
WISCONSIN
VEHICLE INSPECTION PROGRAM
ANNUAL REPORT
2017



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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 the 2017 calendar year the PIF per county totals were:

- Kenosha = 11
- Milwaukee = 71
- Racine = 18
- Sheboygan = 12
- Waukesha = 52
- Ozaukee = 11
- Washington = 17

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 2014

- 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 2012 and older in CY 2017

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 approximately 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 2017, and their locations, begins on page 33.

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 will soon have several areas (Sheboygan County and parts of Kenosha, Milwaukee, Ozaukee, Manitowoc and Door Counties) that are in nonattainment of federal ozone standards (effective August 3, 2018).

MOTOR VEHICLE EMISSION REDUCTIONS & AIR QUALITY IMPROVEMENT

Reducing motor vehicle emissions plays a substantial role in improving 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 2017:

- Volatile organic compounds (VOC) emissions reduced by 1.71 tons per summer weekday, or 7.2%.
- Oxides of nitrogen (NOx) emissions reduced by 2.23 tons per summer weekday, or 5.0%.
- Carbon monoxide (CO) emissions reduced by 32.38 tons per summer weekday, or 10.1%

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

		Volatile Organic Compounds (VOC)				
		2005	2008	2011	2014	2017
No WVIP	6 SE Counties	52.44	45.88	40.78	29.16	21.95
No WVIP	Sheboygan Co.	3.54	3.06	2.61	1.94	1.73
No WVIP	All 7 Counties	55.98	48.94	43.39	31.10	23.68
WVIP	6 SE Counties	46.62	40.66	38.47	27.16	20.36
WVIP	Sheboygan Co.	3.21	2.74	2.46	1.81	1.61
WVIP	All 7 Counties	49.83	43.39	40.93	28.97	21.97
WVIP Reductions (tons)		6.16	5.54	2.46	2.13	1.71
WVIP Reductions (%)		11.0%	11.3%	5.7%	6.9%	7.2%

		Oxides of Nitrogen (NOx)				
		2005	2008	2011	2014	2017
No WVIP	6 SE Counties	117.13	97.32	83.73	60.05	40.71
No WVIP	Sheboygan Co.	8.38	6.78	5.70	4.24	3.58
No WVIP	All 7 Counties	125.51	104.10	89.43	64.28	44.29
WVIP	6 SE Counties	110.05	90.92	79.90	56.91	38.63
WVIP	Sheboygan Co.	7.93	6.37	5.45	4.03	3.43
WVIP	All 7 Counties	117.98	97.29	85.35	60.94	42.06
WVIP Reductions (tons)		7.53	6.80	4.09	3.35	2.23
WVIP Reductions (%)		6.0%	6.5%	4.6%	5.2%	5.0%

		Carbon Monoxide (CO)				
		2005	2008	2011	2014	2017
No WVIP	6 SE Counties	581.06	515.70	476.11	369.35	298.95
No WVIP	Sheboygan Co.	38.68	33.01	28.31	24.37	22.75
No WVIP	All 7 Counties	619.74	548.71	504.42	393.72	321.70
WVIP	6 SE Counties	516.87	457.03	440.70	335.67	268.81
WVIP	Sheboygan Co.	34.91	29.53	26.13	22.13	20.51
WVIP	All 7 Counties	551.78	486.56	466.83	357.80	289.32
WVIP Reductions (tons)		67.95	62.15	37.59	35.92	32.38
WVIP Reductions (%)		11.0%	11.3%	7.5%	9.1%	10.1%

NOTES:

1. The "6 SE Counties" are Kenosha, Milwaukee, Ozaukee, Racine, Washington and Waukesha Counties.
2. Emissions calculated using U.S. EPA's MOVES_{2014a} model.
3. Emissions calculated for the year 2017 are preliminary, since local 2017 vehicle-miles of travel data are not yet available. Instead the 2017 vehicle-miles of travel was estimated by applying a national growth rate to the 2016 vehicle-miles of travel.
4. Emissions calculated for all the years differ from the values in last year's report, since inputs to the MOVES_{2014a} model were updated reflecting current U.S. EPA guidance, current transportation data, and more accurate program compliance and waiver rates.
5. On July of 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).
6. The one exception to the trend of increasing emission reduction percentages after 2008 is the 2017 NO_x reduction (5.0%) which is less than the 2014 NO_x reduction (5.2%). The reason for this percentage decrease is that the gasoline sulfur levels in 2017 were 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 0.080 ppm for the years 2015 to 2017.

During that time period, U.S. EPA has repeatedly lowered the level of the 8-hour ozone standard, from 0.08 ppm in 1997 to 0.075 ppm in 2008. U.S. EPA most recently set a new standard at the level of 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. In contrast, only two counties, Sheboygan and eastern Kenosha counties, were designated nonattainment with the 2008 standard. On June 4, 2018, the U.S. EPA designated nonattainment areas under the more stringent 2015 ozone standard, effective August 3, 2018. 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.

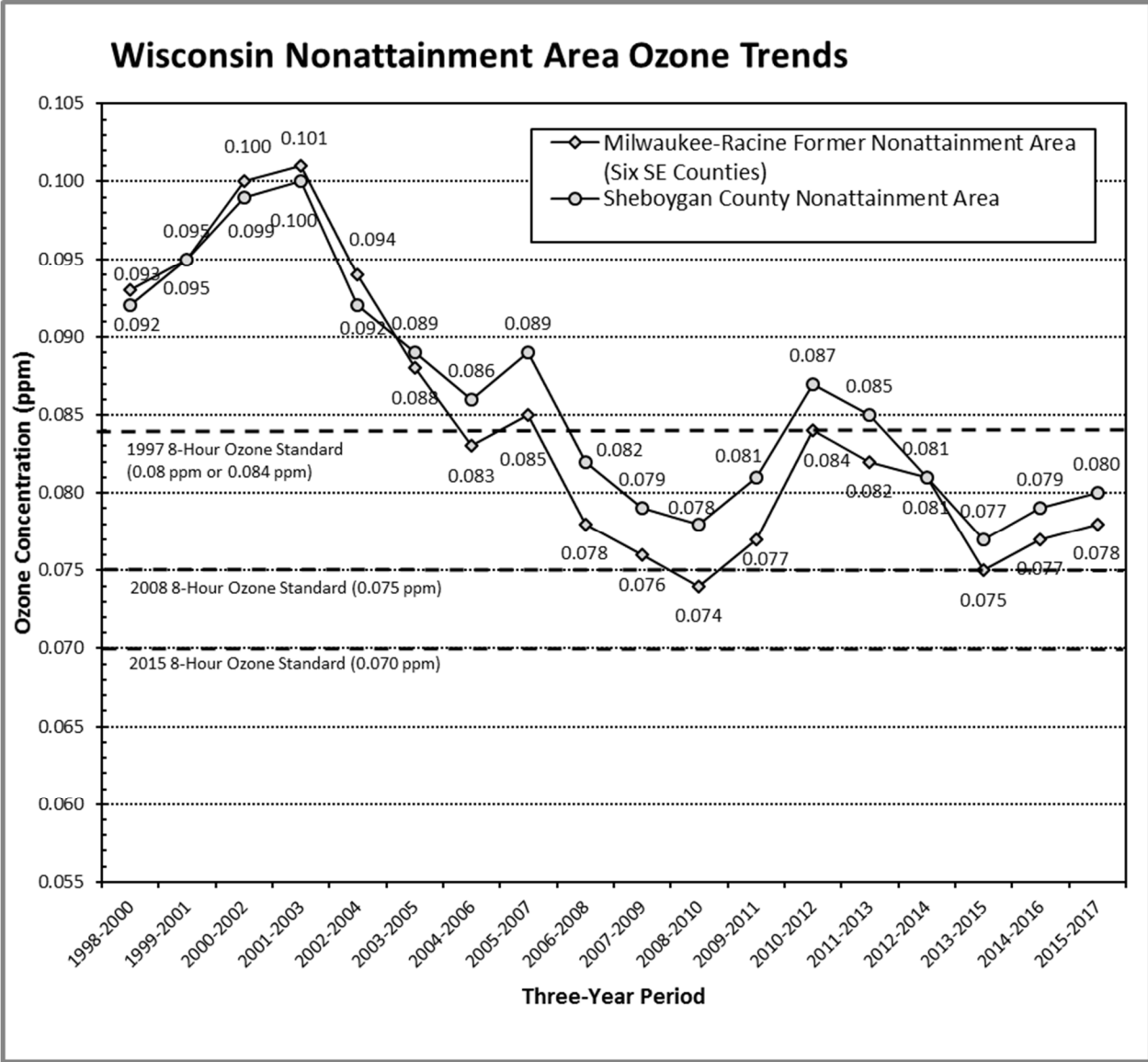


Figure 1. Trends in ozone design values for the Wisconsin Vehicle Inspection Program area. The highest value in the area is shown in each case. Note that since temperature has a strong influence on ozone concentrations, the values are highest for the time periods including hot summers, most notably the 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, 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	8,579	615	2,280	219	11,693
1997	3,816	359	951	141	5,267
1998	16,056	959	3,979	408	21,402
1999	6,661	775	1,259	296	8,991
2000	29,422	1,660	5,621	963	37,666
2001	9,908	996	1,616	454	12,974
2002	44,494	3,098	7,112	1,194	55,898
2003	12,905	1,741	1,707	563	16,916
2004	52,634	4,104	7,828	1,294	65,860
2005	14,505	1,990	1,572	907	18,974
2006	61,001	3,830	6,529	1,895	73,255
2007	14,666	2,159	1,760	703	19,288
2008	64,722	4,507	7,405	1,678	78,312
2009	9,625	1,119	931	334	12,009
2010	54,781	3,427	5,627	1,171	65,006
2011	11,092	2,007	1,580	501	15,180
2012	63,687	7,744	7,074	2,089	80,594
2013	4,890	986	725	391	6,992
2014	39,362	25,131	7,861	6,424	78,778
2015	1,941	1,382	347	278	3,948
2016	540	266	79	66	951
2017	120	53	15	9	197
2018	33	1	1	35	
GRAND TOTAL	525,440	68,909	73,858	21,979	690,186

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	7,832	577	1,967	189	10,565
INITIAL FAIL	725	73	189	26	1,013
INITIAL PASS	7,107	504	1,778	163	9,552
FAILURE RATE	9.3%	12.7%	9.6%	13.8%	9.6%
1997	3,332	333	788	112	4,565
INITIAL FAIL	372	69	94	14	549
INITIAL PASS	2,960	264	694	98	4,016
FAILURE RATE	11.2%	20.7%	11.9%	12.5%	12.0%
1998	14,722	901	3,411	331	19,365
INITIAL FAIL	1,510	129	323	42	2,004
INITIAL PASS	13,212	772	3,088	289	17,361
FAILURE RATE	10.3%	14.3%	9.5%	12.7%	10.3%
1999	5,723	721	1,039	233	7,716
INITIAL FAIL	754	128	98	30	1,010
INITIAL PASS	4,969	593	941	203	6,706
FAILURE RATE	13.2%	17.8%	9.4%	12.9%	13.1%
2000	27,012	1,519	4,732	734	33,997
INITIAL FAIL	2,635	160	381	86	3,262
INITIAL PASS	24,377	1,359	4,351	648	30,735
FAILURE RATE	9.8%	10.5%	8.1%	11.7%	9.6%
2001	8,368	937	1,273	370	10,948
INITIAL FAIL	1,279	157	123	101	1,660
INITIAL PASS	7,089	780	1,150	269	9,288
FAILURE RATE	15.3%	16.8%	9.7%	27.3%	15.2%
2002	40,113	2,905	6,052	955	50,025
INITIAL FAIL	3,850	293	406	119	4,668
INITIAL PASS	36,263	2,612	5,646	836	45,357
FAILURE RATE	9.6%	10.1%	6.7%	12.5%	9.3%
2003	11,431	1,653	1,405	475	14,964
INITIAL FAIL	1,177	154	102	76	1,509
INITIAL PASS	10,254	1,499	1,303	399	13,455
FAILURE RATE	10.3%	9.3%	7.3%	16.0%	10.1%
2004	49,558	3,913	6,820	1,036	61,327

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL	
	INITIAL FAIL	3,279	295	370	72	4,016
	INITIAL PASS	46,279	3,618	6,450	964	57,311
	FAILURE RATE	6.6%	7.5%	5.4%	6.9%	6.5%
2005		13,219	1,915	1,366	803	17,303
	INITIAL FAIL	962	146	57	70	1,235
	INITIAL PASS	12,257	1,769	1,309	733	16,068
	FAILURE RATE	7.3%	7.6%	4.2%	8.7%	7.1%
2006		58,091	3,710	5,833	1,483	69,117
	INITIAL FAIL	3,050	219	224	120	3,613
	INITIAL PASS	55,041	3,491	5,609	1,363	65,504
	FAILURE RATE	5.3%	5.9%	3.8%	8.1%	5.2%
2007		13,727	2,114	1,640	681	18,162
	INITIAL FAIL	708	93	78	54	933
	INITIAL PASS	13,019	2,021	1,562	627	17,229
	FAILURE RATE	5.2%	4.4%	4.8%	7.9%	5.1%
2008		62,706	4,436	7,181	1,629	75,952
	INITIAL FAIL	2,018	140	218	67	2,443
	INITIAL PASS	60,688	4,296	6,963	1,562	73,509
	FAILURE RATE	3.2%	3.2%	3.0%	4.1%	3.2%
2009		9,260	1,105	892	328	11,585
	INITIAL FAIL	299	39	26	11	375
	INITIAL PASS	8,961	1,066	866	317	11,210
	FAILURE RATE	3.2%	3.5%	2.9%	3.4%	3.2%
2010		53,763	3,380	5,536	1,144	63,823
	INITIAL FAIL	1,008	66	94	39	1,207
	INITIAL PASS	52,755	3,314	5,442	1,105	62,616
	FAILURE RATE	1.9%	2.0%	1.7%	3.4%	1.9%
2011		10,772	2,001	1,546	492	14,811
	INITIAL FAIL	284	34	24	13	355
	INITIAL PASS	10,488	1,967	1,522	479	14,456
	FAILURE RATE	2.6%	1.7%	1.6%	2.6%	2.4%
2012		62,924	7,712	6,975	2,073	79,684
	INITIAL FAIL	658	90	83	40	871
	INITIAL PASS	62,266	7,622	6,892	2,033	78,813
	FAILURE RATE	1.0%	1.2%	1.2%	1.9%	1.1%
2013		4,766	983	701	388	6,838
	INITIAL FAIL	85	9	16	7	117
	INITIAL PASS	4,681	974	685	381	6,721
	FAILURE RATE	1.8%	0.9%	2.3%	1.8%	1.7%
2014		39,037	25,087	7,819	6,403	78,346
	INITIAL FAIL	353	82	40	61	536
	INITIAL PASS	38,684	25,005	7,779	6,342	77,810

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
FAILURE RATE	0.9%	0.3%	0.5%	1.0%	0.7%
2015	1,921	1,381	345	277	3,924
INITIAL FAIL	19	4	3	1	27
INITIAL PASS	1,902	1,377	342	276	3,897
FAILURE RATE	1.0%	0.3%	0.9%	0.4%	0.7%
2016	534	265	78	66	943
INITIAL FAIL	8	1			9
INITIAL PASS	526	264	78	66	934
FAILURE RATE	1.5%	0.4%	0.0%	0.0%	1.0%
2017	119	53	14	9	195
INITIAL FAIL	4				4
INITIAL PASS	115	53	14	9	191
FAILURE RATE	3.4%	0.0%	0.0%	0.0%	2.1%
2018	33	1		1	35
INITIAL FAIL					
INITIAL PASS	33	1		1	35
FAILURE RATE	0	0	#DIV/o!	0	0
GRAND TOTAL	498,963	67,602	67,413	20,212	654,190
INITIAL FAIL	25,037	2,318	2,459	1,049	31,416
INITIAL PASS	473,926	65,221	64,464	19,163	622,774
FAILURE RATE	5.0%	3.5%	4.4%	5.2%	4.8%

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.

1ST RETEST BY MY	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
1996	537	21	149	9	716
FAIL	129	4	41	1	175
PASS	408	17	108	8	541
FAIL RATE	24.0%	19.0%	27.5%	11.1%	24.4%
PASS RATE	76.0%	81.0%	72.5%	88.9%	75.6%
1997	347	14	95	4	460
FAIL	108	7	26	2	143
PASS	239	7	69	2	317
FAIL RATE	31.1%	50.0%	27.4%	50.0%	31.1%
PASS RATE	68.9%	50.0%	72.6%	50.0%	68.9%
1998	1,071	42	257	22	1,392
FAIL	246	13	45	8	312
PASS	825	29	212	14	1,080
FAIL RATE	23.0%	31.0%	17.5%	36.4%	22.4%
PASS RATE	77.0%	69.0%	82.5%	63.6%	77.6%
1999	697	36	89	8	830
FAIL	209	10	14	6	239
PASS	488	26	75	2	591
FAIL RATE	30.0%	27.8%	15.7%	75.0%	28.8%
PASS RATE	70.0%	72.2%	84.3%	25.0%	71.2%
2000	1,940	72	292	37	2,341
FAIL	387	16	43	8	454
PASS	1,553	56	249	29	1,887
FAIL RATE	19.9%	22.2%	14.7%	21.6%	19.4%
PASS RATE	80.1%	77.8%	85.3%	78.4%	80.6%
2001	1,141	32	121	20	1,314
FAIL	302	6	28	10	346
PASS	839	26	93	10	968
FAIL RATE	26.5%	18.8%	23.1%	50.0%	26.3%
PASS RATE	73.5%	81.3%	76.9%	50.0%	73.7%
2002	2,945	132	318	47	3,442
FAIL	591	21	40	5	657
PASS	2,354	111	278	42	2,785
FAIL RATE	20.1%	15.9%	12.6%	10.6%	19.1%

1ST RETEST BY MY	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL	
2003	PASS RATE	79.9%	84.1%	87.4%	89.4%	80.9%
		1,104	47	95	14	1,260
	FAIL	260	12	13	3	288
	PASS	844	35	82	11	972
	FAIL RATE	23.6%	25.5%	13.7%	21.4%	22.9%
	PASS RATE	76.4%	74.5%	86.3%	78.6%	77.1%
2004		2,605	125	298	27	3,055
	FAIL	432	26	33	7	498
	PASS	2,173	99	265	20	2,557
	FAIL RATE	16.6%	20.8%	11.1%	25.9%	16.3%
	PASS RATE	83.4%	79.2%	88.9%	74.1%	83.7%
2005		1,001	38	63	19	1,121
	FAIL	213	12	6		231
	PASS	788	26	57	19	890
	FAIL RATE	21.3%	31.6%	9.5%	0.0%	20.6%
	PASS RATE	78.7%	68.4%	90.5%	100.0%	79.4%
2006		2,476	80	182	56	2,794
	FAIL	341	12	11	6	370
	PASS	2,135	68	171	50	2,424
	FAIL RATE	13.8%	15.0%	6.0%	10.7%	13.2%
	PASS RATE	86.2%	85.0%	94.0%	89.3%	86.8%
2007		738	35	95	17	885
	FAIL	139	5	9	5	158
	PASS	599	30	86	12	727
	FAIL RATE	18.8%	14.3%	9.5%	29.4%	17.9%
	PASS RATE	81.2%	85.7%	90.5%	70.6%	82.1%
2008		1,703	62	178	43	1,986
	FAIL	213	4	15	7	239
	PASS	1,490	58	163	36	1,747
	FAIL RATE	12.5%	6.5%	8.4%	16.3%	12.0%
	PASS RATE	87.5%	93.5%	91.6%	83.7%	88.0%
2009		290	10	34	5	339
	FAIL	42	1	4		47
	PASS	248	9	30	5	292
	FAIL RATE	14.5%	10.0%	11.8%	0.0%	13.9%
	PASS RATE	85.5%	90.0%	88.2%	100.0%	86.1%
2010		850	39	76	26	991
	FAIL	97	5	8	1	111
	PASS	753	34	68	25	880
	FAIL RATE	11.4%	12.8%	10.5%	3.8%	11.2%
	PASS RATE	88.6%	87.2%	89.5%	96.2%	88.8%
2011		255	4	26	6	291

1ST RETEST BY MY	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
FAIL	24		1	1	26
PASS	231	4	25	5	265
FAIL RATE	9.4%	0.0%	3.8%	16.7%	8.9%
PASS RATE	90.6%	100.0%	96.2%	83.3%	91.1%
2012	626	21	65	15	727
FAIL	45	1	3	1	50
PASS	581	20	62	14	677
FAIL RATE	7.2%	4.8%	4.6%	6.7%	6.9%
PASS RATE	92.8%	95.2%	95.4%	93.3%	93.1%
2013	88	2	20	2	112
FAIL	12		2		14
PASS	76	2	18	2	98
FAIL RATE	13.6%	0.0%	10.0%	0.0%	12.5%
PASS RATE	86.4%	100.0%	90.0%	100.0%	87.5%
2014	249	9	31	12	301
FAIL	9	1	1	2	13
PASS	240	8	30	10	288
FAIL RATE	3.6%	11.1%	3.2%	16.7%	4.3%
PASS RATE	96.4%	88.9%	96.8%	83.3%	95.7%
2015	8				8
FAIL	1				1
PASS	7				7
FAIL RATE	12.5%	#DIV/o!	#DIV/o!	#DIV/o!	12.5%
PASS RATE	87.5%	#DIV/o!	#DIV/o!	#DIV/o!	87.5%
2016	3				3
FAIL					
PASS	3				3
FAIL RATE	0.0%	#DIV/o!	#DIV/o!	#DIV/o!	0.0%
PASS RATE	100.0%	#DIV/o!	#DIV/o!	#DIV/o!	100.0%
2017	1				1
FAIL					
PASS	1				1
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	20,675	821	2,484	389	24,369
FAIL	3,800	156	343	73	4,372
PASS	16,875	665	2,141	316	19,997
FAIL RATE	18.4%	19.0%	13.8%	18.8%	17.9%
PASS RATE	81.6%	81.0%	86.2%	81.2%	82.1%

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	144	3	36	1	184
FAIL	70	2	19	1	92
PASS	74	1	17		92
FAIL RATE	48.6%	66.7%	52.8%	100.0%	50.0%
PASS RATE	51.4%	33.3%	47.2%	0.0%	50.0%
1997	113	7	30	2	152
FAIL	48	4	14	1	67
PASS	65	3	16	1	85
FAIL RATE	42.5%	57.1%	46.7%	50.0%	44.1%
PASS RATE	57.5%	42.9%	53.3%	50.0%	55.9%
1998	227	9	45	5	286
FAIL	104	5	18	1	128
PASS	123	4	27	4	158
FAIL RATE	45.8%	55.6%	40.0%	20.0%	44.8%
PASS RATE	54.2%	44.4%	60.0%	80.0%	55.2%
1999	221	11	24	7	263
FAIL	106	5	7	6	124
PASS	115	6	17	1	139
FAIL RATE	48.0%	45.5%	29.2%	85.7%	47.1%
PASS RATE	52.0%	54.5%	70.8%	14.3%	52.9%
2000	388	13	38	8	447
FAIL	158	7	11	2	178
PASS	230	6	27	6	269
FAIL RATE	40.7%	53.8%	28.9%	25.0%	39.8%
PASS RATE	59.3%	46.2%	71.1%	75.0%	60.2%
2001	349	9	36	8	402
FAIL	165	2	13	3	183
PASS	184	7	23	5	219
FAIL RATE	47.3%	22.2%	36.1%	37.5%	45.5%
PASS RATE	52.7%	77.8%	63.9%	62.5%	54.5%
2002	1311	20	37	15	1383
FAIL	978	8	9	8	1003
PASS	333	12	28	7	380

SUBSEQUENT RETEST BY MY		PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
	FAIL RATE	74.6%	40.0%	24.3%	53.3%	72.5%
	PASS RATE	25.4%	60.0%	75.7%	46.7%	27.5%
2003		304	10	13	1	328
	FAIL	119	4	1	1	125
	PASS	185	6	12		203
	FAIL RATE	39.1%	40.0%	7.7%	100.0%	38.1%
	PASS RATE	60.9%	60.0%	92.3%	0.0%	61.9%
2004		376	17	27	7	427
	FAIL	131	3	7	3	144
	PASS	245	14	20	4	283
	FAIL RATE	34.8%	17.6%	25.9%	42.9%	33.7%
	PASS RATE	65.2%	82.4%	74.1%	57.1%	66.3%
2005		222	12	9	4	247
	FAIL	87	4	2	2	95
	PASS	135	8	7	2	152
	FAIL RATE	39.2%	33.3%	22.2%	50.0%	38.5%
	PASS RATE	60.8%	66.7%	77.8%	50.0%	61.5%
2006		322	18	15	9	364
	FAIL	114	8	5	4	131
	PASS	208	10	10	5	233
	FAIL RATE	35.4%	44.4%	33.3%	44.4%	36.0%
	PASS RATE	64.6%	55.6%	66.7%	55.6%	64.0%
2007		147	7	13	2	169
	FAIL	48	1	3	1	53
	PASS	99	6	10	1	116
	FAIL RATE	32.7%	14.3%	23.1%	50.0%	31.4%
	PASS RATE	67.3%	85.7%	76.9%	50.0%	68.6%
2008		212	5	18	2	237
	FAIL	61	2	3		66
	PASS	151	3	15	2	171
	FAIL RATE	28.8%	40.0%	16.7%	0.0%	27.8%
	PASS RATE	71.2%	60.0%	83.3%	100.0%	72.2%
2009		48	1	2		51
	FAIL	10				10
	PASS	38	1	2		41
	FAIL RATE	20.8%	0.0%	0.0%	#DIV/o!	19.6%
	PASS RATE	79.2%	100.0%	100.0%	#DIV/o!	80.4%
2010		87	5	5	1	98
	FAIL	19	3			22
	PASS	68	2	5	1	76
	FAIL RATE	21.8%	60.0%	0.0%	0.0%	22.4%
	PASS RATE	78.2%	40.0%	100.0%	100.0%	77.6%

<i>SUBSEQUENT RETEST BY MY</i>	<i>PASSENGER CAR</i>	<i>SUV</i>	<i>TRUCK</i>	<i>VAN</i>	<i>GRAND TOTAL</i>
<i>2011</i>	32		2	1	35
<i>FAIL</i>	12				12
<i>PASS</i>	20		2	1	23
<i>FAIL RATE</i>	37.5%	#DIV/o!	0.0%	0.0%	34.3%
<i>PASS RATE</i>	62.5%	#DIV/o!	100.0%	100.0%	65.7%
<i>2012</i>	40	2	1		43
<i>FAIL</i>	6				6
<i>PASS</i>	34	2	1		37
<i>FAIL RATE</i>	15.0%	0.0%	0.0%	#DIV/o!	14.0%
<i>PASS RATE</i>	85.0%	100.0%	100.0%	#DIV/o!	86.0%
<i>2013</i>	14		2	1	17
<i>FAIL</i>	4				4
<i>PASS</i>	10		2	1	13
<i>FAIL RATE</i>	28.6%	#DIV/o!	0.0%	0.0%	23.5%
<i>PASS RATE</i>	71.4%	#DIV/o!	100.0%	100.0%	76.5%
<i>2014</i>	9	2	1	3	15
<i>FAIL</i>	5	1		2	8
<i>PASS</i>	4	1	1	1	7
<i>FAIL RATE</i>	55.6%	50.0%	0.0%	66.7%	53.3%
<i>PASS RATE</i>	44.4%	50.0%	100.0%	33.3%	46.7%
<i>2015</i>	1				1
<i>FAIL</i>					
<i>PASS</i>	1				1
<i>FAIL RATE</i>	0.0%	#DIV/o!	#DIV/o!	#DIV/o!	0.0%
<i>PASS RATE</i>	100.0%	#DIV/o!	#DIV/o!	#DIV/o!	100.0%
<i>GRAND TOTAL</i>	4567	151	354	77	5149
<i>FAIL</i>	2245	59	112	35	2451
<i>PASS</i>	2322	92	242	42	2698
<i>FAIL RATE</i>	49.2%	39.1%	31.6%	45.5%	47.6%
<i>PASS RATE</i>	50.8%	60.9%	68.4%	54.5%	52.4%

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, 2017, the repair cost limit for all model year vehicles subject to testing was \$872. The waiver repair cost limit was adjusted to \$879 on July 1, 2017. This figure is adjusted annually by the DNR per NR 485.045.

The following chart illustrates the cost waivers granted in 2017 by model year. Since even model year vehicles were tested in 2017, they account for the majority of the waivers.

