Village Tire & Auto	W172N12185 Division Rd	Germantown	53022
WIST7068	Wales Super Lube #421	120 W. Summit Ave	Wales	53183
WIST7070	Weissman Automotive	W140N10455 Fond du Lac Ave.	Germantown	53022
WIST7071	Welks Automotive	8333 W. Layton Ave.	Greenfield	53220
WIST4048	West Bend Super Lube	2353 W Washington St	West Bend	53095
WIST7072	Westside Auto Center	820 W. Sumner St.	Hartford	53027
WIST7106	Wilde Toyota	3225 S. 108 St.	West Allis	53227
WIST7073	Wilmot Auto Service Inc.	11307 Fox River Rd	Wilmot	53192
WIST1021	WISCO Automotive	496 Pine Street	Burlington	53105
WIST7074	Wisconsin Muffler	3634 W. Lincoln Ave.	Milwaukee	53215
WIST7075	Wisconsin Muffler	13320 W. College Ave.	New Berlin	53151
WIST7076	WJ Kuhn Automotive Center Inc.	8511 S. Howell Ave.	Oak Creek	53154
WIST5080	Wrench Workz LLC	1285 Morgan Drive	Hubertus	53033

PRIVATE INSPECTION FACILITIES DEACTIVATED IN 2018

DATE OF DEACTIVATION	STATION NUMBER	COMPANY	ADDRESS	CITY	ZIP
2/21/2018	WIST4009	Bluemound Auto Service	6000 W. Bluemound Rd	Wauwatosa	53213
2/28/2018	WIST7080	Schmidt Bros Ford Lincoln	925 E. Green Bay Rd	Saukville	53080
5/4/2018	WIST5036	Monro	3849 S. 27th St.	Milwaukee	53221
5/4/2018	WIST5021	Monro	5930 W. Bluemound Rd	Milwaukee	53213
5/9/2018	WISTT008	Frank Boucher Chevrolet Cadillac	8600 Washington Ave.	Racine	53406
5/11/2018	WIST6014	Monro	6084 S. Packard Ave.	Cudahy	53110
5/17/2018	WIST7133	MBS Tire and Auto	2835 Lathrop Ave.	Racine	53405
5/31/2018	WIST7025	Midas	N96W18375 Hwy Q	Menomonee Falls	53052
6/1/2018	WIST7131	Car Corner	2100 Rapids Dr	Racine	53404
5/31/2018	WISTT001	Jerry's Auto Service Inc. (TAC)	W229N2467 Hwy F	Waukesha	53186
6/14/2018	WIST7064	Trust Tire	10432 N Port Washington Rd	Mequon	53092
6/15/2018	WIST6016	Mertens Auto Service Center	389 Milwaukee Ave.	Burlington	53105
6/22/2018	WIST5041	Falls Auto Tech	N84W15859 Appleton Ave.	Menomonee Falls	53051
6/30/2018	WIST7018	Ernie von Schledorn, Inc.	N88W14167 Main St.	Menomonee Falls	53051
6/30/2018	WIST5012	Krueger's Auto Tech Center	W61N225 Cardinal Ave.	Cedarburg	53012
7/2/2018	WIST7021	Expert Car Care Inc.	6803 W. National Ave.	West Allis	53214
8/31/2018	WIST5078	Jaznari Auto Repair	2750 S. 14th Street	Milwaukee	53215
8/31/2018	WISTT008	Frank Boucher Chevrolet Cadillac	8600 Washington Ave.	Racine	53406
9/14/2018	WIST3028	Russ Darrow Sheboygan	5515 Racetrack Rd	Sheboygan	53081
9/21/2018	WIST6040	Valvoline-27th St	3360 S. 27th St.	Milwaukee	53221
10/3/2018	WIST7083	Sheboygan Chevrolet GMC Buick	3400 S. Business Dr.	Sheboygan	53081
10/4/18	WIST1018	Ramsey Motors	5900 S 27th St.	Milwaukee	53221
10/30/18	WIST3029	Keno Lube	7514 Sheridan, Dr	Kenosha	53143
11/6/2018	WIST7046	Weigman's Automotive Inc	7169 W. Fond du Lac Ave.	Milwaukee	53218
12/D/18	WIST7118	Tech Way	4004 S Kinnickinnic Ave	St Francis	53235
12/31/2018	WIST5076	Mister Car Wash-Cudahy	5506 S Packard Ave	Cudahy	53110
12/31/2018	WIST2026	Mister Car Wash-Falls	N95W18255 Appleton Avenue	Menomonee Falls	53051

TECHNICAL ASSISTANCE CENTERS

STATION NUMBER	COMPANY	ADDRESS	CITY	ZIP
WISTT003	Auto Analyzers (TAC)	8404 W. Greenfield Ave.	West Allis	53214
WISTT005	Schaefer Service Center (TAC)	1130 E. Commerce Blvd	Slinger	53086
WISTT007	Sunset Auto Service	1194 Fond du lac	Sheboygan Falls	53085
WISTT009	Jerry's Auto Service Inc. (TAC)	W229N2467 Hwy F	Waukesha	53186
WISTT0010	Sams Auto Shop	4315 Byrd Avenue	Racine	53405

OVERT AND COVERT PERFORMANCE AUDITS

USEPA Reporting Requirement: 40 CFR Part 51.366 (b)(2)(i)(ii)(v)

State auditors conduct overt performance audits in conjunction with their equipment audits each week at the inspection facilities. The following table addresses the overt and covert performance audit activity.

The number of inspection stations and lanes operating throughout the year:

(i) Receiving overt performance audits in the year: 212

(ii) Not receiving overt audits in the year: 0

(iii) Receiving covert audits in the year: 211

(iv) Not receiving covert audits in the year: 1

(v) That have been shut down as a result of overt performance audits: 1

COVERT AUDITS

USEPA Reporting Requirement: 40 CFR Part 51.366 (b)(3)

There were 900 covert audits conducted in 2018.

FINES, SUSPENSION OR TERMINATION DUE TO AUDIT FAILURES

USEPA Reporting Requirement: 40 CFR Part 51.366 (b)(4)

16 inspectors and one station were suspended, fined or prohibited from testing as a result of overt or covert audits.

15 inspectors and one station were suspended or prohibited from testing due to violations uncovered during data analysis.

NUMBER OF INSPECTORS LICENSED OR CERTIFIED TO CONDUCT TESTING

USEPA Reporting Requirement: 40 CFR Part 51.366 (b)(5)

There were 1,355 inspectors certified to conduct tests in 2018.

NUMBER OF HEARINGS

USEPA Reporting Requirement: 40 CFR Part 51.366 (b)(6)

There were 0 hearings held to consider adverse actions against inspectors and stations.

FINES

USEPA Reporting Requirement: 40 CFR Part 51.366 (b)(7)

There was \$0 collected in fines from inspectors and stations.

COVERT AUDITS

USEPA Reporting Requirement: 40 CFR Part 51.366 (b)(8)

There were 5 covert vehicles available for undercover audits.

USEPA Reporting Requirement: 40 CFR Part 51.366 (b)(9)

There was 5 auditor(s) available for undercover audits.

QUALITY CONTROL REPORT

NUMBER OF EMISSION TESTING SITES AND LANES

USEPA Reporting Requirement: 40 CFR Part 51.366 (c)(1)

There were 212 inspection sites available for testing in 2018.

NUMBER OF EQUIPMENT AUDITS BY STATION AND LANE

USEPA Reporting Requirement: 40 CFR 51.366 (c)(2)

Equipment audits by station and lane.

There were 4,872 equipment audits conducted in 2018.

USEPA Reporting Requirement: 40 CFR 51.366 (c)(3)

The number and percentage of stations that have failed equipment audits:

There were 0 stations that failed equipment audits in 2018.

USEPA Reporting Requirement: 40 CFR 51.366 (c)(4)

The number and percentage of stations and lanes shut down as a result of an equipment audit:

There were 0 stations that were shut down resulting from an equipment audit failure.

ENFORCEMENT REPORT

USEPA Reporting Requirement: 40 CFR 51.366 (d)(1)(i): An estimate of the number of vehicles subject to the inspection program, including the results of an analysis of the registration database.

Each month, the Wisconsin Department of Transportation selects vehicles subject to the mandatory testing requirement for registration renewal purposes. There were 610,029 vehicles selected (model years: 1997, 1999, 2001, 2003, 2006, 2007, 2009, 2011 and 2013, 2015) for notification in 2018. There were an additional estimated 158,666 vehicles selected for notification at change of ownership, for an estimated 768,695 vehicles.

USEPA Reporting Requirement: 40 CFR 51.366 (d)(1)(ii): The percentage of motorists compliance based upon a comparison of the number of valid final tests with the number of subject vehicles.

Overall, 649,625 vehicles receiving mandatory inspections in 2018 received a pass, waiver or diagnostic waiver test result. This is an 84.5% compliance rate for mandatory testing requirements. Variables include vehicles that changed ownership at the time their registrations were due and vehicles that were moved outside of the testing area after the registration select occurred.

USEPA Reporting Requirement: 40 CFR 51.366 (d)(1)(iii): The total number of compliance documents issued to inspection stations. o

USEPA Reporting Requirement: 40 CFR 51.366 (d)(1)(iv) The number of missing compliance documents. o

USEPA Reporting Requirement: 40 CFR 51.366 (d)(1)(v) The number of time extensions and other exemptions granted to motorists.

There were 23,741 temporary plates issued in 2018. WisDOT Vehicle Emissions Inspection Unit issued 18 temporary exemptions, and DMV issued 3,544 temporary exemptions in 2018.

USEPA Reporting Requirement: 40 CFR 51.366 (d)(1)(vi) The number compliance surveys conducted, number of vehicles surveyed in each, and the compliance rates found.

One compliance survey was conducted in 2018. Of the 117 vehicles surveyed, 17 (14.5%) were registered out of the program area. Of the 100 vehicles subject to emissions testing, one vehicle (1.0%) was not in compliance, resulting in a 99.0% compliance rate.

REGISTRATION DENIAL BASED ENFORCEMENT PROGRAMS

USEPA Reporting Requirement: 40 CFR 51.366 (d)(2)(i) A report of the program's efforts and actions to prevent motorists from falsely registering vehicles out of the program area or falsely changing fuel type or weight class on the vehicle registration, and the results of special studies to investigate the frequency of such activity.

In 2018, WisDOT personnel completed investigations on 353 vehicles that listed domicile outside of the program area, but were suspected of being kept in the program area. After receiving notification from WisDOT, 183 vehicles submitted to testing and received a passing result; 68 vehicles were suspended for failing to comply; 28 were junked or sold and 73 provided verification that they were being kept outside of the program area.

USEPA Reporting Requirement: 40 CFR 51.366 (d)(2)(ii) The number of registration file audits, number of registrations reviewed and compliance rates found in such audits.

In 2018, the compliance rate for mandatory testing requirements was 84.5%. Variables include vehicles that changed ownership at the time their registrations were due, and vehicles that were moved outside of the testing area after the registration select occurred.

Registration files are reviewed in conjunction with investigations of vehicles with domicile listed outside of the program area. Of the 1,927 registration files reviewed, 353 vehicles were observed in the program area, but were listed outside of the program area. After receiving notification from WisDOT, 183 (51.8%) vehicles submitted to testing and received a passing result; 68 (19.2%) vehicles were suspended for failing to comply; 28 (7.9%) were junked or sold and 73 (20.6%) provided verification that they were being kept outside of the program area.

Also, 117 registration files were reviewed in conjunction with a compliance survey. Of the 117 vehicles surveyed, 17 (14.5%) were registered out of the program area. Of the 100 vehicles subject to emissions testing, one vehicle (1.0%) was not in compliance, resulting in a 99.0% compliance rate.

COMPUTER-MATCHING BASED ENFORCEMENT PROGRAMS

USEPA Reporting Requirement: 40 CFR 51.366 (d)(3) Wisconsin is a registration denial based enforcement system. This section is not applicable.

STICKER- BASED ENFORCEMENT PROGRAMS

USEPA Reporting Requirement: 40 CFR 51.366 (d)(4) Wisconsin is a registration denial based enforcement system. This section is not applicable

ADDITIONAL REPORTING REQUIREMENTS

BIENNIAL REPORT WISCONSIN VEHICLE EMISSIONS TESTING PROGRAM INSPECTION AND MAINTENANCE PROGRAM 2017 – 2018

INTRODUCTION

This report has been prepared for the U.S. Environmental Protection Agency (U.S. EPA), in compliance with the requirements of 40 CFR 51.366. The information in this report covers the reporting period of 2017-2018.

Since 1984, the DOT and DNR have jointly administered the Wisconsin Vehicle Inspection Program (WIVIP, or I/M PROGRAM). DNR establishes the emissions limitations and DOT administers the program. The program exists in response to requirements of the federal Clean Air Act, administered by U.S. EPA.

The WIVIP addresses violations of the 8-hour ozone and carbon monoxide National Ambient Air Quality Standards. The primary goals of this program are to identify and repair vehicles emitting excessive amounts of targeted air pollutants – carbon monoxide (CO), nitrogen oxides (NOx), and volatile organic compounds (VOCs). The program also reduces emissions of particulate matter and toxic chemicals such as benzene, 1-3 butadiene and formaldehyde.

The I/M program began operating as a basic program in Wisconsin's six-county "severe" ozone non-attainment area – Kenosha, Milwaukee, Ozaukee, Racine, Washington and Waukesha counties. The program expanded to Sheboygan County, designated a "moderate" ozone nonattainment area, in July 1993. Initially, all vehicle inspections consisted of measuring tailpipe emission levels. Since July of 2001, however, all model year 1996 and newer cars and light trucks receive inspections by scanning the vehicles' computerized second-generation on-board diagnostic (OBD-II) systems. In July 2008, the program dropped tailpipe testing entirely and thereby inspected all vehicles by scanning the OBD-II systems. This resulted from statutory changes in the 2007-2009 biennial budgets exempting from the vehicle inspection program the model years of vehicles not federally required to be equipped with the OBD-II technology (model year 1995 and older cars and light trucks and model year 2006 and older heavy trucks).

The WIVIP tested approximately 654,190 vehicles in 2017. Including all tests issued with a result of pass, fail, abort, void, or waived, the WIVIP conducted 690,186 tests. The program's aggregate failure rate in 2017 (among pass and fail results) was 5.5 %. In 2018, the WIVIP tested approximately 657,655 vehicles, conducted 691,189 tests, and had an aggregate fail rate of 5.1%

The primary mode of I/M program compliance enforcement in Wisconsin is denial of vehicle registration. Testable vehicles in the seven I/M counties must obtain either a passing emission inspection or a waiver before the owner can renew her/his registration. Upon completing the testing and registration renewal process, the motorist receives a license plate sticker indicating the month and year until which the registration remains valid.

Currently, motorists qualified to renew their registration may do so through the WisDOT Division of Motor Vehicles (DMV), at an emissions inspection station, or at one of numerous other authorized third-party DMV Agent sites. The latter include a variety of businesses, e.g. convenience marts, financial service centers, and some municipal offices. Motorists may also renew online.

USEPA Reporting Requirement: 40 CFR 51.366 (3)(1) Any changes made to the program design, funding, personnel levels, procedures, regulations, and legal authority with detailed discussion and evaluation of the impact on the program of all such changes

WISCONSIN DEPARTMENT OF TRANSPORTATION PERSONNEL

Two Quality Assurance Specialists joined the program in 2017 to fill two positions opened by retirement.

WAIVER REPAIR COST LIMIT RAISED

The waiver repair cost limit increased to \$896, effective July 1, 2018.

PRINT-ON-DEMAND TEMPORARY PLATES

Print-on-demand temporary plates were implemented in 2018. Print-on-demand provides better security and availability for motorists who need more time to complete emissions testing requirements.

USEPA Reporting Requirement: 40 CFR 51.366 (3)(2) Any weaknesses or problems identified in the program within the two-year reporting period, what steps have already been taken to correct these problems, the results of those steps, and any future efforts planned.

PROGRAM ISSUES IDENTIFIED AND CORRECTED

The Wisconsin DOT and Opus Inspection worked together on an ongoing basis to address and resolve any issues that arose during the operation of the vehicle inspection and maintenance program. . The continuing communication between the parties results in no long-term issues.

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST1003	1,222	5	26	6	41	6	61	20	68	18	147
WIST1012	837	4	24	3	28	14	44	14	60	16	76
WIST1016	200		7		6	4	10	5	9	5	26
WIST1018	513	2	5	1	13	8	25	5	34	15	50
WIST1019	904	8	7	6	23	7	37	18	44	19	66
WIST1020	182	4	4	2	5	3	12	7	6	7	13
WIST1021	203	3	3		10	3	7	5	14	5	22
WIST2015	2,737	11	33	12	51	24	88	32	159	43	224
WIST2017	1,709	9	21	2	40	9	45	16	81	24	121
WIST2018	7,162	29	95	47	213	78	303	116	481	146	669
WIST2019	937	5	30	7	40	6	71	21	69	19	75
WIST2021	3,253	23	46	11	102	39	136	48	248	59	336
WIST2024	2,816	9	37	13	70	30	122	45	163	59	229
WIST2025	2,891	13	30	9	58	26	102	30	150	43	239
WIST2026	10,854	31	105	40	262	83	396	133	695	154	972
WIST2027	2,553	5	14	3	28	15	60	25	105	31	184
WIST2028	3,181	9	63	18	113	25	149	36	233	53	351
WIST2029	1,157	2	6	1	17	5	32	14	66	13	79
WIST2030	313	6	8	3	20	9	17	15	26	13	30
WIST2031	620	6	15	7	18	8	28	15	38	9	65
WIST2032	74		1	1	2	1		1	2	1	3
WIST2033	210	4	3	2	7	3	9	10	13	13	26
WIST2034	284	3	4	1	2	5	4	6	15	6	18
WIST2035	43		1	1			2	1	2		2
WIST3003	1,503	9	25	10	55	13	72	28	138	27	165
WIST3005	2,963	21	42	10	72	27	125	23	184	39	255
WIST3006	1,820	13	33	5	80	24	118	31	161	40	163
WIST3013	3,540	30	55	14	86	50	140	88	234	87	291
WIST3014	2,549	18	52	21	90	61	161	48	244	67	276
WIST3015	2,918	9	41	16	84	27	142	52	256	42	287
WIST3016	4,777	48	123	43	219	83	276	116	360	141	538
WIST3018	1,560	9	43	15	68	38	86	53	136	58	147
WIST3021	1,783	11	26	2	53	23	84	19	138	43	149

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST3022	147			2	3	1	25	2	13		24
WIST3023	1,559	14	19	7	16	10	38	10	59	19	100
WIST3024	3,476	25	73	36	124	58	150	69	252	95	306
WIST3025	209	1	6	1	2	6	6	8	13	7	19
WIST3028	148	2	4			1	3	1	7		3
WIST3029	478		14	7	12	13	27	12	34	15	46
WIST3030	847	3	8	4	16	3	26	10	44	17	80
WIST3031	54		3	2	3	2	1	1	4	2	4
WIST3032	81		1		3	2	1	3	6	1	1
WIST3033	38			1	1	1	3		2	3	3
WIST4002	1,117	2	19	8	38	7	59	17	67	17	95
WIST4003	3,910	14	64	19	130	46	159	55	265	62	364
WIST4006	6,920	28	112	25	165	39	251	81	419	96	624
WIST4009	293	3	4	1	11	3	9	6	22	12	23
WIST4014	834	7	19	11	39	4	44	14	72	17	86
WIST4017	4,496	19	54	20	106	33	166	55	284	59	379
WIST4019	1,491	8	33	15	74	22	106	34	146	35	168
WIST4026	2,494	10	20	5	51	17	56	22	102	32	184
WIST4031	4,111	23	135	52	210	83	241	117	332	104	446
WIST4032	5,649	49	133	94	249	176	378	250	494	279	592
WIST4040	1,895	9	27	5	58	16	62	23	94	31	170
WIST4042	3,706	19	67	32	134	46	215	84	333	141	378
WIST4043	16,827	96	376	172	642	275	946	394	1,426	537	1,681
WIST4044	7,009	68	124	70	231	140	361	226	562	255	701
WIST4045	3,068	16	39	20	94	47	162	45	219	59	312
WIST4048	3,994	22	52	28	89	53	180	61	263	83	379
WIST4049	901	2	11	1	31	10	42	8	76	16	82
WIST4050	3,449	14	37	8	80	24	108	26	192	45	270
WIST4051	2,700	14	59	17	112	40	143	51	207	42	280
WIST4053	226	4	9	2	10	9	13	7	26	8	25
WIST4054	3,078	12	67	17	105	28	158	42	200	61	337
WIST4055	1,274	5	24	10	46	12	83	26	92	29	111
WIST4057	3,314	15	58	16	95	30	171	37	254	53	354

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST4058	1,299	4	21	9	28	13	66	9	105	20	129
WIST4059	115	1	3		2	2	7	8	5	4	8
WIST4060	23				1	2				1	
WIST5003	2,262	9	41	13	82	34	82	57	141	71	227
WIST5004	3,188	8	38	9	63	13	98	27	180	42	303
WIST5005	1,649	8	44	11	86	18	107	22	167	32	194
WIST5008	7,061	33	135	59	226	71	335	76	560	139	745
WIST5009	1,756	11	9	3	22	13	38	14	65	13	122
WIST5011	2,712	4	22	6	54	13	77	11	128	37	193
WIST5012	1,215	3	20	1	28	15	60	11	83	24	117
WIST5014	2,677	8	41	10	80	27	116	34	171	53	224
WIST5015	2,390	14	65	23	116	42	157	75	217	76	272
WIST5017	1,882	7	32	12	76	13	109	34	157	39	174
WIST5021	73		2	1	1		1	1	4	4	10
WIST5023	504	2	6	3	13	5	27	6	29	9	52
WIST5029	6,804	20	103	34	147	73	276	108	387	117	523
WIST5036	344	4	3	3	15	10	10	12	20	10	44
WIST5037	1,774	4	31	6	52	10	88	28	116	24	183
WIST5040	1,380	5	35	6	49	24	62	19	93	33	132
WIST5041	647	2	8	4	16	3	16	5	40	7	49
WIST5044	761	3	9	2	12	8	20	5	32	8	50
WIST5045	311	3	8	4	6	4	18	12	25	9	29
WIST5049	3,541	15	49	11	109	24	156	37	259	49	321
WIST5053	983	6	29	9	54	12	78	16	80	24	129
WIST5055	6,935	31	126	38	223	106	327	155	514	159	705
WIST5058	1,115	7	26	6	42	18	52	23	97	28	104
WIST5066	4,485	18	105	35	173	54	294	102	393	105	444
WIST5069	12,519	114	251	179	514	363	680	485	1,076	614	1,269
WIST5071	10,895	53	190	105	378	145	517	212	802	230	1,000
WIST5074	5,930	38	85	41	163	91	273	126	395	137	570
WIST5075	629	9	12	6	21	7	50	17	68	29	62
WIST5076	5,658	27	90	40	187	69	320	106	462	119	579
WIST5077	3,823	20	46	18	107	36	152	42	232	53	344

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST5078	171	2	2	4	3	1	14	7	19	2	16
WIST5079	595	10	7	3	8	4	21	5	27	6	56
WIST5080	48						1		2	1	1
WIST5081	1,978	5	20	14	31	20	63	34	100	64	130
WIST6001	8,913	41	257	103	472	182	605	227	794	272	958
WIST6004	5,585	15	55	19	146	34	249	36	366	77	538
WIST6007	837	2	23	9	46	12	38	16	79	15	97
WIST6013	2,576	3	18	6	59	20	98	22	147	32	219
WIST6014	415	2	12	3	19	5	22	7	34	11	35
WIST6016	805		12	7	24	10	38	14	71	5	82
WIST6018	6,114	45	144	51	269	110	394	126	560	182	641
WIST6021	1,503	3	24	7	35	10	72	13	88	12	140
WIST6022	2,229	3	26	8	65	13	67	32	120	32	199
WIST6026	1,118	3	16	9	31	7	45	8	62	19	85
WIST6030	2,290	6	37	13	53	10	65	27	144	45	183
WIST6031	1,575	5	17	5	42	17	54	30	100	35	147
WIST6033	1,872	5	29	6	41	16	67	16	93	21	149
WIST6034	1,772	5	14	8	40	8	67	20	117	24	126
WIST6035	2,129	16	30	21	80	34	107	53	171	57	205
WIST6037	7,142	58	181	73	298	143	438	223	669	235	744
WIST6039	2,054	18	20	12	25	20	52	10	91	30	138
WIST6040	2,742	24	60	23	107	70	162	86	245	88	270
WIST6041	8,127	31	87	29	194	59	259	83	538	106	700
WIST6042	332		4		9	5	16	9	32	9	38
WIST6043	318	2	6	6	15	5	18	11	26	20	29
WIST7004	4,434	32	121	33	154	66	267	77	379	97	441
WIST7006	822	3	13	6	19	6	26	9	53	8	67
WIST7009	2,844	17	48	14	59	41	122	38	198	94	233
WIST7011	5,543	32	124	35	202	81	288	106	442	113	575
WIST7014	6,932	26	111	29	232	71	318	130	478	130	648
WIST7016	8,062	11	96	24	177	47	309	75	428	112	711
WIST7018	514		8	3	8	3	14	2	33	5	33
WIST7020	946	3	27	8	39	9	57	15	66	32	79

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST7021	367	1	6	3	19	10	20	5	23	5	42
WIST7022	2,599	7	39	8	77	17	108	35	169	36	244
WIST7023	2,652	10	68	23	126	47	128	89	237	81	288
WIST7025	158	3	3		3		4	4	7	2	13
WIST7030	9,966	43	168	78	344	131	517	213	764	238	988
WIST7031	873	2	7		18	3	25	6	43	17	72
WIST7033	5,677	39	152	61	254	98	349	151	487	151	619
WIST7036	5,505	31	154	65	276	108	342	137	466	170	552
WIST7039	1,694	6	26	10	52	14	89	23	114	22	163
WIST7040	3,204	6	54	18	92	18	105	36	193	65	334
WIST7041	4,221	8	67	17	122	26	187	42	273	51	397
WIST7042	7,726	22	111	38	214	52	354	103	600	130	758
WIST7044	4,642	13	82	13	142	26	186	58	334	77	414
WIST7045	6,137	18	88	18	183	52	247	69	401	102	562
WIST7046	2,349	14	71	44	127	36	163	81	206	90	280
WIST7049	2,388	9	29	11	58	11	92	29	156	28	214
WIST7052	8,228	34	110	35	189	74	315	100	462	127	717
WIST7053	2,326	22	48	21	77	30	113	40	174	54	236
WIST7054	1,202	5	26	5	52	11	78	16	86	20	134
WIST7055	5,289	24	137	39	218	65	300	85	452	116	585
WIST7056	4,705	16	85	22	143	59	220	70	357	94	476
WIST7061	1,311	3	33	9	60	14	67	18	101	28	104
WIST7064	2,141	4	19	6	39	18	63	7	104	26	145
WIST7065	5,610	39	130	42	223	75	345	112	518	151	640
WIST7067	1,449	2	25	6	53	10	77	22	80	19	137
WIST7068	3,404	19	51	12	103	36	133	37	225	54	310
WIST7069	6,655	18	81	35	175	58	225	76	401	121	611
WIST7070	2,314	4	27	9	53	11	91	26	157	35	202
WIST7071	3,974	10	60	26	142	43	211	77	274	72	419
WIST7072	3,707	11	63	19	99	33	177	49	246	59	336
WIST7073	4,032	18	75	28	147	59	193	76	320	110	402
WIST7074	14,181	143	443	189	710	333	1,035	506	1,468	545	1,659
WIST7075	2,401	8	61	17	91	25	125	19	187	33	243