MODEL YEAR	INITIAL FAIL	COST WAIVER	DIAGNOSTIC WAIVER	GRAND TOTAL	WAIVER RATE
1996	1013	2	4	6	0.6%
PASSENGER CAR	725		4	4	0.6%
SUV	73				0.0%
TRUCK	189	1		1	0.5%
VAN	26	1		1	3.8%
1997	549	1		1	0.2%
PASSENGER CAR	372	1		1	0.3%
SUV	69				0.0%
TRUCK	94				0.0%
VAN	14				0.0%
1998	2004	5	10	15	0.7%
PASSENGER CAR	1510	4	9	13	0.9%
SUV	129				0.0%
TRUCK	323				0.0%
VAN	42	1	1	2	4.8%
1999	1010	3		3	0.3%
PASSENGER CAR	754	1		1	0.1%
SUV	128				0.0%
TRUCK	98				0.0%
VAN	30	2		2	6.7%
2000	3262	11	2	13	0.4%
PASSENGER CAR	2635	3		3	0.1%
SUV	160	3		3	1.9%
TRUCK	381	2		2	0.5%
VAN	86	3	2	5	5.8%
2001	1660	16		16	1.0%
PASSENGER CAR	1279	8		8	0.6%
SUV	157	5		5	3.2%
TRUCK	123	1		1	0.8%
VAN	101	2		2	2.0%
2002	4668	24		24	0.5%
PASSENGER CAR	3850	13		13	0.3%
SUV	293	5		5	1.7%
TRUCK	406				0.0%
VAN	119	6		6	5.0%
2003	1509	14	1	15	1.0%
PASSENGER CAR	1177	5		5	0.4%
SUV	154	6		6	3.9%
TRUCK	102	1	1	2	2.0%
VAN	76	2		2	2.6%
2004	4016	13	3	16	0.4%

MODEL YEAR	INITIAL FAIL	COST WAIVER	DIAGNOSTIC WAIVER	GRAND TOTAL	WAIVER RATE
PASSENGER CAR	3279	4	2	6	0.2%
SUV	295	6		6	2.0%
TRUCK	370		1	1	0.3%
VAN	72	3		3	4.2%
2005	1235	3	1	4	0.3%
PASSENGER CAR	962	1	1	2	0.2%
SUV	146	1		1	0.7%
TRUCK	57				0.0%
VAN	70	1		1	1.4%
2006	3613	13	1	14	0.4%
PASSENGER CAR	3050	5	1	6	0.2%
SUV	219	5		5	2.3%
TRUCK	224	3		3	1.3%
VAN	120				0.0%
2007	933	6	3	9	1.0%
PASSENGER CAR	708	3		3	0.4%
SUV	93	2		2	2.2%
TRUCK	78		3	3	3.8%
VAN	54	1		1	1.9%
2008	2443	4	2	6	0.2%
PASSENGER CAR	2018		2	2	0.1%
SUV	140	3		3	2.1%
TRUCK	218				0.0%
VAN	67	1		1	1.5%
2009	375	4	1	5	1.3%
PASSENGER CAR	299	3		3	1.0%
SUV	39		1	1	2.6%
TRUCK	26	1		1	3.8%
VAN	11				0.0%
2010	1207	5	1	6	0.5%
PASSENGER CAR	1008	1		1	0.1%
SUV	66	1	1	2	3.0%
TRUCK	94				0.0%
VAN	39	3		3	7.7%
2011	355				0.0%
PASSENGER CAR	284				0.0%
SUV	34				0.0%
TRUCK	24				0.0%
VAN	13				0.0%
2012	871	1		1	0.1%
PASSENGER CAR	658				0.0%

MODEL YEAR	INITIAL FAIL	COST WAIVER	DIAGNOSTIC WAIVER	GRAND TOTAL	WAIVER RATE
SUV	90	1		1	1.1%
TRUCK	83				0.0%
VAN	40				0.0%
2013	117				0.0%
PASSENGER CAR	85				0.0%
SUV	9				0.0%
TRUCK	16				0.0%
VAN	7				0.0%
2014	536				0.0%
PASSENGER CAR	353				0.0%
SUV	82				0.0%
TRUCK	40				0.0%
VAN	61				0.0%
2015	27				0.0%
PASSENGER CAR	19				0.0%
SUV	4				0.0%
TRUCK	3				0.0%
VAN	1				0.0%
2016	9				0.0%
PASSENGER CAR	8				0.0%
SUV	1				0.0%
TRUCK					
VAN					
2017	4				0.0%
PASSENGER CAR	4				0.0%
SUV					0.0%
TRUCK					#DIV/o!
VAN					#DIV/o!
GRAND TOTAL	31416	125	29	154	0.5%
PASSENGER CAR	25,037	52	15	67	0.3%
SUV	2,381	38	2	40	1.7%
TRUCK	2,949	8	5	13	0.4%
VAN	1,049	25	3	28	2.7%

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	725	326	73	37	189	69	26	13	1,013	445
1997	372	208	69	43	94	41	14	7	549	299
1998	1,510	666	129	75	323	105	42	22	2,004	868
1999	754	411	128	84	98	38	30	19	1,010	552
2000	2,635	1,056	160	70	381	116	86	48	3,262	1,290
2001	1,279	722	157	78	123	55	101	66	1,660	921
2002	3,850	1,441	293	136	406	113	119	65	4,668	1,755
2003	1,177	635	154	81	102	41	76	46	1,509	803
2004	3,279	1,133	295	111	370	88	72	26	4,016	1,358
2005	962	456	146	70	57	18	70	33	1,235	577
2006	3,050	930	219	77	224	46	120	34	3,613	1,087
2007	708	309	93	39	78	22	54	26	933	396
2008	2,018	511	140	42	218	56	67	16	2,443	625
2009	299	126	39	17	26	8	11	6	375	157
2010	1,008	230	66	17	94	25	39	8	1,207	280
2011	284	69	34	10	24	8	13	5	355	92
2012	658	129	90	20	83	22	40	4	871	175
2013	85	41	9	3	16	3	7	2	117	49
2014	353	41	82	14	40	9	61	12	536	76
2015	19	6	4	4	3	3			26	13
2016	8	4							8	4
2017	4	3							4	3
GRAND TOTAL	25,037	9,453	2,380	1,028	2,949	886	1,048	458	31,414	11,825

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	8,518	606	2,341	251	11,716
FAIL	924	79	250	28	1,281
PASS	7,594	527	2,091	223	10,435
FAIL RATE	10.8%	13.0%	10.7%	11.2%	10.9%
PASS RATE	89.2%	87.0%	89.3%	88.8%	89.1%
1997	3,797	359	990	146	5,292
FAIL	530	80	134	17	761
PASS	3,267	279	856	129	4,531
FAIL RATE	14.0%	22.3%	13.5%	11.6%	14.4%
PASS RATE	86.0%	77.7%	86.5%	88.4%	85.6%
1998	16,028	959	4,012	424	21,423
FAIL	1,860	147	386	51	2,444
PASS	14,168	812	3,626	373	18,979
FAIL RATE	11.6%	15.3%	9.6%	12.0%	11.4%
PASS RATE	88.4%	84.7%	90.4%	88.0%	88.6%
1999	6,644	775	1,272	299	8,990
FAIL	1,070	143	120	42	1,375
PASS	5,574	632	1,152	257	7,615
FAIL RATE	16.1%	18.5%	9.4%	14.0%	15.3%
PASS RATE	83.9%	81.5%	90.6%	86.0%	84.7%
2000	29,362	1,672	5,713	1,002	37,749
FAIL	3,186	184	436	96	3,902
PASS	26,176	1,488	5,277	906	33,847
FAIL RATE	10.9%	11.0%	7.6%	9.6%	10.3%
PASS RATE	89.1%	89.0%	92.4%	90.4%	89.7%
2001	9,868	997	1,642	471	12,978
FAIL	1,746	165	164	114	2,189
PASS	8,122	832	1,478	357	10,789
FAIL RATE	17.7%	16.5%	10.0%	24.2%	16.9%
PASS RATE	82.3%	83.5%	90.0%	75.8%	83.1%
2002	44,399	3,103	7,201	1,238	55,941
FAIL	5,430	322	455	132	6,339
PASS	38,969	2,781	6,746	1,106	49,602
FAIL RATE	12.2%	10.4%	6.3%	10.7%	11.3%

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL	
	PASS RATE	87.8%	89.6%	93.7%	89.3%	88.7%
2003		12,854	1,750	1,717	584	16,905
	FAIL	1,560	170	116	80	1,926
	PASS	11,294	1,580	1,601	504	14,979
	FAIL RATE	12.1%	9.7%	6.8%	13.7%	11.4%
	PASS RATE	87.9%	90.3%	93.2%	86.3%	88.6%
2004		52,561	4,106	7,909	1,337	65,913
	FAIL	3,843	324	410	82	4,659
	PASS	48,718	3,782	7,499	1,255	61,254
	FAIL RATE	7.3%	7.9%	5.2%	6.1%	7.1%
	PASS RATE	92.7%	92.1%	94.8%	93.9%	92.9%
2005		14,449	1,987	1,581	915	18,932
	FAIL	1,264	162	65	72	1,563
	PASS	13,185	1,825	1,516	843	17,369
	FAIL RATE	8.7%	8.2%	4.1%	7.9%	8.3%
	PASS RATE	91.3%	91.8%	95.9%	92.1%	91.7%
2006		60,913	3,830	6,591	1,961	73,295
	FAIL	3,508	239	240	130	4,117
	PASS	57,405	3,591	6,351	1,831	69,178
	FAIL RATE	5.8%	6.2%	3.6%	6.6%	5.6%
	PASS RATE	94.2%	93.8%	96.4%	93.4%	94.4%
2007		14,622	2,157	1,749	700	19,228
	FAIL	897	99	90	60	1,146
	PASS	13,725	2,058	1,659	640	18,082
	FAIL RATE	6.1%	4.6%	5.1%	8.6%	6.0%
	PASS RATE	93.9%	95.4%	94.9%	91.4%	94.0%
2008		64,635	4,505	7,381	1,675	78,196
	FAIL	2,293	147	236	74	2,750
	PASS	62,342	4,358	7,145	1,601	75,446
	FAIL RATE	3.5%	3.3%	3.2%	4.4%	3.5%
	PASS RATE	96.5%	96.7%	96.8%	95.6%	96.5%
2009		9,602	1,116	928	333	11,979
	FAIL	352	40	30	11	433
	PASS	9,250	1,076	898	322	11,546
	FAIL RATE	3.7%	3.6%	3.2%	3.3%	3.6%
	PASS RATE	96.3%	96.4%	96.8%	96.7%	96.4%
2010		54,708	3,425	5,617	1,171	64,921
	FAIL	1,126	75	102	40	1,343
	PASS	53,582	3,350	5,515	1,131	63,578
	FAIL RATE	2.1%	2.2%	1.8%	3.4%	2.1%
	PASS RATE	97.9%	97.8%	98.2%	96.6%	97.9%
2011		11,061	2,005	1,575	499	15,140

MODEL YEAR	PASSENGER CAR	SUV	TRUCK	VAN	GRAND TOTAL
FAIL	321	34	25	14	394
PASS	10,740	1,971	1,550	485	14,746
FAIL RATE	2.9%	1.7%	1.6%	2.8%	2.6%
PASS RATE	97.1%	98.3%	98.4%	97.2%	97.4%
2012	63,597	7,735	7,041	2,088	80,461
FAIL	710	91	86	41	928
PASS	62,887	7,644	6,955	2,047	79,533
FAIL RATE	1.1%	1.2%	1.2%	2.0%	1.2%
PASS RATE	98.9%	98.8%	98.8%	98.0%	98.8%
2013	4,868	985	723	391	6,967
FAIL	101	9	18	7	135
PASS	4,767	976	705	384	6,832
FAIL RATE	2.1%	0.9%	2.5%	1.8%	1.9%
PASS RATE	97.9%	99.1%	97.5%	98.2%	98.1%
2014	39,297	25,098	7,851	6,418	78,664
FAIL	367	84	41	65	557
PASS	38,930	25,014	7,810	6,353	78,107
FAIL RATE	0.9%	0.3%	0.5%	1.0%	0.7%
PASS RATE	99.1%	99.7%	99.5%	99.0%	99.3%
2015	1,930	1,381	345	277	3,933
FAIL	20	4	3	1	28
PASS	1,910	1,377	342	276	3,905
FAIL RATE	1.0%	0.3%	0.9%	0.4%	0.7%
PASS RATE	99.0%	99.7%	99.1%	99.6%	99.3%
2016	537	265	78	66	946
FAIL	8	1			9
PASS	529	264	78	66	937
FAIL RATE	1.5%	0.4%	0.0%	0.0%	1.0%
PASS RATE	98.5%	99.6%	100.0%	100.0%	99.0%
2017	120	53	14	9	196
FAIL	4				4
PASS	116	53	14	9	192
FAIL RATE	3.3%	0.0%	0.0%	0.0%	2.0%
PASS RATE	96.7%	100.0%	100.0%	100.0%	98.0%
2018	33	1		1	35
FAIL					
PASS	33	1		1	35
FAIL RATE	0.0%	0.0%	#DIV/o!	0.0%	0.0%
PASS RATE	100.0%	100.0%	#DIV/o!	100.0%	100.0%
GRAND TOTAL	524,403	68,870	74,271	22,256	689,800
FAIL	31,120	2,599	3,407	1,157	38,283
PASS	493,283	66,271	70,864	21,099	651,517

<i>MODEL YEAR</i>	<i>PASSENGER CAR</i>	<i>SUV</i>	<i>TRUCK</i>	<i>VAN</i>	<i>GRAND TOTAL</i>
<i>FAIL RATE</i>	5.9%	3.8%	4.6%	5.2%	5.5%
<i>PASS RATE</i>	94.1%	96.2%	95.4%	94.8%	94.5%

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

<i>MODEL YEAR</i>	<i>PASSENGER CAR</i>	<i>SUV</i>	<i>GRAND TOTAL</i>
1996	2		2
1998	1		1
2000	4	1	5
2004	3		3
2006	3		3
2010	1		1
GRAND TOTAL	14	1	15

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	863	60	323	27	1,273
1997	479	42	108	20	649
1998	1,732	127	542	62	2,463
1999	814	113	162	36	1,125
2000	3,075	193	674	113	4,055
2001	1,272	120	172	38	1,602
2002	4,886	361	726	139	6,112
2003	1,589	198	209	68	2,064
2004	5,600	461	658	193	6,912
2005	1,646	218	149	122	2,135
2006	5,961	381	480	204	7,026
2007	1,332	173	117	71	1,693
2008	4,211	296	495	142	5,144
2009	561	58	46	26	691
2010	2,289	156	238	93	2,776
2011	525	65	69	44	703
2012	1,780	220	181	96	2,277
2013	149	22	24	14	209
2014	667	397	168	120	1,352
2015	28	13	5	5	51
2016	13	5	1	1	20
2017	3	1		1	5
2018	2				2
GRAND TOTAL	39,477	3,680	5,547	1,635	50,339

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

<i>MODEL YEAR</i>	<i>PASSENGER CAR</i>	<i>SUV</i>	<i>TRUCK</i>	<i>VAN</i>	<i>GRAND TOTAL</i>
1996	874	80	247	25	1,226
1997	519	72	134	17	742
1998	1,813	144	386	55	2,398
1999	1,036	140	126	49	1,351
2000	3,064	175	439	119	3,797
2001	1,700	160	169	115	2,144
2002	5,195	311	460	156	6,122
2003	1,535	170	121	88	1,914
2004	3,730	314	468	106	4,618
2005	1,238	160	90	88	1,576
2006	3,409	232	304	190	4,135
2007	869	94	88	58	1,109
2008	2,245	144	225	72	2,686
2009	339	39	30	10	418
2010	1,094	72	98	38	1,302
2011	318	31	24	14	387
2012	681	89	84	39	893
2013	97	9	18	7	131
2014	355	76	38	65	534
2015	20	4	3		27
2016	8	1			9
2017	4				4
GRAND TOTAL	30,143	2,517	3,552	1,311	37,523

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	7,734	515	1,977	192	10,418
1997	3,377	298	847	121	4,643
1998	14,685	794	3,519	332	19,330
1999	5,867	617	1,116	241	7,841
2000	26,343	1,468	4,958	814	33,583
2001	9,771	952	1,680	395	12,798
2002	41,463	2,875	6,773	1,092	52,203
2003	12,157	1,572	1,580	504	15,813
2004	48,560	3,750	7,572	1,092	60,974
2005	13,608	1,815	1,519	790	17,732
2006	56,345	3,492	6,235	1,604	67,676
2007	13,794	2,061	1,721	617	18,193
2008	61,516	4,305	7,199	1,565	74,585
2009	9,323	1,087	957	319	11,686
2010	53,166	3,314	5,538	1,101	63,119
2011	10,703	1,980	1,606	476	14,765
2012	62,695	7,581	7,078	2,042	79,396
2013	4,841	970	763	413	6,987
2014	38,938	24,834	7,932	6,350	78,054
2015	1,931	1,373	345	276	3,925
2016	529	265	82	65	941
2017	119	54	16	8	197
2018	33	1		1	35
GRAND TOTAL	497,498	65,973	71,013	20,410	654,894

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	1,062	54	306	33	1,455
1997	691	67	167	20	945
1998	2,478	134	513	48	3,173
1999	1,308	135	172	42	1,657
2000	3,569	199	508	89	4,365
2001	3,607	294	470	135	4,506
2002	9,572	546	965	243	11,326
2003	2,916	235	235	125	3,511
2004	6,155	492	952	133	7,732
2005	2,342	243	211	118	2,914
2006	5,476	342	553	140	6,511
2007	1,549	196	182	59	1,986
2008	3,644	261	552	115	4,572
2009	679	66	109	24	878
2010	1,892	124	266	65	2,347
2011	463	72	139	38	712
2012	1,515	149	288	89	2,041
2013	217	16	89	46	368
2014	623	169	299	105	1,196
2015	34	7	5	4	50
2016	10	4	6		20
2017	5	2	1		8
2018	2				2
GRAND TOTAL	49,809	3,807	6,988	1,671	62,275

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 approximately 200 stations and five technical assistance centers. The Private Inspection facilities are listed below.

PRIVATE INSPECTION FACILITIES OPERATING ON DECEMBER 31, 2017

<i>WIST</i>	<i>COMPANY</i>	<i>ADDRESS</i>	<i>CITY</i>	<i>ZIP</i>
<i>WIST3003</i>	<i>ACCELERATED AUTO SERVICE</i>	<i>667 W. STATE ST.</i>	<i>BURLINGTON</i>	<i>53105</i>
<i>WIST1003</i>	<i>ALLENTON SERVICE</i>	<i>5908 HILLCREST DR.</i>	<i>ALLENTON</i>	<i>53002</i>
<i>WIST7020</i>	<i>AMERICAN MUFFLER & AUTOMOTIVE</i>	<i>1008 S. PINE ST.</i>	<i>BURLINGTON</i>	<i>53105</i>
<i>WIST6042</i>	<i>AMPORT AUTOMOTIVE</i>	<i>1324 WHITE ROCK AVE.</i>	<i>WAUKESHA</i>	<i>53186</i>
<i>WIST6007</i>	<i>ANDERSON AUTOMOTIVE</i>	<i>240 HIGHLAND DR.</i>	<i>FREDONIA</i>	<i>53021</i>
<i>WISTT003</i>	<i>AUTO ANALYZERS (TAC)</i>	<i>8404 W. GREENFIELD AVE.</i>	<i>WEST ALLIS</i>	<i>53214</i>
<i>WIST2019</i>	<i>AUTOMOTIVE SOLUTIONS</i>	<i>215 KLEIN LANE</i>	<i>SAUKVILLE</i>	<i>53080</i>
<i>WIST7115</i>	<i>BLACK TIE AUTO SERVICES</i>	<i>584 W 21172 JANESVILLE RD</i>	<i>MUSKEGO</i>	<i>53150</i>
<i>WIST4009</i>	<i>BLUEMOUND AUTO SERVICE</i>	<i>6000 W. BLUEMOUND RD</i>	<i>WAUWATOSA</i>	<i>53213</i>
<i>WIST4045</i>	<i>BOB'S MAIN STREET AUTO & TOW</i>	<i>1200 N MAIN ST</i>	<i>WEST BEND</i>	<i>53090</i>
<i>WIST5008</i>	<i>BOB'S MAIN STREET AUTO & TOW</i>	<i>115 W. DECORAH RD</i>	<i>WEST BEND</i>	<i>53095</i>
<i>WIST7121</i>	<i>BOUCHER HYUNDAI</i>	<i>1583 E MORELAND BLVD</i>	<i>WAUKESHA</i>	<i>53186</i>
<i>WIST7132</i>	<i>BROWN DEER TIRE & AUTO</i>	<i>4730 W BRADLEY RD</i>	<i>BROWN DEER</i>	<i>53223</i>
<i>WIST1012</i>	<i>BUTLER AUTO BODY</i>	<i>4830 N. 125TH ST.</i>	<i>BUTLER</i>	<i>53007</i>
<i>WIST7131</i>	<i>CAR CORNER</i>	<i>2100 RAPIDS DR</i>	<i>RACINE</i>	<i>53404</i>
<i>WIST3015</i>	<i>CARLTON AUTOMOTIVE INC.</i>	<i>39 CENTER AVE.</i>	<i>OOSTBURG</i>	<i>53070</i>
<i>WIST5049</i>	<i>CHRIS AUTO SERVICE</i>	<i>14000 W. GREENFIELD AVE.</i>	<i>BROOKFIELD</i>	<i>53005</i>
<i>WIST6004</i>	<i>CHUCK'S MAIN ST. AUTO</i>	<i>N64 W 23876 MAIN ST.</i>	<i>SUSSEX</i>	<i>53089</i>
<i>WIST5055</i>	<i>CURRIEPARK AUTO CENTER</i>	<i>10745 W. CAPITOL DR.</i>	<i>WAUWATOSA</i>	<i>53222</i>

WIST	COMPANY	ADDRESS	CITY	ZIP
WIST5040	DADS AUTO SERVICE	598W12575 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
WIST5015	DURAND AUTOMOTIVE CENTER	1623 DURAND AVE.	RACINE	53403
WIST3021	ERIC VON SCHLEDORN	W4873 COUNTY ROAD RR	RANDOM LAKE	53075
WIST6033	ERIC VON SCHLEDORN	805 E GREEN BAY RD	SAUKVILLE	53080
WIST7018	ERNIE VON SCHLEDORN, INC.	N88W14167 MAIN ST.	MENOMONEE FALLS	53051
WIST2017	EWALD CHEVROLET	36833 E. WISCONSIN AVE	OCONOMOWOC	53066
WIST4040	EWALD VENUS FORD	2727 E. LAYTON AVE.	CUDAHY	53110
WIST7021	EXPERT CAR CARE INC.	6803 W. NATIONAL AVE.	WEST ALLIS	53214
WIST4017	F & F TIRE WORLD	2930 W. RAWSON AVE.	FRANKLIN	53132
WIST5009	F & F TIRE WORLD	410 N. MOORLAND RD	BROOKFIELD	53005
WIST5011	F & F TIRE WORLD	20120 BLUEMOUND RD.	BROOKFIELD	53045
WIST5041	FALLS AUTO TECH	N84W15859 APPLETON AVE.	MENOMONEE FALLS	53051
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
WIST7109	FAST TRACK - TAYLOR	3669 S. TAYLOR DR.	SHEBOYGAN	53081
WIST8006	FAST TRACK OIL CHANGE #09	5450 N PORT WASHINGTON RD	GLENDALE	53216
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

WIST	COMPANY	ADDRESS	CITY	ZIP
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
WIST5014	FRANK BOUCHER CHEVROLET CADILLAC	8600 WASHINGTON AVE.	RACINE	53406
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
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
WIST5078	JAZNARI AUTO REPAIR	2750 S. 14TH STREET	MILWAUKEE	53215
WISTT001	JERRY'S AUTO SERVICE INC. (TAC)	W229N2467 HWY F	WAUKESHA	53186
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
WIST4051	KASTENSON AUTO	21445 DURAND AVE	UNION GROVE	53182
WIST3029	KENO LUBE	7514 SHERIDAN, DR	KENOSHA	53143
WIST3014	KOMP TECH AUTOMOTIVE SERVICE	8832 W. GREENFIELD AVE.	WEST ALLIS	53214
WIST5012	KRUEGER'S AUTO TECH CENTER	W61N225 CARDINAL AVE.	CEDARBURG	53012
WIST4003	KUSCH'S AUTOMOTIVE	136 N. 120TH ST.	WAUWATOSA	53226

WIST	COMPANY	ADDRESS	CITY	ZIP
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
WIST6001	M & M CITGO	2101 DOUGLAS AVE.	RACINE	53402
WIST6021	MADDISON AUTOMOTIVE	210 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
WIST7133	MBS TIRE AND AUTO	2835 LATHROP AVE.	RACINE	53405
WIST4042	MEINEKE CAR CARE CENTER	4320 S 27TH ST	MILWAUKEE	53221
WIST3025	MEINEKE RACINE	6006 21ST STREET	RACINE	53406
WIST5077	MENOMONEE FALLS SUPERLUBE	N156 W8390 PILGRIM RD	MENOMONEE FALLS	53051
WIST6016	MERTENS AUTO SERVICE CENTER	389 MILWAUKEE AVE.	BURLINGTON	53105
WIST7103	MEYER MOTORS INC.	107 PLAZA LANE	PLYMOUTH	53073
WIST7025	MIDAS	N96W18375 HWY Q	MENOMONEE FALLS	53052
WIST8011	MIKE'S QUALITY AUTO	457 FALCON RIDGE DR	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
WIST5021	MONRO	5930 W. BLUEMOUND RD	MILWAUKEE	53213
WIST5036	MONRO	3849 S. 27TH ST.	MILWAUKEE	53221
WIST6012	MONRO	7500 W. LAYTON AVE.	GREENFIELD	53220

WIST	COMPANY	ADDRESS	CITY	ZIP
WIST6014	MONRO	6084 S. PACKARD AVE.	CUDAHY	53110
WIST5075	MUFFLER MAGIC	9055 N 76TH	MILWAUKEE	53223
WIST4056	MUFFLER MAGIC 60TH ST.	4357 N. 60TH ST.	MILWAUKEE	53216
WIST4055	MUNRO'S AUTO SERVICE	5048 S. 27TH	MILWAUKEE	53221
WIST7094	MUSKEGO TIRE & AUTO	573W16610 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
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
WIST1018	RAMSEY MOTORS	5900 S 27TH ST.	MILWAUKEE	53221
WIST7039	RICHFIELD SERVICE	1810 WOLF RD	RICHFIELD	53076
WIST5037	RICHLONNS TIRE & SERVICE CENTER	4440 S. 108TH ST.	GREENFIELD	53228
WIST7040	RICHLONNS TIRE & SERVICE CENTER	578W18755 JANESVILLE RD	MUSKEGO	53150
WIST7041	RICHLONNS TIRE & SERVICE CENTER	5131 S. 76TH ST.	GREENDALE	53129

WIST	COMPANY	ADDRESS	CITY	ZIP
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
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
WIST3028	RUSS DARROW SHEBOYGAN	5515 RACETRACK RD	SHEBOYGAN	53081
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
WISTT005	SCHAEFER SERVICE CENTER (TAC)	1130 E. COMMERCE BLVD	SLINGER	53086
WIST7080	SCHMIDT BROS FORD LINCOLN	925 E. GREEN BAY RD	SAUKVILLE	53080
WIST7083	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
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

WIST	COMPANY	ADDRESS	CITY	ZIP
WIST7123	TIRES PLUS - KENOSHA	7424 74TH PLACE	KENOSHA	53142
WIST2028	TIRES UNLIMITED AUTOMOTIVE SERVICE	1557 N. WISCONSIN ST.	PORT WASHINGTON	53074
WIST7064	TRUST TIRE	10432 N PORT WASHINGTON RD	MEQUON	53092
WIST7065	TWENTY FIRST CENTURY AUTO	5300 W. FOREST HOME AVE.	MILWAUKEE	53220
WIST6040	VALVOLINE-27TH ST	3360 S. 27TH ST.	MILWAUKEE	53221
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
WIST7046	WEIGMAN'S AUTOMOTIVE INC	7169 W. FOND DU LAC AVE.	MILWAUKEE	53218
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
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

PRIVATE INSPECTION FACILITIES DEACTIVATED IN 2017

DATE OF DEACTIVATION	STATION NUMBER	COMPANY	ADDRESS	CITY	ZIP
1/18/2017	WIST5061	ENGINE & TRANSMISSION EXCHANGE	1604 S. WEST AVE.	WAUKESHA	53189
1/20/2017	WIST1002	ENGINE & TRANSMISSION EXCHANGE	2727 S. 27TH ST.	MILWAUKEE	53215
2/15/2017	WIST5047	MONRO	1212 S. 108TH ST.	WEST ALLIS	53214
4/6/2017	WIST7015	MONRO	13190 W. CAPITOL DR.	BROOKFIELD	53005
4/14/2017	WIST7125	VALVOLINE-CAPITOL	7028 W CAPITOL DR	MILWAUKEE	53216
4/26/2017	WIST7128	TRI CITY HYUNDAI	6133 S. 27TH STREET	GREENFIELD	53221
5/30/2017	WIST7003	ANASTOS MOTORS INC.	4513 S. GREENBAY RD	KENOSHA	53144
6/23/2017	WIST4039	VAN HORN DODGE	3000 EASTERN AVE	PLYMOUTH	53073
7/3/2017	WIST7007	MIDAS	1230 S. GREEN BAY RD	RACINE	53406
7/3/2017	WIST7024	MIDAS	4500 52ND ST.	KENOSHA	53144
7/10/2017	WIST7079	KOPLIN TUNE & LUBE	7960 N. 76TH ST.	MILWAUKEE	53223
7/12/2017	WISTT002	ANAYA'S AUTO REPAIR (TAC)	2515 52ND ST.	KENOSHA	53140
7/19/2017	WIST1017	VALVOLINE-NORTH AVE.	1700 E NORTH AVE	MILWAUKEE	53202
7/26/2017	WIST7032	NORTH AVENUE FIRESTONE	4926 W. NORTH AVE.	MILWAUKEE	53208
10/25/2017	WIST6036	SUNSET AUTO SERVICE	1194 FOND DU LAC AVE	SHEBOYGAN FALLS	53085
10/25/17	WISTT006	CARLTON AUTOMOTIVE INC. (TAC)	39 CENTER AVE.	OOSTBURG	53070
10/31/17	WIST4004	JIM'S MOBIL SERVICE INC.	12401 W. CLEVELAND AVE.	NEW BERLIN	53151
10/31/2017	WIST7062	TIRES UNLIMITED AUTOMOTIVE SERVICE	1557 N. WISCONSIN ST.	PORT WASHINGTON	53074
11/10/17	WIST2023	AUTO DIAGNOSTICS	11321 W. GREENFIELD	WEST ALLIS	53214
11/15/17	WIST2014	MIDAS AUTO SERVICE CENTER	3706 W. WISCONSIN AVE.	MILWAUKEE	53208
11/15/17	WIST7027	MIDAS AUTO SERVICE CENTER	5811 W. CAPITOL DR.	MILWAUKEE	53216

TECHNICAL ASSISTANCE CENTERS

STATION NUMBER	COMPANY	ADDRESS	CITY	ZIP
WISTT001	Jerry's Auto Service Inc. (TAC)	W229N2467 Hwy F	Waukesha	53186
WISTT002	Anaya's Auto Repair (TAC)	2515 52 nd St.	Kenosha	53140
WISTT003	Auto Analyzers (TAC)	8404 W. Greenfield Ave.	West Allis	53214
WISTT005	Schaefer Service Center (TAC)	1130 E. Commerce Blvd	Slinger	53086
WISTT006	Carlton Automotive Inc. (TAC)	1318 Center St.	Oostburg	53070
WISTT007	Sunset Auto Service (TAC)	1194 Fond Du Lac Ave.	Sheboygan Falls	53085

OVERT AND COVERT PERFORMANCE AUDITS

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.

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

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

(i) Receiving overt performance audits in the year: 206

(ii) Not receiving overt audits in the year: 4

(iii) Receiving covert audits in the year: 209

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

(v) That have been shut down as a result of overt performance audits: 3

COVERT AUDITS

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

There were 678 covert audits conducted in 2017.

FINES, SUSPENSION OR TERMINATION DUE TO AUDIT FAILURES

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

5 inspectors and 2 stations were suspended, fined or prohibited from testing as a result of overt or covert audits.

10 inspectors and 0 stations 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 1,773 inspectors certified to conduct tests in 2017.

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 210 inspection sites available for testing in 2017.

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 4,032 equipment audits conducted in 2017.

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

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

There were 3 stations that failed equipment audits in 2017.

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 was 1 station that was 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 606,659 vehicles selected (model years: 1996, 1998, 2000, 2002, 2004, 2006, 2008, 2010 and 2012, 2014) for notification in 2017. There were an additional estimated 157,546 vehicles selected for notification at change of ownership, for an estimated 764,205 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, 645,623 vehicles receiving mandatory inspections in 2017 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 21,369 temporary plates issued in 2017. WisDOT Vehicle Emissions Inspection Unit issued 24 temporary exemptions, and DMV issued 3,167 temporary exemptions in 2017.

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.

There were 0 compliance surveys conducted in 2017.

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 2017, WisDOT personnel completed investigations on 454 vehicles that listed domicile outside of the program area, but were suspected of being kept in the program area. After receiving notification for WisDOT, 243 vehicles submitted to testing and received a passing result; 102 vehicles were suspended for failing to comply; 26 were junked or sold and 83 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.

There were 0 registration file audits conducted in 2017.

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

40 CFR 51.366 (a)(3)

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST1002	34	1	2	2	2	2		5	3	1	1
WIST1003	1,191	16	3	28	9	70	9	105	19	133	23
WIST1012	908	20	9	38	15	58	9	64	16	85	21
WIST1016	260	6	4	10	3	12	5	19	4	24	6
WIST1017	2,404	25	20	67	29	116	53	184	68	202	101
WIST1018	616	10	2	16	5	27	10	41	15	56	22
WIST2014	632	14	6	26	15	40	17	66	26	49	22
WIST2015	2,999	38	10	51	23	98	29	192	49	230	66
WIST2017	1,749	20	3	23	14	49	6	99	20	122	29
WIST2018	5,503	96	32	134	47	279	83	403	125	513	134
WIST2019	807	12	8	32	7	55	14	66	16	68	17
WIST2021	1,761	23	13	44	12	88	26	106	46	183	39
WIST2023	950	18	7	33	18	60	13	83	20	88	21
WIST2024	2,938	41	20	66	21	133	59	233	54	285	74
WIST2025	2,441	16	9	55	11	74	23	125	42	194	53
WIST2026	10,859	121	50	209	81	451	123	663	177	923	232
WIST2027	1,808	22	3	30	8	42	9	81	16	110	27
WIST2028	165	4	1	4	7	4	7	9	7	10	7
WIST3003	1,371	20	5	41	17	73	25	112	27	128	35
WIST3005	3,201	45	16	76	16	138	35	185	42	255	49
WIST3006	1,808	36	7	59	22	112	27	174	36	176	45
WIST3013	3,656	58	35	94	52	181	71	240	104	284	99
WIST3014	1,982	34	22	76	26	128	51	191	52	211	82
WIST3015	443	9	6	16	6	22	14	25	13	38	12
WIST3016	5,415	144	66	214	87	372	123	478	158	543	170
WIST3018	1,506	27	19	56	34	107	51	112	67	151	49
WIST3021	1,454	28	10	37	14	75	22	81	27	148	31
WIST3022	166	1	3	4	4	18	6	12	3	25	3
WIST3023	1,577	20	8	28	8	39	14	63	14	95	25
WIST3024	2,170	38	15	55	33	114	51	169	62	208	73
WIST3025	536	6	8	10	7	38	9	47	15	42	18
WIST3028	192	3		5	1	6	1	9	3	12	
WIST3029	543	4	4	17	6	25	11	40	12	44	16

40 CFR 51.366 (a)(3)

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST4002	1,083	12	7	33	12	41	11	85	19	109	19
WIST4003	3,661	60	16	100	34	181	51	283	65	307	78
WIST4004	3,006	41	9	81	26	159	38	266	50	321	70
WIST4006	6,686	81	32	155	31	261	69	449	97	582	143
WIST4009	2,410	33	8	55	13	99	31	165	44	227	46
WIST4014	939	21	9	30	5	53	15	91	25	92	19
WIST4017	4,226	52	14	80	24	159	36	304	59	382	72
WIST4019	1,714	42	13	78	18	122	35	175	54	185	56
WIST4026	2,499	31	5	47	8	89	13	111	23	189	38
WIST4031	3,810	83	43	157	64	259	84	369	88	383	126
WIST4032	6,363	151	101	291	224	493	261	619	323	652	294
WIST4039	410	6	2	14	2	29	5	25	10	27	6
WIST4040	2,224	25	7	43	11	93	14	159	29	153	32
WIST4042	5,149	110	47	193	80	339	125	485	157	565	186
WIST4043	10,334	204	109	376	147	656	228	914	317	1,001	384
WIST4044	6,938	121	70	210	151	407	208	545	261	673	297
WIST4045	2,264	44	10	66	23	126	37	154	45	188	58
WIST4048	3,393	45	30	69	28	165	39	222	52	339	83
WIST4049	944	13	2	36	9	49	8	81	15	76	25
WIST4050	2,324	33	10	40	19	104	16	166	23	208	37
WIST4051	2,707	46	17	111	25	128	49	223	63	310	68
WIST4053	163	1	3	9	1	10	1	29	3	17	6
WIST4054	2,834	71	15	93	22	145	41	185	51	293	79
WIST4055	1,189	13	13	39	17	71	17	94	30	113	34
WIST4056	118	2	3	7	3	5	8	12	7	12	4
WIST4057	477	4	4	10	5	18	8	35	21	40	10
WIST5003	2,546	55	25	72	44	113	83	168	74	209	100
WIST5004	2,828	37	12	50	19	103	23	170	48	231	61
WIST5005	1,731	45	12	66	17	116	21	172	50	180	44
WIST5008	7,708	112	51	260	86	423	124	606	147	726	189
WIST5009	1,263	12	5	19	2	36	7	56	12	108	8
WIST5011	4,052	34	7	77	21	112	25	198	52	311	56
WIST5012	2,552	40	10	66	17	136	28	180	28	241	59

40 CFR 51.366 (a)(3)

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST5014	7,505	120	39	188	69	308	85	495	124	615	141
WIST5015	2,713	63	42	111	60	204	83	281	71	307	98
WIST5017	1,869	33	12	70	19	98	36	163	48	181	36
WIST5021	1,093	24	6	35	9	64	18	88	26	87	29
WIST5023	602	6		17	8	25	15	33	15	63	18
WIST5029	7,675	90	37	179	67	334	93	507	119	640	162
WIST5036	713	20	5	29	11	45	14	49	16	68	27
WIST5037	1,865	27	8	44	17	67	17	124	19	181	43
WIST5040	1,370	34	7	53	14	84	16	124	26	143	34
WIST5041	1,647	21	2	42	7	79	15	117	17	151	25
WIST5044	748	8	1	14	4	24	2	26	6	60	17
WIST5045	367	7	4	16	4	26	7	40	6	31	9
WIST5047	1									1	
WIST5049	3,191	37	12	87	21	131	34	233	54	309	58
WIST5053	953	32	13	52	11	83	19	100	19	97	20
WIST5055	6,729	79	53	186	84	365	125	524	172	660	229
WIST5058	1,209	22	12	47	21	71	20	84	41	139	45
WIST5061	85		2	4	1	7	2	6	3	5	
WIST5066	4,081	74	35	166	45	274	67	370	114	448	103
WIST5069	10,685	202	156	369	277	749	395	1,030	503	1,124	563
WIST5071	9,345	164	79	296	137	477	171	759	203	903	281
WIST5074	4,990	63	44	141	52	261	86	354	111	439	150
WIST5075	888	11	12	28	15	51	30	80	42	75	43
WIST5076	5,897	117	41	179	90	340	94	508	146	593	193
WIST5077	2,524	29	8	62	16	101	33	170	35	220	50
WIST5078	131	4		6	4	8	2	10	3	17	3
WIST6001	9,091	235	94	456	170	694	208	893	256	950	323
WIST6004	5,371	53	22	126	41	193	61	321	75	509	108
WIST6007	845	19	7	37	15	64	3	73	28	84	18
WIST6012	620	12	6	11	6	38	6	39	9	60	13
WIST6013	2,378	16	9	58	8	107	27	161	31	238	50
WIST6014	1,107	21	5	32	16	65	23	90	22	103	33
WIST6016	2,157	33	8	69	33	109	29	178	37	203	56

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST6018	5,988	162	36	249	89	399	129	593	170	592	185
WIST6021	1,490	18	6	33	7	68	13	94	21	146	23
WIST6022	2,550	27	9	56	20	101	31	160	39	199	45
WIST6026	1,034	14	3	35	10	29	18	69	23	86	20
WIST6030	2,489	20	4	53	8	92	20	130	31	235	39
WIST6031	1,367	19	6	35	5	45	12	79	24	122	34
WIST6033	1,083	10	4	22	7	46	13	42	14	72	22
WIST6034	1,604	12	7	33	7	54	13	103	26	127	19
WIST6035	2,103	33	17	49	39	133	58	183	69	204	71
WIST6036	784	12	2	24	9	43	6	47	13	83	16
WIST6037	6,965	175	59	316	145	483	178	768	273	734	265
WIST6039	1,939	21	14	30	9	58	24	82	29	142	40
WIST6040	5,877	124	67	211	117	390	165	602	220	667	226
WIST6041	9,603	117	35	171	70	346	102	537	161	786	200
WIST6042	161	5		9	3	7	1	15	1	12	3
WIST7003	1,835	32	21	47	39	104	47	143	62	150	56
WIST7004	4,430	89	31	155	53	292	89	398	103	481	120
WIST7006	1,058	7	2	32	3	60	16	76	18	81	17
WIST7007	547	12	4	15	4	21	5	48	11	44	13
WIST7009	3,109	44	11	64	34	145	55	229	78	287	84
WIST7011	5,731	120	65	206	72	303	121	424	143	549	182
WIST7014	6,416	89	31	189	68	332	86	492	116	605	159
WIST7015	256	2		7		9	4	23	3	28	10
WIST7016	7,767	76	29	156	45	291	76	452	105	698	135
WIST7018	1,068	16	4	19	4	46	3	66	16	79	19
WIST7020	949	22	11	41	8	57	13	71	13	91	15
WIST7021	923	21	6	45	14	55	12	90	20	95	19
WIST7022	2,990	41	17	59	13	126	24	186	42	277	44
WIST7023	2,820	45	39	126	47	195	51	280	85	281	79
WIST7024	813	14	3	33	10	50	16	64	29	66	25
WIST7025	689	6	5	16	6	35	4	39	16	64	16
WIST7027	318	13	4	11	11	23	8	24	21	38	12
WIST7030	9,075	136	72	290	134	453	188	708	244	852	241

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST7031	950	6	2	12	3	34	10	58	13	81	18
WIST7032	524	17	8	16	14	32	17	52	27	49	31
WIST7033	5,446	139	42	235	114	412	122	517	152	558	170
WIST7036	5,320	113	62	218	112	376	117	459	183	573	152
WIST7039	1,528	16	7	31	12	69	17	95	28	132	25
WIST7040	3,285	36	15	78	22	140	41	235	54	303	64
WIST7041	4,678	63	20	106	33	243	61	368	78	418	115
WIST7042	8,747	128	36	248	57	444	98	627	185	823	179
WIST7044	4,187	56	20	107	42	204	47	287	63	360	78
WIST7045	5,941	87	34	157	72	250	75	397	87	566	143
WIST7046	2,818	84	54	135	77	239	78	271	111	326	121
WIST7049	2,336	40	11	53	7	105	19	130	37	196	37
WIST7052	8,001	92	46	183	65	335	90	472	125	685	181
WIST7053	2,276	40	19	61	34	134	33	173	55	215	65
WIST7054	1,148	24	3	40	10	67	20	107	25	120	24
WIST7055	5,083	100	31	184	68	309	94	453	109	514	117
WIST7056	4,486	65	31	121	43	251	53	366	99	439	119
WIST7061	1,219	21	8	43	12	61	24	109	21	132	24
WIST7062	2,562	28	18	60	23	147	23	195	36	275	43
WIST7064	4,628	51	6	88	23	130	19	246	46	370	59
WIST7065	5,949	133	55	222	109	355	122	598	181	654	186
WIST7067	1,475	20	4	33	10	68	11	116	18	145	29
WIST7068	3,408	38	12	72	33	164	40	242	63	317	67
WIST7069	5,430	82	34	136	36	210	59	352	91	519	125
WIST7070	2,147	24	12	38	7	86	25	147	33	195	37
WIST7071	3,720	48	23	112	43	167	47	312	74	341	88
WIST7072	3,685	55	18	83	28	172	39	279	75	308	74
WIST7073	4,050	68	40	124	78	203	86	348	119	370	122
WIST7074	12,721	337	168	607	295	1,002	415	1,528	516	1,430	562
WIST7075	2,596	51	15	92	29	138	35	235	49	258	40
WIST7076	7,067	74	42	178	47	274	71	465	108	639	138
WIST7078	3,290	58	5	68	23	122	40	219	45	235	62
WIST7079	978	22	13	45	17	58	29	78	33	113	45

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST7080	3,839	66	25	104	44	192	42	268	71	333	78
WIST7081	4,832	81	40	189	59	321	85	410	131	502	155
WIST7083	9,601	127	38	244	64	454	108	661	139	869	203
WIST7086	931	17	5	16	3	26	12	64	8	58	11
WIST7088	2,016	43	17	78	22	111	32	172	46	193	50
WIST7092	1,787	17	7	37	13	91	21	115	40	166	31
WIST7093	4,104	57	24	108	27	171	37	282	65	394	78
WIST7094	4,123	49	18	89	35	191	24	262	68	353	75
WIST7095	1,262	21	4	41	11	64	14	86	24	111	21
WIST7098	3,260	24	12	81	20	124	35	189	54	291	63
WIST7103	3,292	52	15	112	29	179	49	257	56	329	78
WIST7106	3,725	33	9	58	18	107	26	201	44	299	58
WIST7108	7,560	159	40	311	82	437	126	624	118	749	156
WIST7109	4,772	112	32	160	59	329	78	373	102	441	101
WIST7113	3,869	45	16	108	33	163	76	261	78	335	83
WIST7115	226	4	3	5	2	8	3	17	2	22	3
WIST7116	6,625	63	18	121	47	244	56	407	130	561	149
WIST7118	3,339	70	30	96	26	182	56	256	64	317	74
WIST7119	3,354	30	6	71	27	115	32	186	58	289	79
WIST7120	1,405	25	15	54	31	90	52	131	68	151	56
WIST7121	2,209	21	8	36	8	81	13	106	20	162	40
WIST7123	4,414	53	31	93	55	192	63	267	92	353	91
WIST7124	2,623	21	9	44	21	94	21	130	48	186	65
WIST7125	548	7	7	20	17	26	16	52	28	46	36
WIST7126	1,569	25	15	40	11	82	16	119	36	136	42
WIST7127	4,430	51	23	87	27	162	39	264	75	397	107
WIST7128	256	4		2		5	1	6	6	13	9
WIST7129	1,510	24	11	49	16	92	22	148	35	157	40
WIST7130	618	11	5	19	6	29	8	35	17	44	21
WIST7131	477	6	9	19	5	24	14	45	14	54	17
WIST7132	22		1		1	1	3		1		2
WIST7133	2								1		
WIST8001	1,562	16	9	38	9	73	19	92	18	156	24

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
WIST8002	6,062	61	17	112	29	204	48	347	86	512	120
WIST8003	39	8	1			3		1			1
WIST8004	11,055	359	222	568	314	890	468	1,263	525	1,213	543
WIST8005	5,231	61	43	121	81	250	125	350	198	501	172
WIST8006	12,965	148	91	294	166	560	252	817	353	1,185	381
WIST8007	5,930	100	40	162	65	325	105	441	140	547	152
WIST8008	3,197	66	54	141	83	272	105	318	136	304	119
WIST8009	2,659	39	12	64	19	121	32	193	45	218	60
WIST8011	5,817	81	23	177	60	310	94	450	118	526	130
WIST8016	299	5	1	8	2	10	6	18	5	30	5
WISTT001	3,105	38	13	81	15	127	32	200	37	307	57
WISTT002	411	5	4	18	7	32	9	56	10	46	12
WISTT003	4,816	84	50	193	69	320	119	480	177	468	161
WISTT005	3,093	31	15	81	27	117	38	229	48	264	72
WISTT006	2,629	38	10	89	20	143	34	203	51	298	56
WISTT007	175	5	1	4	3	9	3	12	3	19	5
Grand Total	654,190	10,565	4,565	19,365	7,716	33,997	10,948	50,025	14,964	61,327	17,303

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
WIST1002	34	1	3	5		1	2			3	
WIST1003	1,191	130	30	155	21	99	30	145	15	139	10
WIST1012	908	100	22	115	12	82	23	102	12	94	7
WIST1016	260	28	4	28	3	21	5	37	4	36	
WIST1017	2,404	231	95	285	66	236	61	256	43	262	3
WIST1018	616	73	27	70	26	54	18	66	13	56	5
WIST2014	632	68	20	62	9	54	24	47	4	60	1
WIST2015	2,999	304	74	369	65	366	77	435	41	447	27
WIST2017	1,749	163	40	217	33	211	32	293	19	329	20
WIST2018	5,503	672	151	653	82	538	147	659	57	657	31
WIST2019	807	72	31	88	15	78	14	91	8	112	3
WIST2021	1,761	202	54	207	35	178	33	219	12	233	5
WIST2023	950	87	23	111	18	82	15	112	7	131	2
WIST2024	2,938	318	83	346	55	280	70	408	35	334	14
WIST2025	2,441	253	73	279	43	272	66	382	44	402	19
WIST2026	10,859	1,132	248	1,370	180	1,240	242	1,597	101	1,653	48
WIST2027	1,808	142	42	185	24	229	42	339	26	392	34
WIST2028	165	9	8	15	7	5	7	16	11	13	13
WIST3003	1,371	161	29	171	25	133	24	164	9	158	11
WIST3005	3,201	297	55	414	45	393	79	436	47	547	26
WIST3006	1,808	164	44	217	25	153	31	208	24	240	6
WIST3013	3,656	376	123	434	83	339	131	442	75	391	27
WIST3014	1,982	200	68	203	39	176	44	199	21	143	8
WIST3015	443	32	20	51	11	35	16	53	11	34	18
WIST3016	5,415	560	163	611	111	423	131	521	40	462	27
WIST3018	1,506	159	87	178	28	97	33	139	13	96	3
WIST3021	1,454	136	38	189	15	142	38	196	25	174	22
WIST3022	166	7	4	26		10	8	11	4	10	1
WIST3023	1,577	141	39	155	30	218	50	259	18	326	20
WIST3024	2,170	221	67	251	39	211	52	241	27	230	9
WIST3025	536	49	18	64	9	47	15	50	7	75	1
WIST3028	192	14	3	17	5	17	4	35	1	46	10
WIST3029	543	60	13	47	9	58	12	76	5	81	3

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
WIST4002	1,083	113	21	157	16	105	29	130	12	143	5
WIST4003	3,661	406	86	448	64	403	70	489	38	456	21
WIST4004	3,006	328	61	392	37	311	41	390	12	361	8
WIST4006	6,686	754	126	885	102	709	146	926	70	1,000	54
WIST4009	2,410	253	65	316	47	252	49	342	21	324	16
WIST4014	939	89	18	102	7	87	18	122	7	119	8
WIST4017	4,226	445	101	583	76	455	92	592	43	629	25
WIST4019	1,714	194	58	167	28	126	35	141	15	163	6
WIST4026	2,499	209	48	295	46	336	70	432	48	412	29
WIST4031	3,810	433	124	366	70	307	69	375	29	352	25
WIST4032	6,363	636	276	578	112	357	132	433	51	349	15
WIST4039	410	37	14	61	3	43	5	58	5	57	
WIST4040	2,224	204	44	269	37	276	57	340	20	397	10
WIST4042	5,149	552	183	553	124	382	140	486	41	370	20
WIST4043	10,334	1,152	372	1,163	244	870	247	975	86	818	47
WIST4044	6,938	686	258	702	142	591	187	742	79	568	23
WIST4045	2,264	255	49	237	38	217	52	295	30	309	23
WIST4048	3,393	364	80	408	54	383	89	471	38	412	18
WIST4049	944	104	15	112	15	98	13	135	13	116	7
WIST4050	2,324	238	46	286	31	257	42	315	23	400	25
WIST4051	2,707	293	65	305	30	236	55	330	21	317	11
WIST4053	163	25	2	15	2	12	3	9	2	12	
WIST4054	2,834	308	79	351	50	287	50	360	27	312	12
WIST4055	1,189	113	26	121	29	129	24	133	14	150	8
WIST4056	118	16	5	8	1	10	2	6		7	
WIST4057	477	51	22	60	20	33	23	43	15	43	11
WIST5003	2,546	250	83	287	56	226	56	285	30	316	8
WIST5004	2,828	330	55	374	45	332	68	387	26	426	25
WIST5005	1,731	192	34	194	29	153	33	194	12	158	7
WIST5008	7,708	872	184	959	129	711	160	936	81	903	41
WIST5009	1,263	130	30	152	23	144	27	240	16	231	4
WIST5011	4,052	413	83	538	64	483	101	605	48	782	39
WIST5012	2,552	261	55	312	39	325	35	356	27	320	14

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
WIST5014	7,505	729	181	932	132	809	170	1,088	87	1,121	66
WIST5015	2,713	281	84	256	56	184	65	220	25	200	19
WIST5017	1,869	189	41	212	39	174	42	213	13	234	11
WIST5021	1,093	118	32	118	22	104	26	140	13	123	8
WIST5023	602	71	28	80	20	50	9	63	8	69	2
WIST5029	7,675	753	202	901	124	841	184	1,097	75	1,211	32
WIST5036	713	71	25	84	17	72	12	68	6	67	6
WIST5037	1,865	200	51	231	35	197	43	273	21	254	13
WIST5040	1,370	131	36	146	20	121	18	162	11	181	8
WIST5041	1,647	168	20	197	21	203	33	243	13	259	13
WIST5044	748	67	19	78	9	100	22	118	13	149	8
WIST5045	367	48	3	27	2	35	8	38	8	45	2
WIST5047	1										
WIST5049	3,191	350	73	396	48	380	71	400	35	432	25
WIST5053	953	106	18	106	6	77	18	71	6	95	4
WIST5055	6,729	765	246	796	108	664	181	687	82	674	35
WIST5058	1,209	117	41	148	14	87	25	133	19	114	6
WIST5061	85	9	2	5	4	6	7	7	2	12	
WIST5066	4,081	454	104	460	61	332	87	419	33	396	27
WIST5069	10,685	1,151	523	1,022	252	658	262	754	96	533	41
WIST5071	9,345	992	262	1,023	162	908	210	1,128	106	1,008	62
WIST5074	4,990	606	144	612	101	488	118	602	54	537	17
WIST5075	888	102	44	98	20	62	24	69	14	60	3
WIST5076	5,897	627	176	652	134	538	117	670	59	595	15
WIST5077	2,524	275	54	342	38	294	59	343	29	339	20
WIST5078	131	13	9	14	1	10	2	7	2	14	2
WIST6001	9,091	942	253	919	145	683	150	829	72	770	36
WIST6004	5,371	584	118	730	77	635	111	745	54	772	31
WIST6007	845	100	24	88	6	83	20	83	6	86	1
WIST6012	620	77	14	83	7	68	10	85	2	66	6
WIST6013	2,378	276	49	283	34	274	46	349	22	324	12
WIST6014	1,107	127	36	116	20	100	22	120	4	145	2
WIST6016	2,157	217	51	235	45	219	38	250	33	303	9

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
WIST6018	5,988	667	169	598	87	482	119	582	49	587	39
WIST6021	1,490	161	29	208	19	159	32	214	11	215	8
WIST6022	2,550	256	58	322	33	284	59	391	29	410	18
WIST6026	1,034	75	30	124	9	97	30	161	12	178	7
WIST6030	2,489	230	61	308	38	293	65	417	37	379	27
WIST6031	1,367	155	34	161	16	125	36	211	10	229	7
WIST6033	1,083	96	16	122	19	118	30	196	7	217	9
WIST6034	1,604	186	29	172	32	181	39	240	15	285	20
WIST6035	2,103	241	70	245	32	165	40	223	25	194	10
WIST6036	784	85	14	89	13	76	13	113	1	123	2
WIST6037	6,965	729	250	605	118	514	143	610	47	518	27
WIST6039	1,939	168	52	227	27	222	50	328	48	345	14
WIST6040	5,877	595	238	590	139	480	155	451	27	379	18
WIST6041	9,603	964	191	1,197	170	1,074	203	1,554	122	1,517	68
WIST6042	161	25	7	14	5	14	7	16		16	1
WIST7003	1,835	188	62	186	31	156	56	221	25	206	1
WIST7004	4,430	473	109	492	65	402	94	502	44	404	25
WIST7006	1,058	88	29	118	13	104	24	167	7	179	14
WIST7007	547	58	15	61	12	55	8	80	6	73	1
WIST7009	3,109	326	109	352	57	285	88	393	43	383	26
WIST7011	5,731	543	146	631	101	479	122	680	50	748	39
WIST7014	6,416	689	182	785	119	623	152	776	55	813	44
WIST7015	256	28	5	27	9	28	7	23	3	37	3
WIST7016	7,767	833	160	992	116	900	165	1,131	91	1,244	58
WIST7018	1,068	94	28	132	13	106	22	179	18	182	16
WIST7020	949	110	20	100	9	86	20	124	5	129	4
WIST7021	923	102	32	107	14	74	25	91	6	94	1
WIST7022	2,990	319	58	378	43	313	52	468	45	449	30
WIST7023	2,820	317	79	312	55	261	56	253	22	228	7
WIST7024	813	96	19	80	15	80	16	92	7	97	1
WIST7025	689	67	17	97	16	75	18	75	10	100	6
WIST7027	318	29	23	26	8	13	6	21	4	19	3
WIST7030	9,075	933	272	1,030	167	854	192	1,060	95	1,083	54

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
WIST7031	950	86	24	116	16	127	20	164	11	138	10
WIST7032	524	52	29	38	13	28	16	35	7	38	5
WIST7033	5,446	576	168	578	92	454	127	477	47	448	15
WIST7036	5,320	561	186	536	94	421	103	505	29	492	17
WIST7039	1,528	185	42	189	18	162	36	193	22	228	16
WIST7040	3,285	377	69	439	52	319	64	447	31	472	23
WIST7041	4,678	498	105	532	78	506	102	652	51	609	31
WIST7042	8,747	948	213	1,089	131	947	157	1,141	77	1,172	43
WIST7044	4,187	472	106	505	72	430	112	581	41	574	24
WIST7045	5,941	627	131	745	92	615	146	774	68	833	38
WIST7046	2,818	296	109	285	48	176	49	181	26	141	8
WIST7049	2,336	225	52	295	46	296	50	365	25	324	19
WIST7052	8,001	893	174	1,036	124	882	192	1,107	96	1,138	76
WIST7053	2,276	248	43	248	30	204	54	292	29	288	9
WIST7054	1,148	141	16	142	13	99	22	126	8	132	6
WIST7055	5,083	575	126	593	72	461	91	584	33	544	22
WIST7056	4,486	515	113	572	75	457	88	517	43	499	17
WIST7061	1,219	137	18	148	15	115	18	150	12	143	6
WIST7062	2,562	254	48	358	26	268	47	363	13	331	3
WIST7064	4,628	466	70	595	65	641	86	692	65	858	48
WIST7065	5,949	649	170	649	86	474	154	538	43	533	32
WIST7067	1,475	176	26	155	19	152	37	210	12	216	16
WIST7068	3,408	353	85	420	41	375	89	467	45	448	30
WIST7069	5,430	586	153	623	118	635	121	696	89	717	39
WIST7070	2,147	212	49	266	44	249	56	306	18	321	15
WIST7071	3,720	463	112	461	85	339	82	435	24	439	22
WIST7072	3,685	405	94	492	64	359	63	515	32	510	17
WIST7073	4,050	374	127	467	78	343	93	486	50	444	20
WIST7074	12,721	1,338	502	1,255	262	795	313	745	64	552	29
WIST7075	2,596	281	41	293	39	281	48	308	27	308	20
WIST7076	7,067	757	183	813	123	795	151	1,041	78	1,036	44
WIST7078	3,290	343	62	375	60	412	86	463	61	507	38
WIST7079	978	100	42	109	17	71	24	85	7	66	3

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
WIST7080	3,839	398	74	441	57	400	80	506	36	593	24
WIST7081	4,832	526	157	573	82	422	97	459	55	439	33
WIST7083	9,601	1,015	224	1,226	148	946	204	1,339	92	1,400	83
WIST7086	931	101	29	104	13	100	25	153	16	152	13
WIST7088	2,016	216	55	207	31	180	58	224	23	240	14
WIST7092	1,787	190	40	198	30	216	36	251	23	253	12
WIST7093	4,104	449	88	519	73	473	79	531	45	571	31
WIST7094	4,123	449	86	530	57	466	87	594	29	635	20
WIST7095	1,262	136	42	139	19	144	31	142	11	184	12
WIST7098	3,260	344	87	457	65	412	72	433	35	436	23
WIST7103	3,292	347	73	420	57	305	45	415	33	419	20
WIST7106	3,725	348	67	490	69	605	83	588	51	530	30
WIST7108	7,560	843	183	929	119	689	156	932	68	789	46
WIST7109	4,772	537	139	574	76	468	101	499	45	509	28
WIST7113	3,869	417	94	498	63	403	85	522	50	512	19
WIST7115	226	25	5	26	1	22	6	33	3	36	
WIST7116	6,625	716	173	833	133	786	161	944	75	958	41
WIST7118	3,339	389	89	374	47	354	69	417	38	374	16
WIST7119	3,354	359	81	381	63	371	103	528	42	497	25
WIST7120	1,405	145	67	114	42	93	43	103	18	99	3
WIST7121	2,209	208	52	236	29	270	56	385	27	413	31
WIST7123	4,414	412	123	511	79	450	125	639	65	673	38
WIST7124	2,623	271	61	338	67	313	76	445	36	355	16
WIST7125	548	55	35	59	14	32	18	41	18	20	1
WIST7126	1,569	151	37	197	28	163	31	210	20	201	6
WIST7127	4,430	463	107	522	83	512	116	703	66	585	34
WIST7128	256	22	6	23	5	19	5	41	5	80	2
WIST7129	1,510	161	33	157	25	129	28	173	17	179	12
WIST7130	618	65	24	66	9	67	18	85	5	71	8
WIST7131	477	53	14	54	6	32	10	46	1	47	6
WIST7132	22	5		3	2					2	1
WIST7133	2										1
WIST8001	1,562	161	28	201	23	164	34	233	22	224	16

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INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
WIST8002	6,062	660	129	749	119	757	141	925	81	918	36
WIST8003	39		1			3	3	16		2	
WIST8004	11,055	1,094	459	958	272	603	229	584	69	395	20
WIST8005	5,231	585	201	654	131	448	157	582	61	475	25
WIST8006	12,965	1,320	426	1,509	306	1,362	372	1,628	170	1,496	90
WIST8007	5,930	634	187	685	113	572	162	723	71	653	40
WIST8008	3,197	335	115	296	64	212	61	264	25	209	14
WIST8009	2,659	316	57	319	36	275	63	366	25	381	14
WIST8011	5,817	570	154	670	106	558	123	739	58	821	36
WIST8016	299	22	11	28	3	24	5	52	6	51	4
WISTT001	3,105	298	73	409	47	336	70	445	33	460	23
WISTT002	411	43	13	38	7	30	10	36		35	
WISTT003	4,816	526	187	487	87	379	113	436	57	398	15
WISTT005	3,093	330	63	373	46	329	57	478	33	437	20
WISTT006	2,629	308	71	319	40	274	52	317	10	283	7
WISTT007	175	20	11	19	7	9	8	14	7	11	5
Grand Total	654,190	69,117	18,162	75,952	11,585	63,823	14,811	79,684	6,838	78,346	3,924

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2016	2017	2018
WIST1002	34			
WIST1003	1,191	2		
WIST1012	908	3		1
WIST1016	260		1	
WIST1017	2,404	1		
WIST1018	616	2	1	1
WIST2014	632	1		1
WIST2015	2,999	5	3	
WIST2017	1,749	7		
WIST2018	5,503	6	3	1
WIST2019	807			
WIST2021	1,761	3		
WIST2023	950	1		
WIST2024	2,938	8	1	
WIST2025	2,441	6		
WIST2026	10,859	15	3	
WIST2027	1,808	4		1
WIST2028	165		1	
WIST3003	1,371	1	1	1
WIST3005	3,201	4	1	
WIST3006	1,808	2		
WIST3013	3,656	15	2	
WIST3014	1,982	3	4	1
WIST3015	443	1		
WIST3016	5,415	2	8	1
WIST3018	1,506			
WIST3021	1,454	6		
WIST3022	166	6		
WIST3023	1,577	6	1	
WIST3024	2,170	3	1	
WIST3025	536	1		
WIST3028	192			
WIST3029	543			

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2016	2017	2018
WIST4002	1,083	3	1	
WIST4003	3,661	4	1	
WIST4004	3,006	4		
WIST4006	6,686	7	7	
WIST4009	2,410	2		2
WIST4014	939	2		
WIST4017	4,226	2	1	
WIST4019	1,714	2	1	
WIST4026	2,499	18	2	
WIST4031	3,810	3	1	
WIST4032	6,363	13	2	
WIST4039	410		1	
WIST4040	2,224	3	1	
WIST4042	5,149	8	3	
WIST4043	10,334	24		
WIST4044	6,938	14	3	
WIST4045	2,264	7	1	
WIST4048	3,393	3	1	
WIST4049	944	2		
WIST4050	2,324	4	1	
WIST4051	2,707	2	2	
WIST4053	163			1
WIST4054	2,834	2	1	
WIST4055	1,189	1		
WIST4056	118			
WIST4057	477	1		
WIST5003	2,546	4	1	1
WIST5004	2,828	3		3
WIST5005	1,731	2		
WIST5008	7,708	5	2	1
WIST5009	1,263	1		
WIST5011	4,052	2	1	
WIST5012	2,552	1	2	

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2016	2017	2018
WIST5014	7,505	6		
WIST5015	2,713	3		
WIST5017	1,869	4		1
WIST5021	1,093	2	1	
WIST5023	602	1	1	
WIST5029	7,675	24	3	
WIST5036	713	1		
WIST5037	1,865			
WIST5040	1,370	1		
WIST5041	1,647	1		
WIST5044	748	3		
WIST5045	367	1		
WIST5047	1			
WIST5049	3,191	3	2	
WIST5053	953			
WIST5055	6,729	12	2	
WIST5058	1,209	1	2	
WIST5061	85	1		
WIST5066	4,081	8	4	
WIST5069	10,685	18	7	
WIST5071	9,345	12	2	
WIST5074	4,990	8	1	1
WIST5075	888	3		2
WIST5076	5,897	11	2	
WIST5077	2,524	7		
WIST5078	131			
WIST6001	9,091	9	4	
WIST6004	5,371	5		
WIST6007	845			
WIST6012	620	1	1	
WIST6013	2,378	4		
WIST6014	1,107	4	1	
WIST6016	2,157	1	1	

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2016	2017	2018
WIST6018	5,988	4	1	
WIST6021	1,490	3	2	
WIST6022	2,550	2	1	
WIST6026	1,034	4		
WIST6030	2,489	1	1	
WIST6031	1,367	2		
WIST6033	1,083	1		
WIST6034	1,604	2	2	
WIST6035	2,103	1	1	
WIST6036	784			
WIST6037	6,965	7		1
WIST6039	1,939	6	2	1
WIST6040	5,877	11	5	
WIST6041	9,603	14	3	1
WIST6042	161			
WIST7003	1,835	2		
WIST7004	4,430	6	3	
WIST7006	1,058	3		
WIST7007	547	1		
WIST7009	3,109	13	3	
WIST7011	5,731	4	1	2
WIST7014	6,416	10	1	
WIST7015	256			
WIST7016	7,767	11	3	
WIST7018	1,068	6		
WIST7020	949			
WIST7021	923			
WIST7022	2,990	5	1	
WIST7023	2,820	2		
WIST7024	813			
WIST7025	689	1		
WIST7027	318	1		
WIST7030	9,075	12	4	1