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST7076	6,722	27	90	26	145	50	228	80	428	117	593
WIST7078	2,860	16	44	9	82	21	121	21	195	47	238
WIST7080	553	4	9	6	10	8	25	11	37	6	42
WIST7081	4,342	9	82	35	176	66	255	79	346	120	447
WIST7083	7,544	21	104	34	192	69	341	89	508	101	731
WIST7086	751	5	5		10	5	21	3	55	4	61
WIST7088	2,601	16	42	20	91	28	142	44	160	56	226
WIST7092	1,906	2	23	7	47	13	83	28	124	33	167
WIST7093	4,155	11	76	23	115	44	168	57	282	59	385
WIST7094	3,914	9	47	17	89	23	144	48	241	54	350
WIST7095	1,340	3	17	5	42	12	63	11	110	27	129
WIST7098	2,763	1	30	7	78	15	98	29	191	37	266
WIST7103	3,010	18	48	15	99	20	144	30	215	47	323
WIST7106	3,582	10	30	6	58	12	110	20	225	39	297
WIST7108	8,219	41	186	71	316	100	475	152	646	166	824
WIST7109	4,776	32	84	36	168	54	239	69	306	98	515
WIST7113	3,531	22	56	17	87	34	161	35	230	64	340
WIST7115	293	2	4	2	9	2	21	1	17	11	29
WIST7116	7,570	25	64	32	189	55	278	75	429	111	672
WIST7118	3,532	16	60	10	98	41	157	60	271	64	369
WIST7119	5,224	16	58	18	157	35	183	56	311	90	459
WIST7120	2,069	22	45	22	85	41	111	90	182	69	217
WIST7121	1,905	9	19	4	37	14	57	21	90	26	114
WIST7123	5,360	16	97	31	130	65	216	72	285	104	455
WIST7124	3,498	15	32	20	53	19	119	45	174	52	272
WIST7126	1,937	6	26	2	73	24	73	52	138	48	163
WIST7127	4,073	16	52	20	91	29	134	47	275	73	328
WIST7129	2,053	8	42	19	66	25	108	30	166	52	203
WIST7130	2,170	16	28	10	49	21	62	37	137	51	178
WIST7131	417	3	14	7	25	4	17	12	35	22	44
WIST7132	424	7	11		17	4	17	12	36	6	41
WIST7133	124		8	2	4	2	4	2	12	3	15
WIST7134	47	1	2		1	2	1	1	6	1	7

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST7136	49				2	2	3	1	3	1	1
WIST8001	1,409	6	20	5	24	7	53	15	70	17	111
WIST8002	5,897	13	70	19	130	35	180	54	318	84	515
WIST8003	3					3					
WIST8004	11,417	122	354	184	586	313	875	434	1,133	520	1,310
WIST8005	5,997	24	102	67	170	121	273	163	452	199	563
WIST8006	13,787	64	192	75	339	191	534	248	913	325	1,188
WIST8007	6,457	24	109	39	169	72	294	106	446	163	630
WIST8008	3,413	36	98	41	184	95	212	121	307	125	312
WIST8009	3,083	8	34	11	80	26	127	44	225	42	285
WIST8011	6,392	19	103	44	218	81	298	104	474	108	589
WIST8016	388	5	8		18	6	19	3	20	10	34
WIST8017	116		2		2	4	3	2	5	2	5
WISTT001	1,211	5	19	6	35	8	53	13	59	27	89
WISTT003	4,497	41	89	51	171	76	243	98	381	123	519
WISTT005	3,145	5	46	15	80	25	126	52	180	51	284
WISTT007	1,107	7	23	6	46	15	59	13	76	19	97
WISTT008	2,471	11	37	9	64	12	117	22	151	39	234
WISTT009	1,726	4	25	5	46	17	74	22	101	35	153
Grand Total	657,655	3,213	11,498	4,375	21,038	8,160	31,062	11,706	47,350	14,534	62,656

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2006	2007	2008	2009	2010	2011	2012	2013	2014
WIST1003	1,222	22	142	32	86	15	154	34	167	9
WIST1012	837	17	92	32	67	14	85	18	107	10
WIST1016	200	8	34	4	8	8	8	2	25	3
WIST1018	513	18	56	27	44	20	51	20	59	7
WIST1019	904	17	92	21	60	22	97	25	136	21
WIST1020	182	4	15	6	11	6	14	4	24	7
WIST1021	203	5	11	7	17	5	20	1	23	3
WIST2015	2,737	63	318	67	251	68	303	74	411	63
WIST2017	1,709	34	152	28	139	29	218	45	302	29
WIST2018	7,162	174	772	171	638	147	806	180	988	83
WIST2019	937	25	104	14	94	18	82	25	114	13
WIST2021	3,253	81	412	66	262	42	353	76	419	42
WIST2024	2,816	70	347	78	237	58	298	95	428	38
WIST2025	2,891	55	303	87	275	60	335	83	466	48
WIST2026	10,854	175	1,150	246	950	200	1,427	300	1,767	109
WIST2027	2,553	41	256	40	197	42	302	54	465	49
WIST2028	3,181	33	363	64	269	64	355	81	388	37
WIST2029	1,157	19	112	31	98	30	142	22	216	18
WIST2030	313	10	30	8	21	2	21	7	29	6
WIST2031	620	13	88	24	41	18	42	11	81	4
WIST2032	74	2	8	1	7	1	10	2	9	2
WIST2033	210	8	24	9	7	6	15	3	21	5
WIST2034	284	4	27	8	28	5	30	6	48	6
WIST2035	43	2	4	3	3	1	5	2	5	2
WIST3003	1,503	29	150	24	129	27	169	33	182	17
WIST3005	2,963	74	281	58	254	48	380	65	448	52
WIST3006	1,820	23	227	35	156	25	175	30	210	18
WIST3013	3,540	93	387	126	257	69	395	108	510	71
WIST3014	2,549	74	278	86	227	59	213	51	254	21
WIST3015	2,918	67	399	62	235	57	322	79	378	32
WIST3016	4,777	148	504	185	324	124	448	135	466	49
WIST3018	1,560	64	185	68	98	32	133	42	142	12
WIST3021	1,783	45	187	40	136	28	198	52	269	39

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2006	2007	2008	2009	2010	2011	2012	2013	2014
WIST3022	147		19	3	7	4	23	7	10	
WIST3023	1,559	32	152	47	130	27	186	74	262	27
WIST3024	3,476	98	365	107	308	104	345	103	407	38
WIST3025	209	6	25	9	20	5	12	8	22	2
WIST3028	148	3	15	2	16	4	7	5	27	5
WIST3029	478	14	45	11	30	16	45	14	52	2
WIST3030	847	19	95	26	69	17	96	28	129	12
WIST3031	54	6	6	2	1	1	4		2	4
WIST3032	81	2	8	2	2		11	2	17	3
WIST3033	38		4	1	3	1	2		3	3
WIST4002	1,117	19	129	21	89	22	152	23	143	10
WIST4003	3,910	72	441	104	325	84	431	114	545	49
WIST4006	6,920	106	746	132	605	119	883	148	1,025	79
WIST4009	293	11	27	16	26	9	29	8	37	5
WIST4014	834	10	91	18	63	8	88	26	94	3
WIST4017	4,496	82	492	88	388	80	540	109	744	50
WIST4019	1,491	43	162	36	110	33	125	31	153	15
WIST4026	2,494	32	264	48	223	60	322	65	474	36
WIST4031	4,111	130	443	102	298	65	332	82	436	44
WIST4032	5,649	262	609	250	299	151	392	143	438	42
WIST4040	1,895	31	185	33	159	34	225	35	325	37
WIST4042	3,706	153	424	131	306	87	327	89	364	38
WIST4043	16,827	588	1,930	610	1,306	450	1,467	444	1,704	174
WIST4044	7,009	293	763	283	507	188	596	182	734	58
WIST4045	3,068	54	340	79	208	51	368	75	440	37
WIST4048	3,994	80	453	110	335	69	469	122	558	40
WIST4049	901	14	119	14	77	23	117	20	123	6
WIST4050	3,449	59	359	75	289	39	441	66	535	55
WIST4051	2,700	58	303	72	212	45	285	68	303	22
WIST4053	226	6	21	4	15	4	17	4	19	3
WIST4054	3,078	77	343	64	236	66	339	67	427	32
WIST4055	1,274	33	128	34	110	29	126	32	177	24
WIST4057	3,314	33	386	70	263	53	405	83	457	40

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2006	2007	2008	2009	2010	2011	2012	2013	2014
WIST4058	1,299	32	167	19	109	23	136	32	178	16
WIST4059	115	5	11	3	8	3	12	5	12	2
WIST4060	23	1	2		2		4	1	4	2
WIST5003	2,262	73	220	98	160	60	198	70	242	47
WIST5004	3,188	58	334	71	313	59	413	59	505	30
WIST5005	1,649	38	206	33	143	23	146	20	153	15
WIST5008	7,061	143	827	160	585	104	760	158	927	74
WIST5009	1,756	24	172	32	150	24	259	45	345	28
WIST5011	2,712	35	263	56	247	54	377	63	455	42
WIST5012	1,215	19	144	34	125	21	142	29	157	9
WIST5014	2,677	39	274	65	235	43	315	50	424	29
WIST5015	2,390	69	237	81	173	41	199	47	236	27
WIST5017	1,882	44	222	49	136	28	188	38	231	24
WIST5021	73	1	9	1	11	4	7	2	6	
WIST5023	504	11	71	21	61	11	54	6	43	10
WIST5029	6,804	143	725	175	565	130	770	172	983	98
WIST5036	344	16	38	14	32	8	23	12	39	5
WIST5037	1,774	29	195	35	159	29	201	41	240	16
WIST5040	1,380	32	162	25	114	32	146	25	178	17
WIST5041	647	6	80	9	59	10	88	10	96	9
WIST5044	761	7	69	18	65	16	107	20	122	17
WIST5045	311	5	37	9	25	2	34	5	32	3
WIST5049	3,541	67	397	81	293	74	422	77	523	39
WIST5053	983	20	111	17	55	18	104	16	97	6
WIST5055	6,935	203	802	226	585	150	685	178	833	94
WIST5058	1,115	33	160	30	91	12	110	24	127	16
WIST5066	4,485	115	475	118	355	83	452	100	504	52
WIST5069	12,519	632	1,344	631	773	379	871	333	974	115
WIST5071	10,895	275	1,178	272	849	220	1,180	243	1,485	145
WIST5074	5,930	150	671	191	473	168	637	152	794	91
WIST5075	629	22	62	27	36	12	51	25	52	7
WIST5076	5,658	154	657	137	498	107	556	145	691	74
WIST5077	3,823	67	419	87	355	73	490	85	537	53

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2006	2007	2008	2009	2010	2011	2012	2013	2014
WIST5078	171	2	21	4	11	6	13	7	23	5
WIST5079	595	10	42	11	42	10	63	23	83	22
WIST5080	48	2	1	2	5		5	2	4	3
WIST5081	1,978	54	217	65	139	49	197	93	254	57
WIST6001	8,913	233	934	265	669	165	759	185	851	88
WIST6004	5,585	92	670	107	466	95	680	118	847	48
WIST6007	837	11	101	23	50	9	85	12	99	5
WIST6013	2,576	42	292	48	255	52	327	62	411	34
WIST6014	415	4	47	12	35	7	36	12	49	8
WIST6016	805	17	89	19	67	17	96	14	103	6
WIST6018	6,114	142	701	147	472	95	540	142	634	64
WIST6021	1,503	22	174	22	127	24	191	30	236	23
WIST6022	2,229	34	214	45	197	43	258	44	395	30
WIST6026	1,118	22	119	31	79	23	123	31	208	14
WIST6030	2,290	22	214	60	197	43	317	53	403	27
WIST6031	1,575	24	183	36	127	39	197	45	215	19
WIST6033	1,872	45	184	33	161	37	241	48	323	24
WIST6034	1,772	36	172	41	163	28	196	52	322	24
WIST6035	2,129	63	227	80	144	39	182	52	278	27
WIST6037	7,142	263	770	255	467	149	629	192	678	59
WIST6039	2,054	40	204	45	179	38	256	73	377	31
WIST6040	2,742	98	319	90	212	63	233	72	271	32
WIST6041	8,127	145	818	174	708	137	1,004	204	1,389	118
WIST6042	332	12	39	8	20	10	29	2	46	8
WIST6043	318	19	39	17	28	9	22	5	27	1
WIST7004	4,434	102	505	106	331	97	454	106	506	48
WIST7006	822	9	72	18	69	10	84	25	131	24
WIST7009	2,844	77	308	88	241	73	315	85	387	41
WIST7011	5,543	124	543	122	411	121	568	123	745	76
WIST7014	6,932	147	706	157	568	156	797	167	943	96
WIST7016	8,062	113	932	161	685	151	1,024	168	1,315	129
WIST7018	514	9	53	9	44	11	56	15	92	9
WIST7020	946	15	99	27	64	12	102	14	149	8

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2006	2007	2008	2009	2010	2011	2012	2013	2014
WIST7021	367	10	46	10	37	8	20	3	49	3
WIST7022	2,599	48	282	42	222	39	331	47	384	32
WIST7023	2,652	88	298	57	229	57	231	52	279	29
WIST7025	158	2	11	2	21	4	22	4	27	3
WIST7030	9,966	263	1,036	281	772	202	1,011	283	1,275	105
WIST7031	873	11	108	25	78	11	121	14	154	9
WIST7033	5,677	171	677	159	397	107	469	130	593	51
WIST7036	5,505	150	579	138	406	113	509	107	578	45
WIST7039	1,694	35	175	44	143	25	193	40	242	17
WIST7040	3,204	48	345	71	308	49	397	76	467	43
WIST7041	4,221	87	527	77	404	72	461	98	567	61
WIST7042	7,726	156	859	167	708	141	881	168	1,064	86
WIST7044	4,642	89	553	107	398	75	551	97	686	49
WIST7045	6,137	109	687	145	528	95	762	129	898	63
WIST7046	2,349	92	286	75	165	44	170	47	188	19
WIST7049	2,388	50	262	54	200	37	285	53	350	26
WIST7052	8,228	149	850	190	716	156	1,001	215	1,274	127
WIST7053	2,326	53	262	57	203	35	224	54	274	27
WIST7054	1,202	14	139	29	114	16	133	15	142	10
WIST7055	5,289	132	571	118	436	98	522	96	602	43
WIST7056	4,705	117	575	129	425	93	482	142	556	54
WIST7061	1,311	16	147	32	106	25	135	37	166	15
WIST7064	2,141	31	189	38	189	41	279	45	377	30
WIST7065	5,610	143	625	174	447	107	549	125	517	53
WIST7067	1,449	20	156	18	128	19	171	29	198	25
WIST7068	3,404	65	358	81	304	72	427	78	533	50
WIST7069	6,655	135	749	174	573	127	821	188	1,002	102
WIST7070	2,314	35	258	48	225	52	285	47	352	21
WIST7071	3,974	76	462	88	340	74	436	68	548	49
WIST7072	3,707	68	416	86	338	77	421	87	534	40
WIST7073	4,032	91	416	111	284	93	426	111	456	62
WIST7074	14,181	542	1,639	554	902	389	955	367	962	101
WIST7075	2,401	34	256	54	194	31	261	46	333	16

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2006	2007	2008	2009	2010	2011	2012	2013	2014
WIST7076	6,722	124	759	142	627	127	781	159	1,053	71
WIST7078	2,860	45	306	73	195	42	343	79	473	42
WIST7080	553	11	53	23	50	11	61	19	80	6
WIST7081	4,342	142	505	131	349	80	415	104	481	58
WIST7083	7,544	129	891	139	627	131	892	150	1,136	58
WIST7086	751	10	69	14	65	16	94	23	120	11
WIST7088	2,601	65	272	86	208	56	272	70	365	25
WIST7092	1,906	37	206	47	162	38	238	41	309	17
WIST7093	4,155	92	471	98	361	87	461	94	594	55
WIST7094	3,914	84	430	87	349	57	493	86	611	38
WIST7095	1,340	23	145	28	116	23	141	29	184	11
WIST7098	2,763	47	335	74	287	59	283	69	410	23
WIST7103	3,010	46	376	55	268	48	316	69	386	23
WIST7106	3,582	51	388	80	430	55	500	79	581	41
WIST7108	8,219	173	982	209	606	159	843	184	1,009	70
WIST7109	4,776	109	569	134	382	94	517	124	639	47
WIST7113	3,531	69	381	86	299	67	417	89	497	52
WIST7115	293	4	42	2	25	1	42	8	31	7
WIST7116	7,570	139	887	158	672	157	970	192	1,109	115
WIST7118	3,532	66	442	86	323	68	406	79	461	36
WIST7119	5,224	93	574	113	457	124	700	121	785	89
WIST7120	2,069	88	230	69	152	81	146	55	204	12
WIST7121	1,905	27	181	30	163	35	247	51	321	35
WIST7123	5,360	114	528	119	431	128	647	150	846	72
WIST7124	3,498	63	402	93	303	93	473	98	539	41
WIST7126	1,937	53	209	41	162	46	193	45	272	23
WIST7127	4,073	102	447	98	328	89	478	135	659	55
WIST7129	2,053	33	242	59	145	29	220	49	255	28
WIST7130	2,170	63	257	52	187	38	187	61	341	33
WIST7131	417	16	40	9	26	8	38	7	25	8
WIST7132	424	19	51	18	26	10	36	10	47	7
WIST7133	124	3	11	3	9	2	4	2	20	3
WIST7134	47		7	2	2		2	1	2	3

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2006	2007	2008	2009	2010	2011	2012	2013	2014
WIST7136	49	1	5	4	3	1	7	1	3	4
WIST8001	1,409	29	140	36	114	31	196	52	207	21
WIST8002	5,897	107	616	136	554	111	763	155	949	77
WIST8003	3									
WIST8004	11,417	472	1,140	461	726	323	806	298	704	95
WIST8005	5,997	235	641	231	446	144	603	169	667	78
WIST8006	13,787	428	1,468	444	1,165	348	1,553	391	1,900	169
WIST8007	6,457	140	698	199	626	133	720	178	822	75
WIST8008	3,413	146	361	112	228	72	264	82	289	28
WIST8009	3,083	58	334	53	236	62	370	75	507	36
WIST8011	6,392	145	707	137	535	113	726	145	863	59
WIST8016	388	10	43	5	26	2	36	9	57	6
WIST8017	116	5	12	6	7	7	7	6	11	6
WISTT001	1,211	23	164	28	110	22	126	29	191	27
WISTT003	4,497	119	520	152	341	106	396	112	505	41
WISTT005	3,145	53	336	66	261	57	373	56	470	39
WISTT007	1,107	20	125	20	88	16	108	18	158	14
WISTT008	2,471	30	260	44	213	27	291	56	377	18
WISTT009	1,726	30	175	48	166	32	198	36	261	19
Grand Total	657,655	15,882	72,384	17,590	53,511	13,387	70,370	16,104	86,175	7,833

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2015	2016	2017	2018	2019
WIST1003	1,222	150	12		1	
WIST1012	837	104	7	1		
WIST1016	200	27	1			
WIST1018	513	50	3			
WIST1019	904	165	12		1	
WIST1020	182	24	3	1		
WIST1021	203	38	1			
WIST2015	2,737	407	28	5	2	
WIST2017	1,709	342	19	3	1	
WIST2018	7,162	973	37	13	3	
WIST2019	937	101	4			
WIST2021	3,253	425	24	3		
WIST2024	2,816	354	27	6	3	
WIST2025	2,891	464	13	2		
WIST2026	10,854	1,584	64	9	2	
WIST2027	2,553	604	28	3	1	1
WIST2028	3,181	447	23	4	3	
WIST2029	1,157	216	15	3		
WIST2030	313	29	3			
WIST2031	620	81	7	1		
WIST2032	74	20				
WIST2033	210	16	4	2		
WIST2034	284	48	10			
WIST2035	43	6	1			
WIST3003	1,503	194	4	1	2	
WIST3005	2,963	472	24	5	2	2
WIST3006	1,820	241	9	2		1
WIST3013	3,540	396	28	19	6	
WIST3014	2,549	237	7	4		
WIST3015	2,918	318	9	3	1	
WIST3016	4,777	400	40	7		
WIST3018	1,560	125	5	1		
WIST3021	1,783	220	14	7		

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2015	2016	2017	2018	2019
WIST3022	147	3	1			
WIST3023	1,559	305	17	5	3	
WIST3024	3,476	395	14	4		
WIST3025	209	29	1	1		
WIST3028	148	41		2		
WIST3029	478	67	2			
WIST3030	847	137	7	1		
WIST3031	54	6				
WIST3032	81	14	2			
WIST3033	38	5	2			
WIST4002	1,117	168	12			
WIST4003	3,910	525	40	2		
WIST4006	6,920	1,151	82	4		
WIST4009	293	28	2	1		
WIST4014	834	115	5			
WIST4017	4,496	722	20	3	3	
WIST4019	1,491	140	2			
WIST4026	2,494	435	29	6	1	
WIST4031	4,111	406	24	5	1	
WIST4032	5,649	343	17	7	2	
WIST4040	1,895	318	15	3		
WIST4042	3,706	319	18	1		
WIST4043	16,827	1,501	79	23	6	
WIST4044	7,009	622	34	8	3	
WIST4045	3,068	380	21	2		
WIST4048	3,994	519	23	4	2	
WIST4049	901	104	5			
WIST4050	3,449	675	47	3	2	
WIST4051	2,700	353	10	2	2	
WIST4053	226	20				
WIST4054	3,078	377	19	1	3	
WIST4055	1,274	133	9	1		
WIST4057	3,314	424	17			

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2015	2016	2017	2018	2019
WIST4058	1,299	169	12	1	1	
WIST4059	115	14				
WIST4060	23	2	1			
WIST5003	2,262	309	18	7	3	
WIST5004	3,188	545	14	5	1	
WIST5005	1,649	180	2	1		
WIST5008	7,061	910	33	1		
WIST5009	1,756	351	16			
WIST5011	2,712	548	26	1		
WIST5012	1,215	171	2			
WIST5014	2,677	431	6	2		
WIST5015	2,390	197	23	2	1	
WIST5017	1,882	252	11	3	3	
WIST5021	73	8				
WIST5023	504	62	2			
WIST5029	6,804	1,174	63	17	1	
WIST5036	344	26				
WIST5037	1,774	268	16	3		
WIST5040	1,380	179	11	1		
WIST5041	647	127	2		1	
WIST5044	761	155	8	6	2	
WIST5045	311	39	2			
WIST5049	3,541	513	20	4	1	
WIST5053	983	96	6			
WIST5055	6,935	737	43	13	2	
WIST5058	1,115	104	5			
WIST5066	4,485	490	10	5	3	
WIST5069	12,519	851	41	20	10	
WIST5071	10,895	1,333	69	11	3	
WIST5074	5,930	650	30	3	1	
WIST5075	629	49	3	2		
WIST5076	5,658	597	38	4	1	
WIST5077	3,823	571	29	7		

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2015	2016	2017	2018	2019
WIST5078	171	8	1			
WIST5079	595	118	19	4		1
WIST5080	48	15	4			
WIST5081	1,978	312	58	2		
WIST6001	8,913	812	36	4	1	
WIST6004	5,585	897	29	1		
WIST6007	837	100	5			
WIST6013	2,576	408	17	2	1	1
WIST6014	415	54	1			
WIST6016	805	113	1			
WIST6018	6,114	623	30	1	1	
WIST6021	1,503	236	12	1	1	
WIST6022	2,229	376	21	5	2	
WIST6026	1,118	176	5	2		
WIST6030	2,290	350	16	5		
WIST6031	1,575	233	4	1		
WIST6033	1,872	312	20	1		
WIST6034	1,772	293	15	1		
WIST6035	2,129	246	12	4	1	
WIST6037	7,142	583	28	6	1	
WIST6039	2,054	372	19	4		
WIST6040	2,742	211	5	1		
WIST6041	8,127	1,268	63	11	2	
WIST6042	332	35	1			
WIST6043	318	11	2			
WIST7004	4,434	490	21		1	
WIST7006	822	156	14			
WIST7009	2,844	339	21	3	1	1
WIST7011	5,543	689	21	2		
WIST7014	6,932	967	45	8	2	
WIST7016	8,062	1,333	54	7		
WIST7018	514	92	9	6		
WIST7020	946	118	3			

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2015	2016	2017	2018	2019
WIST7021	367	47				
WIST7022	2,599	410	15	7		
WIST7023	2,652	228	7			
WIST7025	158	23				
WIST7030	9,966	1,188	60	6		
WIST7031	873	140	9			
WIST7033	5,677	544	14	4		
WIST7036	5,505	546	27	4	2	
WIST7039	1,694	247	13	1		
WIST7040	3,204	453	22	3	1	
WIST7041	4,221	650	18	8	1	
WIST7042	7,726	1,075	37	2		
WIST7044	4,642	654	35	3		
WIST7045	6,137	935	40	6		
WIST7046	2,349	150		1		
WIST7049	2,388	409	19	4	2	
WIST7052	8,228	1,312	70	5		
WIST7053	2,326	308	12	2		
WIST7054	1,202	156	1			
WIST7055	5,289	630	16	4		
WIST7056	4,705	564	20	3	3	
WIST7061	1,311	181	12	2		
WIST7064	2,141	482	8		1	
WIST7065	5,610	561	27	7		
WIST7067	1,449	239	12	2	1	
WIST7068	3,404	429	23	4		
WIST7069	6,655	915	60	8		
WIST7070	2,314	352	20	4		
WIST7071	3,974	464	24	9	2	
WIST7072	3,707	530	18			
WIST7073	4,032	529	22	3		
WIST7074	14,181	687	36	13	3	
WIST7075	2,401	343	21	3		

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2015	2016	2017	2018	2019
WIST7076	6,722	1,050	42	3		
WIST7078	2,860	436	25	6	1	
WIST7080	553	80	1			
WIST7081	4,342	439	17	5	1	
WIST7083	7,544	1,181	17	2	1	
WIST7086	751	146	9	4	1	
WIST7088	2,601	342	11	2	2	
WIST7092	1,906	274	10			
WIST7093	4,155	585	30	5	2	
WIST7094	3,914	630	26	1		
WIST7095	1,340	208	12	1		
WIST7098	2,763	405	19			
WIST7103	3,010	435	27	2		
WIST7106	3,582	532	23	10	5	
WIST7108	8,219	960	38	8	1	
WIST7109	4,776	531	20	7	2	
WIST7113	3,531	495	22	10	1	
WIST7115	293	28	4	1		
WIST7116	7,570	1,172	53	9	5	2
WIST7118	3,532	407	11	1		
WIST7119	5,224	728	48	9		
WIST7120	2,069	141	5	2		
WIST7121	1,905	398	16	8	2	
WIST7123	5,360	813	36	4	1	
WIST7124	3,498	557	27	5	2	1
WIST7126	1,937	264	19	4	1	
WIST7127	4,073	596	19	2		
WIST7129	2,053	262	10	2		
WIST7130	2,170	341	18	2		1
WIST7131	417	56	1			
WIST7132	424	44	3		1	1
WIST7133	124	14	1			
WIST7134	47	6				

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

Station ID	Grand Total	2015	2016	2017	2018	2019
WIST7136	49	6	1			
WIST8001	1,409	244	9	2		
WIST8002	5,897	959	40	9	3	
WIST8003	3					
WIST8004	11,417	512	37	10	2	
WIST8005	5,997	606	28	12	3	
WIST8006	13,787	1,739	82	19	11	1
WIST8007	6,457	763	41	6	4	
WIST8008	3,413	282	15	2	1	
WIST8009	3,083	457	11	2		
WIST8011	6,392	884	35	5		
WIST8016	388	65	3	3		
WIST8017	116	19	5			
WISTT001	1,211	172	4	1		
WISTT003	4,497	383	26	1	3	
WISTT005	3,145	544	21	1	4	
WISTT007	1,107	169	8	2		
WISTT008	2,471	449	10			
WISTT009	1,726	260	16	3		
Grand Total	657,655	83,962	3,966	706	180	13