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2016	2017	2018
WIST7031	950	1		
WIST7032	524			
WIST7033	5,446	2	1	
WIST7036	5,320	9	2	
WIST7039	1,528	5		
WIST7040	3,285	4		
WIST7041	4,678	9		
WIST7042	8,747	4		
WIST7044	4,187	4	2	
WIST7045	5,941	3	1	
WIST7046	2,818	3		
WIST7049	2,336	2	2	
WIST7052	8,001	8	1	
WIST7053	2,276	2		
WIST7054	1,148	2	1	
WIST7055	5,083	3		
WIST7056	4,486	1	2	
WIST7061	1,219	2		
WIST7062	2,562	3		
WIST7064	4,628	4		
WIST7065	5,949	6		
WIST7067	1,475	2		
WIST7068	3,408	5	2	
WIST7069	5,430	8	1	
WIST7070	2,147	4	3	
WIST7071	3,720	3		
WIST7072	3,685	3		
WIST7073	4,050	8	2	
WIST7074	12,721	4	2	
WIST7075	2,596	7		1
WIST7076	7,067	9	1	
WIST7078	3,290	6		
WIST7079	978	1		

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2016	2017	2018
WIST7080	3,839	6	1	
WIST7081	4,832	14	2	
WIST7083	9,601	17		
WIST7086	931	2	2	1
WIST7088	2,016	4		
WIST7092	1,787			
WIST7093	4,104	2		
WIST7094	4,123	5		1
WIST7095	1,262	4	1	
WIST7098	3,260	2	1	
WIST7103	3,292	2		
WIST7106	3,725	8	3	
WIST7108	7,560	2	1	1
WIST7109	4,772	8	1	
WIST7113	3,869	8		
WIST7115	226			
WIST7116	6,625	9		
WIST7118	3,339	1		
WIST7119	3,354	9	2	
WIST7120	1,405	1	4	
WIST7121	2,209	6	1	
WIST7123	4,414	7	2	
WIST7124	2,623	5	1	
WIST7125	548			
WIST7126	1,569	1		2
WIST7127	4,430	6	1	
WIST7128	256	1	1	
WIST7129	1,510	2		
WIST7130	618	4	1	
WIST7131	477	1		
WIST7132	22			
WIST7133	2			
WIST8001	1,562	1	1	

INITIAL TEST VOLUME BY MODEL YEAR AND TEST STATION

STATION ID	TOTAL TESTS	2016	2017	2018
WIST8002	6,062	10	1	
WIST8003	39			
WIST8004	11,055	7		
WIST8005	5,231	8	2	
WIST8006	12,965	35	4	
WIST8007	5,930	12	1	
WIST8008	3,197	3	1	
WIST8009	2,659	4		
WIST8011	5,817	13		
WIST8016	299	2		1
WISTT001	3,105	4		
WISTT002	411			
WISTT003	4,816	10		
WISTT005	3,093	4		1
WISTT006	2,629	3	2	1
WISTT007	175			
Grand Total	654,190	943	195	35

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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
WIST1002	6	17.6%	34	1	100.0%	1		0.0%	2		0.0%	2		0.0%	2	1	50.0%	2
WIST1003	39	3.3%	1191	2	12.5%	16		0.0%	3	1	3.6%	28	1	11.1%	9	5	7.1%	70
WIST1012	28	3.1%	908	1	5.0%	20	1	11.1%	9	5	13.2%	38	2	13.3%	15	4	6.9%	58
WIST1016	15	5.8%	260	1	16.7%	6	2	50.0%	4	1	10.0%	10		0.0%	3	1	8.3%	12
WIST1017	191	7.9%	2404	1	4.0%	25	2	10.0%	20	11	16.4%	67	9	31.0%	29	21	18.1%	116
WIST1018	24	3.9%	616	1	10.0%	10	1	50.0%	2	1	6.3%	16		0.0%	5	2	7.4%	27
WIST2014	57	9.0%	632	1	7.1%	14		0.0%	6	5	19.2%	26	2	13.3%	15	2	5.0%	40
WIST2015	77	2.6%	2999	3	7.9%	38		0.0%	10	4	7.8%	51		0.0%	23	8	8.2%	98
WIST2017	40	2.3%	1749	1	5.0%	20		0.0%	3	3	13.0%	23	1	7.1%	14	5	10.2%	49
WIST2018	152	2.8%	5503	5	5.2%	96	5	15.6%	32	14	10.4%	134	1	2.1%	47	23	8.2%	279
WIST2019	36	4.5%	807		0.0%	12	2	25.0%	8	1	3.1%	32		0.0%	7	3	5.5%	55
WIST2021	92	5.2%	1761	2	8.7%	23	1	7.7%	13	3	6.8%	44		0.0%	12	11	12.5%	88
WIST2023	24	2.5%	950	1	5.6%	18		0.0%	7	1	3.0%	33	2	11.1%	18	5	8.3%	60
WIST2024	130	4.4%	2938	3	7.3%	41	2	10.0%	20	7	10.6%	66	4	19.0%	21	13	9.8%	133
WIST2025	84	3.4%	2441	3	18.8%	16		0.0%	9	5	9.1%	55	2	18.2%	11	5	6.8%	74
WIST2026	333	3.1%	10859	8	6.6%	121	4	8.0%	50	20	9.6%	209	10	12.3%	81	27	6.0%	451
WIST2027	52	2.9%	1808	1	4.5%	22	1	33.3%	3	3	10.0%	30		0.0%	8	3	7.1%	42
WIST2028	4	2.4%	165		0.0%	4		0.0%	1		0.0%	4		0.0%	7		0.0%	4
WIST3003	64	4.7%	1371	3	15.0%	20	2	40.0%	5	1	2.4%	41		0.0%	17	8	11.0%	73
WIST3005	84	2.6%	3201	4	8.9%	45	2	12.5%	16	5	6.6%	76	2	12.5%	16	5	3.6%	138
WIST3006	64	3.5%	1808	4	11.1%	36		0.0%	7	8	13.6%	59	3	13.6%	22	3	2.7%	112
WIST3013	179	4.9%	3656	1	1.7%	58	2	5.7%	35	13	13.8%	94	11	21.2%	52	24	13.3%	181
WIST3014	146	7.4%	1982	3	8.8%	34	1	4.5%	22	9	11.8%	76	5	19.2%	26	13	10.2%	128
WIST3015	16	3.6%	443		0.0%	9		0.0%	6	4	25.0%	16	2	33.3%	6	4	18.2%	22
WIST3016	378	7.0%	5415	12	8.3%	144	15	22.7%	66	22	10.3%	214	10	11.5%	87	53	14.2%	372
WIST3018	131	8.7%	1506	2	7.4%	27	2	10.5%	19	10	17.9%	56	2	5.9%	34	19	17.8%	107
WIST3021	49	3.4%	1454	2	7.1%	28	1	10.0%	10	4	10.8%	37	2	14.3%	14	3	4.0%	75
WIST3022	1	0.6%	166		0.0%	1		0.0%	3		0.0%	4		0.0%	4		0.0%	18
WIST3023	51	3.2%	1577		0.0%	20	1	12.5%	8	2	7.1%	28	1	12.5%	8	5	12.8%	39
WIST3024	104	4.8%	2170		0.0%	38	1	6.7%	15	6	10.9%	55	6	18.2%	33	9	7.9%	114
WIST3025	25	4.7%	536		0.0%	6		0.0%	8	3	30.0%	10		0.0%	7	5	13.2%	38
WIST3028	7	3.6%	192		0.0%	3		#DIV/0!			0.0%	5		0.0%	1		0.0%	6
WIST3029	23	4.2%	543		0.0%	4		0.0%	4	2	11.8%	17	2	33.3%	6	1	4.0%	25
WIST4002	33	3.0%	1083	1	8.3%	12		0.0%	7	1	3.0%	33	1	8.3%	12	4	9.8%	41
WIST4003	159	4.3%	3661	2	3.3%	60	2	12.5%	16	9	9.0%	100	4	11.8%	34	16	8.8%	181
WIST4004	102	3.4%	3006	2	4.9%	41	1	11.1%	9	4	4.9%	81	4	15.4%	26	12	7.5%	159
WIST4006	184	2.8%	6686	4	4.9%	81	3	9.4%	32	13	8.4%	155		0.0%	31	15	5.7%	261
WIST4009	99	4.1%	2410	2	6.1%	33		0.0%	8	10	18.2%	55	1	7.7%	13	8	8.1%	99
WIST4014	23	2.4%	939	1	4.8%	21	1	11.1%	9	1	3.3%	30		0.0%	5	1	1.9%	53
WIST4017	138	3.3%	4226	1	1.9%	52	2	14.3%	14	4	5.0%	80	1	4.2%	24	12	7.5%	159
WIST4019	80	4.7%	1714	5	11.9%	42	1	7.7%	13	7	9.0%	78	2	11.1%	18	11	9.0%	122

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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
WIST4026	74	3.0%	2499	3	9.7%	31	2	40.0%	5	4	8.5%	47		0.0%	8	11	12.4%	89
WIST4031	225	5.9%	3810	7	8.4%	83	4	9.3%	43	19	12.1%	157	6	9.4%	64	23	8.9%	259
WIST4032	959	15.1%	6363	41	27.2%	151	22	21.8%	101	67	23.0%	291	57	25.4%	224	95	19.3%	493
WIST4039	11	2.7%	410		0.0%	6		0.0%	2		0.0%	14		0.0%	2		0.0%	29
WIST4040	56	2.5%	2224		0.0%	25	1	14.3%	7	1	2.3%	43	1	9.1%	11	8	8.6%	93
WIST4042	272	5.3%	5149	10	9.1%	110	8	17.0%	47	26	13.5%	193	8	10.0%	80	35	10.3%	339
WIST4043	585	5.7%	10334	15	7.4%	204	12	11.0%	109	44	11.7%	376	14	9.5%	147	64	9.8%	656
WIST4044	525	7.6%	6938	12	9.9%	121	5	7.1%	70	35	16.7%	210	22	14.6%	151	69	17.0%	407
WIST4045	93	4.1%	2264	4	9.1%	44		0.0%	10	5	7.6%	66	2	8.7%	23	12	9.5%	126
WIST4048	143	4.2%	3393	3	6.7%	45	4	13.3%	30	5	7.2%	69	3	10.7%	28	15	9.1%	165
WIST4049	32	3.4%	944		0.0%	13		0.0%	2	2	5.6%	36		0.0%	9	5	10.2%	49
WIST4050	55	2.4%	2324	2	6.1%	33	1	10.0%	10	3	7.5%	40		0.0%	19	4	3.8%	104
WIST4051	124	4.6%	2707	2	4.3%	46	1	5.9%	17	13	11.7%	111	4	16.0%	25	11	8.6%	128
WIST4053	16	9.8%	163	1	100.0%	1		0.0%	3	1	11.1%	9		0.0%	1	2	20.0%	10
WIST4054	110	3.9%	2834	4	5.6%	71	4	26.7%	15	8	8.6%	93	4	18.2%	22	12	8.3%	145
WIST4055	46	3.9%	1189	1	7.7%	13	2	15.4%	13	2	5.1%	39	2	11.8%	17	1	1.4%	71
WIST4056	17	14.4%	118		0.0%	2		0.0%	3	1	14.3%	7	1	33.3%	3	1	20.0%	5
WIST4057	17	3.6%	477		0.0%	4	2	50.0%	4		0.0%	10		0.0%	5	1	5.6%	18
WIST5003	217	8.5%	2546	7	12.7%	55	5	20.0%	25	12	16.7%	72	7	15.9%	44	12	10.6%	113
WIST5004	72	2.5%	2828	6	16.2%	37	1	8.3%	12	2	4.0%	50		0.0%	19	5	4.9%	103
WIST5005	81	4.7%	1731	2	4.4%	45	1	8.3%	12	7	10.6%	66	5	29.4%	17	7	6.0%	116
WIST5008	306	4.0%	7708	6	5.4%	112	6	11.8%	51	20	7.7%	260	15	17.4%	86	24	5.7%	423
WIST5009	24	1.9%	1263		0.0%	12		0.0%	5	1	5.3%	19	1	50.0%	2	1	2.8%	36
WIST5011	113	2.8%	4052	4	11.8%	34	1	14.3%	7	6	7.8%	77	2	9.5%	21	12	10.7%	112
WIST5012	89	3.5%	2552	3	7.5%	40		0.0%	10	4	6.1%	66	3	17.6%	17	6	4.4%	136
WIST5014	228	3.0%	7505	7	5.8%	120	4	10.3%	39	15	8.0%	188	4	5.8%	69	24	7.8%	308
WIST5015	256	9.4%	2713	7	11.1%	63	12	28.6%	42	16	14.4%	111	11	18.3%	60	37	18.1%	204
WIST5017	86	4.6%	1869	1	3.0%	33	3	25.0%	12	3	4.3%	70	4	21.1%	19	9	9.2%	98
WIST5021	64	5.9%	1093	3	12.5%	24	1	16.7%	6	2	5.7%	35		0.0%	9	5	7.8%	64
WIST5023	33	5.5%	602		0.0%	6		#DIV/O!		6	35.3%	17	2	25.0%	8	4	16.0%	25
WIST5029	311	4.1%	7675	10	11.1%	90	6	16.2%	37	20	11.2%	179	9	13.4%	67	36	10.8%	334
WIST5036	69	9.7%	713		0.0%	20		0.0%	5	7	24.1%	29	1	9.1%	11	5	11.1%	45
WIST5037	53	2.8%	1865	2	7.4%	27		0.0%	8	4	9.1%	44		0.0%	17	6	9.0%	67
WIST5040	58	4.2%	1370		0.0%	34		0.0%	7	6	11.3%	53	2	14.3%	14	6	7.1%	84
WIST5041	51	3.1%	1647	4	19.0%	21	1	50.0%	2	3	7.1%	42		0.0%	7	2	2.5%	79
WIST5044	25	3.3%	748		0.0%	8		0.0%	1	1	7.1%	14	1	25.0%	4	2	8.3%	24
WIST5045	16	4.4%	367		0.0%	7	1	25.0%	4	1	6.3%	16		0.0%	4	4	15.4%	26
WIST5047	0	0.0%	1		#DIV/O!			#DIV/O!			#DIV/O!			#DIV/O!			#DIV/O!	
WIST5049	89	2.8%	3191	1	2.7%	37		0.0%	12	3	3.4%	87	1	4.8%	21	3	2.3%	131
WIST5053	33	3.5%	953	4	12.5%	32	2	15.4%	13	4	7.7%	52		0.0%	11	4	4.8%	83
WIST5055	396	5.9%	6729	4	5.1%	79	12	22.6%	53	24	12.9%	186	8	9.5%	84	37	10.1%	365

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST5058	72	6.0%	1209	2	9.1%	22	1	8.3%	12	6	12.8%	47	5	23.8%	21	7	9.9%	71
WIST5061	2	2.4%	85		#DIV/0!			0.0%	2		0.0%	4		0.0%	1		0.0%	7
WIST5066	227	5.6%	4081	9	12.2%	74	4	11.4%	35	18	10.8%	166	3	6.7%	45	23	8.4%	274
WIST5069	1026	9.6%	10685	32	15.8%	202	19	12.2%	156	50	13.6%	369	39	14.1%	277	108	14.4%	749
WIST5071	570	6.1%	9345	20	12.2%	164	10	12.7%	79	32	10.8%	296	19	13.9%	137	53	11.1%	477
WIST5074	227	4.5%	4990	8	12.7%	63	2	4.5%	44	14	9.9%	141	8	15.4%	52	23	8.8%	261
WIST5075	78	8.8%	888	1	9.1%	11	2	16.7%	12	2	7.1%	28	2	13.3%	15	7	13.7%	51
WIST5076	267	4.5%	5897	14	12.0%	117	3	7.3%	41	18	10.1%	179	6	6.7%	90	24	7.1%	340
WIST5077	87	3.4%	2524	1	3.4%	29		0.0%	8	8	12.9%	62	1	6.3%	16	6	5.9%	101
WIST5078	7	5.3%	131		0.0%	4		#DIV/0!			0.0%	6	1	25.0%	4	1	12.5%	8
WIST6001	704	7.7%	9091	35	14.9%	235	16	17.0%	94	63	13.8%	456	27	15.9%	170	90	13.0%	694
WIST6004	169	3.1%	5371	2	3.8%	53	2	9.1%	22	10	7.9%	126	6	14.6%	41	16	8.3%	193
WIST6007	34	4.0%	845	2	10.5%	19		0.0%	7	2	5.4%	37		0.0%	15	6	9.4%	64
WIST6012	32	5.2%	620		0.0%	12	1	16.7%	6	1	9.1%	11	1	16.7%	6	8	21.1%	38
WIST6013	75	3.2%	2378	4	25.0%	16		0.0%	9	7	12.1%	58	1	12.5%	8	3	2.8%	107
WIST6014	41	3.7%	1107	2	9.5%	21		0.0%	5	2	6.3%	32		0.0%	16	5	7.7%	65
WIST6016	101	4.7%	2157	3	9.1%	33	2	25.0%	8	8	11.6%	69	3	9.1%	33	12	11.0%	109
WIST6018	394	6.6%	5988	22	13.6%	162	6	16.7%	36	30	12.0%	249	13	14.6%	89	57	14.3%	399
WIST6021	46	3.1%	1490		0.0%	18		0.0%	6	2	6.1%	33		0.0%	7	8	11.8%	68
WIST6022	88	3.5%	2550		0.0%	27		0.0%	9	3	5.4%	56	4	20.0%	20	8	7.9%	101
WIST6026	27	2.6%	1034	1	7.1%	14		0.0%	3		0.0%	35	1	10.0%	10	1	3.4%	29
WIST6030	68	2.7%	2489		0.0%	20		0.0%	4	2	3.8%	53	2	25.0%	8	6	6.5%	92
WIST6031	52	3.8%	1367		0.0%	19		0.0%	6	5	14.3%	35		0.0%	5	4	8.9%	45
WIST6033	33	3.0%	1083	1	10.0%	10	1	25.0%	4	1	4.5%	22	2	28.6%	7	5	10.9%	46
WIST6034	44	2.7%	1604	1	8.3%	12		0.0%	7	3	9.1%	33		0.0%	7	1	1.9%	54
WIST6035	163	7.8%	2103	2	6.1%	33	3	17.6%	17	10	20.4%	49	9	23.1%	39	17	12.8%	133
WIST6036	38	4.8%	784	2	16.7%	12	2	100.0%	2	5	20.8%	24		0.0%	9	3	7.0%	43
WIST6037	556	8.0%	6965	26	14.9%	175	10	16.9%	59	41	13.0%	316	22	15.2%	145	58	12.0%	483
WIST6039	67	3.5%	1939		0.0%	21	1	7.1%	14	2	6.7%	30		0.0%	9	1	1.7%	58
WIST6040	343	5.8%	5877	16	12.9%	124	9	13.4%	67	23	10.9%	211	12	10.3%	117	29	7.4%	390
WIST6041	249	2.6%	9603	10	8.5%	117	2	5.7%	35	12	7.0%	171	7	10.0%	70	22	6.4%	346
WIST6042	13	8.1%	161	1	20.0%	5		#DIV/0!		1	11.1%	9		0.0%	3	2	28.6%	7
WIST7003	99	5.4%	1835	6	18.8%	32	2	9.5%	21	3	6.4%	47	6	15.4%	39	11	10.6%	104
WIST7004	278	6.3%	4430	9	10.1%	89	4	12.9%	31	18	11.6%	155	10	18.9%	53	33	11.3%	292
WIST7006	41	3.9%	1058	1	14.3%	7		0.0%	2	2	6.3%	32		0.0%	3	4	6.7%	60
WIST7007	31	5.7%	547		0.0%	12		0.0%	4	2	13.3%	15	1	25.0%	4	1	4.8%	21
WIST7009	110	3.5%	3109	3	6.8%	44	2	18.2%	11	6	9.4%	64	3	8.8%	34	13	9.0%	145
WIST7011	339	5.9%	5731	11	9.2%	120	10	15.4%	65	17	8.3%	206	10	13.9%	72	33	10.9%	303
WIST7014	250	3.9%	6416	7	7.9%	89		0.0%	31	17	9.0%	189	4	5.9%	68	29	8.7%	332
WIST7015	11	4.3%	256		0.0%	2		#DIV/0!			0.0%	7		#DIV/0!			0.0%	9
WIST7016	249	3.2%	7767	4	5.3%	76	5	17.2%	29	8	5.1%	156	2	4.4%	45	25	8.6%	291

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST7018	19	1.8%	1068	1	6.3%	16		0.0%	4	1	5.3%	19		0.0%	4		0.0%	46
WIST7020	36	3.8%	949		0.0%	22	2	18.2%	11	2	4.9%	41		0.0%	8	6	10.5%	57
WIST7021	37	4.0%	923	3	14.3%	21		0.0%	6	7	15.6%	45	3	21.4%	14	2	3.6%	55
WIST7022	74	2.5%	2990	2	4.9%	41	2	11.8%	17	2	3.4%	59		0.0%	13	6	4.8%	126
WIST7023	143	5.1%	2820	4	8.9%	45	6	15.4%	39	10	7.9%	126	5	10.6%	47	19	9.7%	195
WIST7024	42	5.2%	813	1	7.1%	14		0.0%	3	2	6.1%	33	3	30.0%	10	4	8.0%	50
WIST7025	15	2.2%	689		0.0%	6	1	20.0%	5	1	6.3%	16		0.0%	6	1	2.9%	35
WIST7027	54	17.0%	318	3	23.1%	13	2	50.0%	4	3	27.3%	11	8	72.7%	11	5	21.7%	23
WIST7030	472	5.2%	9075	17	12.5%	136	10	13.9%	72	25	8.6%	290	18	13.4%	134	44	9.7%	453
WIST7031	31	3.3%	950		0.0%	6	1	50.0%	2	1	8.3%	12		0.0%	3	1	2.9%	34
WIST7032	54	10.3%	524	5	29.4%	17	3	37.5%	8		0.0%	16	2	14.3%	14	3	9.4%	32
WIST7033	333	6.1%	5446	16	11.5%	139	2	4.8%	42	29	12.3%	235	11	9.6%	114	49	11.9%	412
WIST7036	377	7.1%	5320	11	9.7%	113	8	12.9%	62	23	10.6%	218	16	14.3%	112	47	12.5%	376
WIST7039	46	3.0%	1528	1	6.3%	16		0.0%	7	3	9.7%	31	2	16.7%	12	4	5.8%	69
WIST7040	94	2.9%	3285	2	5.6%	36		0.0%	15	3	3.8%	78	3	13.6%	22	9	6.4%	140
WIST7041	208	4.4%	4678	7	11.1%	63	4	20.0%	20	12	11.3%	106	3	9.1%	33	25	10.3%	243
WIST7042	251	2.9%	8747	8	6.3%	128	3	8.3%	36	15	6.0%	248	4	7.0%	57	25	5.6%	444
WIST7044	122	2.9%	4187	5	8.9%	56		0.0%	20	7	6.5%	107	3	7.1%	42	13	6.4%	204
WIST7045	209	3.5%	5941	5	5.7%	87		0.0%	34	11	7.0%	157	12	16.7%	72	17	6.8%	250
WIST7046	245	8.7%	2818	15	17.9%	84	7	13.0%	54	15	11.1%	135	18	23.4%	77	23	9.6%	239
WIST7049	72	3.1%	2336	2	5.0%	40		0.0%	11	2	3.8%	53		0.0%	7	11	10.5%	105
WIST7052	302	3.8%	8001	7	7.6%	92	3	6.5%	46	19	10.4%	183	3	4.6%	65	23	6.9%	335
WIST7053	87	3.8%	2276	5	12.5%	40		0.0%	19	3	4.9%	61	1	2.9%	34	6	4.5%	134
WIST7054	31	2.7%	1148	1	4.2%	24		0.0%	3	6	15.0%	40		0.0%	10	2	3.0%	67
WIST7055	199	3.9%	5083	6	6.0%	100	4	12.9%	31	19	10.3%	184	4	5.9%	68	28	9.1%	309
WIST7056	161	3.6%	4486	6	9.2%	65	3	9.7%	31	11	9.1%	121	8	18.6%	43	16	6.4%	251
WIST7061	57	4.7%	1219	2	9.5%	21		0.0%	8	2	4.7%	43	3	25.0%	12	1	1.6%	61
WIST7062	93	3.6%	2562	1	3.6%	28	2	11.1%	18	3	5.0%	60	2	8.7%	23	10	6.8%	147
WIST7064	101	2.2%	4628	1	2.0%	51	2	33.3%	6	6	6.8%	88	3	13.0%	23	12	9.2%	130
WIST7065	337	5.7%	5949	14	10.5%	133	6	10.9%	55	25	11.3%	222	15	13.8%	109	34	9.6%	355
WIST7067	31	2.1%	1475	1	5.0%	20		0.0%	4		0.0%	33		0.0%	10	4	5.9%	68
WIST7068	122	3.6%	3408	3	7.9%	38	3	25.0%	12	6	8.3%	72	3	9.1%	33	12	7.3%	164
WIST7069	204	3.8%	5430	2	2.4%	82	1	2.9%	34	11	8.1%	136	3	8.3%	36	15	7.1%	210
WIST7070	71	3.3%	2147	1	4.2%	24	2	16.7%	12	2	5.3%	38	1	14.3%	7	7	8.1%	86
WIST7071	117	3.1%	3720	2	4.2%	48	1	4.3%	23	9	8.0%	112		0.0%	43	13	7.8%	167
WIST7072	127	3.4%	3685	4	7.3%	55		0.0%	18	8	9.6%	83	2	7.1%	28	9	5.2%	172
WIST7073	231	5.7%	4050	10	14.7%	68	6	15.0%	40	14	11.3%	124	6	7.7%	78	20	9.9%	203
WIST7074	995	7.8%	12721	55	16.3%	337	28	16.7%	168	98	16.1%	607	37	12.5%	295	125	12.5%	1002
WIST7075	67	2.6%	2596	3	5.9%	51	1	6.7%	15	6	6.5%	92	2	6.9%	29	6	4.3%	138
WIST7076	203	2.9%	7067	9	12.2%	74	1	2.4%	42	5	2.8%	178	5	10.6%	47	15	5.5%	274
WIST7078	71	2.2%	3290	4	6.9%	58		0.0%	5	5	7.4%	68	2	8.7%	23	5	4.1%	122

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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
WIST7079	101	10.3%	978	3	13.6%	22	3	23.1%	13	12	26.7%	45	6	35.3%	17	11	19.0%	58
WIST7080	125	3.3%	3839	7	10.6%	66	2	8.0%	25	6	5.8%	104	9	20.5%	44	14	7.3%	192
WIST7081	246	5.1%	4832	6	7.4%	81	4	10.0%	40	15	7.9%	189	11	18.6%	59	26	8.1%	321
WIST7083	307	3.2%	9601	11	8.7%	127	4	10.5%	38	19	7.8%	244	6	9.4%	64	30	6.6%	454
WIST7086	18	1.9%	931	3	17.6%	17		0.0%	5		0.0%	16		0.0%	3	3	11.5%	26
WIST7088	101	5.0%	2016	3	7.0%	43	1	5.9%	17	8	10.3%	78	4	18.2%	22	7	6.3%	111
WIST7092	73	4.1%	1787	2	11.8%	17	1	14.3%	7	2	5.4%	37	2	15.4%	13	6	6.6%	91
WIST7093	233	5.7%	4104	4	7.0%	57	3	12.5%	24	13	12.0%	108	8	29.6%	27	11	6.4%	171
WIST7094	120	2.9%	4123	6	12.2%	49		0.0%	18	5	5.6%	89	6	17.1%	35	18	9.4%	191
WIST7095	28	2.2%	1262		0.0%	21		0.0%	4	4	9.8%	41	1	9.1%	11	2	3.1%	64
WIST7098	144	4.4%	3260		0.0%	24	2	16.7%	12	8	9.9%	81	3	15.0%	20	13	10.5%	124
WIST7103	111	3.4%	3292	2	3.8%	52	2	13.3%	15	9	8.0%	112	2	6.9%	29	12	6.7%	179
WIST7106	52	1.4%	3725		0.0%	33		0.0%	9	5	8.6%	58	3	16.7%	18	3	2.8%	107
WIST7108	340	4.5%	7560	12	7.5%	159	7	17.5%	40	28	9.0%	311	8	9.8%	82	41	9.4%	437
WIST7109	234	4.9%	4772	10	8.9%	112	8	25.0%	32	15	9.4%	160	6	10.2%	59	27	8.2%	329
WIST7113	137	3.5%	3869	6	13.3%	45	1	6.3%	16	11	10.2%	108	5	15.2%	33	15	9.2%	163
WIST7115	5	2.2%	226		0.0%	4		0.0%	3		0.0%	5		0.0%	2		0.0%	8
WIST7116	206	3.1%	6625	2	3.2%	63	2	11.1%	18	2	1.7%	121	6	12.8%	47	14	5.7%	244
WIST7118	149	4.5%	3339	6	8.6%	70	2	6.7%	30	6	6.3%	96	3	11.5%	26	12	6.6%	182
WIST7119	112	3.3%	3354	3	10.0%	30		0.0%	6	9	12.7%	71	2	7.4%	27	11	9.6%	115
WIST7120	135	9.6%	1405	5	20.0%	25	2	13.3%	15	8	14.8%	54	7	22.6%	31	14	15.6%	90
WIST7121	42	1.9%	2209		0.0%	21		0.0%	8	2	5.6%	36	2	25.0%	8	2	2.5%	81
WIST7123	168	3.8%	4414	6	11.3%	53	1	3.2%	31	9	9.7%	93	8	14.5%	55	15	7.8%	192
WIST7124	106	4.0%	2623	5	23.8%	21		0.0%	9	5	11.4%	44	2	9.5%	21	7	7.4%	94
WIST7125	60	10.9%	548	2	28.6%	7	1	14.3%	7	5	25.0%	20	4	23.5%	17	6	23.1%	26
WIST7126	80	5.1%	1569	2	8.0%	25	2	13.3%	15	3	7.5%	40	1	9.1%	11	9	11.0%	82
WIST7127	179	4.0%	4430	6	11.8%	51	3	13.0%	23	8	9.2%	87	2	7.4%	27	21	13.0%	162
WIST7128	7	2.7%	256	2	50.0%	4		#DIV/0!			0.0%	2		#DIV/0!			0.0%	5
WIST7129	40	2.6%	1510	1	4.2%	24		0.0%	11		0.0%	49	3	18.8%	16	1	1.1%	92
WIST7130	21	3.4%	618	1	9.1%	11	1	20.0%	5	3	15.8%	19		0.0%	6		0.0%	29
WIST7131	33	6.9%	477	1	16.7%	6	3	33.3%	9	2	10.5%	19	1	20.0%	5	3	12.5%	24
WIST7132	0	0.0%	22		#DIV/0!			0.0%	1		#DIV/0!			0.0%	1		0.0%	1
WIST7133	0	0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST8001	51	3.3%	1562	2	12.5%	16		0.0%	9	5	13.2%	38	1	11.1%	9	2	2.7%	73
WIST8002	178	2.9%	6062	7	11.5%	61	1	5.9%	17	9	8.0%	112		0.0%	29	15	7.4%	204
WIST8003	14	35.9%	39	4	50.0%	8		0.0%	1		#DIV/0!			#DIV/0!		1	33.3%	3
WIST8004	1168	10.6%	11055	66	18.4%	359	28	12.6%	222	95	16.7%	568	54	17.2%	314	147	16.5%	890
WIST8005	362	6.9%	5231	8	13.1%	61	5	11.6%	43	17	14.0%	121	13	16.0%	81	35	14.0%	250
WIST8006	800	6.2%	12965	16	10.8%	148	11	12.1%	91	30	10.2%	294	33	19.9%	166	83	14.8%	560
WIST8007	248	4.2%	5930	4	4.0%	100	5	12.5%	40	17	10.5%	162	4	6.2%	65	24	7.4%	325
WIST8008	338	10.6%	3197	8	12.1%	66	13	24.1%	54	27	19.1%	141	20	24.1%	83	42	15.4%	272

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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
WIST8009	81	3.0%	2659	5	12.8%	39	2	16.7%	12	5	7.8%	64	1	5.3%	19	11	9.1%	121
WIST8011	235	4.0%	5817	2	2.5%	81	1	4.3%	23	20	11.3%	177	6	10.0%	60	34	11.0%	310
WIST8016	17	5.7%	299		0.0%	5	1	100.0%	1	1	12.5%	8	1	50.0%	2	1	10.0%	10
WISTT001	103	3.3%	3105	1	2.6%	38	2	15.4%	13	9	11.1%	81	2	13.3%	15	12	9.4%	127
WISTT002	29	7.1%	411	1	20.0%	5	1	25.0%	4	1	5.6%	18		0.0%	7	3	9.4%	32
WISTT003	442	9.2%	4816	5	6.0%	84	5	10.0%	50	25	13.0%	193	17	24.6%	69	48	15.0%	320
WISTT005	111	3.6%	3093	2	6.5%	31	2	13.3%	15	5	6.2%	81	1	3.7%	27	7	6.0%	117
WISTT006	113	4.3%	2629	2	5.3%	38	1	10.0%	10	4	4.5%	89	2	10.0%	20	13	9.1%	143
WISTT007	10	5.7%	175		0.0%	5	1	100.0%	1		0.0%	4		0.0%	3		0.0%	9
TOTAL	31416	4.8%	654190	1013	9.6%	10565	549	12.0%	4565	2004	10.3%	19365	1010	13.1%	7716	3262	9.6%	33997

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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
WIST1002	6	17.6%	34		#DIV/0!		1	20.0%	5	1	33.3%	3		0.0%	1		0.0%	1
WIST1003	39	3.3%	1191	2	22.2%	9	8	7.6%	105		0.0%	19	2	1.5%	133	1	4.3%	23
WIST1012	28	3.1%	908	1	11.1%	9	3	4.7%	64		0.0%	16	2	2.4%	85	1	4.8%	21
WIST1016	15	5.8%	260	1	20.0%	5	1	5.3%	19	1	25.0%	4		0.0%	24	1	16.7%	6
WIST1017	191	7.9%	2404	9	17.0%	53	29	15.8%	184	16	23.5%	68	22	10.9%	202	11	10.9%	101
WIST1018	24	3.9%	616	1	10.0%	10	5	12.2%	41	1	6.7%	15	3	5.4%	56		0.0%	22
WIST2014	57	9.0%	632	3	17.6%	17	15	22.7%	66	5	19.2%	26	8	16.3%	49	4	18.2%	22
WIST2015	77	2.6%	2999	2	6.9%	29	14	7.3%	192	5	10.2%	49	15	6.5%	230	3	4.5%	66
WIST2017	40	2.3%	1749		0.0%	6	10	10.1%	99	2	10.0%	20	1	0.8%	122	1	3.4%	29
WIST2018	152	2.8%	5503	8	9.6%	83	19	4.7%	403	5	4.0%	125	16	3.1%	513	3	2.2%	134
WIST2019	36	4.5%	807	5	35.7%	14	6	9.1%	66	2	12.5%	16	4	5.9%	68	1	5.9%	17
WIST2021	92	5.2%	1761	6	23.1%	26	10	9.4%	106	7	15.2%	46	19	10.4%	183	3	7.7%	39
WIST2023	24	2.5%	950	1	7.7%	13	1	1.2%	83		0.0%	20	7	8.0%	88	2	9.5%	21
WIST2024	130	4.4%	2938	5	8.5%	59	20	8.6%	233	6	11.1%	54	15	5.3%	285	3	4.1%	74
WIST2025	84	3.4%	2441	4	17.4%	23	13	10.4%	125	3	7.1%	42	4	2.1%	194	5	9.4%	53
WIST2026	333	3.1%	10859	13	10.6%	123	54	8.1%	663	15	8.5%	177	36	3.9%	923	10	4.3%	232
WIST2027	52	2.9%	1808		0.0%	9	5	6.2%	81	3	18.8%	16	8	7.3%	110	2	7.4%	27
WIST2028	4	2.4%	165		0.0%	7	1	11.1%	9		0.0%	7	2	20.0%	10		0.0%	7
WIST3003	64	4.7%	1371	1	4.0%	25	12	10.7%	112	2	7.4%	27	4	3.1%	128	4	11.4%	35
WIST3005	84	2.6%	3201	2	5.7%	35	9	4.9%	185	1	2.4%	42	12	4.7%	255	2	4.1%	49
WIST3006	64	3.5%	1808	2	7.4%	27	14	8.0%	174	2	5.6%	36	6	3.4%	176	1	2.2%	45
WIST3013	179	4.9%	3656	11	15.5%	71	19	7.9%	240	11	10.6%	104	13	4.6%	284	11	11.1%	99
WIST3014	146	7.4%	1982	13	25.5%	51	19	9.9%	191	6	11.5%	52	18	8.5%	211	10	12.2%	82
WIST3015	16	3.6%	443	2	14.3%	14		0.0%	25	1	7.7%	13	1	2.6%	38		0.0%	12
WIST3016	378	7.0%	5415	21	17.1%	123	54	11.3%	478	23	14.6%	158	50	9.2%	543	14	8.2%	170
WIST3018	131	8.7%	1506	8	15.7%	51	18	16.1%	112	8	11.9%	67	10	6.6%	151	1	2.0%	49
WIST3021	49	3.4%	1454	1	4.5%	22	7	8.6%	81	3	11.1%	27	3	2.0%	148	1	3.2%	31
WIST3022	1	0.6%	166		0.0%	6		0.0%	12		0.0%	3	1	4.0%	25		0.0%	3
WIST3023	51	3.2%	1577	3	21.4%	14	5	7.9%	63	1	7.1%	14	4	4.2%	95	2	8.0%	25
WIST3024	104	4.8%	2170	7	13.7%	51	17	10.1%	169	8	12.9%	62	14	6.7%	208	4	5.5%	73
WIST3025	25	4.7%	536		0.0%	9	4	8.5%	47		0.0%	15	1	2.4%	42		0.0%	18
WIST3028	7	3.6%	192		0.0%	1	1	11.1%	9		0.0%	3	2	16.7%	12		#DIV/0!	
WIST3029	23	4.2%	543	2	18.2%	11		0.0%	40	2	16.7%	12	6	13.6%	44		0.0%	16
WIST4002	33	3.0%	1083	1	9.1%	11	2	2.4%	85	1	5.3%	19	5	4.6%	109	1	5.3%	19
WIST4003	159	4.3%	3661	9	17.6%	51	25	8.8%	283	6	9.2%	65	13	4.2%	307	2	2.6%	78
WIST4004	102	3.4%	3006	4	10.5%	38	24	9.0%	266	2	4.0%	50	12	3.7%	321	1	1.4%	70
WIST4006	184	2.8%	6686	7	10.1%	69	21	4.7%	449	5	5.2%	97	23	4.0%	582	8	5.6%	143
WIST4009	99	4.1%	2410	5	16.1%	31	17	10.3%	165	3	6.8%	44	10	4.4%	227	5	10.9%	46
WIST4014	23	2.4%	939	1	6.7%	15	5	5.5%	91		0.0%	25	2	2.2%	92		0.0%	19
WIST4017	138	3.3%	4226	4	11.1%	36	15	4.9%	304	5	8.5%	59	16	4.2%	382	6	8.3%	72
WIST4019	80	4.7%	1714	4	11.4%	35	12	6.9%	175	6	11.1%	54	4	2.2%	185	4	7.1%	56

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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
WIST4026	74	3.0%	2499	4	30.8%	13	9	8.1%	111	2	8.7%	23	6	3.2%	189	3	7.9%	38
WIST4031	225	5.9%	3810	17	20.2%	84	28	7.6%	369	13	14.8%	88	33	8.6%	383	8	6.3%	126
WIST4032	959	15.1%	6363	75	28.7%	261	114	18.4%	619	77	23.8%	323	95	14.6%	652	48	16.3%	294
WIST4039	11	2.7%	410		0.0%	5		0.0%	25	2	20.0%	10	4	14.8%	27		0.0%	6
WIST4040	56	2.5%	2224	2	14.3%	14	10	6.3%	159	2	6.9%	29	7	4.6%	153		0.0%	32
WIST4042	272	5.3%	5149	20	16.0%	125	36	7.4%	485	14	8.9%	157	31	5.5%	565	10	5.4%	186
WIST4043	585	5.7%	10334	35	15.4%	228	87	9.5%	914	33	10.4%	317	77	7.7%	1001	27	7.0%	384
WIST4044	525	7.6%	6938	52	25.0%	208	75	13.8%	545	35	13.4%	261	41	6.1%	673	32	10.8%	297
WIST4045	93	4.1%	2264	3	8.1%	37	11	7.1%	154	3	6.7%	45	12	6.4%	188	3	5.2%	58
WIST4048	143	4.2%	3393	5	12.8%	39	21	9.5%	222	5	9.6%	52	17	5.0%	339	6	7.2%	83
WIST4049	32	3.4%	944	1	12.5%	8	7	8.6%	81	1	6.7%	15	3	3.9%	76		0.0%	25
WIST4050	55	2.4%	2324	1	6.3%	16	8	4.8%	166	2	8.7%	23	7	3.4%	208	2	5.4%	37
WIST4051	124	4.6%	2707	6	12.2%	49	19	8.5%	223	5	7.9%	63	25	8.1%	310	2	2.9%	68
WIST4053	16	9.8%	163		0.0%	1	2	6.9%	29	1	33.3%	3	1	5.9%	17		0.0%	6
WIST4054	110	3.9%	2834	2	4.9%	41	13	7.0%	185	4	7.8%	51	15	5.1%	293	6	7.6%	79
WIST4055	46	3.9%	1189	1	5.9%	17	8	8.5%	94	5	16.7%	30	5	4.4%	113	2	5.9%	34
WIST4056	17	14.4%	118	2	25.0%	8	2	16.7%	12	3	42.9%	7	1	8.3%	12		0.0%	4
WIST4057	17	3.6%	477		0.0%	8	2	5.7%	35		0.0%	21	4	10.0%	40		0.0%	10
WIST5003	217	8.5%	2546	19	22.9%	83	30	17.9%	168	11	14.9%	74	25	12.0%	209	15	15.0%	100
WIST5004	72	2.5%	2828	3	13.0%	23	7	4.1%	170	3	6.3%	48	10	4.3%	231	1	1.6%	61
WIST5005	81	4.7%	1731	4	19.0%	21	20	11.6%	172	6	12.0%	50	6	3.3%	180	3	6.8%	44
WIST5008	306	4.0%	7708	17	13.7%	124	52	8.6%	606	7	4.8%	147	44	6.1%	726	8	4.2%	189
WIST5009	24	1.9%	1263		0.0%	7	4	7.1%	56		0.0%	12	5	4.6%	108		0.0%	8
WIST5011	113	2.8%	4052	2	8.0%	25	14	7.1%	198	3	5.8%	52	16	5.1%	311	7	12.5%	56
WIST5012	89	3.5%	2552	3	10.7%	28	13	7.2%	180	4	14.3%	28	14	5.8%	241	2	3.4%	59
WIST5014	228	3.0%	7505	5	5.9%	85	34	6.9%	495	7	5.6%	124	32	5.2%	615	6	4.3%	141
WIST5015	256	9.4%	2713	16	19.3%	83	35	12.5%	281	10	14.1%	71	37	12.1%	307	7	7.1%	98
WIST5017	86	4.6%	1869	4	11.1%	36	21	12.9%	163	2	4.2%	48	14	7.7%	181	1	2.8%	36
WIST5021	64	5.9%	1093	2	11.1%	18	14	15.9%	88	6	23.1%	26	7	8.0%	87	4	13.8%	29
WIST5023	33	5.5%	602	2	13.3%	15	3	9.1%	33	2	13.3%	15	3	4.8%	63	2	11.1%	18
WIST5029	311	4.1%	7675	9	9.7%	93	32	6.3%	507	8	6.7%	119	40	6.3%	640	6	3.7%	162
WIST5036	69	9.7%	713	2	14.3%	14	6	12.2%	49	2	12.5%	16	9	13.2%	68	6	22.2%	27
WIST5037	53	2.8%	1865	1	5.9%	17	8	6.5%	124	1	5.3%	19	8	4.4%	181	2	4.7%	43
WIST5040	58	4.2%	1370		0.0%	16	9	7.3%	124	3	11.5%	26	7	4.9%	143	3	8.8%	34
WIST5041	51	3.1%	1647	2	13.3%	15	6	5.1%	117	2	11.8%	17	5	3.3%	151	2	8.0%	25
WIST5044	25	3.3%	748	1	50.0%	2	3	11.5%	26	1	16.7%	6		0.0%	60	4	23.5%	17
WIST5045	16	4.4%	367		0.0%	7	4	10.0%	40		0.0%	6	1	3.2%	31		0.0%	9
WIST5047	0	0.0%	1		#DIV/O!			#DIV/O!			#DIV/O!			0.0%	1		#DIV/O!	
WIST5049	89	2.8%	3191	4	11.8%	34	21	9.0%	233	5	9.3%	54	16	5.2%	309	3	5.2%	58
WIST5053	33	3.5%	953	2	10.5%	19	5	5.0%	100	2	10.5%	19	2	2.1%	97	1	5.0%	20
WIST5055	396	5.9%	6729	22	17.6%	125	54	10.3%	524	29	16.9%	172	50	7.6%	660	16	7.0%	229

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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
WIST5058	72	6.0%	1209	8	40.0%	20	7	8.3%	84	5	12.2%	41	15	10.8%	139	2	4.4%	45
WIST5061	2	2.4%	85		0.0%	2	1	16.7%	6		0.0%	3		0.0%	5		#DIV/0!	
WIST5066	227	5.6%	4081	9	13.4%	67	32	8.6%	370	7	6.1%	114	36	8.0%	448	6	5.8%	103
WIST5069	1026	9.6%	10685	89	22.5%	395	156	15.1%	1030	68	13.5%	503	140	12.5%	1124	49	8.7%	563
WIST5071	570	6.1%	9345	28	16.4%	171	86	11.3%	759	23	11.3%	203	91	10.1%	903	23	8.2%	281
WIST5074	227	4.5%	4990	15	17.4%	86	35	9.9%	354	11	9.9%	111	30	6.8%	439	5	3.3%	150
WIST5075	78	8.8%	888	7	23.3%	30	11	13.8%	80	7	16.7%	42	4	5.3%	75	5	11.6%	43
WIST5076	267	4.5%	5897	12	12.8%	94	43	8.5%	508	12	8.2%	146	44	7.4%	593	12	6.2%	193
WIST5077	87	3.4%	2524		0.0%	33	16	9.4%	170	3	8.6%	35	8	3.6%	220	3	6.0%	50
WIST5078	7	5.3%	131		0.0%	2	1	10.0%	10		0.0%	3	1	5.9%	17		0.0%	3
WIST6001	704	7.7%	9091	49	23.6%	208	118	13.2%	893	23	9.0%	256	83	8.7%	950	27	8.4%	323
WIST6004	169	3.1%	5371	8	13.1%	61	19	5.9%	321	5	6.7%	75	23	4.5%	509	3	2.8%	108
WIST6007	34	4.0%	845		0.0%	3	4	5.5%	73	4	14.3%	28	5	6.0%	84	1	5.6%	18
WIST6012	32	5.2%	620	2	33.3%	6	5	12.8%	39		0.0%	9	5	8.3%	60		0.0%	13
WIST6013	75	3.2%	2378	1	3.7%	27	11	6.8%	161	3	9.7%	31	9	3.8%	238	6	12.0%	50
WIST6014	41	3.7%	1107	2	8.7%	23	7	7.8%	90	1	4.5%	22	7	6.8%	103	1	3.0%	33
WIST6016	101	4.7%	2157	2	6.9%	29	16	9.0%	178	6	16.2%	37	16	7.9%	203	3	5.4%	56
WIST6018	394	6.6%	5988	20	15.5%	129	68	11.5%	593	20	11.8%	170	54	9.1%	592	8	4.3%	185
WIST6021	46	3.1%	1490		0.0%	13	12	12.8%	94		0.0%	21	7	4.8%	146	4	17.4%	23
WIST6022	88	3.5%	2550	4	12.9%	31	16	10.0%	160	4	10.3%	39	9	4.5%	199	4	8.9%	45
WIST6026	27	2.6%	1034	1	5.6%	18	4	5.8%	69	3	13.0%	23	5	5.8%	86	1	5.0%	20
WIST6030	68	2.7%	2489	2	10.0%	20	6	4.6%	130	3	9.7%	31	15	6.4%	235	6	15.4%	39
WIST6031	52	3.8%	1367		0.0%	12	3	3.8%	79	2	8.3%	24	5	4.1%	122	6	17.6%	34
WIST6033	33	3.0%	1083	1	7.7%	13	2	4.8%	42	1	7.1%	14	3	4.2%	72		0.0%	22
WIST6034	44	2.7%	1604	1	7.7%	13	9	8.7%	103	2	7.7%	26	7	5.5%	127		0.0%	19
WIST6035	163	7.8%	2103	9	15.5%	58	28	15.3%	183	12	17.4%	69	17	8.3%	204	6	8.5%	71
WIST6036	38	4.8%	784	1	16.7%	6	1	2.1%	47	2	15.4%	13	7	8.4%	83	3	18.8%	16
WIST6037	556	8.0%	6965	28	15.7%	178	87	11.3%	768	33	12.1%	273	81	11.0%	734	30	11.3%	265
WIST6039	67	3.5%	1939	4	16.7%	24	4	4.9%	82		0.0%	29	11	7.7%	142	1	2.5%	40
WIST6040	343	5.8%	5877	27	16.4%	165	47	7.8%	602	14	6.4%	220	37	5.5%	667	24	10.6%	226
WIST6041	249	2.6%	9603	9	8.8%	102	35	6.5%	537	12	7.5%	161	43	5.5%	786	9	4.5%	200
WIST6042	13	8.1%	161		0.0%	1	1	6.7%	15		0.0%	1		0.0%	12	1	33.3%	3
WIST7003	99	5.4%	1835	5	10.6%	47	13	9.1%	143	9	14.5%	62	10	6.7%	150	8	14.3%	56
WIST7004	278	6.3%	4430	17	19.1%	89	46	11.6%	398	10	9.7%	103	38	7.9%	481	10	8.3%	120
WIST7006	41	3.9%	1058		0.0%	16	5	6.6%	76	6	33.3%	18	1	1.2%	81	1	5.9%	17
WIST7007	31	5.7%	547		0.0%	5	5	10.4%	48	2	18.2%	11	5	11.4%	44	3	23.1%	13
WIST7009	110	3.5%	3109	3	5.5%	55	17	7.4%	229	12	15.4%	78	15	5.2%	287	5	6.0%	84
WIST7011	339	5.9%	5731	20	16.5%	121	48	11.3%	424	13	9.1%	143	48	8.7%	549	19	10.4%	182
WIST7014	250	3.9%	6416	9	10.5%	86	41	8.3%	492	10	8.6%	116	28	4.6%	605	16	10.1%	159
WIST7015	11	4.3%	256		0.0%	4	1	4.3%	23		0.0%	3	4	14.3%	28		0.0%	10
WIST7016	249	3.2%	7767	12	15.8%	76	34	7.5%	452	5	4.8%	105	40	5.7%	698	5	3.7%	135

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST7018	19	1.8%	1068		0.0%	3	2	3.0%	66		0.0%	16	1	1.3%	79	1	5.3%	19
WIST7020	36	3.8%	949	2	15.4%	13	3	4.2%	71	1	7.7%	13	6	6.6%	91	1	6.7%	15
WIST7021	37	4.0%	923	1	8.3%	12	4	4.4%	90	2	10.0%	20	4	4.2%	95	2	10.5%	19
WIST7022	74	2.5%	2990	1	4.2%	24	9	4.8%	186	4	9.5%	42	12	4.3%	277	2	4.5%	44
WIST7023	143	5.1%	2820	9	17.6%	51	29	10.4%	280	3	3.5%	85	20	7.1%	281	4	5.1%	79
WIST7024	42	5.2%	813	3	18.8%	16	5	7.8%	64		0.0%	29	5	7.6%	66	1	4.0%	25
WIST7025	15	2.2%	689	1	25.0%	4	2	5.1%	39	1	6.3%	16	1	1.6%	64		0.0%	16
WIST7027	54	17.0%	318	1	12.5%	8	6	25.0%	24	4	19.0%	21	6	15.8%	38	4	33.3%	12
WIST7030	472	5.2%	9075	24	12.8%	188	65	9.2%	708	17	7.0%	244	63	7.4%	852	21	8.7%	241
WIST7031	31	3.3%	950	2	20.0%	10	3	5.2%	58	3	23.1%	13	6	7.4%	81	1	5.6%	18
WIST7032	54	10.3%	524	3	17.6%	17	6	11.5%	52	3	11.1%	27	8	16.3%	49	5	16.1%	31
WIST7033	333	6.1%	5446	17	13.9%	122	46	8.9%	517	15	9.9%	152	36	6.5%	558	8	4.7%	170
WIST7036	377	7.1%	5320	24	20.5%	117	55	12.0%	459	20	10.9%	183	63	11.0%	573	15	9.9%	152
WIST7039	46	3.0%	1528	1	5.9%	17	6	6.3%	95	3	10.7%	28	5	3.8%	132	1	4.0%	25
WIST7040	94	2.9%	3285	4	9.8%	41	16	6.8%	235	3	5.6%	54	13	4.3%	303	5	7.8%	64
WIST7041	208	4.4%	4678	12	19.7%	61	33	9.0%	368	6	7.7%	78	32	7.7%	418	5	4.3%	115
WIST7042	251	2.9%	8747	11	11.2%	98	33	5.3%	627	5	2.7%	185	37	4.5%	823	10	5.6%	179
WIST7044	122	2.9%	4187	4	8.5%	47	19	6.6%	287	5	7.9%	63	14	3.9%	360		0.0%	78
WIST7045	209	3.5%	5941	12	16.0%	75	23	5.8%	397	9	10.3%	87	33	5.8%	566	6	4.2%	143
WIST7046	245	8.7%	2818	16	20.5%	78	34	12.5%	271	12	10.8%	111	29	8.9%	326	16	13.2%	121
WIST7049	72	3.1%	2336	3	15.8%	19	11	8.5%	130	4	10.8%	37	15	7.7%	196	2	5.4%	37
WIST7052	302	3.8%	8001	13	14.4%	90	52	11.0%	472	13	10.4%	125	40	5.8%	685	8	4.4%	181
WIST7053	87	3.8%	2276		0.0%	33	19	11.0%	173	3	5.5%	55	16	7.4%	215	3	4.6%	65
WIST7054	31	2.7%	1148	2	10.0%	20	5	4.7%	107		0.0%	25	3	2.5%	120		0.0%	24
WIST7055	199	3.9%	5083	11	11.7%	94	26	5.7%	453	7	6.4%	109	20	3.9%	514	7	6.0%	117
WIST7056	161	3.6%	4486	10	18.9%	53	17	4.6%	366	11	11.1%	99	20	4.6%	439	1	0.8%	119
WIST7061	57	4.7%	1219	3	12.5%	24	10	9.2%	109	2	9.5%	21	11	8.3%	132	2	8.3%	24
WIST7062	93	3.6%	2562	3	13.0%	23	18	9.2%	195	3	8.3%	36	18	6.5%	275	1	2.3%	43
WIST7064	101	2.2%	4628	2	10.5%	19	13	5.3%	246	6	13.0%	46	13	3.5%	370	2	3.4%	59
WIST7065	337	5.7%	5949	11	9.0%	122	61	10.2%	598	22	12.2%	181	40	6.1%	654	9	4.8%	186
WIST7067	31	2.1%	1475	1	9.1%	11	4	3.4%	116		0.0%	18	5	3.4%	145	2	6.9%	29
WIST7068	122	3.6%	3408	5	12.5%	40	15	6.2%	242	1	1.6%	63	20	6.3%	317	3	4.5%	67
WIST7069	204	3.8%	5430	5	8.5%	59	34	9.7%	352	10	11.0%	91	31	6.0%	519	6	4.8%	125
WIST7070	71	3.3%	2147	3	12.0%	25	9	6.1%	147	5	15.2%	33	7	3.6%	195	3	8.1%	37
WIST7071	117	3.1%	3720	4	8.5%	47	21	6.7%	312	3	4.1%	74	13	3.8%	341	5	5.7%	88
WIST7072	127	3.4%	3685	5	12.8%	39	26	9.3%	279	2	2.7%	75	22	7.1%	308	2	2.7%	74
WIST7073	231	5.7%	4050	11	12.8%	86	38	10.9%	348	8	6.7%	119	26	7.0%	370	10	8.2%	122
WIST7074	995	7.8%	12721	68	16.4%	415	159	10.4%	1528	45	8.7%	516	117	8.2%	1430	40	7.1%	562
WIST7075	67	2.6%	2596	6	17.1%	35	8	3.4%	235	3	6.1%	49	13	5.0%	258		0.0%	40
WIST7076	203	2.9%	7067	7	9.9%	71	31	6.7%	465	6	5.6%	108	38	5.9%	639	12	8.7%	138
WIST7078	71	2.2%	3290	5	12.5%	40	16	7.3%	219	4	8.9%	45	8	3.4%	235	3	4.8%	62

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST7079	101	10.3%	978	5	17.2%	29	15	19.2%	78	7	21.2%	33	6	5.3%	113	8	17.8%	45
WIST7080	125	3.3%	3839	2	4.8%	42	15	5.6%	268	9	12.7%	71	13	3.9%	333	3	3.8%	78
WIST7081	246	5.1%	4832	13	15.3%	85	38	9.3%	410	9	6.9%	131	29	5.8%	502	12	7.7%	155
WIST7083	307	3.2%	9601	9	8.3%	108	59	8.9%	661	5	3.6%	139	46	5.3%	869	10	4.9%	203
WIST7086	18	1.9%	931	2	16.7%	12		0.0%	64		0.0%	8	3	5.2%	58	1	9.1%	11
WIST7088	101	5.0%	2016	2	6.3%	32	14	8.1%	172	3	6.5%	46	9	4.7%	193	4	8.0%	50
WIST7092	73	4.1%	1787	2	9.5%	21	11	9.6%	115	6	15.0%	40	12	7.2%	166	2	6.5%	31
WIST7093	233	5.7%	4104	8	21.6%	37	33	11.7%	282	11	16.9%	65	27	6.9%	394	10	12.8%	78
WIST7094	120	2.9%	4123	1	4.2%	24	15	5.7%	262	6	8.8%	68	17	4.8%	353	3	4.0%	75
WIST7095	28	2.2%	1262	1	7.1%	14	3	3.5%	86		0.0%	24	6	5.4%	111	1	4.8%	21
WIST7098	144	4.4%	3260	2	5.7%	35	22	11.6%	189	7	13.0%	54	29	10.0%	291	2	3.2%	63
WIST7103	111	3.4%	3292	7	14.3%	49	22	8.6%	257	2	3.6%	56	12	3.6%	329	3	3.8%	78
WIST7106	52	1.4%	3725	1	3.8%	26	6	3.0%	201	6	13.6%	44	12	4.0%	299	3	5.2%	58
WIST7108	340	4.5%	7560	17	13.5%	126	40	6.4%	624	15	12.7%	118	41	5.5%	749	13	8.3%	156
WIST7109	234	4.9%	4772	8	10.3%	78	34	9.1%	373	8	7.8%	102	30	6.8%	441	4	4.0%	101
WIST7113	137	3.5%	3869	7	9.2%	76	17	6.5%	261	6	7.7%	78	24	7.2%	335	3	3.6%	83
WIST7115	5	2.2%	226		0.0%	3		0.0%	17		0.0%	2	1	4.5%	22		0.0%	3
WIST7116	206	3.1%	6625	7	12.5%	56	38	9.3%	407	12	9.2%	130	37	6.6%	561	9	6.0%	149
WIST7118	149	4.5%	3339	7	12.5%	56	28	10.9%	256	9	14.1%	64	26	8.2%	317	6	8.1%	74
WIST7119	112	3.3%	3354	5	15.6%	32	15	8.1%	186	5	8.6%	58	13	4.5%	289	2	2.5%	79
WIST7120	135	9.6%	1405	8	15.4%	52	18	13.7%	131	9	13.2%	68	19	12.6%	151	8	14.3%	56
WIST7121	42	1.9%	2209	2	15.4%	13	4	3.8%	106	1	5.0%	20	11	6.8%	162	2	5.0%	40
WIST7123	168	3.8%	4414	4	6.3%	63	23	8.6%	267	8	8.7%	92	25	7.1%	353	2	2.2%	91
WIST7124	106	4.0%	2623	8	38.1%	21	11	8.5%	130	7	14.6%	48	13	7.0%	186	4	6.2%	65
WIST7125	60	10.9%	548	4	25.0%	16	10	19.2%	52	6	21.4%	28	2	4.3%	46	3	8.3%	36
WIST7126	80	5.1%	1569	2	12.5%	16	11	9.2%	119	1	2.8%	36	12	8.8%	136	1	2.4%	42
WIST7127	179	4.0%	4430	7	17.9%	39	23	8.7%	264	7	9.3%	75	21	5.3%	397	8	7.5%	107
WIST7128	7	2.7%	256		0.0%	1	1	16.7%	6		0.0%	6	2	15.4%	13		0.0%	9
WIST7129	40	2.6%	1510	3	13.6%	22	9	6.1%	148	2	5.7%	35	6	3.8%	157	2	5.0%	40
WIST7130	21	3.4%	618		0.0%	8	2	5.7%	35	2	11.8%	17	1	2.3%	44	3	14.3%	21
WIST7131	33	6.9%	477	1	7.1%	14	4	8.9%	45	1	7.1%	14	4	7.4%	54		0.0%	17
WIST7132	0	0.0%	22		0.0%	3		#DIV/0!			0.0%	1		#DIV/0!			0.0%	2
WIST7133	0	0.0%	2		#DIV/0!			#DIV/0!			0.0%	1		#DIV/0!			#DIV/0!	
WIST8001	51	3.3%	1562	1	5.3%	19	7	7.6%	92		0.0%	18	11	7.1%	156		0.0%	24
WIST8002	178	2.9%	6062	3	6.3%	48	23	6.6%	347	5	5.8%	86	23	4.5%	512	6	5.0%	120
WIST8003	14	35.9%	39		#DIV/0!		1	100.0%	1		#DIV/0!			#DIV/0!		1	100.0%	1
WIST8004	1168	10.6%	11055	89	19.0%	468	200	15.8%	1263	63	12.0%	525	127	10.5%	1213	54	9.9%	543
WIST8005	362	6.9%	5231	19	15.2%	125	47	13.4%	350	20	10.1%	198	51	10.2%	501	21	12.2%	172
WIST8006	800	6.2%	12965	54	21.4%	252	109	13.3%	817	48	13.6%	353	97	8.2%	1185	40	10.5%	381
WIST8007	248	4.2%	5930	12	11.4%	105	41	9.3%	441	15	10.7%	140	24	4.4%	547	8	5.3%	152
WIST8008	338	10.6%	3197	22	21.0%	105	72	22.6%	318	22	16.2%	136	33	10.9%	304	10	8.4%	119

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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
WIST8009	81	3.0%	2659	4	12.5%	32	10	5.2%	193		0.0%	45	5	2.3%	218	2	3.3%	60
WIST8011	235	4.0%	5817	14	14.9%	94	27	6.0%	450	13	11.0%	118	25	4.8%	526	12	9.2%	130
WIST8016	17	5.7%	299	1	16.7%	6	2	11.1%	18	1	20.0%	5	1	3.3%	30		0.0%	5
WISTT001	103	3.3%	3105	6	18.8%	32	9	4.5%	200		0.0%	37	7	2.3%	307	2	3.5%	57
WISTT002	29	7.1%	411	1	11.1%	9	5	8.9%	56	1	10.0%	10	4	8.7%	46	4	33.3%	12
WISTT003	442	9.2%	4816	34	28.6%	119	74	15.4%	480	30	16.9%	177	45	9.6%	468	17	10.6%	161
WISTT005	111	3.6%	3093	3	7.9%	38	24	10.5%	229		0.0%	48	11	4.2%	264	1	1.4%	72
WISTT006	113	4.3%	2629	6	17.6%	34	20	9.9%	203	5	9.8%	51	16	5.4%	298	3	5.4%	56
WISTT007	10	5.7%	175		0.0%	3	1	8.3%	12		0.0%	3	1	5.3%	19	1	20.0%	5
TOTAL	31416	4.8%	654190	1660	15.2%	10948	4668	9.3%	50025	1509	10.1%	14964	4016	6.5%	61327	1235	7.1%	17303