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INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			1996			1997			1998			1999			2000		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST1003	41	3.4%	1,222		0.0%	5	3	11.5%	26		0.0%	6	3	7.3%	41	1	16.7%	6
WIST1012	28	3.3%	837		0.0%	4	2	8.3%	24	1	33.3%	3	3	10.7%	28		0.0%	14
WIST1016	14	7.0%	200		#DIV/0!			0.0%	7		#DIV/0!			0.0%	6		0.0%	4
WIST1018	24	4.7%	513		0.0%	2		0.0%	5		0.0%	1	1	7.7%	13	1	12.5%	8
WIST1019	33	3.7%	904	1	12.5%	8	2	28.6%	7	2	33.3%	6	2	8.7%	23		0.0%	7
WIST1020	2	1.1%	182	1	25.0%	4		0.0%	4		0.0%	2		0.0%	5		0.0%	3
WIST1021	11	5.4%	203	3	100.0%	3		0.0%	3		#DIV/0!		2	20.0%	10		0.0%	3
WIST2015	68	2.5%	2,737		0.0%	11	4	12.1%	33	1	8.3%	12	2	3.9%	51	2	8.3%	24
WIST2017	43	2.5%	1,709		0.0%	9	2	9.5%	21	1	50.0%	2	6	15.0%	40		0.0%	9
WIST2018	256	3.6%	7,162		0.0%	29	6	6.3%	95	4	8.5%	47	15	7.0%	213	10	12.8%	78
WIST2019	29	3.1%	937	2	40.0%	5	3	10.0%	30		0.0%	7	1	2.5%	40		0.0%	6
WIST2021	140	4.3%	3,253	4	17.4%	23	3	6.5%	46	2	18.2%	11	6	5.9%	102	4	10.3%	39
WIST2024	112	4.0%	2,816		0.0%	9	4	10.8%	37	1	7.7%	13	9	12.9%	70	5	16.7%	30
WIST2025	98	3.4%	2,891		0.0%	13	1	3.3%	30		0.0%	9	4	6.9%	58	4	15.4%	26
WIST2026	287	2.6%	10,854	4	12.9%	31	6	5.7%	105	4	10.0%	40	16	6.1%	262	6	7.2%	83
WIST2027	51	2.0%	2,553		0.0%	5	1	7.1%	14		0.0%	3	2	7.1%	28	1	6.7%	15
WIST2028	99	3.1%	3,181	2	22.2%	9	7	11.1%	63	1	5.6%	18	4	3.5%	113	2	8.0%	25
WIST2029	22	1.9%	1,157		0.0%	2		0.0%	6		0.0%	1	1	5.9%	17	1	20.0%	5
WIST2030	30	9.6%	313	2	33.3%	6		0.0%	8		0.0%	3	3	15.0%	20	4	44.4%	9
WIST2031	31	5.0%	620		0.0%	6	1	6.7%	15		0.0%	7	1	5.6%	18		0.0%	8
WIST2032	2	2.7%	74		#DIV/0!			0.0%	1	1	100.0%	1		0.0%	2		0.0%	1
WIST2033	12	5.7%	210		0.0%	4		0.0%	3		0.0%	2	2	28.6%	7		0.0%	3
WIST2034	13	4.6%	284	1	33.3%	3		0.0%	4	1	100.0%	1		0.0%	2		0.0%	5
WIST2035	1	2.3%	43		#DIV/0!			0.0%	1		0.0%	1		#DIV/0!			#DIV/0!	
WIST3003	68	4.5%	1,503	3	33.3%	9	1	4.0%	25	1	10.0%	10	2	3.6%	55	2	15.4%	13
WIST3005	67	2.3%	2,963		0.0%	21	3	7.1%	42		0.0%	10	3	4.2%	72	2	7.4%	27
WIST3006	72	4.0%	1,820	2	15.4%	13	3	9.1%	33	1	20.0%	5	5	6.3%	80	3	12.5%	24
WIST3013	169	4.8%	3,540	2	6.7%	30	7	12.7%	55		0.0%	14	10	11.6%	86	5	10.0%	50
WIST3014	185	7.3%	2,549	3	16.7%	18	1	1.9%	52	2	9.5%	21	12	13.3%	90	11	18.0%	61
WIST3015	107	3.7%	2,918		0.0%	9	2	4.9%	41	2	12.5%	16	4	4.8%	84	2	7.4%	27
WIST3016	340	7.1%	4,777	8	16.7%	48	15	12.2%	123	5	11.6%	43	27	12.3%	219	15	18.1%	83
WIST3018	149	9.6%	1,560	3	33.3%	9	10	23.3%	43	1	6.7%	15	11	16.2%	68	11	28.9%	38
WIST3021	56	3.1%	1,783		0.0%	11	2	7.7%	26		0.0%	2	2	3.8%	53		0.0%	23
WIST3022	1	0.7%	147		#DIV/0!			#DIV/0!			0.0%	2		0.0%	3		0.0%	1
WIST3023	58	3.7%	1,559	1	7.1%	14	1	5.3%	19	1	14.3%	7	4	25.0%	16	1	10.0%	10
WIST3024	180	5.2%	3,476	4	16.0%	25	8	11.0%	73	8	22.2%	36	17	13.7%	124	7	12.1%	58
WIST3025	18	8.6%	209	1	100.0%	1	1	16.7%	6		0.0%	1	1	50.0%	2	2	33.3%	6
WIST3028	2	1.4%	148		0.0%	2		0.0%	4		#DIV/0!			#DIV/0!			0.0%	1
WIST3029	32	6.7%	478		#DIV/0!		1	7.1%	14		0.0%	7	4	33.3%	12	1	7.7%	13

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Station ID	ALL INITIAL TESTS			1996			1997			1998			1999			2000		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST3030	29	3.4%	847		0.0%	3		0.0%	8		0.0%	4		0.0%	16		0.0%	3
WIST3031	9	16.7%	54		#DIV/0!		1	33.3%	3		0.0%	2		0.0%	3		0.0%	2
WIST3032	0	0.0%	81		#DIV/0!			0.0%	1		#DIV/0!			0.0%	3		0.0%	2
WIST3033	4	10.5%	38		#DIV/0!			#DIV/0!		1	100.0%	1		0.0%	1	1	100.0%	1
WIST4002	37	3.3%	1,117		0.0%	2	1	5.3%	19		0.0%	8	3	7.9%	38		0.0%	7
WIST4003	155	4.0%	3,910	2	14.3%	14	8	12.5%	64	1	5.3%	19	13	10.0%	130	6	13.0%	46
WIST4006	156	2.3%	6,920	5	17.9%	28	3	2.7%	112	1	4.0%	25	7	4.2%	165	1	2.6%	39
WIST4009	10	3.4%	293	1	33.3%	3		0.0%	4		0.0%	1		0.0%	11	1	33.3%	3
WIST4014	23	2.8%	834	1	14.3%	7	1	5.3%	19		0.0%	11	4	10.3%	39		0.0%	4
WIST4017	155	3.4%	4,496	5	26.3%	19	6	11.1%	54	4	20.0%	20	11	10.4%	106	6	18.2%	33
WIST4019	74	5.0%	1,491	1	12.5%	8	5	15.2%	33	1	6.7%	15	7	9.5%	74	1	4.5%	22
WIST4026	76	3.0%	2,494	1	10.0%	10	4	20.0%	20	1	20.0%	5	4	7.8%	51	2	11.8%	17
WIST4031	218	5.3%	4,111	2	8.7%	23	14	10.4%	135	3	5.8%	52	19	9.0%	210	11	13.3%	83
WIST4032	818	14.5%	5,649	15	30.6%	49	32	24.1%	133	16	17.0%	94	59	23.7%	249	34	19.3%	176
WIST4040	46	2.4%	1,895	1	11.1%	9	1	3.7%	27	2	40.0%	5	3	5.2%	58	2	12.5%	16
WIST4042	217	5.9%	3,706	4	21.1%	19	7	10.4%	67	1	3.1%	32	9	6.7%	134	5	10.9%	46
WIST4043	897	5.3%	16,827	11	11.5%	96	43	11.4%	376	18	10.5%	172	77	12.0%	642	28	10.2%	275
WIST4044	545	7.8%	7,009	12	17.6%	68	14	11.3%	124	18	25.7%	70	26	11.3%	231	24	17.1%	140
WIST4045	117	3.8%	3,068	2	12.5%	16	7	17.9%	39	2	10.0%	20	5	5.3%	94	5	10.6%	47
WIST4048	183	4.6%	3,994	1	4.5%	22	7	13.5%	52	2	7.1%	28	10	11.2%	89	4	7.5%	53
WIST4049	30	3.3%	901		0.0%	2	1	9.1%	11	1	100.0%	1	2	6.5%	31	1	10.0%	10
WIST4050	62	1.8%	3,449		0.0%	14	3	8.1%	37	1	12.5%	8	4	5.0%	80		0.0%	24
WIST4051	99	3.7%	2,700		0.0%	14	6	10.2%	59	2	11.8%	17	3	2.7%	112	4	10.0%	40
WIST4053	19	8.4%	226		0.0%	4	1	11.1%	9		0.0%	2	1	10.0%	10	2	22.2%	9
WIST4054	94	3.1%	3,078	2	16.7%	12	5	7.5%	67	4	23.5%	17	10	9.5%	105	1	3.6%	28
WIST4055	36	2.8%	1,274	2	40.0%	5	2	8.3%	24		0.0%	10	2	4.3%	46		0.0%	12
WIST4057	119	3.6%	3,314	1	6.7%	15	4	6.9%	58	1	6.3%	16	8	8.4%	95	5	16.7%	30
WIST4058	50	3.8%	1,299		0.0%	4	1	4.8%	21	2	22.2%	9	5	17.9%	28	1	7.7%	13
WIST4059	6	5.2%	115		0.0%	1		0.0%	3		#DIV/0!			0.0%	2		0.0%	2
WIST4060	0	0.0%	23		#DIV/0!			#DIV/0!			#DIV/0!			0.0%	1		0.0%	2
WIST5003	156	6.9%	2,262	2	22.2%	9	8	19.5%	41	4	30.8%	13	11	13.4%	82	6	17.6%	34
WIST5004	74	2.3%	3,188		0.0%	8	2	5.3%	38	1	11.1%	9	1	1.6%	63		0.0%	13
WIST5005	71	4.3%	1,649		0.0%	8	1	2.3%	44	1	9.1%	11	5	5.8%	86	1	5.6%	18
WIST5008	254	3.6%	7,061	3	9.1%	33	9	6.7%	135	6	10.2%	59	22	9.7%	226	3	4.2%	71
WIST5009	43	2.4%	1,756		0.0%	11	1	11.1%	9		0.0%	3	3	13.6%	22	1	7.7%	13
WIST5011	52	1.9%	2,712		0.0%	4	2	9.1%	22	1	16.7%	6	2	3.7%	54	1	7.7%	13
WIST5012	36	3.0%	1,215		0.0%	3	1	5.0%	20		0.0%	1	1	3.6%	28		0.0%	15
WIST5014	75	2.8%	2,677	1	12.5%	8	4	9.8%	41		0.0%	10	9	11.3%	80	2	7.4%	27
WIST5015	195	8.2%	2,390	3	21.4%	14	9	13.8%	65	9	39.1%	23	19	16.4%	116	5	11.9%	42

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Station ID	ALL INITIAL TESTS			1996			1997			1998			1999			2000		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST5017	81	4.3%	1,882	1	14.3%	7	3	9.4%	32		0.0%	12	3	3.9%	76	3	23.1%	13
WIST5021	4	5.5%	73		#DIV/0!		1	50.0%	2		0.0%	1		0.0%	1		#DIV/0!	
WIST5023	11	2.2%	504		0.0%	2		0.0%	6		0.0%	3		0.0%	13	1	20.0%	5
WIST5029	248	3.6%	6,804	3	15.0%	20	2	1.9%	103	1	2.9%	34	10	6.8%	147	8	11.0%	73
WIST5036	27	7.8%	344	1	25.0%	4	1	33.3%	3	1	33.3%	3	3	20.0%	15		0.0%	10
WIST5037	43	2.4%	1,774		0.0%	4	2	6.5%	31		0.0%	6	5	9.6%	52	1	10.0%	10
WIST5040	33	2.4%	1,380		0.0%	5		0.0%	35		0.0%	6	1	2.0%	49	1	4.2%	24
WIST5041	13	2.0%	647		0.0%	2		0.0%	8		0.0%	4		0.0%	16		0.0%	3
WIST5044	21	2.8%	761		0.0%	3		0.0%	9		0.0%	2	1	8.3%	12	2	25.0%	8
WIST5045	19	6.1%	311	1	33.3%	3	1	12.5%	8		0.0%	4	1	16.7%	6		0.0%	4
WIST5049	91	2.6%	3,541	1	6.7%	15	3	6.1%	49	2	18.2%	11	11	10.1%	109	1	4.2%	24
WIST5053	27	2.7%	983		0.0%	6	6	20.7%	29	2	22.2%	9	2	3.7%	54		0.0%	12
WIST5055	383	5.5%	6,935	6	19.4%	31	9	7.1%	126	5	13.2%	38	37	16.6%	223	14	13.2%	106
WIST5058	83	7.4%	1,115	1	14.3%	7	4	15.4%	26		0.0%	6	9	21.4%	42	1	5.6%	18
WIST5066	216	4.8%	4,485	1	5.6%	18	11	10.5%	105	3	8.6%	35	19	11.0%	173	4	7.4%	54
WIST5069	1121	9.0%	12,519	16	14.0%	114	47	18.7%	251	34	19.0%	179	74	14.4%	514	56	15.4%	363
WIST5071	605	5.6%	10,895	5	9.4%	53	15	7.9%	190	16	15.2%	105	43	11.4%	378	24	16.6%	145
WIST5074	321	5.4%	5,930	4	10.5%	38	8	9.4%	85	3	7.3%	41	20	12.3%	163	17	18.7%	91
WIST5075	55	8.7%	629		0.0%	9	2	16.7%	12	2	33.3%	6	2	9.5%	21		0.0%	7
WIST5076	255	4.5%	5,658	2	7.4%	27	6	6.7%	90	3	7.5%	40	22	11.8%	187	6	8.7%	69
WIST5077	105	2.7%	3,823	1	5.0%	20	2	4.3%	46	4	22.2%	18	6	5.6%	107	2	5.6%	36
WIST5078	5	2.9%	171		0.0%	2	1	50.0%	2		0.0%	4		0.0%	3		0.0%	1
WIST5079	14	2.4%	595	1	10.0%	10		0.0%	7		0.0%	3		0.0%	8		0.0%	4
WIST5080	0	0.0%	48		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST5081	66	3.3%	1,978		0.0%	5	1	5.0%	20	1	7.1%	14	3	9.7%	31	3	15.0%	20
WIST6001	661	7.4%	8,913	5	12.2%	41	29	11.3%	257	20	19.4%	103	62	13.1%	472	27	14.8%	182
WIST6004	153	2.7%	5,585	2	13.3%	15	4	7.3%	55	5	26.3%	19	8	5.5%	146	1	2.9%	34
WIST6007	19	2.3%	837		0.0%	2	1	4.3%	23	1	11.1%	9	3	6.5%	46	1	8.3%	12
WIST6013	54	2.1%	2,576		0.0%	3		0.0%	18	2	33.3%	6	4	6.8%	59	1	5.0%	20
WIST6014	10	2.4%	415		0.0%	2	1	8.3%	12		0.0%	3	1	5.3%	19		0.0%	5
WIST6016	32	4.0%	805		#DIV/0!			0.0%	12	2	28.6%	7	2	8.3%	24	2	20.0%	10
WIST6018	380	6.2%	6,114	5	11.1%	45	13	9.0%	144	7	13.7%	51	28	10.4%	269	9	8.2%	110
WIST6021	27	1.8%	1,503		0.0%	3		0.0%	24	1	14.3%	7	1	2.9%	35	1	10.0%	10
WIST6022	69	3.1%	2,229		0.0%	3	2	7.7%	26	1	12.5%	8	3	4.6%	65	2	15.4%	13
WIST6026	32	2.9%	1,118	1	33.3%	3	2	12.5%	16	1	11.1%	9		0.0%	31		0.0%	7
WIST6030	52	2.3%	2,290		0.0%	6	2	5.4%	37	1	7.7%	13	2	3.8%	53		0.0%	10
WIST6031	66	4.2%	1,575		0.0%	5	1	5.9%	17		0.0%	5	3	7.1%	42	3	17.6%	17
WIST6033	55	2.9%	1,872		0.0%	5	5	17.2%	29	1	16.7%	6	5	12.2%	41	1	6.3%	16
WIST6034	44	2.5%	1,772	1	20.0%	5		0.0%	14	1	12.5%	8	2	5.0%	40	1	12.5%	8

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Station ID	ALL INITIAL TESTS			1996			1997			1998			1999			2000		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST6035	144	6.8%	2,129	3	18.8%	16		0.0%	30	6	28.6%	21	9	11.3%	80	6	17.6%	34
WIST6037	518	7.3%	7,142	6	10.3%	58	24	13.3%	181	8	11.0%	73	44	14.8%	298	21	14.7%	143
WIST6039	73	3.6%	2,054	1	5.6%	18	5	25.0%	20	3	25.0%	12	1	4.0%	25	1	5.0%	20
WIST6040	154	5.6%	2,742	3	12.5%	24	8	13.3%	60		0.0%	23	15	14.0%	107	4	5.7%	70
WIST6041	219	2.7%	8,127		0.0%	31	7	8.0%	87	2	6.9%	29	11	5.7%	194	7	11.9%	59
WIST6042	13	3.9%	332		#DIV/0!			0.0%	4		#DIV/0!			0.0%	9	1	20.0%	5
WIST6043	21	6.6%	318		0.0%	2		0.0%	6		0.0%	6		0.0%	15	1	20.0%	5
WIST7004	226	5.1%	4,434	3	9.4%	32	13	10.7%	121	6	18.2%	33	16	10.4%	154	8	12.1%	66
WIST7006	15	1.8%	822		0.0%	3		0.0%	13	1	16.7%	6	2	10.5%	19		0.0%	6
WIST7009	84	3.0%	2,844	1	5.9%	17	4	8.3%	48	2	14.3%	14	3	5.1%	59	4	9.8%	41
WIST7011	228	4.1%	5,543	5	15.6%	32	15	12.1%	124	3	8.6%	35	20	9.9%	202	7	8.6%	81
WIST7014	263	3.8%	6,932	2	7.7%	26	10	9.0%	111	2	6.9%	29	16	6.9%	232	7	9.9%	71
WIST7016	189	2.3%	8,062		0.0%	11	7	7.3%	96	3	12.5%	24	11	6.2%	177	3	6.4%	47
WIST7018	10	1.9%	514		#DIV/0!		1	12.5%	8		0.0%	3		0.0%	8		0.0%	3
WIST7020	37	3.9%	946		0.0%	3	3	11.1%	27		0.0%	8	3	7.7%	39	1	11.1%	9
WIST7021	20	5.4%	367		0.0%	1	1	16.7%	6		0.0%	3	2	10.5%	19		0.0%	10
WIST7022	55	2.1%	2,599		0.0%	7	1	2.6%	39		0.0%	8	5	6.5%	77	1	5.9%	17
WIST7023	124	4.7%	2,652		0.0%	10	7	10.3%	68	2	8.7%	23	11	8.7%	126	11	23.4%	47
WIST7025	4	2.5%	158		0.0%	3		0.0%	3		#DIV/0!			0.0%	3		#DIV/0!	
WIST7030	546	5.5%	9,966	7	16.3%	43	18	10.7%	168	9	11.5%	78	35	10.2%	344	17	13.0%	131
WIST7031	20	2.3%	873		0.0%	2		0.0%	7		#DIV/0!			0.0%	18		0.0%	3
WIST7033	404	7.1%	5,677	6	15.4%	39	22	14.5%	152	11	18.0%	61	33	13.0%	254	17	17.3%	98
WIST7036	365	6.6%	5,505	2	6.5%	31	32	20.8%	154	9	13.8%	65	37	13.4%	276	16	14.8%	108
WIST7039	40	2.4%	1,694		0.0%	6		0.0%	26	1	10.0%	10	5	9.6%	52	1	7.1%	14
WIST7040	89	2.8%	3,204		0.0%	6	3	5.6%	54		0.0%	18	5	5.4%	92	2	11.1%	18
WIST7041	132	3.1%	4,221		0.0%	8	5	7.5%	67	2	11.8%	17	14	11.5%	122	1	3.8%	26
WIST7042	238	3.1%	7,726	4	18.2%	22	9	8.1%	111	2	5.3%	38	17	7.9%	214	5	9.6%	52
WIST7044	125	2.7%	4,642	2	15.4%	13	7	8.5%	82	1	7.7%	13	8	5.6%	142	3	11.5%	26
WIST7045	210	3.4%	6,137	1	5.6%	18	7	8.0%	88	2	11.1%	18	9	4.9%	183	2	3.8%	52
WIST7046	170	7.2%	2,349	2	14.3%	14	5	7.0%	71	10	22.7%	44	16	12.6%	127	3	8.3%	36
WIST7049	47	2.0%	2,388	1	11.1%	9	2	6.9%	29	2	18.2%	11	2	3.4%	58	3	27.3%	11
WIST7052	271	3.3%	8,228	6	17.6%	34	6	5.5%	110	2	5.7%	35	9	4.8%	189	8	10.8%	74
WIST7053	86	3.7%	2,326	2	9.1%	22	3	6.3%	48	2	9.5%	21	6	7.8%	77	7	23.3%	30
WIST7054	35	2.9%	1,202		0.0%	5	1	3.8%	26		0.0%	5	2	3.8%	52	1	9.1%	11
WIST7055	189	3.6%	5,289	4	16.7%	24	10	7.3%	137	7	17.9%	39	18	8.3%	218	5	7.7%	65
WIST7056	160	3.4%	4,705		0.0%	16	7	8.2%	85	3	13.6%	22	13	9.1%	143	6	10.2%	59
WIST7061	51	3.9%	1,311		0.0%	3	8	24.2%	33	1	11.1%	9	2	3.3%	60	2	14.3%	14
WIST7064	36	1.7%	2,141		0.0%	4	1	5.3%	19		0.0%	6	3	7.7%	39		0.0%	18
WIST7065	326	5.8%	5,610	4	10.3%	39	16	12.3%	130	6	14.3%	42	20	9.0%	223	10	13.3%	75

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Station ID	ALL INITIAL TESTS			1996			1997			1998			1999			2000		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7067	33	2.3%	1,449	1	50.0%	2	2	8.0%	25	1	16.7%	6	2	3.8%	53	1	10.0%	10
WIST7068	102	3.0%	3,404	2	10.5%	19	2	3.9%	51	1	8.3%	12	7	6.8%	103	1	2.8%	36
WIST7069	257	3.9%	6,655		0.0%	18	7	8.6%	81	4	11.4%	35	16	9.1%	175	4	6.9%	58
WIST7070	44	1.9%	2,314	1	25.0%	4		0.0%	27		0.0%	9	1	1.9%	53		0.0%	11
WIST7071	137	3.4%	3,974		0.0%	10	3	5.0%	60	2	7.7%	26	10	7.0%	142	2	4.7%	43
WIST7072	122	3.3%	3,707		0.0%	11	7	11.1%	63	3	15.8%	19	6	6.1%	99	4	12.1%	33
WIST7073	183	4.5%	4,032	2	11.1%	18	10	13.3%	75	5	17.9%	28	13	8.8%	147	8	13.6%	59
WIST7074	1084	7.6%	14,181	18	12.6%	143	55	12.4%	443	24	12.7%	189	94	13.2%	710	45	13.5%	333
WIST7075	42	1.7%	2,401		0.0%	8	3	4.9%	61	2	11.8%	17	6	6.6%	91		0.0%	25
WIST7076	201	3.0%	6,722	1	3.7%	27	7	7.8%	90		0.0%	26	10	6.9%	145	7	14.0%	50
WIST7078	65	2.3%	2,860	3	18.8%	16	1	2.3%	44		0.0%	9	5	6.1%	82	2	9.5%	21
WIST7080	17	3.1%	553	1	25.0%	4		0.0%	9	1	16.7%	6		0.0%	10		0.0%	8
WIST7081	228	5.3%	4,342	2	22.2%	9	14	17.1%	82	5	14.3%	35	17	9.7%	176	1	1.5%	66
WIST7083	213	2.8%	7,544	2	9.5%	21	6	5.8%	104	3	8.8%	34	16	8.3%	192	6	8.7%	69
WIST7086	13	1.7%	751		0.0%	5		0.0%	5		#DIV/0!		2	20.0%	10	1	20.0%	5
WIST7088	112	4.3%	2,601	1	6.3%	16	5	11.9%	42	4	20.0%	20	8	8.8%	91	6	21.4%	28
WIST7092	72	3.8%	1,906		0.0%	2	2	8.7%	23	3	42.9%	7	4	8.5%	47		0.0%	13
WIST7093	247	5.9%	4,155		0.0%	11	5	6.6%	76	7	30.4%	23	10	8.7%	115	9	20.5%	44
WIST7094	92	2.4%	3,914	1	11.1%	9	5	10.6%	47	1	5.9%	17	6	6.7%	89	3	13.0%	23
WIST7095	35	2.6%	1,340		0.0%	3	1	5.9%	17		0.0%	5	3	7.1%	42		0.0%	12
WIST7098	113	4.1%	2,763		0.0%	1	2	6.7%	30		0.0%	7	8	10.3%	78	1	6.7%	15
WIST7103	92	3.1%	3,010		0.0%	18	2	4.2%	48	2	13.3%	15	5	5.1%	99	1	5.0%	20
WIST7106	47	1.3%	3,582	1	10.0%	10		0.0%	30	1	16.7%	6	5	8.6%	58	1	8.3%	12
WIST7108	352	4.3%	8,219	3	7.3%	41	12	6.5%	186	8	11.3%	71	35	11.1%	316	7	7.0%	100
WIST7109	220	4.6%	4,776	1	3.1%	32	4	4.8%	84	3	8.3%	36	14	8.3%	168	6	11.1%	54
WIST7113	126	3.6%	3,531	2	9.1%	22	3	5.4%	56	5	29.4%	17	10	11.5%	87	2	5.9%	34
WIST7115	12	4.1%	293	1	50.0%	2		0.0%	4		0.0%	2		0.0%	9		0.0%	2
WIST7116	191	2.5%	7,570	3	12.0%	25	6	9.4%	64	3	9.4%	32	5	2.6%	189	5	9.1%	55
WIST7118	126	3.6%	3,532	1	6.3%	16	1	1.7%	60	1	10.0%	10	9	9.2%	98	6	14.6%	41
WIST7119	159	3.0%	5,224	1	6.3%	16	1	1.7%	58	3	16.7%	18	7	4.5%	157	5	14.3%	35
WIST7120	210	10.1%	2,069	5	22.7%	22	12	26.7%	45	9	40.9%	22	14	16.5%	85	9	22.0%	41
WIST7121	34	1.8%	1,905	1	11.1%	9	1	5.3%	19		0.0%	4	1	2.7%	37	1	7.1%	14
WIST7123	200	3.7%	5,360	4	25.0%	16	9	9.3%	97	3	9.7%	31	11	8.5%	130	8	12.3%	65
WIST7124	162	4.6%	3,498	2	13.3%	15	2	6.3%	32	3	15.0%	20	3	5.7%	53	3	15.8%	19
WIST7126	104	5.4%	1,937	2	33.3%	6	2	7.7%	26		0.0%	2	5	6.8%	73	3	12.5%	24
WIST7127	118	2.9%	4,073	1	6.3%	16	1	1.9%	52	4	20.0%	20	13	14.3%	91	2	6.9%	29
WIST7129	65	3.2%	2,053	1	12.5%	8	3	7.1%	42	1	5.3%	19	5	7.6%	66	2	8.0%	25
WIST7130	77	3.5%	2,170		0.0%	16	3	10.7%	28		0.0%	10	2	4.1%	49		0.0%	21
WIST7131	26	6.2%	417	1	33.3%	3	3	21.4%	14		0.0%	7	3	12.0%	25		0.0%	4

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Station ID	ALL INITIAL TESTS			1996			1997			1998			1999			2000		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7132	27	6.4%	424	1	14.3%	7		0.0%	11		#DIV/0!		1	5.9%	17	1	25.0%	4
WIST7133	7	5.6%	124		#DIV/0!		3	37.5%	8		0.0%	2	1	25.0%	4		0.0%	2
WIST7134	0	0.0%	47		0.0%	1		0.0%	2		#DIV/0!			0.0%	1		0.0%	2
WIST7136	4	8.2%	49		#DIV/0!			#DIV/0!			#DIV/0!			0.0%	2	1	50.0%	2
WIST8001	39	2.8%	1,409	1	16.7%	6		0.0%	20		0.0%	5	2	8.3%	24	1	14.3%	7
WIST8002	158	2.7%	5,897	2	15.4%	13	6	8.6%	70	3	15.8%	19	11	8.5%	130	2	5.7%	35
WIST8003	2	66.7%	3		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!		2	66.7%	3
WIST8004	1140	10.0%	11,417	14	11.5%	122	60	16.9%	354	35	19.0%	184	101	17.2%	586	58	18.5%	313
WIST8005	428	7.1%	5,997	5	20.8%	24	8	7.8%	102	9	13.4%	67	26	15.3%	170	18	14.9%	121
WIST8006	727	5.3%	13,787	6	9.4%	64	20	10.4%	192	5	6.7%	75	41	12.1%	339	23	12.0%	191
WIST8007	274	4.2%	6,457	2	8.3%	24	9	8.3%	109	6	15.4%	39	13	7.7%	169	11	15.3%	72
WIST8008	298	8.7%	3,413	5	13.9%	36	22	22.4%	98	12	29.3%	41	24	13.0%	184	14	14.7%	95
WIST8009	124	4.0%	3,083	1	12.5%	8	4	11.8%	34	1	9.1%	11	4	5.0%	80	1	3.8%	26
WIST8011	281	4.4%	6,392	2	10.5%	19	8	7.8%	103	7	15.9%	44	25	11.5%	218	6	7.4%	81
WIST8016	23	5.9%	388		0.0%	5	2	25.0%	8		#DIV/0!			0.0%	18		0.0%	6
WIST8017	8	6.9%	116		#DIV/0!			0.0%	2		#DIV/0!		1	50.0%	2	1	25.0%	4
WISTT001	39	3.2%	1,211		0.0%	5	1	5.3%	19		0.0%	6	7	20.0%	35	1	12.5%	8
WISTT003	390	8.7%	4,497	8	19.5%	41	10	11.2%	89	10	19.6%	51	27	15.8%	171	10	13.2%	76
WISTT005	125	4.0%	3,145	2	40.0%	5	6	13.0%	46		0.0%	15	5	6.3%	80	4	16.0%	25
WISTT007	39	3.5%	1,107		0.0%	7	1	4.3%	23		0.0%	6	4	8.7%	46	1	6.7%	15
WISTT008	79	3.2%	2,471	1	9.1%	11	1	2.7%	37		0.0%	9	8	12.5%	64		0.0%	12
WISTT009	50	2.9%	1,726		0.0%	4	1	4.0%	25	1	20.0%	5	3	6.5%	46		0.0%	17
Grand Total	29624	4.5%	657,655	363	11.3%	3213	1131	9.8%	11498	573	13.1%	4375	2064	9.8%	21038	969	11.9%	8160

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Station ID	ALL INITIAL TESTS			2001			2002			2003			2004			2005		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST1003	41	3.4%	1,222	4	6.6%	61		0.0%	20	6	8.8%	68	1	5.6%	18	8	5.4%	147
WIST1012	28	3.3%	837	4	9.1%	44		0.0%	14	3	5.0%	60		0.0%	16	2	2.6%	76
WIST1016	14	7.0%	200	2	20.0%	10	1	20.0%	5		0.0%	9	1	20.0%	5	5	19.2%	26
WIST1018	24	4.7%	513	1	4.0%	25		0.0%	5	6	17.6%	34	1	6.7%	15	2	4.0%	50
WIST1019	33	3.7%	904	2	5.4%	37	3	16.7%	18	5	11.4%	44	2	10.5%	19	6	9.1%	66
WIST1020	2	1.1%	182		0.0%	12	1	14.3%	7		0.0%	6		0.0%	7		0.0%	13
WIST1021	11	5.4%	203		0.0%	7	1	20.0%	5	1	7.1%	14		0.0%	5		0.0%	22
WIST2015	68	2.5%	2,737	12	13.6%	88	3	9.4%	32	8	5.0%	159	2	4.7%	43	9	4.0%	224
WIST2017	43	2.5%	1,709	4	8.9%	45		0.0%	16	3	3.7%	81	3	12.5%	24	4	3.3%	121
WIST2018	256	3.6%	7,162	35	11.6%	303	9	7.8%	116	39	8.1%	481	9	6.2%	146	27	4.0%	669
WIST2019	29	3.1%	937	8	11.3%	71	1	4.8%	21	4	5.8%	69	2	10.5%	19	5	6.7%	75
WIST2021	140	4.3%	3,253	13	9.6%	136	7	14.6%	48	20	8.1%	248	5	8.5%	59	24	7.1%	336
WIST2024	112	4.0%	2,816	8	6.6%	122	4	8.9%	45	9	5.5%	163	5	8.5%	59	19	8.3%	229
WIST2025	98	3.4%	2,891	13	12.7%	102	6	20.0%	30	16	10.7%	150	3	7.0%	43	14	5.9%	239
WIST2026	287	2.6%	10,854	28	7.1%	396	15	11.3%	133	41	5.9%	695	11	7.1%	154	35	3.6%	972
WIST2027	51	2.0%	2,553	4	6.7%	60	3	12.0%	25	4	3.8%	105	2	6.5%	31	8	4.3%	184
WIST2028	99	3.1%	3,181	9	6.0%	149	1	2.8%	36	16	6.9%	233	3	5.7%	53	22	6.3%	351
WIST2029	22	1.9%	1,157	3	9.4%	32	1	7.1%	14	2	3.0%	66		0.0%	13	5	6.3%	79
WIST2030	30	9.6%	313		0.0%	17	7	46.7%	15		0.0%	26	2	15.4%	13	6	20.0%	30
WIST2031	31	5.0%	620	7	25.0%	28	2	13.3%	15	3	7.9%	38	2	22.2%	9	4	6.2%	65
WIST2032	2	2.7%	74		#DIV/0!			0.0%	1		0.0%	2		0.0%	1		0.0%	3
WIST2033	12	5.7%	210	1	11.1%	9		0.0%	10	3	23.1%	13	1	7.7%	13	1	3.8%	26
WIST2034	13	4.6%	284	1	25.0%	4		0.0%	6		0.0%	15	1	16.7%	6		0.0%	18
WIST2035	1	2.3%	43		0.0%	2		0.0%	1		0.0%	2		#DIV/0!			0.0%	2
WIST3003	68	4.5%	1,503	9	12.5%	72	3	10.7%	28	9	6.5%	138	4	14.8%	27	12	7.3%	165
WIST3005	67	2.3%	2,963	8	6.4%	125	4	17.4%	23	6	3.3%	184		0.0%	39	11	4.3%	255
WIST3006	72	4.0%	1,820	14	11.9%	118	4	12.9%	31	8	5.0%	161	1	2.5%	40	6	3.7%	163
WIST3013	169	4.8%	3,540	20	14.3%	140	9	10.2%	88	21	9.0%	234	7	8.0%	87	21	7.2%	291
WIST3014	185	7.3%	2,549	28	17.4%	161	11	22.9%	48	29	11.9%	244	13	19.4%	67	22	8.0%	276
WIST3015	107	3.7%	2,918	16	11.3%	142	3	5.8%	52	21	8.2%	256	4	9.5%	42	5	1.7%	287
WIST3016	340	7.1%	4,777	40	14.5%	276	9	7.8%	116	40	11.1%	360	13	9.2%	141	58	10.8%	538
WIST3018	149	9.6%	1,560	15	17.4%	86	12	22.6%	53	15	11.0%	136	11	19.0%	58	15	10.2%	147
WIST3021	56	3.1%	1,783	7	8.3%	84	3	15.8%	19	9	6.5%	138	3	7.0%	43	6	4.0%	149
WIST3022	1	0.7%	147		0.0%	25		0.0%	2	1	7.7%	13		#DIV/0!			0.0%	24
WIST3023	58	3.7%	1,559	4	10.5%	38	1	10.0%	10	5	8.5%	59	2	10.5%	19	10	10.0%	100
WIST3024	180	5.2%	3,476	18	12.0%	150	4	5.8%	69	25	9.9%	252	12	12.6%	95	21	6.9%	306
WIST3025	18	8.6%	209	1	16.7%	6	1	12.5%	8	1	7.7%	13	2	28.6%	7	2	10.5%	19
WIST3028	2	1.4%	148		0.0%	3		0.0%	1	1	14.3%	7		#DIV/0!			0.0%	3
WIST3029	32	6.7%	478	1	3.7%	27	1	8.3%	12	4	11.8%	34	2	13.3%	15	4	8.7%	46

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Station ID	ALL INITIAL TESTS			2001			2002			2003			2004			2005		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST3030	29	3.4%	847	4	15.4%	26	3	30.0%	10	2	4.5%	44	2	11.8%	17	8	10.0%	80
WIST3031	9	16.7%	54		0.0%	1	1	100.0%	1	1	25.0%	4	1	50.0%	2	2	50.0%	4
WIST3032	0	0.0%	81		0.0%	1		0.0%	3		0.0%	6		0.0%	1		0.0%	1
WIST3033	4	10.5%	38	1	33.3%	3		#DIV/0!			0.0%	2		0.0%	3		0.0%	3
WIST4002	37	3.3%	1,117	4	6.8%	59	5	29.4%	17	7	10.4%	67	2	11.8%	17	3	3.2%	95
WIST4003	155	4.0%	3,910	14	8.8%	159	6	10.9%	55	26	9.8%	265	3	4.8%	62	24	6.6%	364
WIST4006	156	2.3%	6,920	17	6.8%	251	7	8.6%	81	17	4.1%	419	8	8.3%	96	22	3.5%	624
WIST4009	10	3.4%	293		0.0%	9		0.0%	6	1	4.5%	22	1	8.3%	12	2	8.7%	23
WIST4014	23	2.8%	834	2	4.5%	44		0.0%	14	6	8.3%	72	2	11.8%	17	1	1.2%	86
WIST4017	155	3.4%	4,496	14	8.4%	166	6	10.9%	55	24	8.5%	284	2	3.4%	59	17	4.5%	379
WIST4019	74	5.0%	1,491	7	6.6%	106	3	8.8%	34	7	4.8%	146	2	5.7%	35	13	7.7%	168
WIST4026	76	3.0%	2,494	6	10.7%	56	5	22.7%	22	9	8.8%	102	3	9.4%	32	7	3.8%	184
WIST4031	218	5.3%	4,111	23	9.5%	241	14	12.0%	117	25	7.5%	332	14	13.5%	104	24	5.4%	446
WIST4032	818	14.5%	5,649	96	25.4%	378	53	21.2%	250	88	17.8%	494	54	19.4%	279	95	16.0%	592
WIST4040	46	2.4%	1,895	6	9.7%	62	1	4.3%	23	8	8.5%	94	1	3.2%	31	7	4.1%	170
WIST4042	217	5.9%	3,706	32	14.9%	215	9	10.7%	84	35	10.5%	333	20	14.2%	141	21	5.6%	378
WIST4043	897	5.3%	16,827	115	12.2%	946	50	12.7%	394	110	7.7%	1426	42	7.8%	537	102	6.1%	1681
WIST4044	545	7.8%	7,009	66	18.3%	361	50	22.1%	226	77	13.7%	562	35	13.7%	255	69	9.8%	701
WIST4045	117	3.8%	3,068	15	9.3%	162	3	6.7%	45	17	7.8%	219	2	3.4%	59	25	8.0%	312
WIST4048	183	4.6%	3,994	17	9.4%	180	7	11.5%	61	20	7.6%	263	5	6.0%	83	34	9.0%	379
WIST4049	30	3.3%	901	3	7.1%	42		0.0%	8	6	7.9%	76	1	6.3%	16	5	6.1%	82
WIST4050	62	1.8%	3,449	2	1.9%	108	1	3.8%	26	9	4.7%	192	2	4.4%	45	14	5.2%	270
WIST4051	99	3.7%	2,700	12	8.4%	143	4	7.8%	51	21	10.1%	207	1	2.4%	42	13	4.6%	280
WIST4053	19	8.4%	226	3	23.1%	13	1	14.3%	7	4	15.4%	26	2	25.0%	8	1	4.0%	25
WIST4054	94	3.1%	3,078	17	10.8%	158	1	2.4%	42	5	2.5%	200	5	8.2%	61	14	4.2%	337
WIST4055	36	2.8%	1,274	2	2.4%	83	2	7.7%	26	4	4.3%	92	1	3.4%	29	6	5.4%	111
WIST4057	119	3.6%	3,314	17	9.9%	171	5	13.5%	37	20	7.9%	254	2	3.8%	53	17	4.8%	354
WIST4058	50	3.8%	1,299	9	13.6%	66		0.0%	9	8	7.6%	105	2	10.0%	20	9	7.0%	129
WIST4059	6	5.2%	115	2	28.6%	7	1	12.5%	8	1	20.0%	5		0.0%	4		0.0%	8
WIST4060	0	0.0%	23		#DIV/0!			#DIV/0!			#DIV/0!			0.0%	1		#DIV/0!	
WIST5003	156	6.9%	2,262	12	14.6%	82	8	14.0%	57	18	12.8%	141	11	15.5%	71	22	9.7%	227
WIST5004	74	2.3%	3,188	10	10.2%	98	6	22.2%	27	11	6.1%	180	2	4.8%	42	14	4.6%	303
WIST5005	71	4.3%	1,649	12	11.2%	107	1	4.5%	22	12	7.2%	167	2	6.3%	32	12	6.2%	194
WIST5008	254	3.6%	7,061	40	11.9%	335	11	14.5%	76	23	4.1%	560	9	6.5%	139	38	5.1%	745
WIST5009	43	2.4%	1,756	5	13.2%	38		0.0%	14	9	13.8%	65		0.0%	13	4	3.3%	122
WIST5011	52	1.9%	2,712	4	5.2%	77	2	18.2%	11	5	3.9%	128	1	2.7%	37	7	3.6%	193
WIST5012	36	3.0%	1,215	6	10.0%	60	1	9.1%	11	7	8.4%	83	1	4.2%	24	4	3.4%	117
WIST5014	75	2.8%	2,677	14	12.1%	116	2	5.9%	34	8	4.7%	171	5	9.4%	53	7	3.1%	224
WIST5015	195	8.2%	2,390	25	15.9%	157	11	14.7%	75	26	12.0%	217	7	9.2%	76	31	11.4%	272

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Station ID	ALL INITIAL TESTS			2001			2002			2003			2004			2005		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST5017	81	4.3%	1,882	10	9.2%	109	3	8.8%	34	12	7.6%	157	3	7.7%	39	10	5.7%	174
WIST5021	4	5.5%	73		0.0%	1	1	100.0%	1		0.0%	4		0.0%	4		0.0%	10
WIST5023	11	2.2%	504	3	11.1%	27	2	33.3%	6	1	3.4%	29		0.0%	9	2	3.8%	52
WIST5029	248	3.6%	6,804	29	10.5%	276	8	7.4%	108	45	11.6%	387	9	7.7%	117	38	7.3%	523
WIST5036	27	7.8%	344	1	10.0%	10	1	8.3%	12	4	20.0%	20	3	30.0%	10	3	6.8%	44
WIST5037	43	2.4%	1,774	4	4.5%	88		0.0%	28	4	3.4%	116	1	4.2%	24	12	6.6%	183
WIST5040	33	2.4%	1,380	5	8.1%	62		0.0%	19	4	4.3%	93	1	3.0%	33	5	3.8%	132
WIST5041	13	2.0%	647	1	6.3%	16		0.0%	5	1	2.5%	40		0.0%	7	4	8.2%	49
WIST5044	21	2.8%	761	4	20.0%	20		0.0%	5	4	12.5%	32		0.0%	8	3	6.0%	50
WIST5045	19	6.1%	311	2	11.1%	18	2	16.7%	12	2	8.0%	25	1	11.1%	9	4	13.8%	29
WIST5049	91	2.6%	3,541	14	9.0%	156	1	2.7%	37	13	5.0%	259	2	4.1%	49	8	2.5%	321
WIST5053	27	2.7%	983	2	2.6%	78	1	6.3%	16	3	3.8%	80	1	4.2%	24	2	1.6%	129
WIST5055	383	5.5%	6,935	37	11.3%	327	28	18.1%	155	37	7.2%	514	18	11.3%	159	49	7.0%	705
WIST5058	83	7.4%	1,115	5	9.6%	52	5	21.7%	23	14	14.4%	97	3	10.7%	28	6	5.8%	104
WIST5066	216	4.8%	4,485	34	11.6%	294	7	6.9%	102	26	6.6%	393	6	5.7%	105	33	7.4%	444
WIST5069	1121	9.0%	12,519	97	14.3%	680	79	16.3%	485	143	13.3%	1076	77	12.5%	614	143	11.3%	1269
WIST5071	605	5.6%	10,895	62	12.0%	517	31	14.6%	212	83	10.3%	802	36	15.7%	230	89	8.9%	1000
WIST5074	321	5.4%	5,930	34	12.5%	273	14	11.1%	126	46	11.6%	395	21	15.3%	137	26	4.6%	570
WIST5075	55	8.7%	629	7	14.0%	50	2	11.8%	17	15	22.1%	68	3	10.3%	29	6	9.7%	62
WIST5076	255	4.5%	5,658	43	13.4%	320	10	9.4%	106	46	10.0%	462	6	5.0%	119	39	6.7%	579
WIST5077	105	2.7%	3,823	12	7.9%	152	3	7.1%	42	15	6.5%	232	1	1.9%	53	19	5.5%	344
WIST5078	5	2.9%	171	3	21.4%	14		0.0%	7	1	5.3%	19		0.0%	2		0.0%	16
WIST5079	14	2.4%	595	2	9.5%	21		0.0%	5	1	3.7%	27		0.0%	6	1	1.8%	56
WIST5080	0	0.0%	48		0.0%	1		#DIV/0!			0.0%	2		0.0%	1		0.0%	1
WIST5081	66	3.3%	1,978	8	12.7%	63	1	2.9%	34	6	6.0%	100	5	7.8%	64	8	6.2%	130
WIST6001	661	7.4%	8,913	86	14.2%	605	28	12.3%	227	98	12.3%	794	35	12.9%	272	86	9.0%	958
WIST6004	153	2.7%	5,585	16	6.4%	249		0.0%	36	20	5.5%	366	5	6.5%	77	24	4.5%	538
WIST6007	19	2.3%	837	1	2.6%	38	1	6.3%	16	2	2.5%	79		0.0%	15	3	3.1%	97
WIST6013	54	2.1%	2,576	8	8.2%	98		0.0%	22	6	4.1%	147		0.0%	32	12	5.5%	219
WIST6014	10	2.4%	415	1	4.5%	22		0.0%	7	3	8.8%	34		0.0%	11	2	5.7%	35
WIST6016	32	4.0%	805	7	18.4%	38	1	7.1%	14	5	7.0%	71	1	20.0%	5	4	4.9%	82
WIST6018	380	6.2%	6,114	46	11.7%	394	18	14.3%	126	57	10.2%	560	18	9.9%	182	60	9.4%	641
WIST6021	27	1.8%	1,503	3	4.2%	72		0.0%	13	4	4.5%	88	1	8.3%	12	6	4.3%	140
WIST6022	69	3.1%	2,229	3	4.5%	67	6	18.8%	32	11	9.2%	120	1	3.1%	32	11	5.5%	199
WIST6026	32	2.9%	1,118	2	4.4%	45	1	12.5%	8	7	11.3%	62	1	5.3%	19	6	7.1%	85
WIST6030	52	2.3%	2,290	2	3.1%	65	3	11.1%	27	7	4.9%	144	1	2.2%	45	6	3.3%	183
WIST6031	66	4.2%	1,575	5	9.3%	54	5	16.7%	30	5	5.0%	100	1	2.9%	35	15	10.2%	147
WIST6033	55	2.9%	1,872	7	10.4%	67	2	12.5%	16	6	6.5%	93		0.0%	21	11	7.4%	149
WIST6034	44	2.5%	1,772	8	11.9%	67	1	5.0%	20	10	8.5%	117	2	8.3%	24	4	3.2%	126

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Station ID	ALL INITIAL TESTS			2001			2002			2003			2004			2005		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST6035	144	6.8%	2,129	11	10.3%	107	12	22.6%	53	18	10.5%	171	9	15.8%	57	18	8.8%	205
WIST6037	518	7.3%	7,142	64	14.6%	438	37	16.6%	223	89	13.3%	669	17	7.2%	235	65	8.7%	744
WIST6039	73	3.6%	2,054	5	9.6%	52	2	20.0%	10	11	12.1%	91	2	6.7%	30	7	5.1%	138
WIST6040	154	5.6%	2,742	19	11.7%	162	9	10.5%	86	20	8.2%	245	11	12.5%	88	10	3.7%	270
WIST6041	219	2.7%	8,127	19	7.3%	259	8	9.6%	83	28	5.2%	538	7	6.6%	106	27	3.9%	700
WIST6042	13	3.9%	332	2	12.5%	16	2	22.2%	9	3	9.4%	32		0.0%	9	3	7.9%	38
WIST6043	21	6.6%	318	1	5.6%	18	1	9.1%	11	5	19.2%	26	2	10.0%	20	5	17.2%	29
WIST7004	226	5.1%	4,434	34	12.7%	267	7	9.1%	77	34	9.0%	379	11	11.3%	97	31	7.0%	441
WIST7006	15	1.8%	822	4	15.4%	26	1	11.1%	9	1	1.9%	53	1	12.5%	8	2	3.0%	67
WIST7009	84	3.0%	2,844	11	9.0%	122	3	7.9%	38	14	7.1%	198	8	8.5%	94	9	3.9%	233
WIST7011	228	4.1%	5,543	35	12.2%	288	7	6.6%	106	29	6.6%	442	8	7.1%	113	23	4.0%	575
WIST7014	263	3.8%	6,932	33	10.4%	318	14	10.8%	130	31	6.5%	478	9	6.9%	130	44	6.8%	648
WIST7016	189	2.3%	8,062	28	9.1%	309	4	5.3%	75	25	5.8%	428	5	4.5%	112	26	3.7%	711
WIST7018	10	1.9%	514	1	7.1%	14		0.0%	2	1	3.0%	33		0.0%	5		0.0%	33
WIST7020	37	3.9%	946	7	12.3%	57	1	6.7%	15	3	4.5%	66	2	6.3%	32	4	5.1%	79
WIST7021	20	5.4%	367	2	10.0%	20	1	20.0%	5	2	8.7%	23		0.0%	5	6	14.3%	42
WIST7022	55	2.1%	2,599	4	3.7%	108		0.0%	35	8	4.7%	169	4	11.1%	36	6	2.5%	244
WIST7023	124	4.7%	2,652	8	6.3%	128	4	4.5%	89	20	8.4%	237	6	7.4%	81	16	5.6%	288
WIST7025	4	2.5%	158		0.0%	4	2	50.0%	4		0.0%	7		0.0%	2		0.0%	13
WIST7030	546	5.5%	9,966	68	13.2%	517	31	14.6%	213	78	10.2%	764	23	9.7%	238	76	7.7%	988
WIST7031	20	2.3%	873		0.0%	25		0.0%	6	2	4.7%	43	2	11.8%	17	2	2.8%	72
WIST7033	404	7.1%	5,677	52	14.9%	349	22	14.6%	151	60	12.3%	487	25	16.6%	151	48	7.8%	619
WIST7036	365	6.6%	5,505	57	16.7%	342	19	13.9%	137	36	7.7%	466	20	11.8%	170	33	6.0%	552
WIST7039	40	2.4%	1,694	3	3.4%	89	3	13.0%	23	3	2.6%	114	1	4.5%	22	9	5.5%	163
WIST7040	89	2.8%	3,204	9	8.6%	105	2	5.6%	36	13	6.7%	193	2	3.1%	65	14	4.2%	334
WIST7041	132	3.1%	4,221	24	12.8%	187	5	11.9%	42	13	4.8%	273	3	5.9%	51	16	4.0%	397
WIST7042	238	3.1%	7,726	38	10.7%	354	6	5.8%	103	35	5.8%	600	4	3.1%	130	27	3.6%	758
WIST7044	125	2.7%	4,642	12	6.5%	186	4	6.9%	58	17	5.1%	334	7	9.1%	77	12	2.9%	414
WIST7045	210	3.4%	6,137	22	8.9%	247	8	11.6%	69	26	6.5%	401	4	3.9%	102	36	6.4%	562
WIST7046	170	7.2%	2,349	18	11.0%	163	13	16.0%	81	26	12.6%	206	8	8.9%	90	24	8.6%	280
WIST7049	47	2.0%	2,388	10	10.9%	92	2	6.9%	29	6	3.8%	156	2	7.1%	28	5	2.3%	214
WIST7052	271	3.3%	8,228	29	9.2%	315	9	9.0%	100	30	6.5%	462	11	8.7%	127	47	6.6%	717
WIST7053	86	3.7%	2,326	9	8.0%	113	5	12.5%	40	12	6.9%	174	4	7.4%	54	7	3.0%	236
WIST7054	35	2.9%	1,202	6	7.7%	78	1	6.3%	16	7	8.1%	86	1	5.0%	20	5	3.7%	134
WIST7055	189	3.6%	5,289	19	6.3%	300	7	8.2%	85	28	6.2%	452	9	7.8%	116	23	3.9%	585
WIST7056	160	3.4%	4,705	22	10.0%	220	7	10.0%	70	23	6.4%	357	3	3.2%	94	20	4.2%	476
WIST7061	51	3.9%	1,311	5	7.5%	67	2	11.1%	18	7	6.9%	101	4	14.3%	28	7	6.7%	104
WIST7064	36	1.7%	2,141		0.0%	63		0.0%	7	7	6.7%	104	4	15.4%	26	3	2.1%	145
WIST7065	326	5.8%	5,610	49	14.2%	345	11	9.8%	112	57	11.0%	518	16	10.6%	151	43	6.7%	640

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Station ID	ALL INITIAL TESTS			2001			2002			2003			2004			2005		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7067	33	2.3%	1,449	3	3.9%	77	1	4.5%	22	6	7.5%	80	1	5.3%	19	7	5.1%	137
WIST7068	102	3.0%	3,404	7	5.3%	133	1	2.7%	37	20	8.9%	225	3	5.6%	54	17	5.5%	310
WIST7069	257	3.9%	6,655	35	15.6%	225	6	7.9%	76	31	7.7%	401	11	9.1%	121	45	7.4%	611
WIST7070	44	1.9%	2,314	4	4.4%	91	1	3.8%	26	9	5.7%	157	5	14.3%	35	5	2.5%	202
WIST7071	137	3.4%	3,974	16	7.6%	211	2	2.6%	77	15	5.5%	274	7	9.7%	72	26	6.2%	419
WIST7072	122	3.3%	3,707	11	6.2%	177	2	4.1%	49	20	8.1%	246	6	10.2%	59	18	5.4%	336
WIST7073	183	4.5%	4,032	20	10.4%	193	5	6.6%	76	27	8.4%	320	10	9.1%	110	30	7.5%	402
WIST7074	1084	7.6%	14,181	156	15.1%	1035	76	15.0%	506	152	10.4%	1468	53	9.7%	545	131	7.9%	1659
WIST7075	42	1.7%	2,401	7	5.6%	125		0.0%	19	2	1.1%	187		0.0%	33	7	2.9%	243
WIST7076	201	3.0%	6,722	11	4.8%	228	8	10.0%	80	42	9.8%	428	8	6.8%	117	29	4.9%	593
WIST7078	65	2.3%	2,860	8	6.6%	121	2	9.5%	21	4	2.1%	195	4	8.5%	47	10	4.2%	238
WIST7080	17	3.1%	553	2	8.0%	25	1	9.1%	11	3	8.1%	37		0.0%	6	4	9.5%	42
WIST7081	228	5.3%	4,342	27	10.6%	255	15	19.0%	79	25	7.2%	346	13	10.8%	120	32	7.2%	447
WIST7083	213	2.8%	7,544	31	9.1%	341	6	6.7%	89	30	5.9%	508	5	5.0%	101	31	4.2%	731
WIST7086	13	1.7%	751	3	14.3%	21		0.0%	3	1	1.8%	55		0.0%	4	2	3.3%	61
WIST7088	112	4.3%	2,601	14	9.9%	142	2	4.5%	44	10	6.3%	160	5	8.9%	56	17	7.5%	226
WIST7092	72	3.8%	1,906	8	9.6%	83	3	10.7%	28	18	14.5%	124	1	3.0%	33	8	4.8%	167
WIST7093	247	5.9%	4,155	24	14.3%	168	11	19.3%	57	23	8.2%	282	7	11.9%	59	35	9.1%	385
WIST7094	92	2.4%	3,914	10	6.9%	144	1	2.1%	48	15	6.2%	241	6	11.1%	54	9	2.6%	350
WIST7095	35	2.6%	1,340	4	6.3%	63	3	27.3%	11	5	4.5%	110	1	3.7%	27	4	3.1%	129
WIST7098	113	4.1%	2,763	18	18.4%	98	1	3.4%	29	15	7.9%	191	3	8.1%	37	19	7.1%	266
WIST7103	92	3.1%	3,010	14	9.7%	144	3	10.0%	30	15	7.0%	215	1	2.1%	47	11	3.4%	323
WIST7106	47	1.3%	3,582	8	7.3%	110	1	5.0%	20	9	4.0%	225	2	5.1%	39	6	2.0%	297
WIST7108	352	4.3%	8,219	46	9.7%	475	12	7.9%	152	56	8.7%	646	14	8.4%	166	59	7.2%	824
WIST7109	220	4.6%	4,776	30	12.6%	239	6	8.7%	69	33	10.8%	306	7	7.1%	98	35	6.8%	515
WIST7113	126	3.6%	3,531	12	7.5%	161	8	22.9%	35	17	7.4%	230	2	3.1%	64	27	7.9%	340
WIST7115	12	4.1%	293	4	19.0%	21		0.0%	1		0.0%	17		0.0%	11	2	6.9%	29
WIST7116	191	2.5%	7,570	29	10.4%	278	4	5.3%	75	34	7.9%	429	6	5.4%	111	26	3.9%	672
WIST7118	126	3.6%	3,532	13	8.3%	157	8	13.3%	60	16	5.9%	271	3	4.7%	64	27	7.3%	369
WIST7119	159	3.0%	5,224	16	8.7%	183	4	7.1%	56	24	7.7%	311	5	5.6%	90	24	5.2%	459
WIST7120	210	10.1%	2,069	21	18.9%	111	22	24.4%	90	30	16.5%	182	10	14.5%	69	24	11.1%	217
WIST7121	34	1.8%	1,905	6	10.5%	57	2	9.5%	21	5	5.6%	90		0.0%	26	1	0.9%	114
WIST7123	200	3.7%	5,360	26	12.0%	216	4	5.6%	72	26	9.1%	285	3	2.9%	104	29	6.4%	455
WIST7124	162	4.6%	3,498	21	17.6%	119	6	13.3%	45	18	10.3%	174	7	13.5%	52	28	10.3%	272
WIST7126	104	5.4%	1,937	10	13.7%	73	9	17.3%	52	16	11.6%	138	4	8.3%	48	16	9.8%	163
WIST7127	118	2.9%	4,073	16	11.9%	134	2	4.3%	47	16	5.8%	275	4	5.5%	73	21	6.4%	328
WIST7129	65	3.2%	2,053	9	8.3%	108	2	6.7%	30	8	4.8%	166	3	5.8%	52	6	3.0%	203
WIST7130	77	3.5%	2,170	4	6.5%	62	6	16.2%	37	12	8.8%	137	2	3.9%	51	11	6.2%	178
WIST7131	26	6.2%	417	3	17.6%	17	2	16.7%	12	4	11.4%	35		0.0%	22	7	15.9%	44