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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
WIST1002	6	17.6%	34		0.0%	1	1	33.3%	3	1	20.0%	5		#DIV/0!			0.0%	1
WIST1003	39	3.3%	1191	4	3.1%	130	3	10.0%	30	6	3.9%	155		0.0%	21	2	2.0%	99
WIST1012	28	3.1%	908	4	4.0%	100		0.0%	22	1	0.9%	115	1	8.3%	12		0.0%	82
WIST1016	15	5.8%	260	1	3.6%	28		0.0%	4	3	10.7%	28		0.0%	3	1	4.8%	21
WIST1017	191	7.9%	2404	16	6.9%	231	10	10.5%	95	14	4.9%	285	2	3.0%	66	6	2.5%	236
WIST1018	24	3.9%	616	1	1.4%	73	1	3.7%	27	2	2.9%	70	1	3.8%	26	2	3.7%	54
WIST2014	57	9.0%	632	4	5.9%	68		0.0%	20	4	6.5%	62		0.0%	9	1	1.9%	54
WIST2015	77	2.6%	2999	8	2.6%	304	1	1.4%	74	7	1.9%	369	2	3.1%	65	1	0.3%	366
WIST2017	40	2.3%	1749	5	3.1%	163		0.0%	40	4	1.8%	217	2	6.1%	33		0.0%	211
WIST2018	152	2.8%	5503	19	2.8%	672	4	2.6%	151	13	2.0%	653	3	3.7%	82	7	1.3%	538
WIST2019	36	4.5%	807	5	6.9%	72		0.0%	31	1	1.1%	88		0.0%	15	1	1.3%	78
WIST2021	92	5.2%	1761	9	4.5%	202	2	3.7%	54	5	2.4%	207		0.0%	35	6	3.4%	178
WIST2023	24	2.5%	950	1	1.1%	87		0.0%	23	1	0.9%	111	1	5.6%	18		0.0%	82
WIST2024	130	4.4%	2938	17	5.3%	318	4	4.8%	83	11	3.2%	346	1	1.8%	55	5	1.8%	280
WIST2025	84	3.4%	2441	19	7.5%	253	1	1.4%	73	6	2.2%	279	2	4.7%	43	5	1.8%	272
WIST2026	333	3.1%	10859	47	4.2%	1132	12	4.8%	248	35	2.6%	1370	2	1.1%	180	18	1.5%	1240
WIST2027	52	2.9%	1808	9	6.3%	142		0.0%	42	5	2.7%	185		0.0%	24	3	1.3%	229
WIST2028	4	2.4%	165	1	11.1%	9		0.0%	8		0.0%	15		0.0%	7		0.0%	5
WIST3003	64	4.7%	1371	9	5.6%	161	2	6.9%	29	3	1.8%	171	1	4.0%	25	8	6.0%	133
WIST3005	84	2.6%	3201	13	4.4%	297	1	1.8%	55	11	2.7%	414		0.0%	45	5	1.3%	393
WIST3006	64	3.5%	1808	10	6.1%	164	1	2.3%	44	4	1.8%	217		0.0%	25	3	2.0%	153
WIST3013	179	4.9%	3656	14	3.7%	376	10	8.1%	123	14	3.2%	434	5	6.0%	83	2	0.6%	339
WIST3014	146	7.4%	1982	12	6.0%	200	6	8.8%	68	11	5.4%	203	3	7.7%	39	4	2.3%	176
WIST3015	16	3.6%	443	1	3.1%	32		0.0%	20		0.0%	51	1	9.1%	11		0.0%	35
WIST3016	378	7.0%	5415	32	5.7%	560	15	9.2%	163	28	4.6%	611	6	5.4%	111	11	2.6%	423
WIST3018	131	8.7%	1506	21	13.2%	159	5	5.7%	87	9	5.1%	178	3	10.7%	28	3	3.1%	97
WIST3021	49	3.4%	1454	4	2.9%	136	2	5.3%	38	10	5.3%	189		0.0%	15	1	0.7%	142
WIST3022	1	0.6%	166		0.0%	7		0.0%	4		0.0%	26		#DIV/0!			0.0%	10
WIST3023	51	3.2%	1577	6	4.3%	141	1	2.6%	39	3	1.9%	155	1	3.3%	30	5	2.3%	218
WIST3024	104	4.8%	2170	14	6.3%	221	3	4.5%	67	7	2.8%	251	1	2.6%	39	1	0.5%	211
WIST3025	25	4.7%	536	4	8.2%	49		0.0%	18	5	7.8%	64		0.0%	9	1	2.1%	47
WIST3028	7	3.6%	192		0.0%	14		0.0%	3		0.0%	17	1	20.0%	5		0.0%	17
WIST3029	23	4.2%	543	4	6.7%	60	1	7.7%	13	1	2.1%	47		0.0%	9	1	1.7%	58
WIST4002	33	3.0%	1083	4	3.5%	113	1	4.8%	21	4	2.5%	157	1	6.3%	16	3	2.9%	105
WIST4003	159	4.3%	3661	21	5.2%	406	3	3.5%	86	17	3.8%	448	4	6.3%	64	9	2.2%	403
WIST4004	102	3.4%	3006	9	2.7%	328	2	3.3%	61	8	2.0%	392	1	2.7%	37	8	2.6%	311
WIST4006	184	2.8%	6686	26	3.4%	754	6	4.8%	126	22	2.5%	885	4	3.9%	102	12	1.7%	709
WIST4009	99	4.1%	2410	16	6.3%	253	4	6.2%	65	6	1.9%	316	1	2.1%	47	4	1.6%	252
WIST4014	23	2.4%	939	5	5.6%	89	1	5.6%	18	3	2.9%	102		0.0%	7		0.0%	87
WIST4017	138	3.3%	4226	21	4.7%	445	7	6.9%	101	18	3.1%	583	1	1.3%	76	6	1.3%	455
WIST4019	80	4.7%	1714	10	5.2%	194	4	6.9%	58	5	3.0%	167	1	3.6%	28	2	1.6%	126

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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
WIST4026	74	3.0%	2499	10	4.8%	209	2	4.2%	48	7	2.4%	295	1	2.2%	46	5	1.5%	336
WIST4031	225	5.9%	3810	26	6.0%	433	3	2.4%	124	21	5.7%	366	1	1.4%	70	2	0.7%	307
WIST4032	959	15.1%	6363	92	14.5%	636	35	12.7%	276	61	10.6%	578	13	11.6%	112	20	5.6%	357
WIST4039	11	2.7%	410	1	2.7%	37		0.0%	14	2	3.3%	61		0.0%	3		0.0%	43
WIST4040	56	2.5%	2224	9	4.4%	204	1	2.3%	44	1	0.4%	269		0.0%	37		0.0%	276
WIST4042	272	5.3%	5149	35	6.3%	552	8	4.4%	183	12	2.2%	553	1	0.8%	124	4	1.0%	382
WIST4043	585	5.7%	10334	67	5.8%	1152	23	6.2%	372	45	3.9%	1163	5	2.0%	244	20	2.3%	870
WIST4044	525	7.6%	6938	51	7.4%	686	12	4.7%	258	34	4.8%	702	6	4.2%	142	16	2.7%	591
WIST4045	93	4.1%	2264	15	5.9%	255	2	4.1%	49	5	2.1%	237	2	5.3%	38	9	4.1%	217
WIST4048	143	4.2%	3393	21	5.8%	364	5	6.3%	80	8	2.0%	408	2	3.7%	54	11	2.9%	383
WIST4049	32	3.4%	944	3	2.9%	104	2	13.3%	15	3	2.7%	112		0.0%	15		0.0%	98
WIST4050	55	2.4%	2324	9	3.8%	238		0.0%	46	7	2.4%	286	2	6.5%	31	2	0.8%	257
WIST4051	124	4.6%	2707	12	4.1%	293	3	4.6%	65	8	2.6%	305		0.0%	30	5	2.1%	236
WIST4053	16	9.8%	163	3	12.0%	25		0.0%	2	1	6.7%	15	1	50.0%	2	1	8.3%	12
WIST4054	110	3.9%	2834	10	3.2%	308	2	2.5%	79	11	3.1%	351	1	2.0%	50	8	2.8%	287
WIST4055	46	3.9%	1189	7	6.2%	113	1	3.8%	26	2	1.7%	121	1	3.4%	29	4	3.1%	129
WIST4056	17	14.4%	118	2	12.5%	16		0.0%	5	2	25.0%	8	1	100.0%	1		0.0%	10
WIST4057	17	3.6%	477	3	5.9%	51	1	4.5%	22	3	5.0%	60		0.0%	20	1	3.0%	33
WIST5003	217	8.5%	2546	22	8.8%	250	12	14.5%	83	15	5.2%	287	3	5.4%	56	9	4.0%	226
WIST5004	72	2.5%	2828	8	2.4%	330	4	7.3%	55	12	3.2%	374		0.0%	45	4	1.2%	332
WIST5005	81	4.7%	1731	6	3.1%	192	1	2.9%	34	6	3.1%	194		0.0%	29	1	0.7%	153
WIST5008	306	4.0%	7708	34	3.9%	872	6	3.3%	184	31	3.2%	959	4	3.1%	129	16	2.3%	711
WIST5009	24	1.9%	1263	1	0.8%	130		0.0%	30	2	1.3%	152	2	8.7%	23	4	2.8%	144
WIST5011	113	2.8%	4052	14	3.4%	413	5	6.0%	83	6	1.1%	538	1	1.6%	64	7	1.4%	483
WIST5012	89	3.5%	2552	15	5.7%	261	3	5.5%	55		0.0%	312	2	5.1%	39	6	1.8%	325
WIST5014	228	3.0%	7505	36	4.9%	729	7	3.9%	181	16	1.7%	932	3	2.3%	132	11	1.4%	809
WIST5015	256	9.4%	2713	32	11.4%	281	6	7.1%	84	12	4.7%	256	4	7.1%	56	2	1.1%	184
WIST5017	86	4.6%	1869	5	2.6%	189	2	4.9%	41	5	2.4%	212	2	5.1%	39	4	2.3%	174
WIST5021	64	5.9%	1093	7	5.9%	118	2	6.3%	32	7	5.9%	118		0.0%	22	1	1.0%	104
WIST5023	33	5.5%	602	2	2.8%	71		0.0%	28	2	2.5%	80		0.0%	20	3	6.0%	50
WIST5029	311	4.1%	7675	41	5.4%	753	11	5.4%	202	35	3.9%	901	3	2.4%	124	18	2.1%	841
WIST5036	69	9.7%	713	10	14.1%	71	3	12.0%	25	7	8.3%	84	2	11.8%	17	7	9.7%	72
WIST5037	53	2.8%	1865	10	5.0%	200	1	2.0%	51	3	1.3%	231	1	2.9%	35	3	1.5%	197
WIST5040	58	4.2%	1370	7	5.3%	131	1	2.8%	36	2	1.4%	146		0.0%	20	7	5.8%	121
WIST5041	51	3.1%	1647	9	5.4%	168		0.0%	20	9	4.6%	197	1	4.8%	21	2	1.0%	203
WIST5044	25	3.3%	748	5	7.5%	67		0.0%	19		0.0%	78		0.0%	9	1	1.0%	100
WIST5045	16	4.4%	367	3	6.3%	48		0.0%	3		0.0%	27		0.0%	2		0.0%	35
WIST5047	0	0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST5049	89	2.8%	3191	14	4.0%	350	3	4.1%	73	3	0.8%	396	2	4.2%	48	2	0.5%	380
WIST5053	33	3.5%	953	2	1.9%	106		0.0%	18	2	1.9%	106		0.0%	6	1	1.3%	77
WIST5055	396	5.9%	6729	48	6.3%	765	19	7.7%	246	31	3.9%	796	4	3.7%	108	21	3.2%	664

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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
WIST5058	72	6.0%	1209	4	3.4%	117	2	4.9%	41	4	2.7%	148		0.0%	14	1	1.1%	87
WIST5061	2	2.4%	85		0.0%	9		0.0%	2		0.0%	5	1	25.0%	4		0.0%	6
WIST5066	227	5.6%	4081	31	6.8%	454	5	4.8%	104	18	3.9%	460	3	4.9%	61	6	1.8%	332
WIST5069	1026	9.6%	10685	104	9.0%	1151	39	7.5%	523	56	5.5%	1022	12	4.8%	252	27	4.1%	658
WIST5071	570	6.1%	9345	60	6.0%	992	19	7.3%	262	38	3.7%	1023	8	4.9%	162	23	2.5%	908
WIST5074	227	4.5%	4990	29	4.8%	606	9	6.3%	144	17	2.8%	612	1	1.0%	101	8	1.6%	488
WIST5075	78	8.8%	888	11	10.8%	102	8	18.2%	44	5	5.1%	98	3	15.0%	20		0.0%	62
WIST5076	267	4.5%	5897	28	4.5%	627	7	4.0%	176	21	3.2%	652	5	3.7%	134	10	1.9%	538
WIST5077	87	3.4%	2524	13	4.7%	275	2	3.7%	54	8	2.3%	342	1	2.6%	38	8	2.7%	294
WIST5078	7	5.3%	131	1	7.7%	13		0.0%	9	1	7.1%	14		0.0%	1		0.0%	10
WIST6001	704	7.7%	9091	68	7.2%	942	15	5.9%	253	42	4.6%	919	9	6.2%	145	19	2.8%	683
WIST6004	169	3.1%	5371	33	5.7%	584	3	2.5%	118	11	1.5%	730	3	3.9%	77	12	1.9%	635
WIST6007	34	4.0%	845	4	4.0%	100		0.0%	24	3	3.4%	88		0.0%	6	1	1.2%	83
WIST6012	32	5.2%	620	4	5.2%	77		0.0%	14	1	1.2%	83		0.0%	7	1	1.5%	68
WIST6013	75	3.2%	2378	10	3.6%	276	2	4.1%	49	8	2.8%	283	1	2.9%	34	4	1.5%	274
WIST6014	41	3.7%	1107	5	3.9%	127	2	5.6%	36	2	1.7%	116	1	5.0%	20	3	3.0%	100
WIST6016	101	4.7%	2157	10	4.6%	217	1	2.0%	51	4	1.7%	235	1	2.2%	45	5	2.3%	219
WIST6018	394	6.6%	5988	35	5.2%	667	10	5.9%	169	27	4.5%	598	3	3.4%	87	13	2.7%	482
WIST6021	46	3.1%	1490	5	3.1%	161		0.0%	29	3	1.4%	208		0.0%	19	2	1.3%	159
WIST6022	88	3.5%	2550	13	5.1%	256	1	1.7%	58	11	3.4%	322		0.0%	33	5	1.8%	284
WIST6026	27	2.6%	1034	3	4.0%	75		0.0%	30	2	1.6%	124		0.0%	9	1	1.0%	97
WIST6030	68	2.7%	2489	6	2.6%	230		0.0%	61	6	1.9%	308		0.0%	38	6	2.0%	293
WIST6031	52	3.8%	1367	8	5.2%	155	3	8.8%	34	7	4.3%	161	1	6.3%	16	3	2.4%	125
WIST6033	33	3.0%	1083	6	6.3%	96	2	12.5%	16	4	3.3%	122	1	5.3%	19		0.0%	118
WIST6034	44	2.7%	1604	3	1.6%	186	2	6.9%	29	7	4.1%	172		0.0%	32	4	2.2%	181
WIST6035	163	7.8%	2103	18	7.5%	241	8	11.4%	70	12	4.9%	245		0.0%	32	5	3.0%	165
WIST6036	38	4.8%	784	8	9.4%	85		0.0%	14	1	1.1%	89		0.0%	13		0.0%	76
WIST6037	556	8.0%	6965	52	7.1%	729	8	3.2%	250	31	5.1%	605	7	5.9%	118	25	4.9%	514
WIST6039	67	3.5%	1939	13	7.7%	168	8	15.4%	52	9	4.0%	227		0.0%	27	5	2.3%	222
WIST6040	343	5.8%	5877	33	5.5%	595	16	6.7%	238	24	4.1%	590	6	4.3%	139	15	3.1%	480
WIST6041	249	2.6%	9603	30	3.1%	964	5	2.6%	191	20	1.7%	1197	1	0.6%	170	8	0.7%	1074
WIST6042	13	8.1%	161	3	12.0%	25	1	14.3%	7	1	7.1%	14		0.0%	5		0.0%	14
WIST7003	99	5.4%	1835	10	5.3%	188	2	3.2%	62	7	3.8%	186		0.0%	31	5	3.2%	156
WIST7004	278	6.3%	4430	27	5.7%	473	1	0.9%	109	30	6.1%	492		0.0%	65	6	1.5%	402
WIST7006	41	3.9%	1058	6	6.8%	88	1	3.4%	29	4	3.4%	118		0.0%	13	4	3.8%	104
WIST7007	31	5.7%	547	5	8.6%	58	2	13.3%	15		0.0%	61	1	8.3%	12		0.0%	55
WIST7009	110	3.5%	3109	11	3.4%	326	2	1.8%	109	5	1.4%	352	2	3.5%	57	2	0.7%	285
WIST7011	339	5.9%	5731	44	8.1%	543	8	5.5%	146	29	4.6%	631	6	5.9%	101	6	1.3%	479
WIST7014	250	3.9%	6416	24	3.5%	689	4	2.2%	182	29	3.7%	785	4	3.4%	119	10	1.6%	623
WIST7015	11	4.3%	256	2	7.1%	28		0.0%	5	2	7.4%	27		0.0%	9		0.0%	28
WIST7016	249	3.2%	7767	34	4.1%	833	6	3.8%	160	32	3.2%	992	1	0.9%	116	13	1.4%	900

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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
WIST7018	19	1.8%	1068	5	5.3%	94		0.0%	28	3	2.3%	132	1	7.7%	13		0.0%	106
WIST7020	36	3.8%	949	4	3.6%	110	3	15.0%	20	2	2.0%	100		0.0%	9	1	1.2%	86
WIST7021	37	4.0%	923	3	2.9%	102	1	3.1%	32	2	1.9%	107		0.0%	14		0.0%	74
WIST7022	74	2.5%	2990	14	4.4%	319		0.0%	58	8	2.1%	378	3	7.0%	43	2	0.6%	313
WIST7023	143	5.1%	2820	11	3.5%	317	5	6.3%	79	6	1.9%	312	2	3.6%	55	4	1.5%	261
WIST7024	42	5.2%	813	8	8.3%	96	2	10.5%	19	3	3.8%	80		0.0%	15	2	2.5%	80
WIST7025	15	2.2%	689		0.0%	67		0.0%	17		0.0%	97		0.0%	16	4	5.3%	75
WIST7027	54	17.0%	318	3	10.3%	29	2	8.7%	23	2	7.7%	26		0.0%	8	3	23.1%	13
WIST7030	472	5.2%	9075	62	6.6%	933	12	4.4%	272	45	4.4%	1030	6	3.6%	167	13	1.5%	854
WIST7031	31	3.3%	950	1	1.2%	86		0.0%	24	4	3.4%	116	1	6.3%	16	2	1.6%	127
WIST7032	54	10.3%	524	6	11.5%	52	2	6.9%	29	2	5.3%	38		0.0%	13		0.0%	28
WIST7033	333	6.1%	5446	40	6.9%	576	8	4.8%	168	25	4.3%	578	3	3.3%	92	12	2.6%	454
WIST7036	377	7.1%	5320	36	6.4%	561	7	3.8%	186	24	4.5%	536	2	2.1%	94	10	2.4%	421
WIST7039	46	3.0%	1528	8	4.3%	185		0.0%	42	5	2.6%	189	1	5.6%	18	2	1.2%	162
WIST7040	94	2.9%	3285	14	3.7%	377	1	1.4%	69	12	2.7%	439	1	1.9%	52	2	0.6%	319
WIST7041	208	4.4%	4678	22	4.4%	498	6	5.7%	105	22	4.1%	532	1	1.3%	78	6	1.2%	506
WIST7042	251	2.9%	8747	29	3.1%	948	11	5.2%	213	33	3.0%	1089	1	0.8%	131	12	1.3%	947
WIST7044	122	2.9%	4187	18	3.8%	472	4	3.8%	106	15	3.0%	505		0.0%	72	6	1.4%	430
WIST7045	209	3.5%	5941	25	4.0%	627	4	3.1%	131	23	3.1%	745	1	1.1%	92	12	2.0%	615
WIST7046	245	8.7%	2818	28	9.5%	296	6	5.5%	109	9	3.2%	285	2	4.2%	48	6	3.4%	176
WIST7049	72	3.1%	2336	9	4.0%	225		0.0%	52	6	2.0%	295	1	2.2%	46	1	0.3%	296
WIST7052	302	3.8%	8001	36	4.0%	893	11	6.3%	174	31	3.0%	1036	4	3.2%	124	14	1.6%	882
WIST7053	87	3.8%	2276	11	4.4%	248	1	2.3%	43	9	3.6%	248	1	3.3%	30	4	2.0%	204
WIST7054	31	2.7%	1148	7	5.0%	141	2	12.5%	16	2	1.4%	142		0.0%	13		0.0%	99
WIST7055	199	3.9%	5083	28	4.9%	575	4	3.2%	126	21	3.5%	593	3	4.2%	72	5	1.1%	461
WIST7056	161	3.6%	4486	22	4.3%	515	2	1.8%	113	15	2.6%	572	1	1.3%	75	8	1.8%	457
WIST7061	57	4.7%	1219	2	1.5%	137		0.0%	18	8	5.4%	148	1	6.7%	15	4	3.5%	115
WIST7062	93	3.6%	2562	8	3.1%	254	2	4.2%	48	8	2.2%	358	2	7.7%	26	7	2.6%	268
WIST7064	101	2.2%	4628	13	2.8%	466	2	2.9%	70	12	2.0%	595	2	3.1%	65	4	0.6%	641
WIST7065	337	5.7%	5949	39	6.0%	649	14	8.2%	170	25	3.9%	649	5	5.8%	86	8	1.7%	474
WIST7067	31	2.1%	1475	4	2.3%	176	2	7.7%	26	3	1.9%	155		0.0%	19	3	2.0%	152
WIST7068	122	3.6%	3408	19	5.4%	353	3	3.5%	85	10	2.4%	420		0.0%	41	10	2.7%	375
WIST7069	204	3.8%	5430	34	5.8%	586	5	3.3%	153	23	3.7%	623	3	2.5%	118	6	0.9%	635
WIST7070	71	3.3%	2147	13	6.1%	212	2	4.1%	49	6	2.3%	266	2	4.5%	44	4	1.6%	249
WIST7071	117	3.1%	3720	18	3.9%	463	4	3.6%	112	9	2.0%	461	1	1.2%	85	7	2.1%	339
WIST7072	127	3.4%	3685	15	3.7%	405	6	6.4%	94	10	2.0%	492		0.0%	64	5	1.4%	359
WIST7073	231	5.7%	4050	16	4.3%	374	10	7.9%	127	23	4.9%	467	3	3.8%	78	7	2.0%	343
WIST7074	995	7.8%	12721	86	6.4%	1338	19	3.8%	502	49	3.9%	1255	13	5.0%	262	27	3.4%	795
WIST7075	67	2.6%	2596	6	2.1%	281	1	2.4%	41	5	1.7%	293		0.0%	39	1	0.4%	281
WIST7076	203	2.9%	7067	23	3.0%	757		0.0%	183	18	2.2%	813	1	0.8%	123	10	1.3%	795
WIST7078	71	2.2%	3290	5	1.5%	343	1	1.6%	62	3	0.8%	375		0.0%	60	2	0.5%	412

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST7079	101	10.3%	978	7	7.0%	100	4	9.5%	42	8	7.3%	109	1	5.9%	17		0.0%	71
WIST7080	125	3.3%	3839	17	4.3%	398	3	4.1%	74	10	2.3%	441		0.0%	57	5	1.3%	400
WIST7081	246	5.1%	4832	30	5.7%	526	7	4.5%	157	24	4.2%	573	1	1.2%	82	6	1.4%	422
WIST7083	307	3.2%	9601	39	3.8%	1015	12	5.4%	224	23	1.9%	1226	4	2.7%	148	13	1.4%	946
WIST7086	18	1.9%	931	1	1.0%	101	1	3.4%	29	1	1.0%	104		0.0%	13	1	1.0%	100
WIST7088	101	5.0%	2016	21	9.7%	216	5	9.1%	55	5	2.4%	207	1	3.2%	31	5	2.8%	180
WIST7092	73	4.1%	1787	12	6.3%	190	3	7.5%	40	5	2.5%	198	1	3.3%	30	3	1.4%	216
WIST7093	233	5.7%	4104	21	4.7%	449	14	15.9%	88	17	3.3%	519	9	12.3%	73	14	3.0%	473
WIST7094	120	2.9%	4123	12	2.7%	449	4	4.7%	86	9	1.7%	530	1	1.8%	57	6	1.3%	466
WIST7095	28	2.2%	1262	3	2.2%	136	1	2.4%	42	1	0.7%	139		0.0%	19	3	2.1%	144
WIST7098	144	4.4%	3260	21	6.1%	344	5	5.7%	87	15	3.3%	457	2	3.1%	65	8	1.9%	412
WIST7103	111	3.4%	3292	17	4.9%	347	1	1.4%	73	12	2.9%	420		0.0%	57	4	1.3%	305
WIST7106	52	1.4%	3725	5	1.4%	348		0.0%	67	1	0.2%	490	2	2.9%	69		0.0%	605
WIST7108	340	4.5%	7560	47	5.6%	843	4	2.2%	183	28	3.0%	929	4	3.4%	119	14	2.0%	689
WIST7109	234	4.9%	4772	26	4.8%	537	10	7.2%	139	19	3.3%	574	4	5.3%	76	11	2.4%	468
WIST7113	137	3.5%	3869	12	2.9%	417	2	2.1%	94	14	2.8%	498	1	1.6%	63	3	0.7%	403
WIST7115	5	2.2%	226	1	4.0%	25		0.0%	5		0.0%	26		0.0%	1		0.0%	22
WIST7116	206	3.1%	6625	28	3.9%	716	8	4.6%	173	18	2.2%	833	3	2.3%	133	15	1.9%	786
WIST7118	149	4.5%	3339	13	3.3%	389	1	1.1%	89	16	4.3%	374		0.0%	47	5	1.4%	354
WIST7119	112	3.3%	3354	10	2.8%	359	3	3.7%	81	9	2.4%	381	2	3.2%	63	10	2.7%	371
WIST7120	135	9.6%	1405	15	10.3%	145	6	9.0%	67	6	5.3%	114		0.0%	42	5	5.4%	93
WIST7121	42	1.9%	2209	6	2.9%	208		0.0%	52	7	3.0%	236		0.0%	29	1	0.4%	270
WIST7123	168	3.8%	4414	19	4.6%	412	3	2.4%	123	17	3.3%	511	4	5.1%	79	9	2.0%	450
WIST7124	106	4.0%	2623	8	3.0%	271	4	6.6%	61	16	4.7%	338	2	3.0%	67	8	2.6%	313
WIST7125	60	10.9%	548	5	9.1%	55	4	11.4%	35	3	5.1%	59		0.0%	14	2	6.3%	32
WIST7126	80	5.1%	1569	7	4.6%	151	4	10.8%	37	13	6.6%	197		0.0%	28	5	3.1%	163
WIST7127	179	4.0%	4430	20	4.3%	463	6	5.6%	107	18	3.4%	522	2	2.4%	83	8	1.6%	512
WIST7128	7	2.7%	256	1	4.5%	22		0.0%	6		0.0%	23		0.0%	5	1	5.3%	19
WIST7129	40	2.6%	1510	3	1.9%	161		0.0%	33	5	3.2%	157		0.0%	25		0.0%	129
WIST7130	21	3.4%	618	4	6.2%	65		0.0%	24	2	3.0%	66		0.0%	9	1	1.5%	67
WIST7131	33	6.9%	477	7	13.2%	53	1	7.1%	14	2	3.7%	54		0.0%	6	1	3.1%	32
WIST7132	0	0.0%	22		0.0%	5		#DIV/0!			0.0%	3		0.0%	2		#DIV/0!	
WIST7133	0	0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST8001	51	3.3%	1562	10	6.2%	161		0.0%	28	1	0.5%	201		0.0%	23	3	1.8%	164
WIST8002	178	2.9%	6062	37	5.6%	660	8	6.2%	129	16	2.1%	749	2	1.7%	119	12	1.6%	757
WIST8003	14	35.9%	39		#DIV/0!			0.0%	1		#DIV/0!			#DIV/0!		1	33.3%	3
WIST8004	1168	10.6%	11055	93	8.5%	1094	35	7.6%	459	52	5.4%	958	13	4.8%	272	26	4.3%	603
WIST8005	362	6.9%	5231	43	7.4%	585	8	4.0%	201	29	4.4%	654	4	3.1%	131	14	3.1%	448
WIST8006	800	6.2%	12965	94	7.1%	1320	33	7.7%	426	57	3.8%	1509	17	5.6%	306	29	2.1%	1362
WIST8007	248	4.2%	5930	31	4.9%	634	6	3.2%	187	22	3.2%	685	4	3.5%	113	13	2.3%	572
WIST8008	338	10.6%	3197	29	8.7%	335	12	10.4%	115	8	2.7%	296	2	3.1%	64	11	5.2%	212

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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
WIST8009	81	3.0%	2659	11	3.5%	316	4	7.0%	57	7	2.2%	319		0.0%	36	5	1.8%	275
WIST8011	235	4.0%	5817	27	4.7%	570	4	2.6%	154	17	2.5%	670	6	5.7%	106	7	1.3%	558
WIST8016	17	5.7%	299	2	9.1%	22	2	18.2%	11	1	3.6%	28		0.0%	3	1	4.2%	24
WISTT001	103	3.3%	3105	18	6.0%	298	3	4.1%	73	12	2.9%	409	1	2.1%	47	9	2.7%	336
WISTT002	29	7.1%	411	2	4.7%	43	2	15.4%	13	4	10.5%	38		0.0%	7		0.0%	30
WISTT003	442	9.2%	4816	44	8.4%	526	24	12.8%	187	36	7.4%	487	5	5.7%	87	9	2.4%	379
WISTT005	111	3.6%	3093	20	6.1%	330	4	6.3%	63	12	3.2%	373	1	2.2%	46	7	2.1%	329
WISTT006	113	4.3%	2629	11	3.6%	308	3	4.2%	71	14	4.4%	319	3	7.5%	40	6	2.2%	274
WISTT007	10	5.7%	175	5	25.0%	20		0.0%	11	1	5.3%	19		0.0%	7		0.0%	9
TOTAL	31416	4.8%	654190	3613	5.2%	69117	933	5.1%	18162	2443	3.2%	75952	375	3.2%	11585	1207	1.9%	63823