40 CFR PART 51.366 (a)(4)
INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2001			2002			2003			2004			2005		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7132	27	6.4%	424	3	17.6%	17	2	16.7%	12	3	8.3%	36	3	50.0%	6	4	9.8%	41
WIST7133	7	5.6%	124		0.0%	4		0.0%	2	2	16.7%	12		0.0%	3		0.0%	15
WIST7134	0	0.0%	47		0.0%	1		0.0%	1		0.0%	6		0.0%	1		0.0%	7
WIST7136	4	8.2%	49	1	33.3%	3		0.0%	1	1	33.3%	3		0.0%	1		0.0%	1
WIST8001	39	2.8%	1,409	9	17.0%	53	2	13.3%	15	4	5.7%	70	1	5.9%	17	2	1.8%	111
WIST8002	158	2.7%	5,897	16	8.9%	180	3	5.6%	54	18	5.7%	318	5	6.0%	84	22	4.3%	515
WIST8003	2	66.7%	3		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST8004	1140	10.0%	11,417	165	18.9%	875	81	18.7%	434	165	14.6%	1133	56	10.8%	520	138	10.5%	1310
WIST8005	428	7.1%	5,997	37	13.6%	273	29	17.8%	163	64	14.2%	452	21	10.6%	199	43	7.6%	563
WIST8006	727	5.3%	13,787	77	14.4%	534	46	18.5%	248	108	11.8%	913	38	11.7%	325	99	8.3%	1188
WIST8007	274	4.2%	6,457	36	12.2%	294	10	9.4%	106	33	7.4%	446	14	8.6%	163	44	7.0%	630
WIST8008	298	8.7%	3,413	41	19.3%	212	18	14.9%	121	45	14.7%	307	15	12.0%	125	38	12.2%	312
WIST8009	124	4.0%	3,083	11	8.7%	127	6	13.6%	44	21	9.3%	225	7	16.7%	42	20	7.0%	285
WIST8011	281	4.4%	6,392	40	13.4%	298	16	15.4%	104	31	6.5%	474	14	13.0%	108	36	6.1%	589
WIST8016	23	5.9%	388	1	5.3%	19	2	66.7%	3	3	15.0%	20	1	10.0%	10	5	14.7%	34
WIST8017	8	6.9%	116	1	33.3%	3		0.0%	2		0.0%	5		0.0%	2		0.0%	5
WISTT001	39	3.2%	1,211	5	9.4%	53	3	23.1%	13	7	11.9%	59	1	3.7%	27	2	2.2%	89
WISTT003	390	8.7%	4,497	47	19.3%	243	21	21.4%	98	61	16.0%	381	17	13.8%	123	60	11.6%	519
WISTT005	125	4.0%	3,145	16	12.7%	126	7	13.5%	52	7	3.9%	180	4	7.8%	51	19	6.7%	284
WISTT007	39	3.5%	1,107	8	13.6%	59	1	7.7%	13	3	3.9%	76	2	10.5%	19	4	4.1%	97
WISTT008	79	3.2%	2,471	12	10.3%	117	4	18.2%	22	6	4.0%	151	4	10.3%	39	12	5.1%	234
WISTT009	50	2.9%	1,726	4	5.4%	74	1	4.5%	22	7	6.9%	101		0.0%	35	10	6.5%	153
Grand Total	29624	4.5%	657,655	3565	11.5%	31062	1447	12.4%	11706	4057	8.6%	47350	1326	9.1%	14534	4016	6.4%	62656

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INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2006			2007			2008			2009			2010		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST1003	41	3.4%	1,222	1	4.5%	22	7	4.9%	142		0.0%	32	2	2.3%	86		0.0%	15
WIST1012	28	3.3%	837	1	5.9%	17	6	6.5%	92	1	3.1%	32		0.0%	67		0.0%	14
WIST1016	14	7.0%	200		0.0%	8	2	5.9%	34		0.0%	4		0.0%	8		0.0%	8
WIST1018	24	4.7%	513	2	11.1%	18	4	7.1%	56	2	7.4%	27	2	4.5%	44		0.0%	20
WIST1019	33	3.7%	904	2	11.8%	17	2	2.2%	92	1	4.8%	21	1	1.7%	60		0.0%	22
WIST1020	2	1.1%	182		0.0%	4		0.0%	15		0.0%	6		0.0%	11		0.0%	6
WIST1021	11	5.4%	203	1	20.0%	5	2	18.2%	11	1	14.3%	7		0.0%	17		0.0%	5
WIST2015	68	2.5%	2,737	1	1.6%	63	5	1.6%	318	1	1.5%	67	5	2.0%	251	1	1.5%	68
WIST2017	43	2.5%	1,709	1	2.9%	34	5	3.3%	152		0.0%	28	3	2.2%	139	1	3.4%	29
WIST2018	256	3.6%	7,162	14	8.0%	174	27	3.5%	772	2	1.2%	171	25	3.9%	638	5	3.4%	147
WIST2019	29	3.1%	937		0.0%	25	2	1.9%	104		0.0%	14		0.0%	94		0.0%	18
WIST2021	140	4.3%	3,253	5	6.2%	81	22	5.3%	412	4	6.1%	66	4	1.5%	262		0.0%	42
WIST2024	112	4.0%	2,816	4	5.7%	70	15	4.3%	347	4	5.1%	78	6	2.5%	237	1	1.7%	58
WIST2025	98	3.4%	2,891		0.0%	55	13	4.3%	303	4	4.6%	87	6	2.2%	275	1	1.7%	60
WIST2026	287	2.6%	10,854	5	2.9%	175	33	2.9%	1150	6	2.4%	246	27	2.8%	950	1	0.5%	200
WIST2027	51	2.0%	2,553	1	2.4%	41	5	2.0%	256		0.0%	40	5	2.5%	197		0.0%	42
WIST2028	99	3.1%	3,181	1	3.0%	33	11	3.0%	363	3	4.7%	64	4	1.5%	269	1	1.6%	64
WIST2029	22	1.9%	1,157		0.0%	19	1	0.9%	112	1	3.2%	31	1	1.0%	98		0.0%	30
WIST2030	30	9.6%	313	1	10.0%	10	1	3.3%	30		0.0%	8	1	4.8%	21	1	50.0%	2
WIST2031	31	5.0%	620		0.0%	13	5	5.7%	88	1	4.2%	24	1	2.4%	41		0.0%	18
WIST2032	2	2.7%	74	1	50.0%	2		0.0%	8		0.0%	1		0.0%	7		0.0%	1
WIST2033	12	5.7%	210		0.0%	8		0.0%	24		0.0%	9		0.0%	7		0.0%	6
WIST2034	13	4.6%	284	2	50.0%	4		0.0%	27	1	12.5%	8	1	3.6%	28		0.0%	5
WIST2035	1	2.3%	43		0.0%	2		0.0%	4		0.0%	3		0.0%	3	1	100.0%	1
WIST3003	68	4.5%	1,503	2	6.9%	29	9	6.0%	150	4	16.7%	24	4	3.1%	129		0.0%	27
WIST3005	67	2.3%	2,963		0.0%	74	11	3.9%	281	2	3.4%	58	6	2.4%	254	1	2.1%	48
WIST3006	72	4.0%	1,820		0.0%	23	17	7.5%	227	3	8.6%	35	2	1.3%	156		0.0%	25
WIST3013	169	4.8%	3,540	5	5.4%	93	24	6.2%	387	4	3.2%	126	10	3.9%	257	1	1.4%	69
WIST3014	185	7.3%	2,549	8	10.8%	74	23	8.3%	278	4	4.7%	86	3	1.3%	227	3	5.1%	59
WIST3015	107	3.7%	2,918	5	7.5%	67	18	4.5%	399	1	1.6%	62	13	5.5%	235		0.0%	57
WIST3016	340	7.1%	4,777	13	8.8%	148	35	6.9%	504	12	6.5%	185	16	4.9%	324	6	4.8%	124
WIST3018	149	9.6%	1,560	7	10.9%	64	11	5.9%	185	7	10.3%	68	6	6.1%	98		0.0%	32
WIST3021	56	3.1%	1,783	3	6.7%	45	9	4.8%	187	2	5.0%	40	3	2.2%	136		0.0%	28
WIST3022	1	0.7%	147		#DIV/0!			0.0%	19		0.0%	3		0.0%	7		0.0%	4
WIST3023	58	3.7%	1,559	4	12.5%	32	6	3.9%	152	2	4.3%	47	5	3.8%	130	1	3.7%	27
WIST3024	180	5.2%	3,476	8	8.2%	98	13	3.6%	365	5	4.7%	107	10	3.2%	308	2	1.9%	104
WIST3025	18	8.6%	209	1	16.7%	6	1	4.0%	25	2	22.2%	9		0.0%	20		0.0%	5
WIST3028	2	1.4%	148		0.0%	3		0.0%	15		0.0%	2		0.0%	16		0.0%	4
WIST3029	32	6.7%	478		0.0%	14	3	6.7%	45	2	18.2%	11	2	6.7%	30	2	12.5%	16

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INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2006			2007			2008			2009			2010		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST3030	29	3.4%	847		0.0%	19	5	5.3%	95	1	3.8%	26	1	1.4%	69		0.0%	17
WIST3031	9	16.7%	54	2	33.3%	6	1	16.7%	6		0.0%	2		0.0%	1		0.0%	1
WIST3032	0	0.0%	81		0.0%	2		0.0%	8		0.0%	2		0.0%	2		#DIV/0!	
WIST3033	4	10.5%	38		#DIV/0!			0.0%	4		0.0%	1	1	33.3%	3		0.0%	1
WIST4002	37	3.3%	1,117	1	5.3%	19	5	3.9%	129		0.0%	21	1	1.1%	89		0.0%	22
WIST4003	155	4.0%	3,910	5	6.9%	72	17	3.9%	441	3	2.9%	104	5	1.5%	325	3	3.6%	84
WIST4006	156	2.3%	6,920	7	6.6%	106	23	3.1%	746	1	0.8%	132	7	1.2%	605	5	4.2%	119
WIST4009	10	3.4%	293	2	18.2%	11		0.0%	27		0.0%	16		0.0%	26		0.0%	9
WIST4014	23	2.8%	834		0.0%	10	1	1.1%	91	2	11.1%	18	1	1.6%	63		0.0%	8
WIST4017	155	3.4%	4,496	9	11.0%	82	14	2.8%	492	3	3.4%	88	8	2.1%	388	1	1.3%	80
WIST4019	74	5.0%	1,491	5	11.6%	43	10	6.2%	162	2	5.6%	36	5	4.5%	110		0.0%	33
WIST4026	76	3.0%	2,494	1	3.1%	32	7	2.7%	264	1	2.1%	48	7	3.1%	223	3	5.0%	60
WIST4031	218	5.3%	4,111	7	5.4%	130	27	6.1%	443	6	5.9%	102	7	2.3%	298	1	1.5%	65
WIST4032	818	14.5%	5,649	50	19.1%	262	77	12.6%	609	34	13.6%	250	31	10.4%	299	11	7.3%	151
WIST4040	46	2.4%	1,895	1	3.2%	31	5	2.7%	185	1	3.0%	33	2	1.3%	159	1	2.9%	34
WIST4042	217	5.9%	3,706	17	11.1%	153	31	7.3%	424	6	4.6%	131	7	2.3%	306		0.0%	87
WIST4043	897	5.3%	16,827	38	6.5%	588	90	4.7%	1930	40	6.6%	610	35	2.7%	1306	10	2.2%	450
WIST4044	545	7.8%	7,009	27	9.2%	293	50	6.6%	763	18	6.4%	283	23	4.5%	507	5	2.7%	188
WIST4045	117	3.8%	3,068	2	3.7%	54	11	3.2%	340	3	3.8%	79	3	1.4%	208		0.0%	51
WIST4048	183	4.6%	3,994	9	11.3%	80	26	5.7%	453	4	3.6%	110	12	3.6%	335	3	4.3%	69
WIST4049	30	3.3%	901	2	14.3%	14	2	1.7%	119	1	7.1%	14		0.0%	77		0.0%	23
WIST4050	62	1.8%	3,449	1	1.7%	59	5	1.4%	359	2	2.7%	75	5	1.7%	289		0.0%	39
WIST4051	99	3.7%	2,700	3	5.2%	58	10	3.3%	303	1	1.4%	72	4	1.9%	212		0.0%	45
WIST4053	19	8.4%	226	1	16.7%	6	1	4.8%	21		0.0%	4		0.0%	15	1	25.0%	4
WIST4054	94	3.1%	3,078	1	1.3%	77	13	3.8%	343	3	4.7%	64	3	1.3%	236		0.0%	66
WIST4055	36	2.8%	1,274	1	3.0%	33	4	3.1%	128	1	2.9%	34	4	3.6%	110	1	3.4%	29
WIST4057	119	3.6%	3,314	1	3.0%	33	14	3.6%	386	2	2.9%	70	7	2.7%	263	1	1.9%	53
WIST4058	50	3.8%	1,299		0.0%	32	7	4.2%	167		0.0%	19		0.0%	109	1	4.3%	23
WIST4059	6	5.2%	115		0.0%	5	1	9.1%	11		0.0%	3		0.0%	8		0.0%	3
WIST4060	0	0.0%	23		0.0%	1		0.0%	2		#DIV/0!			0.0%	2		#DIV/0!	
WIST5003	156	6.9%	2,262	7	9.6%	73	16	7.3%	220	4	4.1%	98	6	3.8%	160	2	3.3%	60
WIST5004	74	2.3%	3,188	3	5.2%	58	12	3.6%	334	2	2.8%	71	4	1.3%	313		0.0%	59
WIST5005	71	4.3%	1,649	1	2.6%	38	9	4.4%	206	1	3.0%	33	4	2.8%	143		0.0%	23
WIST5008	254	3.6%	7,061	8	5.6%	143	37	4.5%	827	4	2.5%	160	11	1.9%	585	4	3.8%	104
WIST5009	43	2.4%	1,756	1	4.2%	24	7	4.1%	172	1	3.1%	32	7	4.7%	150		0.0%	24
WIST5011	52	1.9%	2,712	2	5.7%	35	8	3.0%	263		0.0%	56	5	2.0%	247	1	1.9%	54
WIST5012	36	3.0%	1,215	1	5.3%	19	4	2.8%	144	3	8.8%	34	2	1.6%	125		0.0%	21
WIST5014	75	2.8%	2,677		0.0%	39	8	2.9%	274	5	7.7%	65	2	0.9%	235	1	2.3%	43
WIST5015	195	8.2%	2,390	9	13.0%	69	11	4.6%	237	8	9.9%	81	3	1.7%	173	2	4.9%	41

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INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2006			2007			2008			2009			2010		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST5017	81	4.3%	1,882	2	4.5%	44	15	6.8%	222	1	2.0%	49	3	2.2%	136	2	7.1%	28
WIST5021	4	5.5%	73	1	100.0%	1		0.0%	9		0.0%	1		0.0%	11	1	25.0%	4
WIST5023	11	2.2%	504		0.0%	11	2	2.8%	71		0.0%	21		0.0%	61		0.0%	11
WIST5029	248	3.6%	6,804	11	7.7%	143	36	5.0%	725	9	5.1%	175	10	1.8%	565	4	3.1%	130
WIST5036	27	7.8%	344	1	6.3%	16		0.0%	38	2	14.3%	14	3	9.4%	32		0.0%	8
WIST5037	43	2.4%	1,774	2	6.9%	29	4	2.1%	195	2	5.7%	35	2	1.3%	159		0.0%	29
WIST5040	33	2.4%	1,380		0.0%	32	5	3.1%	162	1	4.0%	25	4	3.5%	114		0.0%	32
WIST5041	13	2.0%	647	1	16.7%	6	2	2.5%	80		0.0%	9	1	1.7%	59		0.0%	10
WIST5044	21	2.8%	761		0.0%	7	1	1.4%	69		0.0%	18		0.0%	65		0.0%	16
WIST5045	19	6.1%	311	2	40.0%	5		0.0%	37		0.0%	9	1	4.0%	25		0.0%	2
WIST5049	91	2.6%	3,541	1	1.5%	67	13	3.3%	397	3	3.7%	81	5	1.7%	293	2	2.7%	74
WIST5053	27	2.7%	983		0.0%	20	6	5.4%	111		0.0%	17	1	1.8%	55		0.0%	18
WIST5055	383	5.5%	6,935	13	6.4%	203	39	4.9%	802	14	6.2%	226	29	5.0%	585	4	2.7%	150
WIST5058	83	7.4%	1,115	3	9.1%	33	12	7.5%	160	3	10.0%	30	3	3.3%	91	3	25.0%	12
WIST5066	216	4.8%	4,485	6	5.2%	115	22	4.6%	475	7	5.9%	118	6	1.7%	355	1	1.2%	83
WIST5069	1121	9.0%	12,519	65	10.3%	632	112	8.3%	1344	44	7.0%	631	40	5.2%	773	21	5.5%	379
WIST5071	605	5.6%	10,895	19	6.9%	275	80	6.8%	1178	13	4.8%	272	18	2.1%	849	5	2.3%	220
WIST5074	321	5.4%	5,930	10	6.7%	150	33	4.9%	671	9	4.7%	191	30	6.3%	473	6	3.6%	168
WIST5075	55	8.7%	629	3	13.6%	22	7	11.3%	62	1	3.7%	27	3	8.3%	36	1	8.3%	12
WIST5076	255	4.5%	5,658	8	5.2%	154	26	4.0%	657	4	2.9%	137	15	3.0%	498	1	0.9%	107
WIST5077	105	2.7%	3,823	4	6.0%	67	12	2.9%	419		0.0%	87	5	1.4%	355	2	2.7%	73
WIST5078	5	2.9%	171		0.0%	2		0.0%	21		0.0%	4		0.0%	11		0.0%	6
WIST5079	14	2.4%	595	2	20.0%	10	1	2.4%	42		0.0%	11	2	4.8%	42		0.0%	10
WIST5080	0	0.0%	48		0.0%	2		0.0%	1		0.0%	2		0.0%	5		#DIV/0!	
WIST5081	66	3.3%	1,978	2	3.7%	54	11	5.1%	217		0.0%	65	3	2.2%	139	1	2.0%	49
WIST6001	661	7.4%	8,913	23	9.9%	233	61	6.5%	934	19	7.2%	265	28	4.2%	669	1	0.6%	165
WIST6004	153	2.7%	5,585	3	3.3%	92	29	4.3%	670	6	5.6%	107	9	1.9%	466		0.0%	95
WIST6007	19	2.3%	837	1	9.1%	11	1	1.0%	101	1	4.3%	23	2	4.0%	50		0.0%	9
WIST6013	54	2.1%	2,576	2	4.8%	42	5	1.7%	292		0.0%	48	2	0.8%	255		0.0%	52
WIST6014	10	2.4%	415		0.0%	4	1	2.1%	47		0.0%	12		0.0%	35		0.0%	7
WIST6016	32	4.0%	805	1	5.9%	17	6	6.7%	89		0.0%	19		0.0%	67		0.0%	17
WIST6018	380	6.2%	6,114	11	7.7%	142	51	7.3%	701	6	4.1%	147	19	4.0%	472	2	2.1%	95
WIST6021	27	1.8%	1,503	3	13.6%	22	5	2.9%	174		0.0%	22	2	1.6%	127		0.0%	24
WIST6022	69	3.1%	2,229	3	8.8%	34	6	2.8%	214	3	6.7%	45	5	2.5%	197	1	2.3%	43
WIST6026	32	2.9%	1,118	2	9.1%	22	2	1.7%	119	1	3.2%	31	2	2.5%	79		0.0%	23
WIST6030	52	2.3%	2,290	2	9.1%	22	7	3.3%	214		0.0%	60	2	1.0%	197		0.0%	43
WIST6031	66	4.2%	1,575		0.0%	24	7	3.8%	183	6	16.7%	36	4	3.1%	127		0.0%	39
WIST6033	55	2.9%	1,872	2	4.4%	45	4	2.2%	184		0.0%	33	3	1.9%	161	1	2.7%	37
WIST6034	44	2.5%	1,772	1	2.8%	36	5	2.9%	172		0.0%	41	4	2.5%	163		0.0%	28

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Station ID	ALL INITIAL TESTS			2006			2007			2008			2009			2010		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST6035	144	6.8%	2,129	6	9.5%	63	12	5.3%	227	4	5.0%	80	13	9.0%	144	4	10.3%	39
WIST6037	518	7.3%	7,142	28	10.6%	263	39	5.1%	770	9	3.5%	255	22	4.7%	467	5	3.4%	149
WIST6039	73	3.6%	2,054	3	7.5%	40	9	4.4%	204	5	11.1%	45	4	2.2%	179	1	2.6%	38
WIST6040	154	5.6%	2,742	6	6.1%	98	16	5.0%	319	1	1.1%	90	9	4.2%	212	1	1.6%	63
WIST6041	219	2.7%	8,127	5	3.4%	145	36	4.4%	818	8	4.6%	174	15	2.1%	708	8	5.8%	137
WIST6042	13	3.9%	332	1	8.3%	12		0.0%	39		0.0%	8		0.0%	20		0.0%	10
WIST6043	21	6.6%	318	2	10.5%	19		0.0%	39	1	5.9%	17	1	3.6%	28	1	11.1%	9
WIST7004	226	5.1%	4,434	8	7.8%	102	19	3.8%	505	5	4.7%	106	10	3.0%	331		0.0%	97
WIST7006	15	1.8%	822	1	11.1%	9		0.0%	72		0.0%	18		0.0%	69		0.0%	10
WIST7009	84	3.0%	2,844	3	3.9%	77	5	1.6%	308	3	3.4%	88	5	2.1%	241		0.0%	73
WIST7011	228	4.1%	5,543	2	1.6%	124	25	4.6%	543	6	4.9%	122	20	4.9%	411	6	5.0%	121
WIST7014	263	3.8%	6,932	5	3.4%	147	28	4.0%	706	4	2.5%	157	15	2.6%	568	4	2.6%	156
WIST7016	189	2.3%	8,062	6	5.3%	113	26	2.8%	932	5	3.1%	161	10	1.5%	685	2	1.3%	151
WIST7018	10	1.9%	514		0.0%	9	1	1.9%	53		0.0%	9	1	2.3%	44		0.0%	11
WIST7020	37	3.9%	946	1	6.7%	15	2	2.0%	99		0.0%	27	6	9.4%	64		0.0%	12
WIST7021	20	5.4%	367		0.0%	10	3	6.5%	46	1	10.0%	10	2	5.4%	37		0.0%	8
WIST7022	55	2.1%	2,599	1	2.1%	48	10	3.5%	282	1	2.4%	42	9	4.1%	222		0.0%	39
WIST7023	124	4.7%	2,652	6	6.8%	88	13	4.4%	298	2	3.5%	57	6	2.6%	229	3	5.3%	57
WIST7025	4	2.5%	158		0.0%	2		0.0%	11		0.0%	2	1	4.8%	21		0.0%	4
WIST7030	546	5.5%	9,966	19	7.2%	263	64	6.2%	1036	14	5.0%	281	25	3.2%	772	3	1.5%	202
WIST7031	20	2.3%	873		0.0%	11	5	4.6%	108	2	8.0%	25	4	5.1%	78		0.0%	11
WIST7033	404	7.1%	5,677	6	3.5%	171	43	6.4%	677	11	6.9%	159	18	4.5%	397	3	2.8%	107
WIST7036	365	6.6%	5,505	15	10.0%	150	34	5.9%	579	6	4.3%	138	17	4.2%	406	5	4.4%	113
WIST7039	40	2.4%	1,694	2	5.7%	35	4	2.3%	175	1	2.3%	44	2	1.4%	143		0.0%	25
WIST7040	89	2.8%	3,204	5	10.4%	48	14	4.1%	345	4	5.6%	71	4	1.3%	308	2	4.1%	49
WIST7041	132	3.1%	4,221	4	4.6%	87	11	2.1%	527	5	6.5%	77	8	2.0%	404	1	1.4%	72
WIST7042	238	3.1%	7,726	11	7.1%	156	24	2.8%	859	10	6.0%	167	20	2.8%	708	2	1.4%	141
WIST7044	125	2.7%	4,642	2	2.2%	89	16	2.9%	553	3	2.8%	107	16	4.0%	398		0.0%	75
WIST7045	210	3.4%	6,137	5	4.6%	109	26	3.8%	687	6	4.1%	145	21	4.0%	528	2	2.1%	95
WIST7046	170	7.2%	2,349	7	7.6%	92	16	5.6%	286	5	6.7%	75	4	2.4%	165	3	6.8%	44
WIST7049	47	2.0%	2,388	1	2.0%	50	3	1.1%	262	1	1.9%	54	3	1.5%	200		0.0%	37
WIST7052	271	3.3%	8,228	9	6.0%	149	43	5.1%	850	5	2.6%	190	15	2.1%	716	2	1.3%	156
WIST7053	86	3.7%	2,326	1	1.9%	53	7	2.7%	262	4	7.0%	57	6	3.0%	203	1	2.9%	35
WIST7054	35	2.9%	1,202	1	7.1%	14	3	2.2%	139		0.0%	29	3	2.6%	114		0.0%	16
WIST7055	189	3.6%	5,289	8	6.1%	132	20	3.5%	571	4	3.4%	118	11	2.5%	436	1	1.0%	98
WIST7056	160	3.4%	4,705	4	3.4%	117	19	3.3%	575	8	6.2%	129	11	2.6%	425	2	2.2%	93
WIST7061	51	3.9%	1,311		0.0%	16	6	4.1%	147	2	6.3%	32	2	1.9%	106		0.0%	25
WIST7064	36	1.7%	2,141	2	6.5%	31	7	3.7%	189		0.0%	38	3	1.6%	189	1	2.4%	41
WIST7065	326	5.8%	5,610	12	8.4%	143	34	5.4%	625	7	4.0%	174	7	1.6%	447	4	3.7%	107

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Station ID	ALL INITIAL TESTS			2006			2007			2008			2009			2010		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7067	33	2.3%	1,449		0.0%	20	4	2.6%	156		0.0%	18	1	0.8%	128		0.0%	19
WIST7068	102	3.0%	3,404	5	7.7%	65	10	2.8%	358		0.0%	81	7	2.3%	304	1	1.4%	72
WIST7069	257	3.9%	6,655	2	1.5%	135	40	5.3%	749	9	5.2%	174	13	2.3%	573	5	3.9%	127
WIST7070	44	1.9%	2,314	2	5.7%	35	7	2.7%	258	2	4.2%	48	3	1.3%	225		0.0%	52
WIST7071	137	3.4%	3,974	2	2.6%	76	16	3.5%	462	6	6.8%	88	13	3.8%	340		0.0%	74
WIST7072	122	3.3%	3,707	2	2.9%	68	18	4.3%	416	1	1.2%	86	10	3.0%	338		0.0%	77
WIST7073	183	4.5%	4,032	2	2.2%	91	17	4.1%	416	2	1.8%	111	6	2.1%	284	2	2.2%	93
WIST7074	1084	7.6%	14,181	46	8.5%	542	105	6.4%	1639	25	4.5%	554	36	4.0%	902	13	3.3%	389
WIST7075	42	1.7%	2,401		0.0%	34	4	1.6%	256	1	1.9%	54	3	1.5%	194		0.0%	31
WIST7076	201	3.0%	6,722	10	8.1%	124	23	3.0%	759	5	3.5%	142	13	2.1%	627	3	2.4%	127
WIST7078	65	2.3%	2,860	4	8.9%	45	8	2.6%	306	2	2.7%	73	2	1.0%	195		0.0%	42
WIST7080	17	3.1%	553	1	9.1%	11	2	3.8%	53		0.0%	23		0.0%	50	1	9.1%	11
WIST7081	228	5.3%	4,342	10	7.0%	142	27	5.3%	505	11	8.4%	131	8	2.3%	349	2	2.5%	80
WIST7083	213	2.8%	7,544	4	3.1%	129	28	3.1%	891	7	5.0%	139	19	3.0%	627	3	2.3%	131
WIST7086	13	1.7%	751	2	20.0%	10		0.0%	69		0.0%	14		0.0%	65		0.0%	16
WIST7088	112	4.3%	2,601	4	6.2%	65	16	5.9%	272	4	4.7%	86	5	2.4%	208	1	1.8%	56
WIST7092	72	3.8%	1,906	4	10.8%	37	5	2.4%	206	3	6.4%	47	6	3.7%	162	1	2.6%	38
WIST7093	247	5.9%	4,155	17	18.5%	92	31	6.6%	471	11	11.2%	98	13	3.6%	361	6	6.9%	87
WIST7094	92	2.4%	3,914	3	3.6%	84	11	2.6%	430	3	3.4%	87	3	0.9%	349	2	3.5%	57
WIST7095	35	2.6%	1,340		0.0%	23	9	6.2%	145		0.0%	28	3	2.6%	116	1	4.3%	23
WIST7098	113	4.1%	2,763	3	6.4%	47	16	4.8%	335	7	9.5%	74	9	3.1%	287	2	3.4%	59
WIST7103	92	3.1%	3,010	1	2.2%	46	14	3.7%	376	1	1.8%	55	10	3.7%	268	2	4.2%	48
WIST7106	47	1.3%	3,582	1	2.0%	51	4	1.0%	388	1	1.3%	80	2	0.5%	430		0.0%	55
WIST7108	352	4.3%	8,219	11	6.4%	173	40	4.1%	982	7	3.3%	209	17	2.8%	606	3	1.9%	159
WIST7109	220	4.6%	4,776	11	10.1%	109	31	5.4%	569	5	3.7%	134	7	1.8%	382	4	4.3%	94
WIST7113	126	3.6%	3,531	1	1.4%	69	6	1.6%	381	5	5.8%	86	9	3.0%	299	2	3.0%	67
WIST7115	12	4.1%	293		0.0%	4	2	4.8%	42		0.0%	2		0.0%	25		0.0%	1
WIST7116	191	2.5%	7,570	3	2.2%	139	26	2.9%	887	4	2.5%	158	13	1.9%	672	1	0.6%	157
WIST7118	126	3.6%	3,532	4	6.1%	66	18	4.1%	442	1	1.2%	86	11	3.4%	323	2	2.9%	68
WIST7119	159	3.0%	5,224	3	3.2%	93	23	4.0%	574		0.0%	113	9	2.0%	457	6	4.8%	124
WIST7120	210	10.1%	2,069	11	12.5%	88	19	8.3%	230	8	11.6%	69	7	4.6%	152	2	2.5%	81
WIST7121	34	1.8%	1,905		0.0%	27	2	1.1%	181	2	6.7%	30	2	1.2%	163	1	2.9%	35
WIST7123	200	3.7%	5,360	8	7.0%	114	22	4.2%	528	3	2.5%	119	9	2.1%	431	2	1.6%	128
WIST7124	162	4.6%	3,498	9	14.3%	63	15	3.7%	402	7	7.5%	93	9	3.0%	303	7	7.5%	93
WIST7126	104	5.4%	1,937	6	11.3%	53	12	5.7%	209	1	2.4%	41	2	1.2%	162	5	10.9%	46
WIST7127	118	2.9%	4,073	3	2.9%	102	10	2.2%	447	1	1.0%	98	7	2.1%	328	1	1.1%	89
WIST7129	65	3.2%	2,053		0.0%	33	16	6.6%	242		0.0%	59	4	2.8%	145		0.0%	29
WIST7130	77	3.5%	2,170	7	11.1%	63	10	3.9%	257		0.0%	52	7	3.7%	187		0.0%	38
WIST7131	26	6.2%	417	1	6.3%	16		0.0%	40	1	11.1%	9		0.0%	26		0.0%	8

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Station ID	ALL INITIAL TESTS			2006			2007			2008			2009			2010		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7132	27	6.4%	424	2	10.5%	19	5	9.8%	51		0.0%	18	1	3.8%	26	1	10.0%	10
WIST7133	7	5.6%	124		0.0%	3		0.0%	11		0.0%	3	1	11.1%	9		0.0%	2
WIST7134	0	0.0%	47		#DIV/0!			0.0%	7		0.0%	2		0.0%	2		#DIV/0!	
WIST7136	4	8.2%	49	1	100.0%	1		0.0%	5		0.0%	4		0.0%	3		0.0%	1
WIST8001	39	2.8%	1,409	2	6.9%	29	7	5.0%	140	2	5.6%	36	1	0.9%	114		0.0%	31
WIST8002	158	2.7%	5,897	3	2.8%	107	28	4.5%	616	4	2.9%	136	8	1.4%	554	3	2.7%	111
WIST8003	2	66.7%	3		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST8004	1140	10.0%	11,417	41	8.7%	472	83	7.3%	1140	21	4.6%	461	41	5.6%	726	11	3.4%	323
WIST8005	428	7.1%	5,997	20	8.5%	235	59	9.2%	641	25	10.8%	231	19	4.3%	446	5	3.5%	144
WIST8006	727	5.3%	13,787	38	8.9%	428	76	5.2%	1468	18	4.1%	444	39	3.3%	1165	11	3.2%	348
WIST8007	274	4.2%	6,457	10	7.1%	140	23	3.3%	698	15	7.5%	199	20	3.2%	626	3	2.3%	133
WIST8008	298	8.7%	3,413	15	10.3%	146	23	6.4%	361	5	4.5%	112	11	4.8%	228	3	4.2%	72
WIST8009	124	4.0%	3,083	8	13.8%	58	11	3.3%	334	2	3.8%	53	11	4.7%	236	1	1.6%	62
WIST8011	281	4.4%	6,392	11	7.6%	145	32	4.5%	707	6	4.4%	137	17	3.2%	535	2	1.8%	113
WIST8016	23	5.9%	388		0.0%	10	1	2.3%	43	1	20.0%	5	2	7.7%	26		0.0%	2
WIST8017	8	6.9%	116		0.0%	5	1	8.3%	12	1	16.7%	6	1	14.3%	7	1	14.3%	7
WISTT001	39	3.2%	1,211		0.0%	23	1	0.6%	164	1	3.6%	28	3	2.7%	110		0.0%	22
WISTT003	390	8.7%	4,497	11	9.2%	119	38	7.3%	520	15	9.9%	152	11	3.2%	341	9	8.5%	106
WISTT005	125	4.0%	3,145	5	9.4%	53	16	4.8%	336		0.0%	66	14	5.4%	261	4	7.0%	57
WISTT007	39	3.5%	1,107		0.0%	20	5	4.0%	125	1	5.0%	20	5	5.7%	88		0.0%	16
WISTT008	79	3.2%	2,471		0.0%	30	9	3.5%	260	2	4.5%	44	8	3.8%	213	1	3.7%	27
WISTT009	50	2.9%	1,726		0.0%	30	10	5.7%	175	1	2.1%	48	4	2.4%	166	5	15.6%	32
Grand Total	29624	4.5%	657,655	1102	6.9%	15882	3284	4.5%	72384	819	4.7%	17590	1527	2.9%	53511	353	2.6%	13387

40 CFR PART 51.366 (a)(4)
INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2011			2012			2013			2014			2015		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST1003	41	3.4%	1,222	2	1.3%	154		0.0%	34	3	1.8%	167		0.0%	9		0.0%	150
WIST1012	28	3.3%	837	1	1.2%	85	1	5.6%	18	3	2.8%	107		0.0%	10		0.0%	104
WIST1016	14	7.0%	200	1	12.5%	8		0.0%	2		0.0%	25		0.0%	3	1	3.7%	27
WIST1018	24	4.7%	513	1	2.0%	51		0.0%	20		0.0%	59	1	14.3%	7		0.0%	50
WIST1019	33	3.7%	904		0.0%	97		0.0%	25	2	1.5%	136		0.0%	21		0.0%	165
WIST1020	2	1.1%	182		0.0%	14		0.0%	4		0.0%	24		0.0%	7		0.0%	24
WIST1021	11	5.4%	203		0.0%	20		0.0%	1		0.0%	23		0.0%	3		0.0%	38
WIST2015	68	2.5%	2,737	4	1.3%	303		0.0%	74	3	0.7%	411	1	1.6%	63	3	0.7%	407
WIST2017	43	2.5%	1,709	7	3.2%	218	1	2.2%	45		0.0%	302		0.0%	29	2	0.6%	342
WIST2018	256	3.6%	7,162	13	1.6%	806	5	2.8%	180	7	0.7%	988		0.0%	83	4	0.4%	973
WIST2019	29	3.1%	937		0.0%	82		0.0%	25		0.0%	114		0.0%	13	1	1.0%	101
WIST2021	140	4.3%	3,253	9	2.5%	353	4	5.3%	76	3	0.7%	419		0.0%	42	1	0.2%	425
WIST2024	112	4.0%	2,816	8	2.7%	298	1	1.1%	95	9	2.1%	428		0.0%	38		0.0%	354
WIST2025	98	3.4%	2,891	5	1.5%	335	4	4.8%	83	1	0.2%	466	1	2.1%	48	2	0.4%	464
WIST2026	287	2.6%	10,854	22	1.5%	1427	6	2.0%	300	14	0.8%	1767		0.0%	109	7	0.4%	1584
WIST2027	51	2.0%	2,553	4	1.3%	302		0.0%	54	6	1.3%	465		0.0%	49	5	0.8%	604
WIST2028	99	3.1%	3,181	7	2.0%	355	1	1.2%	81	2	0.5%	388		0.0%	37	2	0.4%	447
WIST2029	22	1.9%	1,157	3	2.1%	142		0.0%	22	3	1.4%	216		0.0%	18		0.0%	216
WIST2030	30	9.6%	313	1	4.8%	21		0.0%	7		0.0%	29	1	16.7%	6		0.0%	29
WIST2031	31	5.0%	620	1	2.4%	42		0.0%	11	1	1.2%	81	1	25.0%	4	1	1.2%	81
WIST2032	2	2.7%	74		0.0%	10		0.0%	2		0.0%	9		0.0%	2		0.0%	20
WIST2033	12	5.7%	210	1	6.7%	15		0.0%	3	2	9.5%	21		0.0%	5	1	6.3%	16
WIST2034	13	4.6%	284	1	3.3%	30		0.0%	6	3	6.3%	48		0.0%	6	1	2.1%	48
WIST2035	1	2.3%	43		0.0%	5		0.0%	2		0.0%	5		0.0%	2		0.0%	6
WIST3003	68	4.5%	1,503	1	0.6%	169		0.0%	33		0.0%	182		0.0%	17	2	1.0%	194
WIST3005	67	2.3%	2,963	2	0.5%	380	1	1.5%	65	2	0.4%	448	1	1.9%	52	4	0.8%	472
WIST3006	72	4.0%	1,820		0.0%	175		0.0%	30	1	0.5%	210		0.0%	18	2	0.8%	241
WIST3013	169	4.8%	3,540	10	2.5%	395	2	1.9%	108	7	1.4%	510	1	1.4%	71	3	0.8%	396
WIST3014	185	7.3%	2,549	3	1.4%	213	3	5.9%	51	5	2.0%	254	1	4.8%	21		0.0%	237
WIST3015	107	3.7%	2,918	4	1.2%	322		0.0%	79	7	1.9%	378		0.0%	32		0.0%	318
WIST3016	340	7.1%	4,777	12	2.7%	448	4	3.0%	135	8	1.7%	466		0.0%	49	4	1.0%	400
WIST3018	149	9.6%	1,560	8	6.0%	133	1	2.4%	42	1	0.7%	142		0.0%	12	4	3.2%	125
WIST3021	56	3.1%	1,783	5	2.5%	198		0.0%	52	1	0.4%	269		0.0%	39	1	0.5%	220
WIST3022	1	0.7%	147		0.0%	23		0.0%	7		0.0%	10		#DIV/0!			0.0%	3
WIST3023	58	3.7%	1,559	4	2.2%	186	1	1.4%	74	3	1.1%	262		0.0%	27	2	0.7%	305
WIST3024	180	5.2%	3,476	5	1.4%	345	4	3.9%	103	9	2.2%	407		0.0%	38		0.0%	395
WIST3025	18	8.6%	209		0.0%	12		0.0%	8	1	4.5%	22	1	50.0%	2		0.0%	29
WIST3028	2	1.4%	148		0.0%	7		0.0%	5		0.0%	27	1	20.0%	5		0.0%	41
WIST3029	32	6.7%	478	3	6.7%	45		0.0%	14	1	1.9%	52		0.0%	2	1	1.5%	67

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INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2011			2012			2013			2014			2015		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST3030	29	3.4%	847	2	2.1%	96		0.0%	28	1	0.8%	129		0.0%	12		0.0%	137
WIST3031	9	16.7%	54		0.0%	4		#DIV/0!			0.0%	2		0.0%	4		0.0%	6
WIST3032	0	0.0%	81		0.0%	11		0.0%	2		0.0%	17		0.0%	3		0.0%	14
WIST3033	4	10.5%	38		0.0%	2		#DIV/0!			0.0%	3		0.0%	3		0.0%	5
WIST4002	37	3.3%	1,117	5	3.3%	152		0.0%	23		0.0%	143		0.0%	10		0.0%	168
WIST4003	155	4.0%	3,910	10	2.3%	431	3	2.6%	114	5	0.9%	545	1	2.0%	49		0.0%	525
WIST4006	156	2.3%	6,920	14	1.6%	883	1	0.7%	148	5	0.5%	1025	1	1.3%	79	4	0.3%	1151
WIST4009	10	3.4%	293	1	3.4%	29		0.0%	8	1	2.7%	37		0.0%	5		0.0%	28
WIST4014	23	2.8%	834	2	2.3%	88		0.0%	26		0.0%	94		0.0%	3		0.0%	115
WIST4017	155	3.4%	4,496	13	2.4%	540		0.0%	109	7	0.9%	744		0.0%	50	5	0.7%	722
WIST4019	74	5.0%	1,491	1	0.8%	125	2	6.5%	31		0.0%	153	1	6.7%	15	1	0.7%	140
WIST4026	76	3.0%	2,494	7	2.2%	322	1	1.5%	65	3	0.6%	474		0.0%	36	4	0.9%	435
WIST4031	218	5.3%	4,111	9	2.7%	332	4	4.9%	82	4	0.9%	436	1	2.3%	44	3	0.7%	406
WIST4032	818	14.5%	5,649	23	5.9%	392	19	13.3%	143	15	3.4%	438	4	9.5%	42	10	2.9%	343
WIST4040	46	2.4%	1,895	2	0.9%	225	1	2.9%	35		0.0%	325	1	2.7%	37		0.0%	318
WIST4042	217	5.9%	3,706	4	1.2%	327	4	4.5%	89	2	0.5%	364	1	2.6%	38	1	0.3%	319
WIST4043	897	5.3%	16,827	45	3.1%	1467	11	2.5%	444	16	0.9%	1704	5	2.9%	174	9	0.6%	1501
WIST4044	545	7.8%	7,009	10	1.7%	596	5	2.7%	182	11	1.5%	734	2	3.4%	58	3	0.5%	622
WIST4045	117	3.8%	3,068	7	1.9%	368	1	1.3%	75	6	1.4%	440		0.0%	37	1	0.3%	380
WIST4048	183	4.6%	3,994	14	3.0%	469	2	1.6%	122	4	0.7%	558	1	2.5%	40	1	0.2%	519
WIST4049	30	3.3%	901	4	3.4%	117		0.0%	20		0.0%	123	1	16.7%	6		0.0%	104
WIST4050	62	1.8%	3,449	6	1.4%	441	1	1.5%	66	4	0.7%	535		0.0%	55	1	0.1%	675
WIST4051	99	3.7%	2,700	6	2.1%	285	2	2.9%	68	4	1.3%	303	1	4.5%	22	2	0.6%	353
WIST4053	19	8.4%	226		0.0%	17		0.0%	4		0.0%	19		0.0%	3	1	5.0%	20
WIST4054	94	3.1%	3,078	6	1.8%	339		0.0%	67	3	0.7%	427		0.0%	32	1	0.3%	377
WIST4055	36	2.8%	1,274	2	1.6%	126		0.0%	32	1	0.6%	177		0.0%	24	1	0.8%	133
WIST4057	119	3.6%	3,314	8	2.0%	405		0.0%	83	5	1.1%	457		0.0%	40	1	0.2%	424
WIST4058	50	3.8%	1,299	1	0.7%	136		0.0%	32	3	1.7%	178		0.0%	16	1	0.6%	169
WIST4059	6	5.2%	115		0.0%	12		0.0%	5	1	8.3%	12		0.0%	2		0.0%	14
WIST4060	0	0.0%	23		0.0%	4		0.0%	1		0.0%	4		0.0%	2		0.0%	2
WIST5003	156	6.9%	2,262	6	3.0%	198	2	2.9%	70	3	1.2%	242	3	6.4%	47	4	1.3%	309
WIST5004	74	2.3%	3,188	4	1.0%	413	1	1.7%	59	1	0.2%	505		0.0%	30		0.0%	545
WIST5005	71	4.3%	1,649	5	3.4%	146	1	5.0%	20	1	0.7%	153		0.0%	15	2	1.1%	180
WIST5008	254	3.6%	7,061	19	2.5%	760		0.0%	158	5	0.5%	927		0.0%	74	2	0.2%	910
WIST5009	43	2.4%	1,756	2	0.8%	259		0.0%	45	2	0.6%	345		0.0%	28		0.0%	351
WIST5011	52	1.9%	2,712	6	1.6%	377		0.0%	63	3	0.7%	455		0.0%	42	2	0.4%	548
WIST5012	36	3.0%	1,215	3	2.1%	142		0.0%	29	2	1.3%	157		0.0%	9		0.0%	171
WIST5014	75	2.8%	2,677	4	1.3%	315	1	2.0%	50	2	0.5%	424		0.0%	29		0.0%	431
WIST5015	195	8.2%	2,390	5	2.5%	199	3	6.4%	47	7	3.0%	236		0.0%	27	2	1.0%	197

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INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2011			2012			2013			2014			2015		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST5017	81	4.3%	1,882	3	1.6%	188	2	5.3%	38	4	1.7%	231		0.0%	24	1	0.4%	252
WIST5021	4	5.5%	73		0.0%	7		0.0%	2		0.0%	6		#DIV/0!			0.0%	8
WIST5023	11	2.2%	504		0.0%	54		0.0%	6		0.0%	43		0.0%	10		0.0%	62
WIST5029	248	3.6%	6,804	8	1.0%	770	3	1.7%	172	8	0.8%	983		0.0%	98	6	0.5%	1174
WIST5036	27	7.8%	344	1	4.3%	23	2	16.7%	12		0.0%	39		0.0%	5		0.0%	26
WIST5037	43	2.4%	1,774	2	1.0%	201		0.0%	41		0.0%	240		0.0%	16	2	0.7%	268
WIST5040	33	2.4%	1,380	2	1.4%	146		0.0%	25	3	1.7%	178		0.0%	17	1	0.6%	179
WIST5041	13	2.0%	647		0.0%	88		0.0%	10	3	3.1%	96		0.0%	9		0.0%	127
WIST5044	21	2.8%	761	4	3.7%	107		0.0%	20	2	1.6%	122		0.0%	17		0.0%	155
WIST5045	19	6.1%	311	1	2.9%	34	1	20.0%	5		0.0%	32		0.0%	3		0.0%	39
WIST5049	91	2.6%	3,541	6	1.4%	422	1	1.3%	77	1	0.2%	523		0.0%	39	2	0.4%	513
WIST5053	27	2.7%	983	1	1.0%	104		0.0%	16		0.0%	97		0.0%	6		0.0%	96
WIST5055	383	5.5%	6,935	17	2.5%	685	3	1.7%	178	12	1.4%	833	3	3.2%	94	8	1.1%	737
WIST5058	83	7.4%	1,115	4	3.6%	110		0.0%	24	3	2.4%	127		0.0%	16	3	2.9%	104
WIST5066	216	4.8%	4,485	17	3.8%	452	3	3.0%	100	6	1.2%	504	3	5.8%	52		0.0%	490
WIST5069	1121	9.0%	12,519	29	3.3%	871	10	3.0%	333	16	1.6%	974	4	3.5%	115	13	1.5%	851
WIST5071	605	5.6%	10,895	29	2.5%	1180	2	0.8%	243	25	1.7%	1485	2	1.4%	145	8	0.6%	1333
WIST5074	321	5.4%	5,930	11	1.7%	637	6	3.9%	152	17	2.1%	794		0.0%	91	6	0.9%	650
WIST5075	55	8.7%	629	1	2.0%	51		0.0%	25		0.0%	52		0.0%	7		0.0%	49
WIST5076	255	4.5%	5,658	10	1.8%	556	2	1.4%	145	4	0.6%	691		0.0%	74	2	0.3%	597
WIST5077	105	2.7%	3,823	7	1.4%	490	1	1.2%	85	8	1.5%	537		0.0%	53	1	0.2%	571
WIST5078	5	2.9%	171		0.0%	13		0.0%	7		0.0%	23		0.0%	5		0.0%	8
WIST5079	14	2.4%	595	1	1.6%	63		0.0%	23		0.0%	83		0.0%	22	3	2.5%	118
WIST5080	0	0.0%	48		0.0%	5		0.0%	2		0.0%	4		0.0%	3		0.0%	15
WIST5081	66	3.3%	1,978	5	2.5%	197	1	1.1%	93	3	1.2%	254		0.0%	57	3	1.0%	312
WIST6001	661	7.4%	8,913	22	2.9%	759	4	2.2%	185	15	1.8%	851	1	1.1%	88	11	1.4%	812
WIST6004	153	2.7%	5,585	12	1.8%	680	2	1.7%	118	7	0.8%	847		0.0%	48		0.0%	897
WIST6007	19	2.3%	837		0.0%	85		0.0%	12	1	1.0%	99		0.0%	5		0.0%	100
WIST6013	54	2.1%	2,576	7	2.1%	327	2	3.2%	62	3	0.7%	411		0.0%	34		0.0%	408
WIST6014	10	2.4%	415		0.0%	36		0.0%	12	1	2.0%	49		0.0%	8		0.0%	54
WIST6016	32	4.0%	805	1	1.0%	96		0.0%	14		0.0%	103		0.0%	6		0.0%	113
WIST6018	380	6.2%	6,114	13	2.4%	540	6	4.2%	142	9	1.4%	634		0.0%	64	2	0.3%	623
WIST6021	27	1.8%	1,503		0.0%	191		0.0%	30		0.0%	236		0.0%	23		0.0%	236
WIST6022	69	3.1%	2,229	5	1.9%	258		0.0%	44	2	0.5%	395	1	3.3%	30	2	0.5%	376
WIST6026	32	2.9%	1,118	1	0.8%	123	1	3.2%	31	2	1.0%	208		0.0%	14		0.0%	176
WIST6030	52	2.3%	2,290	8	2.5%	317	1	1.9%	53	7	1.7%	403		0.0%	27	1	0.3%	350
WIST6031	66	4.2%	1,575	4	2.0%	197	1	2.2%	45	4	1.9%	215		0.0%	19	2	0.9%	233
WIST6033	55	2.9%	1,872	3	1.2%	241	2	4.2%	48	2	0.6%	323		0.0%	24		0.0%	312
WIST6034	44	2.5%	1,772	1	0.5%	196		0.0%	52	1	0.3%	322	1	4.2%	24	1	0.3%	293

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INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2011			2012			2013			2014			2015		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST6035	144	6.8%	2,129	4	2.2%	182		0.0%	52	7	2.5%	278	1	3.7%	27		0.0%	246
WIST6037	518	7.3%	7,142	18	2.9%	629	4	2.1%	192	9	1.3%	678	3	5.1%	59	6	1.0%	583
WIST6039	73	3.6%	2,054	4	1.6%	256	1	1.4%	73	4	1.1%	377	1	3.2%	31	3	0.8%	372
WIST6040	154	5.6%	2,742	9	3.9%	233	3	4.2%	72	10	3.7%	271		0.0%	32		0.0%	211
WIST6041	219	2.7%	8,127	15	1.5%	1004	3	1.5%	204	11	0.8%	1389		0.0%	118	2	0.2%	1268
WIST6042	13	3.9%	332		0.0%	29		0.0%	2		0.0%	46		0.0%	8	1	2.9%	35
WIST6043	21	6.6%	318		0.0%	22		0.0%	5	1	3.7%	27		0.0%	1		0.0%	11
WIST7004	226	5.1%	4,434	7	1.5%	454	5	4.7%	106	8	1.6%	506	1	2.1%	48		0.0%	490
WIST7006	15	1.8%	822		0.0%	84		0.0%	25	2	1.5%	131		0.0%	24		0.0%	156
WIST7009	84	3.0%	2,844	4	1.3%	315	1	1.2%	85	3	0.8%	387		0.0%	41	1	0.3%	339
WIST7011	228	4.1%	5,543	4	0.7%	568	1	0.8%	123	10	1.3%	745	1	1.3%	76	1	0.1%	689
WIST7014	263	3.8%	6,932	17	2.1%	797	4	2.4%	167	12	1.3%	943	1	1.0%	96	2	0.2%	967
WIST7016	189	2.3%	8,062	13	1.3%	1024	2	1.2%	168	11	0.8%	1315		0.0%	129	2	0.2%	1333
WIST7018	10	1.9%	514	1	1.8%	56		0.0%	15	3	3.3%	92		0.0%	9		0.0%	92
WIST7020	37	3.9%	946	3	2.9%	102		0.0%	14	1	0.7%	149		0.0%	8		0.0%	118
WIST7021	20	5.4%	367		0.0%	20		0.0%	3		0.0%	49		0.0%	3		0.0%	47
WIST7022	55	2.1%	2,599	3	0.9%	331	1	2.1%	47		0.0%	384		0.0%	32	1	0.2%	410
WIST7023	124	4.7%	2,652	1	0.4%	231	1	1.9%	52	2	0.7%	279	4	13.8%	29	1	0.4%	228
WIST7025	4	2.5%	158	1	4.5%	22		0.0%	4		0.0%	27		0.0%	3		0.0%	23
WIST7030	546	5.5%	9,966	29	2.9%	1011	10	3.5%	283	13	1.0%	1275	2	1.9%	105	4	0.3%	1188
WIST7031	20	2.3%	873	1	0.8%	121	1	7.1%	14	1	0.6%	154		0.0%	9		0.0%	140
WIST7033	404	7.1%	5,677	8	1.7%	469	4	3.1%	130	9	1.5%	593	1	2.0%	51	5	0.9%	544
WIST7036	365	6.6%	5,505	11	2.2%	509	2	1.9%	107	8	1.4%	578	1	2.2%	45	4	0.7%	546
WIST7039	40	2.4%	1,694		0.0%	193		0.0%	40	4	1.7%	242		0.0%	17	1	0.4%	247
WIST7040	89	2.8%	3,204	7	1.8%	397		0.0%	76	2	0.4%	467		0.0%	43	1	0.2%	453
WIST7041	132	3.1%	4,221	10	2.2%	461	2	2.0%	98	6	1.1%	567	1	1.6%	61	1	0.2%	650
WIST7042	238	3.1%	7,726	8	0.9%	881	4	2.4%	168	7	0.7%	1064		0.0%	86	5	0.5%	1075
WIST7044	125	2.7%	4,642	10	1.8%	551	2	2.1%	97	3	0.4%	686		0.0%	49		0.0%	654
WIST7045	210	3.4%	6,137	16	2.1%	762	3	2.3%	129	9	1.0%	898	1	1.6%	63	4	0.4%	935
WIST7046	170	7.2%	2,349	7	4.1%	170		0.0%	47	1	0.5%	188	1	5.3%	19	1	0.7%	150
WIST7049	47	2.0%	2,388	2	0.7%	285	1	1.9%	53	1	0.3%	350		0.0%	26		0.0%	409
WIST7052	271	3.3%	8,228	17	1.7%	1001	1	0.5%	215	15	1.2%	1274	1	0.8%	127	6	0.5%	1312
WIST7053	86	3.7%	2,326	5	2.2%	224		0.0%	54	3	1.1%	274	1	3.7%	27		0.0%	308
WIST7054	35	2.9%	1,202	3	2.3%	133		0.0%	15	1	0.7%	142		0.0%	10		0.0%	156
WIST7055	189	3.6%	5,289	6	1.1%	522		0.0%	96	4	0.7%	602		0.0%	43	5	0.8%	630
WIST7056	160	3.4%	4,705	7	1.5%	482		0.0%	142	4	0.7%	556	1	1.9%	54		0.0%	564
WIST7061	51	3.9%	1,311	1	0.7%	135		0.0%	37	1	0.6%	166		0.0%	15	1	0.6%	181
WIST7064	36	1.7%	2,141	3	1.1%	279		0.0%	45	2	0.5%	377		0.0%	30		0.0%	482
WIST7065	326	5.8%	5,610	19	3.5%	549	1	0.8%	125	9	1.7%	517		0.0%	53	1	0.2%	561