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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
WIST1002	6	17.6%	34		0.0%	2		#DIV/O!			#DIV/O!			0.0%	3		#DIV/O!	
WIST1003	39	3.3%	1191	1	3.3%	30		0.0%	145		0.0%	15	1	0.7%	139		0.0%	10
WIST1012	28	3.1%	908	1	4.3%	23		0.0%	102		0.0%	12	1	1.1%	94		0.0%	7
WIST1016	15	5.8%	260		0.0%	5		0.0%	37		0.0%	4	1	2.8%	36		#DIV/O!	
WIST1017	191	7.9%	2404	3	4.9%	61	2	0.8%	256	1	2.3%	43	4	1.5%	262	2	66.7%	3
WIST1018	24	3.9%	616	1	5.6%	18		0.0%	66		0.0%	13	1	1.8%	56		0.0%	5
WIST2014	57	9.0%	632	1	4.2%	24		0.0%	47		0.0%	4	2	3.3%	60		0.0%	1
WIST2015	77	2.6%	2999		0.0%	77	1	0.2%	435	1	2.4%	41	2	0.4%	447		0.0%	27
WIST2017	40	2.3%	1749	2	6.3%	32	2	0.7%	293		0.0%	19	1	0.3%	329		0.0%	20
WIST2018	152	2.8%	5503	1	0.7%	147	1	0.2%	659		0.0%	57	4	0.6%	657		0.0%	31
WIST2019	36	4.5%	807	1	7.1%	14	3	3.3%	91		0.0%	8	1	0.9%	112		0.0%	3
WIST2021	92	5.2%	1761	1	3.0%	33	6	2.7%	219		0.0%	12	1	0.4%	233		0.0%	5
WIST2023	24	2.5%	950		0.0%	15		0.0%	112		0.0%	7	1	0.8%	131		0.0%	2
WIST2024	130	4.4%	2938	2	2.9%	70	7	1.7%	408	2	5.7%	35	3	0.9%	334		0.0%	14
WIST2025	84	3.4%	2441	1	1.5%	66	2	0.5%	382		0.0%	44	4	1.0%	402		0.0%	19
WIST2026	333	3.1%	10859	2	0.8%	242	12	0.8%	1597	1	1.0%	101	6	0.4%	1653		0.0%	48
WIST2027	52	2.9%	1808	1	2.4%	42	3	0.9%	339	1	3.8%	26	4	1.0%	392		0.0%	34
WIST2028	4	2.4%	165		0.0%	7		0.0%	16		0.0%	11		0.0%	13		0.0%	13
WIST3003	64	4.7%	1371	1	4.2%	24	2	1.2%	164		0.0%	9	1	0.6%	158		0.0%	11
WIST3005	84	2.6%	3201	3	3.8%	79	3	0.7%	436		0.0%	47	4	0.7%	547		0.0%	26
WIST3006	64	3.5%	1808		0.0%	31	2	1.0%	208		0.0%	24	1	0.4%	240		0.0%	6
WIST3013	179	4.9%	3656	4	3.1%	131	8	1.8%	442		0.0%	75	4	1.0%	391	1	3.7%	27
WIST3014	146	7.4%	1982	2	4.5%	44	6	3.0%	199	3	14.3%	21	2	1.4%	143		0.0%	8
WIST3015	16	3.6%	443		0.0%	16		0.0%	53		0.0%	11		0.0%	34		0.0%	18
WIST3016	378	7.0%	5415	2	1.5%	131	7	1.3%	521		0.0%	40	2	0.4%	462		0.0%	27
WIST3018	131	8.7%	1506	1	3.0%	33	4	2.9%	139	1	7.7%	13	4	4.2%	96		0.0%	3
WIST3021	49	3.4%	1454	2	5.3%	38	2	1.0%	196		0.0%	25		0.0%	174	1	4.5%	22
WIST3022	1	0.6%	166		0.0%	8		0.0%	11		0.0%	4		0.0%	10		0.0%	1
WIST3023	51	3.2%	1577	3	6.0%	50	6	2.3%	259		0.0%	18	2	0.6%	326		0.0%	20
WIST3024	104	4.8%	2170	2	3.8%	52	3	1.2%	241		0.0%	27	1	0.4%	230		0.0%	9
WIST3025	25	4.7%	536	1	6.7%	15		0.0%	50		0.0%	7	1	1.3%	75		0.0%	1
WIST3028	7	3.6%	192		0.0%	4		0.0%	35		0.0%	1	3	6.5%	46		0.0%	10
WIST3029	23	4.2%	543	1	8.3%	12		0.0%	76		0.0%	5		0.0%	81		0.0%	3
WIST4002	33	3.0%	1083	1	3.4%	29		0.0%	130		0.0%	12	2	1.4%	143		0.0%	5
WIST4003	159	4.3%	3661	4	5.7%	70	8	1.6%	489	1	2.6%	38	4	0.9%	456		0.0%	21
WIST4004	102	3.4%	3006	4	9.8%	41	1	0.3%	390		0.0%	12	2	0.6%	361	1	12.5%	8
WIST4006	184	2.8%	6686	1	0.7%	146	7	0.8%	926		0.0%	70	7	0.7%	1000		0.0%	54
WIST4009	99	4.1%	2410	1	2.0%	49	4	1.2%	342		0.0%	21	2	0.6%	324		0.0%	16
WIST4014	23	2.4%	939	1	5.6%	18		0.0%	122		0.0%	7	1	0.8%	119		0.0%	8
WIST4017	138	3.3%	4226	2	2.2%	92	11	1.9%	592	2	4.7%	43	4	0.6%	629		0.0%	25
WIST4019	80	4.7%	1714	1	2.9%	35		0.0%	141		0.0%	15	1	0.6%	163		0.0%	6

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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
WIST4026	74	3.0%	2499	1	1.4%	70	1	0.2%	432	1	2.1%	48	2	0.5%	412		0.0%	29
WIST4031	225	5.9%	3810	2	2.9%	69	8	2.1%	375		0.0%	29	4	1.1%	352		0.0%	25
WIST4032	959	15.1%	6363	11	8.3%	132	21	4.8%	433	6	11.8%	51	8	2.3%	349		0.0%	15
WIST4039	11	2.7%	410		0.0%	5		0.0%	58		0.0%	5	2	3.5%	57		#DIV/0!	
WIST4040	56	2.5%	2224	1	1.8%	57	5	1.5%	340	1	5.0%	20	6	1.5%	397		0.0%	10
WIST4042	272	5.3%	5149	2	1.4%	140	5	1.0%	486		0.0%	41	7	1.9%	370		0.0%	20
WIST4043	585	5.7%	10334	3	1.2%	247	5	0.5%	975	1	1.2%	86	7	0.9%	818	1	2.1%	47
WIST4044	525	7.6%	6938	5	2.7%	187	15	2.0%	742	2	2.5%	79	6	1.1%	568		0.0%	23
WIST4045	93	4.1%	2264	1	1.9%	52	1	0.3%	295		0.0%	30	2	0.6%	309	1	4.3%	23
WIST4048	143	4.2%	3393	3	3.4%	89	5	1.1%	471		0.0%	38	4	1.0%	412		0.0%	18
WIST4049	32	3.4%	944		0.0%	13	3	2.2%	135	1	7.7%	13	1	0.9%	116		0.0%	7
WIST4050	55	2.4%	2324	1	2.4%	42	3	1.0%	315		0.0%	23	1	0.3%	400		0.0%	25
WIST4051	124	4.6%	2707	1	1.8%	55	5	1.5%	330		0.0%	21	2	0.6%	317		0.0%	11
WIST4053	16	9.8%	163		0.0%	3	2	22.2%	9		0.0%	2		0.0%	12		#DIV/0!	
WIST4054	110	3.9%	2834	1	2.0%	50	3	0.8%	360		0.0%	27	2	0.6%	312		0.0%	12
WIST4055	46	3.9%	1189	1	4.2%	24		0.0%	133		0.0%	14	1	0.7%	150		0.0%	8
WIST4056	17	14.4%	118		0.0%	2		0.0%	6		#DIV/0!		1	14.3%	7		#DIV/0!	
WIST4057	17	3.6%	477		0.0%	23		0.0%	43		0.0%	15		0.0%	43		0.0%	11
WIST5003	217	8.5%	2546	2	3.6%	56	7	2.5%	285		0.0%	30	4	1.3%	316		0.0%	8
WIST5004	72	2.5%	2828	1	1.5%	68	1	0.3%	387	1	3.8%	26	3	0.7%	426		0.0%	25
WIST5005	81	4.7%	1731		0.0%	33	3	1.5%	194		0.0%	12	3	1.9%	158		0.0%	7
WIST5008	306	4.0%	7708	3	1.9%	160	9	1.0%	936		0.0%	81	4	0.4%	903		0.0%	41
WIST5009	24	1.9%	1263	1	3.7%	27	1	0.4%	240		0.0%	16	1	0.4%	231		0.0%	4
WIST5011	113	2.8%	4052	1	1.0%	101	7	1.2%	605		0.0%	48	5	0.6%	782		0.0%	39
WIST5012	89	3.5%	2552		0.0%	35	4	1.1%	356	3	11.1%	27	3	0.9%	320	1	7.1%	14
WIST5014	228	3.0%	7505	2	1.2%	170	8	0.7%	1088		0.0%	87	7	0.6%	1121		0.0%	66
WIST5015	256	9.4%	2713	5	7.7%	65	4	1.8%	220		0.0%	25	3	1.5%	200		0.0%	19
WIST5017	86	4.6%	1869	1	2.4%	42	3	1.4%	213		0.0%	13	2	0.9%	234		0.0%	11
WIST5021	64	5.9%	1093		0.0%	26	1	0.7%	140		0.0%	13	2	1.6%	123		0.0%	8
WIST5023	33	5.5%	602		0.0%	9		0.0%	63		0.0%	8	2	2.9%	69		0.0%	2
WIST5029	311	4.1%	7675	4	2.2%	184	13	1.2%	1097	3	4.0%	75	7	0.6%	1211		0.0%	32
WIST5036	69	9.7%	713		0.0%	12		0.0%	68	1	16.7%	6		0.0%	67	1	16.7%	6
WIST5037	53	2.8%	1865		0.0%	43	2	0.7%	273		0.0%	21	1	0.4%	254		0.0%	13
WIST5040	58	4.2%	1370	1	5.6%	18	1	0.6%	162	1	9.1%	11	2	1.1%	181		0.0%	8
WIST5041	51	3.1%	1647	1	3.0%	33	1	0.4%	243		0.0%	13	1	0.4%	259		0.0%	13
WIST5044	25	3.3%	748	1	4.5%	22	1	0.8%	118	1	7.7%	13	3	2.0%	149		0.0%	8
WIST5045	16	4.4%	367	1	12.5%	8		0.0%	38		0.0%	8	1	2.2%	45		0.0%	2
WIST5047	0	0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	
WIST5049	89	2.8%	3191	1	1.4%	71	5	1.3%	400		0.0%	35	2	0.5%	432		0.0%	25
WIST5053	33	3.5%	953		0.0%	18	1	1.4%	71		0.0%	6	1	1.1%	95		0.0%	4
WIST5055	396	5.9%	6729	1	0.6%	181	13	1.9%	687		0.0%	82	3	0.4%	674		0.0%	35

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST5058	72	6.0%	1209	1	4.0%	25	1	0.8%	133		0.0%	19	1	0.9%	114		0.0%	6
WIST5061	2	2.4%	85		0.0%	7		0.0%	7		0.0%	2		0.0%	12		#DIV/0!	
WIST5066	227	5.6%	4081	3	3.4%	87	9	2.1%	419	1	3.0%	33	3	0.8%	396	1	3.7%	27
WIST5069	1026	9.6%	10685	7	2.7%	262	19	2.5%	754	3	3.1%	96	9	1.7%	533		0.0%	41
WIST5071	570	6.1%	9345	4	1.9%	210	18	1.6%	1128	4	3.8%	106	9	0.9%	1008	2	3.2%	62
WIST5074	227	4.5%	4990	4	3.4%	118	4	0.7%	602		0.0%	54	4	0.7%	537		0.0%	17
WIST5075	78	8.8%	888		0.0%	24	1	1.4%	69	1	7.1%	14	1	1.7%	60		0.0%	3
WIST5076	267	4.5%	5897	4	3.4%	117	2	0.3%	670		0.0%	59	2	0.3%	595		0.0%	15
WIST5077	87	3.4%	2524	2	3.4%	59	4	1.2%	343		0.0%	29	2	0.6%	339		0.0%	20
WIST5078	7	5.3%	131		0.0%	2		0.0%	7		0.0%	2	1	7.1%	14		0.0%	2
WIST6001	704	7.7%	9091	5	3.3%	150	9	1.1%	829	2	2.8%	72	4	0.5%	770		0.0%	36
WIST6004	169	3.1%	5371	1	0.9%	111	5	0.7%	745	2	3.7%	54	5	0.6%	772		0.0%	31
WIST6007	34	4.0%	845		0.0%	20		0.0%	83		0.0%	6	2	2.3%	86		0.0%	1
WIST6012	32	5.2%	620		0.0%	10	2	2.4%	85		0.0%	2		0.0%	66	1	16.7%	6
WIST6013	75	3.2%	2378		0.0%	46	3	0.9%	349		0.0%	22	2	0.6%	324		0.0%	12
WIST6014	41	3.7%	1107		0.0%	22	1	0.8%	120		0.0%	4		0.0%	145		0.0%	2
WIST6016	101	4.7%	2157	2	5.3%	38	4	1.6%	250		0.0%	33	3	1.0%	303		0.0%	9
WIST6018	394	6.6%	5988	3	2.5%	119	4	0.7%	582		0.0%	49	1	0.2%	587		0.0%	39
WIST6021	46	3.1%	1490		0.0%	32	1	0.5%	214		0.0%	11	2	0.9%	215		0.0%	8
WIST6022	88	3.5%	2550	1	1.7%	59	4	1.0%	391		0.0%	29	1	0.2%	410		0.0%	18
WIST6026	27	2.6%	1034		0.0%	30	3	1.9%	161	1	8.3%	12		0.0%	178		0.0%	7
WIST6030	68	2.7%	2489	1	1.5%	65	4	1.0%	417	1	2.7%	37	1	0.3%	379	1	3.7%	27
WIST6031	52	3.8%	1367	3	8.3%	36	1	0.5%	211		0.0%	10	1	0.4%	229		0.0%	7
WIST6033	33	3.0%	1083		0.0%	30	2	1.0%	196		0.0%	7	1	0.5%	217		0.0%	9
WIST6034	44	2.7%	1604	1	2.6%	39	2	0.8%	240		0.0%	15	1	0.4%	285		0.0%	20
WIST6035	163	7.8%	2103	2	5.0%	40		0.0%	223	2	8.0%	25	3	1.5%	194		0.0%	10
WIST6036	38	4.8%	784	1	7.7%	13	1	0.9%	113		0.0%	1	1	0.8%	123		0.0%	2
WIST6037	556	8.0%	6965	3	2.1%	143	10	1.6%	610		0.0%	47	4	0.8%	518		0.0%	27
WIST6039	67	3.5%	1939	2	4.0%	50	3	0.9%	328	1	2.1%	48	2	0.6%	345		0.0%	14
WIST6040	343	5.8%	5877	1	0.6%	155	9	2.0%	451		0.0%	27	1	0.3%	379		0.0%	18
WIST6041	249	2.6%	9603	3	1.5%	203	12	0.8%	1554	1	0.8%	122	8	0.5%	1517		0.0%	68
WIST6042	13	8.1%	161	1	14.3%	7		0.0%	16		#DIV/0!		1	6.3%	16		0.0%	1
WIST7003	99	5.4%	1835		0.0%	56	1	0.5%	221	1	4.0%	25		0.0%	206		0.0%	1
WIST7004	278	6.3%	4430	3	3.2%	94	11	2.2%	502		0.0%	44	4	1.0%	404		0.0%	25
WIST7006	41	3.9%	1058	1	4.2%	24	3	1.8%	167		0.0%	7	2	1.1%	179		0.0%	14
WIST7007	31	5.7%	547		0.0%	8	3	3.8%	80		0.0%	6	1	1.4%	73		0.0%	1
WIST7009	110	3.5%	3109		0.0%	88	4	1.0%	393	2	4.7%	43	2	0.5%	383	1	3.8%	26
WIST7011	339	5.9%	5731	3	2.5%	122	9	1.3%	680	1	2.0%	50	4	0.5%	748		0.0%	39
WIST7014	250	3.9%	6416	5	3.3%	152	8	1.0%	776		0.0%	55	3	0.4%	813	2	4.5%	44
WIST7015	11	4.3%	256	1	14.3%	7		0.0%	23		0.0%	3	1	2.7%	37		0.0%	3
WIST7016	249	3.2%	7767		0.0%	165	13	1.1%	1131	1	1.1%	91	9	0.7%	1244		0.0%	58

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WIST7018	19	1.8%	1068		0.0%	22		0.0%	179	1	5.6%	18	3	1.6%	182		0.0%	16
WIST7020	36	3.8%	949		0.0%	20	2	1.6%	124		0.0%	5	1	0.8%	129		0.0%	4
WIST7021	37	4.0%	923		0.0%	25	1	1.1%	91		0.0%	6	2	2.1%	94		0.0%	1
WIST7022	74	2.5%	2990	1	1.9%	52	4	0.9%	468	1	2.2%	45	1	0.2%	449		0.0%	30
WIST7023	143	5.1%	2820	2	3.6%	56		0.0%	253	1	4.5%	22	1	0.4%	228		0.0%	7
WIST7024	42	5.2%	813	1	6.3%	16	1	1.1%	92		0.0%	7	1	1.0%	97		0.0%	1
WIST7025	15	2.2%	689	1	5.6%	18	1	1.3%	75		0.0%	10	1	1.0%	100		0.0%	6
WIST7027	54	17.0%	318		0.0%	6	2	9.5%	21		0.0%	4		0.0%	19		0.0%	3
WIST7030	472	5.2%	9075	1	0.5%	192	17	1.6%	1060	4	4.2%	95	7	0.6%	1083	1	1.9%	54
WIST7031	31	3.3%	950	2	10.0%	20	1	0.6%	164		0.0%	11	2	1.4%	138		0.0%	10
WIST7032	54	10.3%	524	2	12.5%	16	1	2.9%	35		0.0%	7	2	5.3%	38	1	20.0%	5
WIST7033	333	6.1%	5446	4	3.1%	127	7	1.5%	477		0.0%	47	5	1.1%	448		0.0%	15
WIST7036	377	7.1%	5320	4	3.9%	103	4	0.8%	505	3	10.3%	29	5	1.0%	492		0.0%	17
WIST7039	46	3.0%	1528	1	2.8%	36	2	1.0%	193		0.0%	22	1	0.4%	228		0.0%	16
WIST7040	94	2.9%	3285	1	1.6%	64	4	0.9%	447		0.0%	31	1	0.2%	472		0.0%	23
WIST7041	208	4.4%	4678	1	1.0%	102	7	1.1%	652		0.0%	51	4	0.7%	609		0.0%	31
WIST7042	251	2.9%	8747	4	2.5%	157	6	0.5%	1141		0.0%	77	4	0.3%	1172		0.0%	43
WIST7044	122	2.9%	4187	3	2.7%	112	4	0.7%	581		0.0%	41	2	0.3%	574		0.0%	24
WIST7045	209	3.5%	5941	3	2.1%	146	7	0.9%	774	3	4.4%	68	3	0.4%	833		0.0%	38
WIST7046	245	8.7%	2818	2	4.1%	49	5	2.8%	181		0.0%	26	2	1.4%	141		0.0%	8
WIST7049	72	3.1%	2336	1	2.0%	50	1	0.3%	365		0.0%	25	3	0.9%	324		0.0%	19
WIST7052	302	3.8%	8001	3	1.6%	192	13	1.2%	1107		0.0%	96	7	0.6%	1138		0.0%	76
WIST7053	87	3.8%	2276	3	5.6%	54	1	0.3%	292		0.0%	29	1	0.3%	288		0.0%	9
WIST7054	31	2.7%	1148		0.0%	22		0.0%	126		0.0%	8	1	0.8%	132		0.0%	6
WIST7055	199	3.9%	5083	1	1.1%	91	4	0.7%	584		0.0%	33	1	0.2%	544		0.0%	22
WIST7056	161	3.6%	4486	2	2.3%	88	5	1.0%	517		0.0%	43	3	0.6%	499		0.0%	17
WIST7061	57	4.7%	1219		0.0%	18	4	2.7%	150		0.0%	12	1	0.7%	143	1	16.7%	6
WIST7062	93	3.6%	2562	1	2.1%	47	1	0.3%	363		0.0%	13	3	0.9%	331		0.0%	3
WIST7064	101	2.2%	4628		0.0%	86	3	0.4%	692	1	1.5%	65	4	0.5%	858		0.0%	48
WIST7065	337	5.7%	5949	4	2.6%	154	3	0.6%	538		0.0%	43	2	0.4%	533		0.0%	32
WIST7067	31	2.1%	1475		0.0%	37		0.0%	210	1	8.3%	12	1	0.5%	216		0.0%	16
WIST7068	122	3.6%	3408	4	4.5%	89	3	0.6%	467		0.0%	45	2	0.4%	448		0.0%	30
WIST7069	204	3.8%	5430	4	3.3%	121	6	0.9%	696	1	1.1%	89	4	0.6%	717		0.0%	39
WIST7070	71	3.3%	2147	1	1.8%	56	1	0.3%	306		0.0%	18	2	0.6%	321		0.0%	15
WIST7071	117	3.1%	3720		0.0%	82	4	0.9%	435		0.0%	24	3	0.7%	439		0.0%	22
WIST7072	127	3.4%	3685	1	1.6%	63	4	0.8%	515	1	3.1%	32	5	1.0%	510		0.0%	17
WIST7073	231	5.7%	4050	4	4.3%	93	17	3.5%	486		0.0%	50	2	0.5%	444		0.0%	20
WIST7074	995	7.8%	12721	7	2.2%	313	17	2.3%	745	1	1.6%	64	4	0.7%	552		0.0%	29
WIST7075	67	2.6%	2596	2	4.2%	48	3	1.0%	308		0.0%	27	1	0.3%	308		0.0%	20
WIST7076	203	2.9%	7067	4	2.6%	151	9	0.9%	1041	1	1.3%	78	8	0.8%	1036		0.0%	44
WIST7078	71	2.2%	3290		0.0%	86	4	0.9%	463	1	1.6%	61	3	0.6%	507		0.0%	38

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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
WIST7079	101	10.3%	978	1	4.2%	24	2	2.4%	85		0.0%	7	2	3.0%	66		0.0%	3
WIST7080	125	3.3%	3839	3	3.8%	80	4	0.8%	506		0.0%	36	3	0.5%	593		0.0%	24
WIST7081	246	5.1%	4832	4	4.1%	97	7	1.5%	459	1	1.8%	55	3	0.7%	439		0.0%	33
WIST7083	307	3.2%	9601	3	1.5%	204	7	0.5%	1339		0.0%	92	6	0.4%	1400	1	1.2%	83
WIST7086	18	1.9%	931		0.0%	25	1	0.7%	153		0.0%	16	1	0.7%	152		0.0%	13
WIST7088	101	5.0%	2016	3	5.2%	58	2	0.9%	224		0.0%	23	4	1.7%	240		0.0%	14
WIST7092	73	4.1%	1787		0.0%	36	1	0.4%	251	1	4.3%	23	1	0.4%	253		0.0%	12
WIST7093	233	5.7%	4104	4	5.1%	79	12	2.3%	531	6	13.3%	45	5	0.9%	571	3	9.7%	31
WIST7094	120	2.9%	4123	4	4.6%	87	4	0.7%	594		0.0%	29	3	0.5%	635		0.0%	20
WIST7095	28	2.2%	1262	1	3.2%	31		0.0%	142		0.0%	11	1	0.5%	184		0.0%	12
WIST7098	144	4.4%	3260		0.0%	72	2	0.5%	433		0.0%	35	3	0.7%	436		0.0%	23
WIST7103	111	3.4%	3292	1	2.2%	45	1	0.2%	415		0.0%	33	2	0.5%	419		0.0%	20
WIST7106	52	1.4%	3725		0.0%	83	1	0.2%	588		0.0%	51	4	0.8%	530		0.0%	30
WIST7108	340	4.5%	7560	3	1.9%	156	13	1.4%	932	1	1.5%	68	3	0.4%	789	1	2.2%	46
WIST7109	234	4.9%	4772	3	3.0%	101	6	1.2%	499	1	2.2%	45	3	0.6%	509		0.0%	28
WIST7113	137	3.5%	3869	1	1.2%	85	7	1.3%	522		0.0%	50	1	0.2%	512		0.0%	19
WIST7115	5	2.2%	226	1	16.7%	6	1	3.0%	33		0.0%	3	1	2.8%	36		#DIV/0!	
WIST7116	206	3.1%	6625	2	1.2%	161	2	0.2%	944		0.0%	75	1	0.1%	958		0.0%	41
WIST7118	149	4.5%	3339	2	2.9%	69	5	1.2%	417		0.0%	38	2	0.5%	374		0.0%	16
WIST7119	112	3.3%	3354	4	3.9%	103	5	0.9%	528	2	4.8%	42	2	0.4%	497		0.0%	25
WIST7120	135	9.6%	1405	1	2.3%	43	2	1.9%	103		0.0%	18	2	2.0%	99		0.0%	3
WIST7121	42	1.9%	2209		0.0%	56	1	0.3%	385		0.0%	27	1	0.2%	413		0.0%	31
WIST7123	168	3.8%	4414	1	0.8%	125	9	1.4%	639	1	1.5%	65	4	0.6%	673		0.0%	38
WIST7124	106	4.0%	2623	1	1.3%	76	3	0.7%	445		0.0%	36	2	0.6%	355		0.0%	16
WIST7125	60	10.9%	548	1	5.6%	18		0.0%	41	2	11.1%	18		0.0%	20		0.0%	1
WIST7126	80	5.1%	1569	1	3.2%	31	3	1.4%	210	1	5.0%	20	2	1.0%	201		0.0%	6
WIST7127	179	4.0%	4430	3	2.6%	116	13	1.8%	703	1	1.5%	66	2	0.3%	585		0.0%	34
WIST7128	7	2.7%	256		0.0%	5		0.0%	41		0.0%	5		0.0%	80		0.0%	2
WIST7129	40	2.6%	1510	1	3.6%	28	3	1.7%	173		0.0%	17	1	0.6%	179		0.0%	12
WIST7130	21	3.4%	618		0.0%	18		0.0%	85		0.0%	5	1	1.4%	71		0.0%	8
WIST7131	33	6.9%	477		0.0%	10		0.0%	46		0.0%	1	2	4.3%	47		0.0%	6
WIST7132	0	0.0%	22		#DIV/0!			#DIV/0!			#DIV/0!			0.0%	2		0.0%	1
WIST7133	0	0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			0.0%	1
WIST8001	51	3.3%	1562	2	5.9%	34	2	0.9%	233		0.0%	22	4	1.8%	224		0.0%	16
WIST8002	178	2.9%	6062	3	2.1%	141	2	0.2%	925		0.0%	81	6	0.7%	918		0.0%	36
WIST8003	14	35.9%	39	1	33.3%	3	5	31.3%	16		#DIV/0!			0.0%	2		#DIV/0!	
WIST8004	1168	10.6%	11055	6	2.6%	229	13	2.2%	584	2	2.9%	69	5	1.3%	395		0.0%	20
WIST8005	362	6.9%	5231	3	1.9%	157	17	2.9%	582	1	1.6%	61	6	1.3%	475	1	4.0%	25
WIST8006	800	6.2%	12965	14	3.8%	372	20	1.2%	1628	6	3.5%	170	9	0.6%	1496		0.0%	90
WIST8007	248	4.2%	5930	4	2.5%	162	8	1.1%	723	1	1.4%	71	5	0.8%	653		0.0%	40
WIST8008	338	10.6%	3197	1	1.6%	61	2	0.8%	264	1	4.0%	25	3	1.4%	209		0.0%	14

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST8009	81	3.0%	2659	2	3.2%	63	5	1.4%	366		0.0%	25	2	0.5%	381		0.0%	14
WIST8011	235	4.0%	5817	4	3.3%	123	10	1.4%	739	1	1.7%	58	5	0.6%	821		0.0%	36
WIST8016	17	5.7%	299		0.0%	5	1	1.9%	52		0.0%	6	1	2.0%	51		0.0%	4
WISTT001	103	3.3%	3105	1	1.4%	70	3	0.7%	445	2	6.1%	33	4	0.9%	460		0.0%	23
WISTT002	29	7.1%	411		0.0%	10		0.0%	36		#DIV/0!			0.0%	35		#DIV/0!	
WISTT003	442	9.2%	4816	5	4.4%	113	10	2.3%	436	5	8.8%	57	4	1.0%	398		0.0%	15
WISTT005	111	3.6%	3093	2	3.5%	57	5	1.0%	478	2	6.1%	33	2	0.5%	437		0.0%	20
WISTT006	113	4.3%	2629	1	1.9%	52	2	0.6%	317		0.0%	10		0.0%	283	1	14.3%	7
WISTT007	10	5.7%	175		0.0%	8		0.0%	14		0.0%	7		0.0%	11		0.0%	5
TOTAL	31416	4.8%	654190	355	2.4%	14811	871	1.1%	79684	117	1.7%	6838	536	0.7%	78346	27	0.7%	3924

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST1002	6	17.6%	34		#DIV/0!			#DIV/0!			#DIV/0!	
WIST1003	39	3.3%	1191		0.0%	2		#DIV/0!			#DIV/0!	
WIST1012	28	3.1%	908		0.0%	3		#DIV/0!			0.0%	1
WIST1016	15	5.8%	260		#DIV/0!			0.0%	1		#DIV/0!	
WIST1017	191	7.9%	2404		0.0%	1		#DIV/0!			#DIV/0!	
WIST1018	24	3.9%	616		0.0%	2		0.0%	1		0.0%	1
WIST2014	57	9.0%	632		0.0%	1		#DIV/0!			0.0%	1
WIST2015	77	2.6%	2999		0.0%	5		0.0%	3		#DIV/0!	
WIST2017	40	2.3%	1749		0.0%	7		#DIV/0!			#DIV/0!	
WIST2018	152	2.8%	5503	1	16.7%	6		0.0%	3		0.0%	1
WIST2019	36	4.5%	807		#DIV/0!			#DIV/0!			#DIV/0!	
WIST2021	92	5.2%	1761		0.0%	3		#DIV/0!			#DIV/0!	
WIST2023	24	2.5%	950		0.0%	1		#DIV/0!			#DIV/0!	
WIST2024	130	4.4%	2938		0.0%	8		0.0%	1		#DIV/0!	
WIST2025	84	3.4%	2441		0.0%	6		#DIV/0!			#DIV/0!	
WIST2026	333	3.1%	10859	1	6.7%	15		0.0%	3		#DIV/0!	
WIST2027	52	2.9%	1808		0.0%	4		#DIV/0!			0.0%	1
WIST2028	4	2.4%	165		#DIV/0!			0.0%	1		#DIV/0!	
WIST3003	64	4.7%	1371		0.0%	1		0.0%	1		0.0%	1
WIST3005	84	2.6%	3201		0.0%	4		0.0%	1		#DIV/0!	
WIST3006	64	3.5%	1808		0.0%	2		#DIV/0!			#DIV/0!	
WIST3013	179	4.9%	3656		0.0%	15	1	50.0%	2		#DIV/0!	
WIST3014	146	7.4%	1982		0.0%	3		0.0%	4		0.0%	1
WIST3015	16	3.6%	443		0.0%	1		#DIV/0!			#DIV/0!	
WIST3016	378	7.0%	5415		0.0%	2	1	12.5%	8		0.0%	1
WIST3018	131	8.7%	1506		#DIV/0!			#DIV/0!			#DIV/0!	
WIST3021	49	3.4%	1454		0.0%	6		#DIV/0!			#DIV/0!	
WIST3022	1	0.6%	166		0.0%	6		#DIV/0!			#DIV/0!	
WIST3023	51	3.2%	1577		0.0%	6		0.0%	1		#DIV/0!	
WIST3024	104	4.8%	2170		0.0%	3		0.0%	1		#DIV/0!	
WIST3025	25	4.7%	536		0.0%	1		#DIV/0!			#DIV/0!	
WIST3028	7	3.6%	192		#DIV/0!			#DIV/0!			#DIV/0!	
WIST3029	23	4.2%	543		#DIV/0!			#DIV/0!			#DIV/0!	
WIST4002	33	3.0%	1083		0.0%	3		0.0%	1		#DIV/0!	
WIST4003	159	4.3%	3661		0.0%	4		0.0%	1		#DIV/0!	
WIST4004	102	3.4%	3006		0.0%	4		#DIV/0!			#DIV/0!	
WIST4006	184	2.8%	6686		0.0%	7		0.0%	7		#DIV/0!	
WIST4009	99	4.1%	2410		0.0%	2		#DIV/0!			0.0%	2
WIST4014	23	2.4%	939		0.0%	2		#DIV/0!			#DIV/0!	
WIST4017	138	3.3%	4226		0.0%	2		0.0%	1		#DIV/0!	
WIST4019	80	4.7%	1714		0.0%	2		0.0%	1		#DIV/0!	