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INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2011			2012			2013			2014			2015		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7067	33	2.3%	1,449	2	1.2%	171	1	3.4%	29		0.0%	198		0.0%	25		0.0%	239
WIST7068	102	3.0%	3,404	10	2.3%	427	1	1.3%	78	6	1.1%	533		0.0%	50	1	0.2%	429
WIST7069	257	3.9%	6,655	15	1.8%	821	5	2.7%	188	5	0.5%	1002		0.0%	102	4	0.4%	915
WIST7070	44	1.9%	2,314		0.0%	285		0.0%	47	4	1.1%	352		0.0%	21		0.0%	352
WIST7071	137	3.4%	3,974	11	2.5%	436		0.0%	68	5	0.9%	548	1	2.0%	49		0.0%	464
WIST7072	122	3.3%	3,707	3	0.7%	421	4	4.6%	87	5	0.9%	534		0.0%	40	1	0.2%	530
WIST7073	183	4.5%	4,032	8	1.9%	426	5	4.5%	111	9	2.0%	456		0.0%	62	2	0.4%	529
WIST7074	1084	7.6%	14,181	27	2.8%	955	9	2.5%	367	17	1.8%	962		0.0%	101	2	0.3%	687
WIST7075	42	1.7%	2,401	2	0.8%	261		0.0%	46	3	0.9%	333		0.0%	16	2	0.6%	343
WIST7076	201	3.0%	6,722	11	1.4%	781	1	0.6%	159	10	0.9%	1053		0.0%	71	2	0.2%	1050
WIST7078	65	2.3%	2,860	6	1.7%	343		0.0%	79	3	0.6%	473		0.0%	42	1	0.2%	436
WIST7080	17	3.1%	553	1	1.6%	61		0.0%	19		0.0%	80		0.0%	6		0.0%	80
WIST7081	228	5.3%	4,342	10	2.4%	415	2	1.9%	104	7	1.5%	481		0.0%	58		0.0%	439
WIST7083	213	2.8%	7,544	7	0.8%	892	1	0.7%	150	5	0.4%	1136	1	1.7%	58	2	0.2%	1181
WIST7086	13	1.7%	751	1	1.1%	94		0.0%	23	1	0.8%	120		0.0%	11		0.0%	146
WIST7088	112	4.3%	2,601	4	1.5%	272		0.0%	70	4	1.1%	365	1	4.0%	25	1	0.3%	342
WIST7092	72	3.8%	1,906	2	0.8%	238	2	4.9%	41	1	0.3%	309		0.0%	17	1	0.4%	274
WIST7093	247	5.9%	4,155	13	2.8%	461	8	8.5%	94	7	1.2%	594	3	5.5%	55	2	0.3%	585
WIST7094	92	2.4%	3,914	4	0.8%	493	2	2.3%	86	4	0.7%	611		0.0%	38	3	0.5%	630
WIST7095	35	2.6%	1,340	1	0.7%	141		0.0%	29		0.0%	184		0.0%	11		0.0%	208
WIST7098	113	4.1%	2,763	4	1.4%	283		0.0%	69	4	1.0%	410		0.0%	23	1	0.2%	405
WIST7103	92	3.1%	3,010	4	1.3%	316		0.0%	69	5	1.3%	386		0.0%	23	1	0.2%	435
WIST7106	47	1.3%	3,582	3	0.6%	500	1	1.3%	79		0.0%	581		0.0%	41	1	0.2%	532
WIST7108	352	4.3%	8,219	9	1.1%	843	1	0.5%	184	7	0.7%	1009		0.0%	70	5	0.5%	960
WIST7109	220	4.6%	4,776	9	1.7%	517	2	1.6%	124	9	1.4%	639		0.0%	47	2	0.4%	531
WIST7113	126	3.6%	3,531	6	1.4%	417		0.0%	89	6	1.2%	497		0.0%	52	2	0.4%	495
WIST7115	12	4.1%	293	1	2.4%	42	1	12.5%	8		0.0%	31		0.0%	7	1	3.6%	28
WIST7116	191	2.5%	7,570	10	1.0%	970	1	0.5%	192	7	0.6%	1109	1	0.9%	115	3	0.3%	1172
WIST7118	126	3.6%	3,532	3	0.7%	406		0.0%	79	2	0.4%	461		0.0%	36		0.0%	407
WIST7119	159	3.0%	5,224	10	1.4%	700	1	0.8%	121	15	1.9%	785		0.0%	89	2	0.3%	728
WIST7120	210	10.1%	2,069	2	1.4%	146		0.0%	55	4	2.0%	204	1	8.3%	12		0.0%	141
WIST7121	34	1.8%	1,905	2	0.8%	247	2	3.9%	51	5	1.6%	321		0.0%	35		0.0%	398
WIST7123	200	3.7%	5,360	14	2.2%	647	2	1.3%	150	14	1.7%	846		0.0%	72	3	0.4%	813
WIST7124	162	4.6%	3,498	9	1.9%	473	4	4.1%	98	6	1.1%	539	2	4.9%	41	1	0.2%	557
WIST7126	104	5.4%	1,937	3	1.6%	193	1	2.2%	45	5	1.8%	272		0.0%	23	2	0.8%	264
WIST7127	118	2.9%	4,073	9	1.9%	478	3	2.2%	135	3	0.5%	659		0.0%	55	1	0.2%	596
WIST7129	65	3.2%	2,053		0.0%	220	2	4.1%	49	2	0.8%	255		0.0%	28	1	0.4%	262
WIST7130	77	3.5%	2,170	5	2.7%	187	1	1.6%	61	3	0.9%	341		0.0%	33	4	1.2%	341
WIST7131	26	6.2%	417	1	2.6%	38		0.0%	7		0.0%	25		0.0%	8		0.0%	56

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Station ID	ALL INITIAL TESTS			2011			2012			2013			2014			2015		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7132	27	6.4%	424		0.0%	36		0.0%	10		0.0%	47		0.0%	7		0.0%	44
WIST7133	7	5.6%	124		0.0%	4		0.0%	2		0.0%	20		0.0%	3		0.0%	14
WIST7134	0	0.0%	47		0.0%	2		0.0%	1		0.0%	2		0.0%	3		0.0%	6
WIST7136	4	8.2%	49		0.0%	7		0.0%	1		0.0%	3		0.0%	4		0.0%	6
WIST8001	39	2.8%	1,409	4	2.0%	196		0.0%	52	1	0.5%	207		0.0%	21		0.0%	244
WIST8002	158	2.7%	5,897	13	1.7%	763	1	0.6%	155	5	0.5%	949	2	2.6%	77	3	0.3%	959
WIST8003	2	66.7%	3		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST8004	1140	10.0%	11,417	34	4.2%	806	13	4.4%	298	17	2.4%	704		0.0%	95	5	1.0%	512
WIST8005	428	7.1%	5,997	13	2.2%	603	6	3.6%	169	14	2.1%	667	2	2.6%	78	4	0.7%	606
WIST8006	727	5.3%	13,787	36	2.3%	1553	10	2.6%	391	25	1.3%	1900	2	1.2%	169	9	0.5%	1739
WIST8007	274	4.2%	6,457	12	1.7%	720	2	1.1%	178	8	1.0%	822		0.0%	75	3	0.4%	763
WIST8008	298	8.7%	3,413	3	1.1%	264		0.0%	82	4	1.4%	289		0.0%	28		0.0%	282
WIST8009	124	4.0%	3,083	5	1.4%	370	1	1.3%	75	8	1.6%	507		0.0%	36	1	0.2%	457
WIST8011	281	4.4%	6,392	15	2.1%	726	2	1.4%	145	10	1.2%	863		0.0%	59	1	0.1%	884
WIST8016	23	5.9%	388	2	5.6%	36		0.0%	9	1	1.8%	57		0.0%	6	2	3.1%	65
WIST8017	8	6.9%	116		0.0%	7		0.0%	6		0.0%	11		0.0%	6		0.0%	19
WISTT001	39	3.2%	1,211	4	3.2%	126		0.0%	29	1	0.5%	191	1	3.7%	27	1	0.6%	172
WISTT003	390	8.7%	4,497	16	4.0%	396	5	4.5%	112	8	1.6%	505		0.0%	41	6	1.6%	383
WISTT005	125	4.0%	3,145	8	2.1%	373	2	3.6%	56	2	0.4%	470	1	2.6%	39	3	0.6%	544
WISTT007	39	3.5%	1,107	1	0.9%	108		0.0%	18	1	0.6%	158	1	7.1%	14	1	0.6%	169
WISTT008	79	3.2%	2,471	7	2.4%	291	1	1.8%	56	3	0.8%	377		0.0%	18		0.0%	449
WISTT009	50	2.9%	1,726	1	0.5%	198	1	2.8%	36		0.0%	261		0.0%	19	1	0.4%	260
Grand Total	29624	4.5%	657,655	1330	1.9%	70370	324	2.0%	16104	902	1.0%	86175	89	1.1%	7833	347	0.4%	83962

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Station ID	ALL INITIAL TESTS			2016			2017			2018			2019		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST1003	41	3.4%	1,222		0.0%	12		#DIV/0!			0.0%	1		#DIV/0!	
WIST1012	28	3.3%	837		0.0%	7		0.0%	1		#DIV/0!			#DIV/0!	
WIST1016	14	7.0%	200	1	100.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST1018	24	4.7%	513		0.0%	3		#DIV/0!			#DIV/0!			#DIV/0!	
WIST1019	33	3.7%	904		0.0%	12		#DIV/0!			0.0%	1		#DIV/0!	
WIST1020	2	1.1%	182		0.0%	3		0.0%	1		#DIV/0!			#DIV/0!	
WIST1021	11	5.4%	203		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST2015	68	2.5%	2,737	1	3.6%	28		0.0%	5		0.0%	2		#DIV/0!	
WIST2017	43	2.5%	1,709		0.0%	19		0.0%	3		0.0%	1		#DIV/0!	
WIST2018	256	3.6%	7,162		0.0%	37		0.0%	13		0.0%	3		#DIV/0!	
WIST2019	29	3.1%	937		0.0%	4		#DIV/0!			#DIV/0!			#DIV/0!	
WIST2021	140	4.3%	3,253		0.0%	24		0.0%	3		#DIV/0!			#DIV/0!	
WIST2024	112	4.0%	2,816		0.0%	27		0.0%	6		0.0%	3		#DIV/0!	
WIST2025	98	3.4%	2,891		0.0%	13		0.0%	2		#DIV/0!			#DIV/0!	
WIST2026	287	2.6%	10,854		0.0%	64		0.0%	9		0.0%	2		#DIV/0!	
WIST2027	51	2.0%	2,553		0.0%	28		0.0%	3		0.0%	1	0.0%		1
WIST2028	99	3.1%	3,181		0.0%	23		0.0%	4		0.0%	3		#DIV/0!	
WIST2029	22	1.9%	1,157		0.0%	15		0.0%	3		#DIV/0!			#DIV/0!	
WIST2030	30	9.6%	313		0.0%	3		#DIV/0!			#DIV/0!			#DIV/0!	
WIST2031	31	5.0%	620		0.0%	7		0.0%	1		#DIV/0!			#DIV/0!	
WIST2032	2	2.7%	74		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST2033	12	5.7%	210		0.0%	4		0.0%	2		#DIV/0!			#DIV/0!	
WIST2034	13	4.6%	284		0.0%	10		#DIV/0!			#DIV/0!			#DIV/0!	
WIST2035	1	2.3%	43		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST3003	68	4.5%	1,503		0.0%	4		0.0%	1		0.0%	2		#DIV/0!	
WIST3005	67	2.3%	2,963		0.0%	24		0.0%	5		0.0%	2	0.0%		2
WIST3006	72	4.0%	1,820		0.0%	9		0.0%	2		#DIV/0!		0.0%		1
WIST3013	169	4.8%	3,540		0.0%	28		0.0%	19		0.0%	6		#DIV/0!	
WIST3014	185	7.3%	2,549		0.0%	7		0.0%	4		#DIV/0!			#DIV/0!	
WIST3015	107	3.7%	2,918		0.0%	9		0.0%	3		0.0%	1		#DIV/0!	
WIST3016	340	7.1%	4,777		0.0%	40		0.0%	7		#DIV/0!			#DIV/0!	
WIST3018	149	9.6%	1,560		0.0%	5		0.0%	1		#DIV/0!			#DIV/0!	
WIST3021	56	3.1%	1,783		0.0%	14		0.0%	7		#DIV/0!			#DIV/0!	
WIST3022	1	0.7%	147		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST3023	58	3.7%	1,559		0.0%	17		0.0%	5		0.0%	3		#DIV/0!	
WIST3024	180	5.2%	3,476		0.0%	14		0.0%	4		#DIV/0!			#DIV/0!	
WIST3025	18	8.6%	209		0.0%	1		0.0%	1		#DIV/0!			#DIV/0!	
WIST3028	2	1.4%	148		#DIV/0!			0.0%	2		#DIV/0!			#DIV/0!	
WIST3029	32	6.7%	478		0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!	

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Station ID	ALL INITIAL TESTS			2016			2017			2018			2019		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST3030	29	3.4%	847		0.0%	7		0.0%	1		#DIV/0!			#DIV/0!	
WIST3031	9	16.7%	54		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST3032	0	0.0%	81		0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!	
WIST3033	4	10.5%	38		0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!	
WIST4002	37	3.3%	1,117		0.0%	12		#DIV/0!			#DIV/0!			#DIV/0!	
WIST4003	155	4.0%	3,910		0.0%	40		0.0%	2		#DIV/0!			#DIV/0!	
WIST4006	156	2.3%	6,920		0.0%	82		0.0%	4		#DIV/0!			#DIV/0!	
WIST4009	10	3.4%	293		0.0%	2		0.0%	1		#DIV/0!			#DIV/0!	
WIST4014	23	2.8%	834		0.0%	5		#DIV/0!			#DIV/0!			#DIV/0!	
WIST4017	155	3.4%	4,496		0.0%	20		0.0%	3		0.0%	3		#DIV/0!	
WIST4019	74	5.0%	1,491		0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!	
WIST4026	76	3.0%	2,494		0.0%	29		0.0%	6		0.0%	1		#DIV/0!	
WIST4031	218	5.3%	4,111		0.0%	24		0.0%	5		0.0%	1		#DIV/0!	
WIST4032	818	14.5%	5,649	1	5.9%	17	1	14.3%	7		0.0%	2		#DIV/0!	
WIST4040	46	2.4%	1,895		0.0%	15		0.0%	3		#DIV/0!			#DIV/0!	
WIST4042	217	5.9%	3,706	1	5.6%	18		0.0%	1		#DIV/0!			#DIV/0!	
WIST4043	897	5.3%	16,827	1	1.3%	79	1	4.3%	23		0.0%	6		#DIV/0!	
WIST4044	545	7.8%	7,009		0.0%	34		0.0%	8		0.0%	3		#DIV/0!	
WIST4045	117	3.8%	3,068		0.0%	21		0.0%	2		#DIV/0!			#DIV/0!	
WIST4048	183	4.6%	3,994		0.0%	23		0.0%	4		0.0%	2		#DIV/0!	
WIST4049	30	3.3%	901		0.0%	5		#DIV/0!			#DIV/0!			#DIV/0!	
WIST4050	62	1.8%	3,449	1	2.1%	47		0.0%	3		0.0%	2		#DIV/0!	
WIST4051	99	3.7%	2,700		0.0%	10		0.0%	2		0.0%	2		#DIV/0!	
WIST4053	19	8.4%	226		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST4054	94	3.1%	3,078		0.0%	19		0.0%	1		0.0%	3		#DIV/0!	
WIST4055	36	2.8%	1,274		0.0%	9		0.0%	1		#DIV/0!			#DIV/0!	
WIST4057	119	3.6%	3,314		0.0%	17		#DIV/0!			#DIV/0!			#DIV/0!	
WIST4058	50	3.8%	1,299		0.0%	12		0.0%	1		0.0%	1		#DIV/0!	
WIST4059	6	5.2%	115		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST4060	0	0.0%	23		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5003	156	6.9%	2,262		0.0%	18		0.0%	7	1	33.3%	3		#DIV/0!	
WIST5004	74	2.3%	3,188		0.0%	14		0.0%	5		0.0%	1		#DIV/0!	
WIST5005	71	4.3%	1,649		0.0%	2		0.0%	1		#DIV/0!			#DIV/0!	
WIST5008	254	3.6%	7,061		0.0%	33		0.0%	1		#DIV/0!			#DIV/0!	
WIST5009	43	2.4%	1,756		0.0%	16		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5011	52	1.9%	2,712		0.0%	26		0.0%	1		#DIV/0!			#DIV/0!	
WIST5012	36	3.0%	1,215		0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5014	75	2.8%	2,677		0.0%	6		0.0%	2		#DIV/0!			#DIV/0!	
WIST5015	195	8.2%	2,390		0.0%	23		0.0%	2		0.0%	1		#DIV/0!	

40 CFR PART 51.366 (a)(4)
INITIAL TEST FAILURE BY MY AND STATION

Station ID	ALL INITIAL TESTS			2016			2017			2018			2019		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST5017	81	4.3%	1,882		0.0%	11		0.0%	3		0.0%	3		#DIV/0!	
WIST5021	4	5.5%	73		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST5023	11	2.2%	504		0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5029	248	3.6%	6,804		0.0%	63		0.0%	17		0.0%	1		#DIV/0!	
WIST5036	27	7.8%	344		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST5037	43	2.4%	1,774		0.0%	16		0.0%	3		#DIV/0!			#DIV/0!	
WIST5040	33	2.4%	1,380		0.0%	11		0.0%	1		#DIV/0!			#DIV/0!	
WIST5041	13	2.0%	647		0.0%	2		#DIV/0!			0.0%	1		#DIV/0!	
WIST5044	21	2.8%	761		0.0%	8		0.0%	6		0.0%	2		#DIV/0!	
WIST5045	19	6.1%	311		0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5049	91	2.6%	3,541	1	5.0%	20		0.0%	4		0.0%	1		#DIV/0!	
WIST5053	27	2.7%	983		0.0%	6		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5055	383	5.5%	6,935	1	2.3%	43		0.0%	13		0.0%	2		#DIV/0!	
WIST5058	83	7.4%	1,115	1	20.0%	5		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5066	216	4.8%	4,485		0.0%	10	1	20.0%	5		0.0%	3		#DIV/0!	
WIST5069	1121	9.0%	12,519		0.0%	41	1	5.0%	20		0.0%	10		#DIV/0!	
WIST5071	605	5.6%	10,895		0.0%	69		0.0%	11		0.0%	3		#DIV/0!	
WIST5074	321	5.4%	5,930		0.0%	30		0.0%	3		0.0%	1		#DIV/0!	
WIST5075	55	8.7%	629		0.0%	3		0.0%	2		#DIV/0!			#DIV/0!	
WIST5076	255	4.5%	5,658		0.0%	38		0.0%	4		0.0%	1		#DIV/0!	
WIST5077	105	2.7%	3,823		0.0%	29		0.0%	7		#DIV/0!			#DIV/0!	
WIST5078	5	2.9%	171		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5079	14	2.4%	595		0.0%	19		0.0%	4		#DIV/0!			0.0%	1
WIST5080	0	0.0%	48		0.0%	4		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5081	66	3.3%	1,978	1	1.7%	58		0.0%	2		#DIV/0!			#DIV/0!	
WIST6001	661	7.4%	8,913		0.0%	36		0.0%	4		0.0%	1		#DIV/0!	
WIST6004	153	2.7%	5,585		0.0%	29		0.0%	1		#DIV/0!			#DIV/0!	
WIST6007	19	2.3%	837		0.0%	5		#DIV/0!			#DIV/0!			#DIV/0!	
WIST6013	54	2.1%	2,576		0.0%	17		0.0%	2		0.0%	1		0.0%	1
WIST6014	10	2.4%	415		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST6016	32	4.0%	805		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST6018	380	6.2%	6,114		0.0%	30		0.0%	1		0.0%	1		#DIV/0!	
WIST6021	27	1.8%	1,503		0.0%	12		0.0%	1		0.0%	1		#DIV/0!	
WIST6022	69	3.1%	2,229	1	4.8%	21		0.0%	5		0.0%	2		#DIV/0!	
WIST6026	32	2.9%	1,118		0.0%	5		0.0%	2		#DIV/0!			#DIV/0!	
WIST6030	52	2.3%	2,290		0.0%	16		0.0%	5		#DIV/0!			#DIV/0!	
WIST6031	66	4.2%	1,575		0.0%	4		0.0%	1		#DIV/0!			#DIV/0!	
WIST6033	55	2.9%	1,872		0.0%	20		0.0%	1		#DIV/0!			#DIV/0!	
WIST6034	44	2.5%	1,772		0.0%	15		0.0%	1		#DIV/0!			#DIV/0!	

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Station ID	ALL INITIAL TESTS			2016			2017			2018			2019		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST6035	144	6.8%	2,129	1	8.3%	12		0.0%	4		0.0%	1		#DIV/0!	
WIST6037	518	7.3%	7,142		0.0%	28		0.0%	6		0.0%	1		#DIV/0!	
WIST6039	73	3.6%	2,054		0.0%	19		0.0%	4		#DIV/0!			#DIV/0!	
WIST6040	154	5.6%	2,742		0.0%	5		0.0%	1		#DIV/0!			#DIV/0!	
WIST6041	219	2.7%	8,127		0.0%	63		0.0%	11		0.0%	2		#DIV/0!	
WIST6042	13	3.9%	332		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST6043	21	6.6%	318		0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7004	226	5.1%	4,434		0.0%	21		#DIV/0!			0.0%	1		#DIV/0!	
WIST7006	15	1.8%	822		0.0%	14		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7009	84	3.0%	2,844		0.0%	21		0.0%	3		0.0%	1		0.0%	1
WIST7011	228	4.1%	5,543		0.0%	21		0.0%	2		#DIV/0!			#DIV/0!	
WIST7014	263	3.8%	6,932		0.0%	45	1	12.5%	8	2	100.0%	2		#DIV/0!	
WIST7016	189	2.3%	8,062		0.0%	54		0.0%	7		#DIV/0!			#DIV/0!	
WIST7018	10	1.9%	514		0.0%	9	1	16.7%	6		#DIV/0!			#DIV/0!	
WIST7020	37	3.9%	946		0.0%	3		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7021	20	5.4%	367		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST7022	55	2.1%	2,599		0.0%	15		0.0%	7		#DIV/0!			#DIV/0!	
WIST7023	124	4.7%	2,652		0.0%	7		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7025	4	2.5%	158		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST7030	546	5.5%	9,966	1	1.7%	60		0.0%	6		#DIV/0!			#DIV/0!	
WIST7031	20	2.3%	873		0.0%	9		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7033	404	7.1%	5,677		0.0%	14		0.0%	4		#DIV/0!			#DIV/0!	
WIST7036	365	6.6%	5,505	1	3.7%	27		0.0%	4		0.0%	2		#DIV/0!	
WIST7039	40	2.4%	1,694		0.0%	13		0.0%	1		#DIV/0!			#DIV/0!	
WIST7040	89	2.8%	3,204		0.0%	22		0.0%	3		0.0%	1		#DIV/0!	
WIST7041	132	3.1%	4,221		0.0%	18		0.0%	8		0.0%	1		#DIV/0!	
WIST7042	238	3.1%	7,726		0.0%	37		0.0%	2		#DIV/0!			#DIV/0!	
WIST7044	125	2.7%	4,642		0.0%	35		0.0%	3		#DIV/0!			#DIV/0!	
WIST7045	210	3.4%	6,137		0.0%	40		0.0%	6		#DIV/0!			#DIV/0!	
WIST7046	170	7.2%	2,349		#DIV/0!			0.0%	1		#DIV/0!			#DIV/0!	
WIST7049	47	2.0%	2,388		0.0%	19		0.0%	4		0.0%	2		#DIV/0!	
WIST7052	271	3.3%	8,228		0.0%	70		0.0%	5		#DIV/0!			#DIV/0!	
WIST7053	86	3.7%	2,326		0.0%	12	1	50.0%	2		#DIV/0!			#DIV/0!	
WIST7054	35	2.9%	1,202		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7055	189	3.6%	5,289		0.0%	16		0.0%	4		#DIV/0!			#DIV/0!	
WIST7056	160	3.4%	4,705		0.0%	20		0.0%	3		0.0%	3		#DIV/0!	
WIST7061	51	3.9%	1,311		0.0%	12		0.0%	2		#DIV/0!			#DIV/0!	
WIST7064	36	1.7%	2,141		0.0%	8		#DIV/0!			0.0%	1		#DIV/0!	
WIST7065	326	5.8%	5,610		0.0%	27		0.0%	7		#DIV/0!			#DIV/0!	

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Station ID	ALL INITIAL TESTS			2016			2017			2018			2019		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7067	33	2.3%	1,449		0.0%	12		0.0%	2		0.0%	1		#DIV/0!	
WIST7068	102	3.0%	3,404		0.0%	23		0.0%	4		#DIV/0!			#DIV/0!	
WIST7069	257	3.9%	6,655		0.0%	60		0.0%	8		#DIV/0!			#DIV/0!	
WIST7070	44	1.9%	2,314		0.0%	20		0.0%	4		#DIV/0!			#DIV/0!	
WIST7071	137	3.4%	3,974		0.0%	24		0.0%	9		0.0%	2		#DIV/0!	
WIST7072	122	3.3%	3,707	1	5.6%	18		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7073	183	4.5%	4,032		0.0%	22		0.0%	3		#DIV/0!			#DIV/0!	
WIST7074	1084	7.6%	14,181		0.0%	36		0.0%	13		0.0%	3		#DIV/0!	
WIST7075	42	1.7%	2,401		0.0%	21		0.0%	3		#DIV/0!			#DIV/0!	
WIST7076	201	3.0%	6,722		0.0%	42		0.0%	3		#DIV/0!			#DIV/0!	
WIST7078	65	2.3%	2,860		0.0%	25		0.0%	6		0.0%	1		#DIV/0!	
WIST7080	17	3.1%	553		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7081	228	5.3%	4,342		0.0%	17		0.0%	5		0.0%	1		#DIV/0!	
WIST7083	213	2.8%	7,544		0.0%	17		0.0%	2		0.0%	1		#DIV/0!	
WIST7086	13	1.7%	751		0.0%	9		0.0%	4		0.0%	1		#DIV/0!	
WIST7088	112	4.3%	2,601		0.0%	11		0.0%	2		0.0%	2		#DIV/0!	
WIST7092	72	3.8%	1,906		0.0%	10		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7093	247	5.9%	4,155	5	16.7%	30		0.0%	5		0.0%	2		#DIV/0!	
WIST7094	92	2.4%	3,914		0.0%	26		0.0%	1		#DIV/0!			#DIV/0!	
WIST7095	35	2.6%	1,340		0.0%	12		0.0%	1		#DIV/0!			#DIV/0!	
WIST7098	113	4.1%	2,763		0.0%	19		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7103	92	3.1%	3,010		0.0%	27		0.0%	2		#DIV/0!			#DIV/0!	
WIST7106	47	1.3%	3,582		0.0%	23		0.0%	10		0.0%	5		#DIV/0!	
WIST7108	352	4.3%	8,219		0.0%	38		0.0%	8		0.0%	1		#DIV/0!	
WIST7109	220	4.6%	4,776	1	5.0%	20		0.0%	7		0.0%	2		#DIV/0!	
WIST7113	126	3.6%	3,531	1	4.5%	22		0.0%	10		0.0%	1		#DIV/0!	
WIST7115	12	4.1%	293		0.0%	4		0.0%	1		#DIV/0!			#DIV/0!	
WIST7116	191	2.5%	7,570	1	1.9%	53		0.0%	9		0.0%	5		0.0%	2
WIST7118	126	3.6%	3,532		0.0%	11		0.0%	1		#DIV/0!			#DIV/0!	
WIST7119	159	3.0%	5,224		0.0%	48		0.0%	9		#DIV/0!			#DIV/0!	
WIST7120	210	10.1%	2,069		0.0%	5		0.0%	2		#DIV/0!			#DIV/0!	
WIST7121	34	1.8%	1,905		0.0%	16		0.0%	8		0.0%	2		#DIV/0!	
WIST7123	200	3.7%	5,360		0.0%	36		0.0%	4		0.0%	1		#DIV/0!	
WIST7124	162	4.6%	3,498		0.0%	27		0.0%	5		0.0%	2		0.0%	1
WIST7126	104	5.4%	1,937		0.0%	19		0.0%	4		0.0%	1		#DIV/0!	
WIST7127	118	2.9%	4,073		0.0%	19		0.0%	2		#DIV/0!			#DIV/0!	
WIST7129	65	3.2%	2,053		0.0%	10		0.0%	2		#DIV/0!			#DIV/0!	
WIST7130	77	3.5%	2,170		0.0%	18		0.0%	2		#DIV/0!			0.0%	1
WIST7131	26	6.2%	417		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	

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Station ID	ALL INITIAL TESTS			2016			2017			2018			2019		
	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total	Fail	Fail %	Total
WIST7132	27	6.4%	424		0.0%	3		#DIV/0!			0.0%	1		0.0%	1
WIST7133	7	5.6%	124		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7134	0	0.0%	47		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST7136	4	8.2%	49		0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST8001	39	2.8%	1,409		0.0%	9		0.0%	2		#DIV/0!			#DIV/0!	
WIST8002	158	2.7%	5,897		0.0%	40		0.0%	9		0.0%	3		#DIV/0!	
WIST8003	2	66.7%	3		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST8004	1140	10.0%	11,417	1	2.7%	37		0.0%	10		0.0%	2		#DIV/0!	
WIST8005	428	7.1%	5,997	1	3.6%	28		0.0%	12		0.0%	3		#DIV/0!	
WIST8006	727	5.3%	13,787		0.0%	82		0.0%	19		0.0%	11		0.0%	1
WIST8007	274	4.2%	6,457		0.0%	41		0.0%	6		0.0%	4		#DIV/0!	
WIST8008	298	8.7%	3,413		0.0%	15		0.0%	2		0.0%	1		#DIV/0!	
WIST8009	124	4.0%	3,083		0.0%	11		0.0%	2		#DIV/0!			#DIV/0!	
WIST8011	281	4.4%	6,392		0.0%	35		0.0%	5		#DIV/0!			#DIV/0!	
WIST8016	23	5.9%	388		0.0%	3		0.0%	3		#DIV/0!			#DIV/0!	
WIST8017	8	6.9%	116	1	20.0%	5		#DIV/0!			#DIV/0!			#DIV/0!	
WISTT001	39	3.2%	1,211		0.0%	4		0.0%	1		#DIV/0!			#DIV/0!	
WISTT003	390	8.7%	4,497		0.0%	26		0.0%	1		0.0%	3		#DIV/0!	
WISTT005	125	4.0%	3,145		0.0%	21		0.0%	1		0.0%	4		#DIV/0!	
WISTT007	39	3.5%	1,107		0.0%	8		0.0%	2		#DIV/0!			#DIV/0!	
WISTT008	79	3.2%	2,471		0.0%	10		#DIV/0!			#DIV/0!			#DIV/0!	
WISTT009	50	2.9%	1,726		0.0%	16		0.0%	3		#DIV/0!			#DIV/0!	
Grand Total	29624	4.5%	657,655	26	0.7%	3966	7	1.0%	706	3	1.7%	180		0.0%	13

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Station	Company	Address	City	Zip	County	Total Equip Audits
WIST2030	A&J Automotive	8401 W. Hampton Ave	Milwaukee	53225	Milwaukee	27
WIST3003	Accelerated Auto Service	667 W. State St.	Burlington	53105	Racine	21
WIST1003	Allenton Service	5908 Hillcrest Dr.	Allenton	53002	Washington	24
WIST7020	American Muffler & Automotive	5933 S. Pine St.	Burlington	53105	Racine	21
WIST6042	Amport Automotive	1324 White Rock Ave.	Waukesha	53186	Waukesha	12
WIST6007	Anderson Automotive	240 Highland Dr.	Fredonia	53021	Ozaukee	27
WISTT003	Auto Analyzers (TAC)	8404 W. Greenfield Ave.	West Allis	53214	Milwaukee	33
WIST2019	Automotive Solutions	215 Klein Lane	Saukville	53080	Ozaukee	27
WIST3033	Bad Boyz Automotive Repair Inc	4103 7th Avenue	Kenosha	53140	kenosha	12
WIST7115	Black Tie Auto Service	S84 W21172 Janesville Rd	Muskego	53150	WAUKESHA	15
WIST4009	Bluemound Auto Service	6000 W. Bluemound Rd	Wauwatosa	53213	Milwaukee	6
WIST5008	Bob's Main Street Auto & Tow	115 W. Decorah Rd	West Bend	53095	Washington	21
WIST4045	Bob's Main Street Auto & Tow	1200 N Main St	West Bend	53090	Washington	24
WIST7121	Boucher Hyundai	1583 E Moreland Blvd	Waukesha	53186	Waukesha	42
WIST7132	Brown Deer Tire & Auto	4730 W Bradley Rd	Brown Deer	53223	Milwaukee	27
WIST1012	Butler Auto Body	4830 N. 125th St.	Butler	53007	Waukesha	24
WIST7131	Car Corner	2100 Rapids Dr	Racine	53404	Racine	12
WIST3015	Carlton Automotive Inc.	1318 Center St., PO Box 700288	Oostburg	53070	Sheboygan	24
WIST5049	Chris Auto Service	14000 W. Greenfield Ave.	Brookfield	53005	Waukesha	33
WIST6004	Chuck's Main St. Auto	N64 W23876 Main St.	Sussex	53089	Waukesha	24
WIST5055	Curriepark Auto Center	10745 W. Capitol Dr.	Wauwatosa	53222	Milwaukee	27
WIST5040	Dads Auto Service	S98 W12575 Loomis Crt.	Muskego	53150	Waukesha	12
WIST5005	Dave's Garage Inc.	5454 W. Forest Home Ave.	Greenfield	53220	Milwaukee	33
WIST5045	Dave's Truck & 4 X 4 Repair, LLC	2993 Sherman Rd.	Jackson	53037	Washington	27
WIST1020	Don's Garage	11916 Antioch Rd	Trevor	53179	Kenosha	12
WIST9999	DOT Test	1001 West St. Paul Ave	Milwaukee	53233	Milwaukee	0
WIST5015	Durand Automotive Center	1623 Durand Ave.	Racine	53403	Racine	18
WIST6033	Eric Von Schledorn	805 E Green Bay Rd	Saukville	53080	Ozaukee	27
WIST3021	Eric Von Schledorn - Random Lake	W4873 County Road RR	Random Lake	53066	Sheboygan	24
WIST7018	Ernie von Schledorn, Inc.	N88 W14167 Main St.	Menomonee Falls	53051	Waukesha	12
WIST2017	Ewald Chevrolet	36833 E. Wisconsin Ave	Oconomowoc	53066	Waukesha	12
WIST4040	Ewald Venus Ford	2727 E. Layton Ave.	Cudahy	53110	Milwaukee	30
WIST7021	Expert Car Care Inc.	6803 W. National Ave.	West Allis	53214	Milwaukee	18
WIST5011	F & F Tire World - Bluemound Rd.	20120 Bluemound Rd.	Brookfield	53045	Waukesha	33
WIST4017	F & F Tire World - Franklin	2930 W. Rawson Ave.	Franklin	53132	Milwaukee	36
WIST5009	F & F Tire World - Moorland Rd	410 N. Moorland Rd	Brookfield	53005	Waukesha	33
WIST5041	Falls Auto Tech	N84 W15859 Appleton Ave.	Menomonee Falls	53051	Waukesha	12
WIST7081	Farkas Automotive Inc.	8008 N. Sherman	Brown Deer	53209	Milwaukee	27
WIST2034	Fast Track - Mukwonago	1146 N Rochester St	Mukwonago	53149	Waukesha	12
WIST8006	Fast Track Oil Change # 09	5450 N Port Washington Rd	Glendale	53216	Milwaukee	27
WIST8005	Fast Track Oil Change #04	6942 W Brown Deer Rd	Milwaukee	53223	Milwaukee	39
WIST5069	Fast Track Oil Change #08	7515 W Capitol Dr	Milwaukee	53216	Milwaukee	36

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Station	Company	Address	City	Zip	County	Total Equip Audits
WIST4044	Fast Track Oil Change #11	6207 W North Ave	Wauwatosa	53213	Milwaukee	30
WIST7113	Fast Track Oil Change #03	5400 S. 108th St.	Hales Corners	53130	Milwaukee	36
WIST8002	Fast Track Oil Change #1	15400 W National Ave	New Berlin	53151	Waukesha	15
WIST7116	Fast Track Oil Change #10	14245 W. Capitol Dr.	Brookfield	53005	Waukesha	36
WIST2018	Fast Track Oil Change #13	1557 W Moreland Blvd	Waukesha	53186	Waukesha	42
WIST7119	Fast Track Oil Change #2	W62N271 Washington Ave	Cedarburg	53012	Ozaukee	27
WIST5071	Fast Track Oil Change #5	5428 Washington Ave	Racine	53406	Racine	18
WIST4043	Fast Track Oil Change #7	4296 S 27TH ST	Milwaukee	53221	Milwaukee	27
WIST8007	Fast Track Oil Change Center #6	3130 S 108th St	West Allis	53227	Milwaukee	42
WIST7108	Fast Track Sheboygan - Calumet	2757 Calumet Dr.	Sheboygan	53081	Sheboygan	24
WIST3016	Fast Track Sheboygan - Indiana	1328 Indiana Ave.	Sheboygan	53081	Sheboygan	24
WIST7109	Fast Track Sheboygan - Taylor	3669 S. Taylor Dr.	Sheboygan	53081	Sheboygan	24
WIST3022	Fleet 1	749 W STATE ST	Milwaukee	53202	Milwaukee	12
WIST4019	Fleet Auto Sales & Service	7400 W. National Ave.	West Allis	53214	Milwaukee	36
WISTT008	Frank Boucher Chevrolet Cadillac	8600 Washington Ave.	Racine	53406	Racine	12
WIST7092	G-Brock's Auto Repair	375 E. Ottawa Ave	Dousman	53118	Waukesha	12
WIST6035	Good Hope Service	4230 W. Good Hope Rd.	Milwaukee	53209	Milwaukee	39
WIST3005	Gordie Boucher Ford Lincoln	3021 W. Washington St.	West Bend	53095	Washington	24
WIST7093	Gordon's Wheel Service	3595 N. 124 St.	Brookfield	53005	Waukesha	33
WIST5066	Grady's Automotive Inc.	6272 S. Packard Ave	Cudahy	53110	Milwaukee	30
WIST4058	Greitens Auto Service	5804 W. Bluemound Rd	Milwaukee	53213	Milwaukee	27
WIST7078	Griffin Ford	1940 E. Main St.	Waukesha	53186	Waukesha	42
WIST6022	Hall Automotive	704 Bluemound Rd.	Waukesha	53189	Waukesha	12
WIST7016	Hartland Services Inc.	400 Industrial Dr	Hartland	53029	Waukesha	12
WIST2015	Heiser Toyota	11301 W. Metro Blvd.	Milwaukee	53224	Milwaukee	33
WIST7088	Hoffman Auto & Tire	4811 Greenbay Rd.	Kenosha	53144	Kenosha	18
WIST7129	Hopson Automotive	W241 S4165 Pine Hollow Ct	Waukesha	53189	Waukesha	12
WIST8016	It's All Good Auto	10125 W. Loomis Rd.	Franklin	53132	Milwaukee	27
WIST8009	Jackson Superlube	W213N16770 Glen Brook Dr	Jackson	53037	Washington	24
WIST5078	Jaznari Auto Repair	2750 S. 14th Street	Milwaukee	53215	Milwaukee	21
WISTT009	Jerry's Auto Service Inc. (TAC)	W229 N2467 Hwy F	Waukesha	53186	Waukesha	15
WIST1019	Jiffy Lube	7127 Durand AVE	Sturtevant	53177	Racine	15
WIST4002	Joe's Slinger Service LLC	220 Info Hwy. Crt.	Slinger	53086	Washington	27
WIST6030	John Amato Ford	1015 S Main St	Mukwonago	53149	Waukesha	12
WIST3013	John Amato Hyundai Inc.	8301 N. 76th St.	Milwaukee	53223	Milwaukee	39
WIST3023	John Amato Nissan	5200 N Port Washington Rd	Glendale	53217	Milwaukee	27
WIST7022	John Paul's Buick GMC	3615 S. 108th St.	Greenfield	53228	Milwaukee	39
WIST7134	Karls Garage LLC	N6745B State Road 32	Sheboygan Falls	53085	Sheboygan	12
WIST4051	Kastenson Auto (formally Tenhagen Auto)	21445 Durand Ave	Union Grove	53182	Racine	18
WIST7136	Keno Collision & Service	7514 Sheridan Rd.	Kenosha	53143	Kenosha	12
WIST3029	Keno Lube	7514 Sheridan, Dr	Kenosha	53143	Kenosha	18
WIST2033	Kerns on 76th	7960 N 76th Street	Milwaukee	53223	Milwaukee	12

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WIST3014	Komp Tech Automotive Service	8832 W. Greenfield Ave.	West Allis	53214	Milwaukee	36
WIST5012	Krueger's Auto Tech Center	W61 N225 Cardinal Ave.	Cedarburg	53012	Ozaukee	15
WIST4003	Kusch's Automotive	136 N. 120th St.	Wauwatosa	53226	Milwaukee	33
WIST4049	LaBelle Auto	N56 W39413 Hwy 16	Oconomowoc	53066	Waukesha	12
WIST2025	Lakeshore Mobile	2521 E. Capitol	Shorewood	53211	Milwaukee	27
WIST3018	Larrys Auto	6373 North 91st Street	Milwaukee	53225	Milwaukee	18
WIST4014	Laubenheimer's Garage LLC	1860 Hwy 175, PO Box 36	Richfield	53076	Washington	24
WIST4032	Laus Tire & Auto	5025 W. Villard Ave.	Milwaukee	53218	Milwaukee	36
WIST4053	Liberty Street Auto	1600 Durand Ave	Racine	53404	Racine	18
WIST7023	Lisbon Sales & Services	7515 W. Lisbon Ave.	Milwaukee	53216	Milwaukee	27
WIST6013	Lutter's Elmbrook Automotive	16880 Greenfield Ave.	Brookfield	53005	Waukesha	33
WIST3032	M & D Auto Services	W19 N5733 Becker Dr	Lannon	53046	Waukesha	12
WIST6001	M & M Citgo	2101 Douglas Ave.	Racine	53402	Racine	18
WIST6021	Maddison Automotive	210 N. Wales Rd.	Wales	53183	Waukesha	12
WIST7120	Manyo Motors	4035 N Green Bay Avenue	Milwaukee	53212	Milwaukee	36
WIST4057	Marks Mobil Service LLC	12401 W. Cleveland Ave.	New Berlin	53151	Waukesha	12
WIST6026	Martin Ford	19215 Spring St	Union Grove	53182	Racine	18
WIST3006	Martin's Automotive Services	W230 S8750 Wynn Dr	Big Bend	53103	Waukesha	12
WIST5053	Mayer Automotive LLC.	W6082 Hwy W	Cascade	53011	Sheboygan	27
WIST7133	MBS Tire and Auto	2835 Lathrop Ave.	Racine	53405	Racine	9
WIST4060	McDevitts Towing and Service	5150 60th Street	Kenosha	53144	Kenosha	12
WIST2031	Meineke - Racine	6006 21ST STREET	Racine	53406	Racine	18
WIST4042	Meineke Car Care Center	4320 S 27TH ST	Milwaukee	53221	Milwaukee	33
WIST5077	Menomonee Falls Super Lube	W156 N8390 Pilgrim Rd	Menomonee Falls	53051	Waukesha	24
WIST3030	Merlin 200,000 Mile Shop	8601 75th St.	Kenosha	53142	Kenosha	15
WIST6016	Mertens Auto Service Center	389 Milwaukee Ave.	Burlington	53105	Racine	12
WIST7103	Meyer Motors Inc.	107 Plaza Lane	Plymouth	53073	Sheboygan	24
WIST7025	Midas - Menomonee Falls	N96 W18375 Hwy Q	Menomonee Falls	53052	Waukesha	9
WIST8011	Mike's Quality Auto	457 Falcon Ridge Dr	Burlington	53105	Racine	27
WIST6043	Mil-City Motors	7169 W. Fond Du Lac Ave	Milwaukee	53218	Milwaukee	12
WIST5079	Miller Motors	1196 Milwaukee Ave	Burlington	53105	Racine	12
WIST5076	Mister Car Wash - Cudahy	5506 S Packard Ave	Cudahy	53110	Milwaukee	30
WIST6041	Mister Car Wash - Franklin	7700 W. Rawson Ave	Franklin	53132	Milwaukee	36
WIST2026	Mister Car Wash - Menomonee Falls	N95 W18255 Appleton Avenue	Menomonee Falls	53051	Waukesha	24
WIST5036	Monro - 27th St.	3849 S. 27th St.	Milwaukee	53221	Milwaukee	12
WIST5021	Monro - Bluemound Rd	5930 W. Bluemound Rd	Milwaukee	53213	Milwaukee	3
WIST6014	Monro - Cudahy	6084 S. Packard Ave.	Cudahy	53110	Milwaukee	6
WIST5075	Muffler Magic - 76th Street (AAMCO)	9055 N 76th	Milwaukee	53223	Milwaukee	39
WIST4055	Munro's Auto Service	5048 S. 27th	Milwaukee	53221	Milwaukee	33
WIST7094	Muskego Tire & Auto	S73 W16610 Janesville Rd	Muskego	53150	Waukesha	15
WIST8004	National Auto Tech	630 W. National Ave	Milwaukee	53204	Milwaukee	45
WIST7095	National Complete Auto Care	16405 W. National Ave.	New Berlin	53151	Waukesha	12

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WIST7030	National Pride Auto	5512 75th St.	Kenosha	53142	Kenosha	18
WIST7031	Nelson's Automotive of Pewaukee	N49 W22900 Commerce Ctr. Dr.	Pewaukee	53072	Waukesha	15
WIST6034	New Berlin Tire	15650 W National Ave	New Berlin	53151	Waukesha	12
WIST4006	Newman Chevrolet	1181 Wauwatosa Rd	Cedarburg	53012	Ozaukee	27
WIST7014	Oak Creek Automotive Inc.	7948 S. 27th St.	Oak Creek	53154	Milwaukee	30
WIST5004	O'Gorman's West Town Auto	7105 W. North Ave.	Wauwatosa	53213	Milwaukee	27
WIST7044	Oil Express - AKA River Falls Oil & Tire	N88W15220 Main St.	Menomonee Falls	53051	Waukesha	24
WIST0000	Opus Inspections	5470 S. Westridge Dr.	New Berlin	53151	Waukesha	0
WIST5029	Palmen Buick, GMC, Cadillac	7110 74th Place	Kenosha	53142	Kenosha	18
WIST7004	Passehl's BP	4625 Taylor Ave.	Racine	53405	Racine	18
WIST6018	Paul's Bender Center	8313 22nd Ave.	Kenosha	53143	Kenosha	18
WIST2027	Pennzoil Pewaukee	1284 Capitol Dr.	Pewaukee	53072	Waukesha	15
WIST7033	Pinkalla Auto Solutions	3059 Durand Ave.	Racine	53403	Racine	18
WIST2021	Port Washington Super Lube	1610 N Washington St	Port Washington	53074	Ozaukee	24
WIST5017	Pro Auto Center	303 E. Monroe Ave.	Hartford	53027	Washington	27
WIST4031	R & R Automotive	6930 39th Ave.	Kenosha	53142	Kenosha	18
WIST8008	R.K. Motors	3700 N Holton St	Milwaukee	53212	Milwaukee	36
WIST7036	Racine Auto Specialist	2320 Douglas Ave.	Racine	53402	Racine	18
WIST1018	Ramsey Motors	5900 S 27th St.	Milwaukee	53221	Milwaukee	24
WIST7039	Richfield Service	1810 Wolf Rd	Richfield	53076	Washington	24
WIST7041	Richlonns Tire & Service Center - Greendale	5131 S. 76th St.	Greendale	53129	Milwaukee	33
WIST5037	Richlonns Tire & Service Center - Greenfield	4440 S. 108th St.	Greenfield	53228	Milwaukee	36
WIST7040	Richlonns Tire & Service Center - Muskego	S78 W18755 Janesville Rd	Muskego	53150	Waukesha	15
WIST7042	Richlonns Tire & Service Center - Waukesha	2480 W. Sunset Dr.	Waukesha	53189	Waukesha	12
WIST4050	Rick's Car Care	6121 W Mequon Rd	Mequon	53092	Ozaukee	27
WIST7045	Rivers Edge Oil & Tire	811 S. Rochester St.	Mukwonago	53149	Waukesha	12
WIST2029	Road Runner Express	5275 S.Moorland Rd	New Berlin	53151	Waukesha	12
WIST5058	Ruby Isle Auto	11137 W. Silver Spring Dr.	Milwaukee	53225	Milwaukee	30
WIST5003	Russ Darrow Chrysler Jeep Dodge	7676 North 76th St	Milwaukee	53223	Milwaukee	39
WIST7009	Russ Darrow Honda	9301 W. Brown Deer Rd	Milwaukee	53224	Milwaukee	33
WIST7086	Russ Darrow Kia of Waukesha	2141 E. Moreland Blvd	Waukesha	53186	Waukesha	39
WIST4026	Russ Darrow Kia of Wauwatosa	1901 N. Mayfair Rd	Wauwatosa	53226	Milwaukee	24
WIST5023	Russ Darrow Mitsubishi	W226 S1700 Hwy 164	Waukesha	53186	Waukesha	39
WIST5044	Russ Darrow Nissan - Metro BLVD	11212 W Metro Blvd	Milwaukee	53224	Milwaukee	33
WIST2032	Russ Darrow Nissan - West Bend	2665 W Washington Ave	West Bend	53095	Washington	12
WIST3028	Russ Darrow Sheboygan	5515 Racetrack Rd	Sheboygan	53081	Sheboygan	15
WIST7049	Russ Darrow Toyota	2700 W. Washington St.	West Bend	53095	Washington	24
WIST7006	Russ Darrow West Bend	3210 W. Washington St.	West Bend	53095	Washington	24
WIST7011	Salem Auto Service	8515 Antioch Rd	Salem	53168	Kenosha	21
WIST3031	Sam's Auto	4315 Byrd Ave	Racine	53405	Racine	12
WISTT005	Schaefer Service Center (TAC)	1130 E. Commerce Blvd	Slinger	53086	Washington	27
WIST7080	Schmit Bros Ford Lincoln	925 E. Green Bay Rd	Saukville	53080	Ozaukee	6

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WIST4059	Sheboygan Auto Helpers	3667 S Taylor Drive	Sheboygan	54081	Sheboygan	12
WIST7083	Sheboygan Chevrolet GMC Buick	3400 S. Business Dr.	Sheboygan	53081	Sheboygan	24
WIST7098	Shorewood Auto Repair	1330 E. Capitol Dr.	Shorewood	53211	Milwaukee	27
WIST8001	Silver Lake Auto Center	N76 W30620 HWY VV	Hartland	53029	Waukesha	12
WIST7052	Silver Lake Auto Service Inc.	36355 E. Wisconsin Ave.	Oconomowoc	53066	Waukesha	12
WIST7053	Silver Lake Auto Service Inc.	551 N. Cogswell Dr.	Silver Lake	53170	Kenosha	21
WIST7069	Silvernail Emissions Car Care & Uhaul	2210 Silvernail Rd	Pewaukee	53072	Waukesha	12
WIST7054	Sipp's Auto Service Inc.	N87 W17460 Main St.	Menomonee Falls	53051	Waukesha	24
WIST7055	South Milwaukee Car Care Center	1221 N. Chicago Ave.	South Milwaukee	53172	Milwaukee	21
WIST7056	Southtown Tire & Auto	2906 S. 108th St.	West Allis	53227	Milwaukee	33
WISTT007	Sunset Auto Service	1194 FOND DU LAC AVE	Sheboygan Falls	53085	Sheboygan	24
WIST7118	Tech Way	4004 S Kinnickinnic Ave	St Francis	53235	Milwaukee	30
WIST1016	Tenley Auto	9208 West Capitol Drive	Milwaukee	53222	Milwaukee	30
WIST7061	Theel Auto Inc.	N8364 County Rd J	Elkhart Lake	53020	Sheboygan	24
WIST7123	Tires Plus - Kenosha	7424 74th Place	Kenosha	53142	Kenosha	18
WIST2028	Tires Unlimited Automotive Service	1557 N. Wisconsin St.	Port Washington	53074	Ozaukee	27
WIST7064	Trust Tire & Auto Service	10432 N. Port Washington Rd	Mequon	53092	Ozaukee	15
WIST7065	Twenty First Century Auto	5300 W. Forest Home Ave.	Milwaukee	53220	Milwaukee	36
WIST6040	Valvoline - 27th St.	3360 S. 27th St.	Milwaukee	53221	Milwaukee	27
WIST5074	Valvoline - 68th St.	112 S. 68th St.	Milwaukee	53214	Milwaukee	33
WIST8017	Valvoline - Cudahy	5912 Packard Ave	Cudahy	53110	Milwaukee	12
WIST6039	Valvoline - Delafield	2325 Sun Valley Dr	Delafield	53018	Waukesha	12
WIST7124	Valvoline - Glendale	6100 N Port Washington Rd	Glendale	53212	Milwaukee	24
WIST3024	Valvoline - Greenfield	4839 S. 27th Street	Greenfield	53221	Milwaukee	45
WIST6037	Valvoline - Kenosha	3015 52nd St	Kenosha	53144	Kenosha	18
WIST7130	Valvoline - Layton	8008 W Layton Ave	Greenfield	53220	Milwaukee	33
WIST6031	Valvoline - Muskego	N167S7825 Lions Park Dr	Muskego	53150	Waukesha	15
WIST7127	Valvoline - Pewaukee	1812 Silvernail Rd	Pewaukee	53072	Waukesha	12
WIST4054	Valvoline - Plymouth	1950 Eastern Ave	Plymouth	53073	Sheboygan	24
WIST7126	Valvoline - Racine	5920 21st St	Racine	53405	Racine	18
WIST2024	Valvoline - Waukesha	1951 E Main St	Waukesha	53186	Waukesha	39
WIST7067	Village Tire & Auto	W172 N12185 Division Rd	Germantown	53022	Washington	27
WIST7068	Wales Super Lube #421	120 W. Summit Ave	Wales	53183	Waukesha	12
WIST7046	Weigman's Automotive Inc	7169 W. Fond du Lac Ave.	Milwaukee	53218	Milwaukee	30
WIST7070	Weissman Automotive	W140 N10455 Fond du Lac Ave.	Germantown	53022	Washington	27
WIST7071	Welks Automotive	8333 W. Layton Ave.	Greenfield	53220	Milwaukee	33
WIST4048	West Bend Super Lube	2353 W Washington St	West Bend	53095	Washington	24
WIST7072	Westside Auto Center	820 W. Sumner St.	Hartford	53027	Washington	27
WIST7106	Wilde Toyota	3225 S. 108 St.	West Allis	53227	Milwaukee	39
WIST7073	Wilmot Auto Service Inc.	11307 Fox River Rd	Wilmot	53192	Kenosha	21
WIST1021	WISCO Automotive	496 Pine Street	Burlington	53105	Racine	12
WIST7074	Wisconsin Muffler - Lincoln Ave.	3634 W. Lincoln Ave.	Milwaukee	53215	Milwaukee	30

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WIST7075	Wisconsin Muffler - New Berlin	13320 W. College Ave.	New Berlin	53151	Waukesha	12
WIST1111	WISDOT	1001 West St. Paul Ave	Milwaukee	53233	Milwaukee	21
WIST7076	WJ Kuhn Automotive Center Inc.	8511 S. Howell Ave.	Oak Creek	53154	Milwaukee	27
WIST5080	Wrench Workz LLC	1285 Morgan Drive	Hubertus	53033	Washington	12