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST4026	74	3.0%	2499		0.0%	18		0.0%	2		#DIV/0!	
WIST4031	225	5.9%	3810		0.0%	3		0.0%	1		#DIV/0!	
WIST4032	959	15.1%	6363		0.0%	13	1	50.0%	2		#DIV/0!	
WIST4039	11	2.7%	410		#DIV/0!			0.0%	1		#DIV/0!	
WIST4040	56	2.5%	2224		0.0%	3		0.0%	1		#DIV/0!	
WIST4042	272	5.3%	5149		0.0%	8		0.0%	3		#DIV/0!	
WIST4043	585	5.7%	10334		0.0%	24		#DIV/0!			#DIV/0!	
WIST4044	525	7.6%	6938		0.0%	14		0.0%	3		#DIV/0!	
WIST4045	93	4.1%	2264		0.0%	7		0.0%	1		#DIV/0!	
WIST4048	143	4.2%	3393		0.0%	3		0.0%	1		#DIV/0!	
WIST4049	32	3.4%	944		0.0%	2		#DIV/0!			#DIV/0!	
WIST4050	55	2.4%	2324		0.0%	4		0.0%	1		#DIV/0!	
WIST4051	124	4.6%	2707		0.0%	2		0.0%	2		#DIV/0!	
WIST4053	16	9.8%	163		#DIV/0!			#DIV/0!			0.0%	1
WIST4054	110	3.9%	2834		0.0%	2		0.0%	1		#DIV/0!	
WIST4055	46	3.9%	1189		0.0%	1		#DIV/0!			#DIV/0!	
WIST4056	17	14.4%	118		#DIV/0!			#DIV/0!			#DIV/0!	
WIST4057	17	3.6%	477		0.0%	1		#DIV/0!			#DIV/0!	
WIST5003	217	8.5%	2546		0.0%	4		0.0%	1		0.0%	1
WIST5004	72	2.5%	2828		0.0%	3		#DIV/0!			0.0%	3
WIST5005	81	4.7%	1731		0.0%	2		#DIV/0!			#DIV/0!	
WIST5008	306	4.0%	7708		0.0%	5		0.0%	2		0.0%	1
WIST5009	24	1.9%	1263		0.0%	1		#DIV/0!			#DIV/0!	
WIST5011	113	2.8%	4052		0.0%	2		0.0%	1		#DIV/0!	
WIST5012	89	3.5%	2552		0.0%	1		0.0%	2		#DIV/0!	
WIST5014	228	3.0%	7505		0.0%	6		#DIV/0!			#DIV/0!	
WIST5015	256	9.4%	2713		0.0%	3		#DIV/0!			#DIV/0!	
WIST5017	86	4.6%	1869		0.0%	4		#DIV/0!			0.0%	1
WIST5021	64	5.9%	1093		0.0%	2		0.0%	1		#DIV/0!	
WIST5023	33	5.5%	602		0.0%	1		0.0%	1		#DIV/0!	
WIST5029	311	4.1%	7675		0.0%	24		0.0%	3		#DIV/0!	
WIST5036	69	9.7%	713		0.0%	1		#DIV/0!			#DIV/0!	
WIST5037	53	2.8%	1865		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5040	58	4.2%	1370		0.0%	1		#DIV/0!			#DIV/0!	
WIST5041	51	3.1%	1647		0.0%	1		#DIV/0!			#DIV/0!	
WIST5044	25	3.3%	748		0.0%	3		#DIV/0!			#DIV/0!	
WIST5045	16	4.4%	367		0.0%	1		#DIV/0!			#DIV/0!	
WIST5047	0	0.0%	1		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5049	89	2.8%	3191		0.0%	3		0.0%	2		#DIV/0!	
WIST5053	33	3.5%	953		#DIV/0!			#DIV/0!			#DIV/0!	
WIST5055	396	5.9%	6729		0.0%	12		0.0%	2		#DIV/0!	

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	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST5058	72	6.0%	1209		0.0%	1		0.0%	2		#DIV/0!	
WIST5061	2	2.4%	85		0.0%	1		#DIV/0!			#DIV/0!	
WIST5066	227	5.6%	4081		0.0%	8		0.0%	4		#DIV/0!	
WIST5069	1026	9.6%	10685		0.0%	18		0.0%	7		#DIV/0!	
WIST5071	570	6.1%	9345		0.0%	12		0.0%	2		#DIV/0!	
WIST5074	227	4.5%	4990		0.0%	8		0.0%	1		0.0%	1
WIST5075	78	8.8%	888		0.0%	3		#DIV/0!			0.0%	2
WIST5076	267	4.5%	5897		0.0%	11		0.0%	2		#DIV/0!	
WIST5077	87	3.4%	2524	1	14.3%	7		#DIV/0!			#DIV/0!	
WIST5078	7	5.3%	131		#DIV/0!			#DIV/0!			#DIV/0!	
WIST6001	704	7.7%	9091		0.0%	9		0.0%	4		#DIV/0!	
WIST6004	169	3.1%	5371		0.0%	5		#DIV/0!			#DIV/0!	
WIST6007	34	4.0%	845		#DIV/0!			#DIV/0!			#DIV/0!	
WIST6012	32	5.2%	620		0.0%	1		0.0%	1		#DIV/0!	
WIST6013	75	3.2%	2378		0.0%	4		#DIV/0!			#DIV/0!	
WIST6014	41	3.7%	1107		0.0%	4		0.0%	1		#DIV/0!	
WIST6016	101	4.7%	2157		0.0%	1		0.0%	1		#DIV/0!	
WIST6018	394	6.6%	5988		0.0%	4		0.0%	1		#DIV/0!	
WIST6021	46	3.1%	1490		0.0%	3		0.0%	2		#DIV/0!	
WIST6022	88	3.5%	2550		0.0%	2		0.0%	1		#DIV/0!	
WIST6026	27	2.6%	1034		0.0%	4		#DIV/0!			#DIV/0!	
WIST6030	68	2.7%	2489		0.0%	1		0.0%	1		#DIV/0!	
WIST6031	52	3.8%	1367		0.0%	2		#DIV/0!			#DIV/0!	
WIST6033	33	3.0%	1083		0.0%	1		#DIV/0!			#DIV/0!	
WIST6034	44	2.7%	1604		0.0%	2		0.0%	2		#DIV/0!	
WIST6035	163	7.8%	2103		0.0%	1		0.0%	1		#DIV/0!	
WIST6036	38	4.8%	784		#DIV/0!			#DIV/0!			#DIV/0!	
WIST6037	556	8.0%	6965		0.0%	7		#DIV/0!			0.0%	1
WIST6039	67	3.5%	1939		0.0%	6		0.0%	2		0.0%	1
WIST6040	343	5.8%	5877		0.0%	11		0.0%	5		#DIV/0!	
WIST6041	249	2.6%	9603		0.0%	14		0.0%	3		0.0%	1
WIST6042	13	8.1%	161		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7003	99	5.4%	1835		0.0%	2		#DIV/0!			#DIV/0!	
WIST7004	278	6.3%	4430		0.0%	6	1	33.3%	3		#DIV/0!	
WIST7006	41	3.9%	1058		0.0%	3		#DIV/0!			#DIV/0!	
WIST7007	31	5.7%	547		0.0%	1		#DIV/0!			#DIV/0!	
WIST7009	110	3.5%	3109		0.0%	13		0.0%	3		#DIV/0!	
WIST7011	339	5.9%	5731		0.0%	4		0.0%	1		0.0%	2
WIST7014	250	3.9%	6416		0.0%	10		0.0%	1		#DIV/0!	
WIST7015	11	4.3%	256		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7016	249	3.2%	7767		0.0%	11		0.0%	3		#DIV/0!	

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STATION ID	ALL INITIAL TESTS			2016			2017			2018		
	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST7018	19	1.8%	1068		0.0%	6		#DIV/0!			#DIV/0!	
WIST7020	36	3.8%	949		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7021	37	4.0%	923		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7022	74	2.5%	2990		0.0%	5		0.0%	1		#DIV/0!	
WIST7023	143	5.1%	2820	2	100.0%	2		#DIV/0!			#DIV/0!	
WIST7024	42	5.2%	813		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7025	15	2.2%	689		0.0%	1		#DIV/0!			#DIV/0!	
WIST7027	54	17.0%	318		0.0%	1		#DIV/0!			#DIV/0!	
WIST7030	472	5.2%	9075		0.0%	12		0.0%	4		0.0%	1
WIST7031	31	3.3%	950		0.0%	1		#DIV/0!			#DIV/0!	
WIST7032	54	10.3%	524		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7033	333	6.1%	5446		0.0%	2		0.0%	1		#DIV/0!	
WIST7036	377	7.1%	5320		0.0%	9		0.0%	2		#DIV/0!	
WIST7039	46	3.0%	1528		0.0%	5		#DIV/0!			#DIV/0!	
WIST7040	94	2.9%	3285		0.0%	4		#DIV/0!			#DIV/0!	
WIST7041	208	4.4%	4678		0.0%	9		#DIV/0!			#DIV/0!	
WIST7042	251	2.9%	8747		0.0%	4		#DIV/0!			#DIV/0!	
WIST7044	122	2.9%	4187		0.0%	4		0.0%	2		#DIV/0!	
WIST7045	209	3.5%	5941		0.0%	3		0.0%	1		#DIV/0!	
WIST7046	245	8.7%	2818		0.0%	3		#DIV/0!			#DIV/0!	
WIST7049	72	3.1%	2336		0.0%	2		0.0%	2		#DIV/0!	
WIST7052	302	3.8%	8001	2	25.0%	8		0.0%	1		#DIV/0!	
WIST7053	87	3.8%	2276		0.0%	2		#DIV/0!			#DIV/0!	
WIST7054	31	2.7%	1148		0.0%	2		0.0%	1		#DIV/0!	
WIST7055	199	3.9%	5083		0.0%	3		#DIV/0!			#DIV/0!	
WIST7056	161	3.6%	4486		0.0%	1		0.0%	2		#DIV/0!	
WIST7061	57	4.7%	1219		0.0%	2		#DIV/0!			#DIV/0!	
WIST7062	93	3.6%	2562		0.0%	3		#DIV/0!			#DIV/0!	
WIST7064	101	2.2%	4628		0.0%	4		#DIV/0!			#DIV/0!	
WIST7065	337	5.7%	5949		0.0%	6		#DIV/0!			#DIV/0!	
WIST7067	31	2.1%	1475		0.0%	2		#DIV/0!			#DIV/0!	
WIST7068	122	3.6%	3408		0.0%	5		0.0%	2		#DIV/0!	
WIST7069	204	3.8%	5430		0.0%	8		0.0%	1		#DIV/0!	
WIST7070	71	3.3%	2147		0.0%	4		0.0%	3		#DIV/0!	
WIST7071	117	3.1%	3720		0.0%	3		#DIV/0!			#DIV/0!	
WIST7072	127	3.4%	3685		0.0%	3		#DIV/0!			#DIV/0!	
WIST7073	231	5.7%	4050		0.0%	8		0.0%	2		#DIV/0!	
WIST7074	995	7.8%	12721		0.0%	4		0.0%	2		#DIV/0!	
WIST7075	67	2.6%	2596		0.0%	7		#DIV/0!			0.0%	1
WIST7076	203	2.9%	7067		0.0%	9		0.0%	1		#DIV/0!	
WIST7078	71	2.2%	3290		0.0%	6		#DIV/0!			#DIV/0!	

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STATION ID	ALL INITIAL TESTS			2016			2017			2018		
	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST7079	101	10.3%	978		0.0%	1		#DIV/0!			#DIV/0!	
WIST7080	125	3.3%	3839		0.0%	6		0.0%	1		#DIV/0!	
WIST7081	246	5.1%	4832		0.0%	14		0.0%	2		#DIV/0!	
WIST7083	307	3.2%	9601		0.0%	17		#DIV/0!			#DIV/0!	
WIST7086	18	1.9%	931		0.0%	2		0.0%	2		0.0%	1
WIST7088	101	5.0%	2016		0.0%	4		#DIV/0!			#DIV/0!	
WIST7092	73	4.1%	1787		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7093	233	5.7%	4104		0.0%	2		#DIV/0!			#DIV/0!	
WIST7094	120	2.9%	4123		0.0%	5		#DIV/0!			0.0%	1
WIST7095	28	2.2%	1262		0.0%	4		0.0%	1		#DIV/0!	
WIST7098	144	4.4%	3260		0.0%	2		0.0%	1		#DIV/0!	
WIST7103	111	3.4%	3292		0.0%	2		#DIV/0!			#DIV/0!	
WIST7106	52	1.4%	3725		0.0%	8		0.0%	3		#DIV/0!	
WIST7108	340	4.5%	7560		0.0%	2		0.0%	1		0.0%	1
WIST7109	234	4.9%	4772	1	12.5%	8		0.0%	1		#DIV/0!	
WIST7113	137	3.5%	3869	1	12.5%	8		#DIV/0!			#DIV/0!	
WIST7115	5	2.2%	226		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7116	206	3.1%	6625		0.0%	9		#DIV/0!			#DIV/0!	
WIST7118	149	4.5%	3339		0.0%	1		#DIV/0!			#DIV/0!	
WIST7119	112	3.3%	3354		0.0%	9		0.0%	2		#DIV/0!	
WIST7120	135	9.6%	1405		0.0%	1		0.0%	4		#DIV/0!	
WIST7121	42	1.9%	2209		0.0%	6		0.0%	1		#DIV/0!	
WIST7123	168	3.8%	4414		0.0%	7		0.0%	2		#DIV/0!	
WIST7124	106	4.0%	2623		0.0%	5		0.0%	1		#DIV/0!	
WIST7125	60	10.9%	548		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7126	80	5.1%	1569		0.0%	1		#DIV/0!			0.0%	2
WIST7127	179	4.0%	4430		0.0%	6		0.0%	1		#DIV/0!	
WIST7128	7	2.7%	256		0.0%	1		0.0%	1		#DIV/0!	
WIST7129	40	2.6%	1510		0.0%	2		#DIV/0!			#DIV/0!	
WIST7130	21	3.4%	618		0.0%	4		0.0%	1		#DIV/0!	
WIST7131	33	6.9%	477		0.0%	1		#DIV/0!			#DIV/0!	
WIST7132	0	0.0%	22		#DIV/0!			#DIV/0!			#DIV/0!	
WIST7133	0	0.0%	2		#DIV/0!			#DIV/0!			#DIV/0!	
WIST8001	51	3.3%	1562		0.0%	1		0.0%	1		#DIV/0!	
WIST8002	178	2.9%	6062		0.0%	10		0.0%	1		#DIV/0!	
WIST8003	14	35.9%	39		#DIV/0!			#DIV/0!			#DIV/0!	
WIST8004	1168	10.6%	11055		0.0%	7		#DIV/0!			#DIV/0!	
WIST8005	362	6.9%	5231		0.0%	8		0.0%	2		#DIV/0!	
WIST8006	800	6.2%	12965		0.0%	35		0.0%	4		#DIV/0!	
WIST8007	248	4.2%	5930		0.0%	12		0.0%	1		#DIV/0!	
WIST8008	338	10.6%	3197		0.0%	3		0.0%	1		#DIV/0!	

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STATION ID	ALL INITIAL TESTS			2016			2017			2018		
	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL	FAIL	FAIL %	TOTAL
WIST8009	81	3.0%	2659		0.0%	4		#DIV/0!			#DIV/0!	
WIST8011	235	4.0%	5817		0.0%	13		#DIV/0!			#DIV/0!	
WIST8016	17	5.7%	299		0.0%	2		#DIV/0!			0.0%	1
WISTT001	103	3.3%	3105		0.0%	4		#DIV/0!			#DIV/0!	
WISTT002	29	7.1%	411		#DIV/0!			#DIV/0!			#DIV/0!	
WISTT003	442	9.2%	4816		0.0%	10		#DIV/0!			#DIV/0!	
WISTT005	111	3.6%	3093		0.0%	4		#DIV/0!			0.0%	1
WISTT006	113	4.3%	2629		0.0%	3		0.0%	2		0.0%	1
WISTT007	10	5.7%	175		#DIV/0!			#DIV/0!			#DIV/0!	
TOTAL	31416	4.8%	654190	9	1.0%	943	4	2.1%	195		0.0%	35

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Equipment Audits

Station	Company	Address	City	Zip	County	Total Equip Audits
WIST3003	Accelerated Auto Service	667 W. State St.	Burlington	53105	Racine	18
WIST1003	Allenton Service	5908 Hillcrest Dr.	Allenton	53002	Washington	21
WIST7020	American Muffler & Automotive	5933 S. Pine St.	Burlington	53105	Racine	18
WIST6042	Amport Automotive	1324 White Rock Ave.	Waukesha	53186	Waukesha	12
WIST7003	Anastos Motors Inc.	4513 S. Greenbay Rd	Kenosha	53144	Kenosha	6
WISTT002	Anaya's Auto Repair (TAC)	2515 52nd St.	Kenosha	53140	Kenosha	12
WIST6007	Anderson Automotive	240 Highland Dr.	Fredonia	53021	Ozaukee	18
WISTT003	Auto Analyzers (TAC)	8404 W. Greenfield Ave.	West Allis	53214	Milwaukee	33
WIST2023	Auto Diagnostics	11321 W. Greenfield	West Allis	53214	Milwaukee	24
WIST2019	Automotive Solutions	215 Klein Lane	Saukville	53080	Ozaukee	12
WIST7115	Black Tie Auto Service	584 W21172 Janesville Rd	Muskego	53150	WAUKESHA	15
WIST4009	Bluemound Auto Service	6000 W. Bluemound Rd	Wauwatosa	53213	Milwaukee	15
WIST4045	Bob's Main Street Auto & Tow	1200 N Main St	West Bend	53090	Washington	21
WIST5008	Bob's Main Street Auto & Tow	115 W. Decorah Rd	West Bend	53095	Washington	21
WIST7121	Boucher Hyundai	1583 E Moreland Blvd	Waukesha	53186	Waukesha	24
WIST7132	Brown Deer Tire & Auto	4730 W Bradley Rd	Brown Deer	53223	Milwaukee	6
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	27
WIST5049	Chris Auto Service	14000 W. Greenfield Ave.	Brookfield	53005	Waukesha	27
WIST6004	Chuck's Main St. Auto	N64 W23876 Main St.	Sussex	53089	Waukesha	18
WIST5055	Curriepark Auto Center	10745 W. Capitol Dr.	Wauwatosa	53222	Milwaukee	15
WIST5040	Dads Auto Service	S98 W12575 Loomis Crt.	Muskego	53150	Waukesha	15
WIST5005	Dave's Garage Inc.	5454 W. Forest Home Ave.	Greenfield	53220	Milwaukee	24
WIST5045	Dave's Truck & 4 X 4 Repair, LLC	2993 Sherman Rd.	Jackson	53037	Washington	21
WIST5015	Durand Automotive Center	1623 Durand Ave.	Racine	53403	Racine	18
WIST1002	Engine & Transmission Exchange	2727 S. 27th St.	Milwaukee	53215	Milwaukee	0
WIST5061	Engine & Transmission Exchange	1604 S. West Ave.	Waukesha	53189	Waukesha	0
WIST6033	Eric Von Schledorn	805 E Green Bay Rd	Saukville	53080	Ozaukee	18
WIST3021	Eric Von Schledorn - Random Lake	W4873 County Road RR	Random Lake	53066	Sheboygan	21
WIST7018	Ernie von Schledorn, Inc.	N88 W14167 Main St.	Menomonee Falls	53051	Waukesha	18
WIST2017	Ewald Chevrolet	36833 E. Wisconsin Ave	Oconomowoc	53066	Waukesha	12
WIST4040	Ewald Venus Ford	2727 E. Layton Ave.	Cudahy	53110	Milwaukee	27
WIST7021	Expert Car Care Inc.	6803 W. National Ave.	West Allis	53214	Milwaukee	30
WIST5011	F & F Tire World - Bluemound Rd.	20120 Bluemound Rd.	Brookfield	53045	Waukesha	30
WIST4017	F & F Tire World - Franklin	2930 W. Rawson Ave.	Franklin	53132	Milwaukee	27
WIST5009	F & F Tire World - Moorland Rd	410 N. Moorland Rd	Brookfield	53005	Waukesha	21
WIST5041	Falls Auto Tech	N84 W15859 Appleton Ave.	Menomonee Falls	53051	Waukesha	18
WIST7081	Farkas Automotive Inc.	8008 N. Sherman	Brown Deer	53209	Milwaukee	18
WIST8006	Fast Track Oil Change # 09	5450 N Port Washington Rd	Glendale	53216	Milwaukee	18

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Station	Company	Address	City	Zip	County	Total Equip Audits
WIST8005	Fast Track Oil Change #04	6942 W Brown Deer Rd	Milwaukee	53223	Milwaukee	27
WIST5069	Fast Track Oil Change #08	7515 W Capitol Dr	Milwaukee	53216	Milwaukee	24
WIST4044	Fast Track Oil Change #11	6207 W North Ave	Wauwatosa	53213	Milwaukee	18
WIST7113	Fast Track Oil Change #03	5400 S. 108th St.	Hales Corners	53130	Milwaukee	27
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	30
WIST2018	Fast Track Oil Change #13	1557 W Moreland Blvd	Waukesha	53186	Waukesha	27
WIST7119	Fast Track Oil Change #2	W62N271 Washington Ave	Cedarburg	53012	Ozaukee	21
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	33
WIST7108	Fast Track Sheboygan - Calumet	2757 Calumet Dr.	Sheboygan	53081	Sheboygan	27
WIST3016	Fast Track Sheboygan - Indiana	1328 Indiana Ave.	Sheboygan	53081	Sheboygan	27
WIST7109	Fast Track Sheboygan - Taylor	3669 S. Taylor Dr.	Sheboygan	53081	Sheboygan	36
WIST3022	Fleet 1	749 W STATE ST	Milwaukee	53202	Milwaukee	12
WIST4019	Fleet Auto Sales & Service	7400 W. National Ave.	West Allis	53214	Milwaukee	33
WISTT008	Frank Boucher Chevrolet Cadillac	8600 Washington Ave.	Racine	53406	Racine	18
WIST7092	G-Brock's Auto Repair	375 E. Ottawa Ave	Dousman	53118	Waukesha	15
WIST6035	Good Hope Service	4230 W. Good Hope Rd.	Milwaukee	53209	Milwaukee	21
WIST3005	Gordie Boucher Ford Lincoln	3021 W. Washington St.	West Bend	53095	Washington	21
WIST7093	Gordon's Wheel Service	3595 N. 124 St.	Brookfield	53005	Waukesha	21
WIST5066	Grady's Automotive Inc.	6272 S. Packard Ave	Cudahy	53110	Milwaukee	27
WIST7078	Griffin Ford	1940 E. Main St.	Waukesha	53186	Waukesha	24
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	24
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	24
WIST8009	Jackson Superlube	W213N16770 Glen Brook Dr	Jackson	53037	Washington	21
WIST5078	Jaznari Auto Repair	2750 S. 14th Street	Milwaukee	53215	Milwaukee	18
WISTT009	Jerry's Auto Service Inc. (TAC)	W229 N2467 Hwy F	Waukesha	53186	Waukesha	12
WIST4002	Joe's Slinger Service LLC	220 Info Hwy. Crt.	Slinger	53086	Washington	21
WIST6030	John Amato Ford	1015 S Main St	Mukwonago	53149	Waukesha	15
WIST3013	John Amato Hyundai Inc.	8301 N. 76th St.	Milwaukee	53223	Milwaukee	21
WIST3023	John Amato Nissan	5200 N Port Washington Rd	Glendale	53217	Milwaukee	15
WIST7022	John Paul's Buick GMC	3615 S. 108th St.	Greenfield	53228	Milwaukee	24
WIST4051	Kastenson Auto (formally Tenhagen Auto)	21445 Durand Ave	Union Grove	53182	Racine	18
WIST3029	Keno Lube	7514 Sheridan, Dr	Kenosha	53143	Kenosha	18
WIST3014	Komp Tech Automotive Service	8832 W. Greenfield Ave.	West Allis	53214	Milwaukee	33

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Station	Company	Address	City	Zip	County	Total Equip Audits
WIST7079	Koplein Tune & Lube	7960 N. 76th St.	Milwaukee	53223	Milwaukee	12
WIST5012	Krueger's Auto Tech Center	W61 N225 Cardinal Ave.	Cedarburg	53012	Ozaukee	18
WIST4003	Kusch's Automotive	136 N. 120th St.	Wauwatosa	53226	Milwaukee	30
WIST4049	LaBelle Auto	N56 W39413 Hwy 16	Oconomowoc	53066	Waukesha	12
WIST2025	Lakeshore Mobile	2521 E. Capitol	Shorewood	53211	Milwaukee	15
WIST3018	Larrys Auto	6373 North 91st Street	Milwaukee	53225	Milwaukee	24
WIST4014	Laubenheimer's Garage LLC	1860 Hwy 175, PO Box 36	Richfield	53076	Washington	18
WIST4032	Laus Tire & Auto	5025 W. Villard Ave.	Milwaukee	53218	Milwaukee	24
WIST4053	Liberty Street Auto	1600 Durand Ave	Racine	53404	Racine	18
WIST7023	Lisbon Sales & Services	7515 W. Lisbon Ave.	Milwaukee	53216	Milwaukee	15
WIST6013	Lutter's Elmbrook Automotive	16880 Greenfield Ave.	Brookfield	53005	Waukesha	27
WIST6001	M & M Citgo	2101 Douglas Ave.	Racine	53402	Racine	18
WIST6021	Maddison Automotive	210 N. Wales Rd.	Wales	53183	Waukesha	15
WIST7120	Manyo Motors	4035 N Green Bay Avenue	Milwaukee	53212	Milwaukee	21
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	18
WIST7133	MBS Tire and Auto	2835 Lathrop Ave.	Racine	53405	Racine	6
WIST3025	Meineke - Racine	6006 21ST STREET	Racine	53406	Racine	18
WIST4042	Meineke Car Care Center	4320 S 27TH ST	Milwaukee	53221	Milwaukee	27
WIST5077	Menomonee Falls Super Lube	W156 N8390 Pilgrim Rd	Menomonee Falls	53051	Waukesha	18
WIST6016	Mertens Auto Service Center	389 Milwaukee Ave.	Burlington	53105	Racine	18
WIST7103	Meyer Motors Inc.	107 Plaza Lane	Plymouth	53073	Sheboygan	21
WIST7027	Midas - Capitol Dr.	5811 W. Capitol Dr.	Milwaukee	53216	Milwaukee	15
WIST7024	Midas - Kenosha	4500 52nd St.	Kenosha	53144	Kenosha	12
WIST7025	Midas - Menomonee Falls	N96 W18375 Hwy Q	Menomonee Falls	53052	Waukesha	18
WIST7007	Midas - Racine	1230 S. Green Bay Rd	Racine	53406	Racine	12
WIST2014	Midas - Wisconsin Ave.	3706 W. Wisconsin Ave.	Milwaukee	53208	Milwaukee	21
WIST8011	Mike's Quality Auto	457 Falcon Ridge Dr	Burlington	53105	Racine	18
WIST5076	Mister Car Wash - Cudahy	5506 S Packard Ave	Cudahy	53110	Milwaukee	27
WIST6041	Mister Car Wash - Franklin	7700 W. Rawson Ave	Franklin	53132	Milwaukee	27
WIST2026	Mister Car Wash - Menomonee Falls	N95 W18255 Appleton Avenue	Menomonee Falls	53051	Waukesha	18
WIST5047	Monro	1212 S. 108th St.	West Allis	53214	Milwaukee	0
WIST5036	Monro - 27th St.	3849 S. 27th St.	Milwaukee	53221	Milwaukee	27
WIST5021	Monro - Bluemound Rd	5930 W. Bluemound Rd	Milwaukee	53213	Milwaukee	21
WIST7015	Monro - Brookfield	13190 W. Capitol Dr.	Brookfield	53005	Waukesha	3
WIST6014	Monro - Cudahy	6084 S. Packard Ave.	Cudahy	53110	Milwaukee	27
WIST6012	Monro - Layton Ave.	7500 W. Layton Ave.	Greenfield	53220	Milwaukee	24
WIST5075	Muffler Magic - 76th Street (AAMCO)	9055 N 76th	Milwaukee	53223	Milwaukee	21

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WIST4056	Muffler Magic 60th St.	4357 N. 60th St.	Milwaukee	53216	Milwaukee	15
WIST4055	Munro's Auto Service	5048 S. 27th	Milwaukee	53221	Milwaukee	27
WIST7094	Muskego Tire & Auto	573 W16610 Janesville Rd	Muskego	53150	Waukesha	18
WIST8004	National Auto Tech	630 W. National Ave	Milwaukee	53204	Milwaukee	24
WIST7095	National Complete Auto Care	16405 W. National Ave.	New Berlin	53151	Waukesha	12
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	12
WIST6034	New Berlin Tire	15650 W National Ave	New Berlin	53151	Waukesha	15
WIST4006	Newman Chevrolet	1181 Wauwatosa Rd	Cedarburg	53012	Ozaukee	18
WIST7032	North Avenue Firestone	4926 W. North Ave.	Milwaukee	53208	Milwaukee	9
WIST7014	Oak Creek Automotive Inc.	7948 S. 27th St.	Oak Creek	53154	Milwaukee	27
WIST5004	O'Gorman's West Town Auto	7105 W. North Ave.	Wauwatosa	53213	Milwaukee	15
WIST7044	Oil Express - AKA River Falls Oil & Tire	N88W15220 Main St.	Menomonee Falls	53051	Waukesha	18
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	12
WIST7033	Pinkalla Auto Solutions	3059 Durand Ave.	Racine	53403	Racine	18
WIST2021	Port Washington Super Lube	1610 N Washington St	Port Washington	53074	Ozaukee	18
WIST5017	Pro Auto Center	303 E. Monroe Ave.	Hartford	53027	Washington	18
WIST4031	R & R Automotive	6930 39th Ave.	Kenosha	53142	Kenosha	18
WIST8008	R.K. Motors	3700 N Holton St	Milwaukee	53212	Milwaukee	21
WIST7036	Racine Auto Specialist	2320 Douglas Ave.	Racine	53402	Racine	18
WIST1018	Ramsey Motors	5900 S 27th St.	Milwaukee	53221	Milwaukee	27
WIST7039	Richfield Service	1810 Wolf Rd	Richfield	53076	Washington	18
WIST7041	Richlonns Tire & Service Center - Greendale	5131 S. 76th St.	Greendale	53129	Milwaukee	27
WIST5037	Richlonns Tire & Service Center - Greenfield	4440 S. 108th St.	Greenfield	53228	Milwaukee	24
WIST7040	Richlonns Tire & Service Center - Muskego	578 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	15
WIST7045	Rivers Edge Oil & Tire	811 S. Rochester St.	Mukwonago	53149	Waukesha	12
WIST5058	Ruby Isle Auto	11137 W. Silver Spring Dr.	Milwaukee	53225	Milwaukee	27
WIST5003	Russ Darrow Chrysler Jeep Dodge	7676 North 76th St	Milwaukee	53223	Milwaukee	21
WIST7009	Russ Darrow Honda	9301 W. Brown Deer Rd	Milwaukee	53224	Milwaukee	21
WIST7086	Russ Darrow Kia of Waukesha	2141 E. Moreland Blvd	Waukesha	53186	Waukesha	24
WIST4026	Russ Darrow Kia of Wauwatosa	1901 N. Mayfair Rd	Wauwatosa	53226	Milwaukee	15
WIST5023	Russ Darrow Mitsubishi	W226 S1700 Hwy 164	Waukesha	53186	Waukesha	24
WIST5044	Russ Darrow Nissan	11212 W Metro Blvd	Milwaukee	53224	Milwaukee	24
WIST3028	Russ Darrow Sheboygan	5515 Racetrack Rd	Sheboygan	53081	Sheboygan	24
WIST7049	Russ Darrow Toyota	2700 W. Washington St.	West Bend	53095	Washington	21

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WIST7006	Russ Darrow West Bend	3210 W. Washington St.	West Bend	53095	Washington	21
WIST7011	Salem Auto Service	8515 Antioch Rd	Salem	53168	Kenosha	18
WISTT005	Schaefer Service Center (TAC)	1130 E. Commerce Blvd	Slinger	53086	Washington	21
WIST7080	Schmit Bros Ford Lincoln	925 E. Green Bay Rd	Saukville	53080	Ozaukee	18
WIST7083	Sheboygan Chevrolet GMC Buick	3400 S. Business Dr.	Sheboygan	53081	Sheboygan	24
WIST7098	Shorewood Auto Repair	1330 E. Capitol Dr.	Shorewood	53211	Milwaukee	15
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	18
WIST7069	Silvernail Emissions Car Care & Uhaul	2210 Silvernail Rd	Pewaukee	53072	Waukesha	12
WIST7054	Sippl's Auto Service Inc.	N87 W17460 Main St.	Menomonee Falls	53051	Waukesha	18
WIST7055	South Milwaukee Car Care Center	1221 N. Chicago Ave.	South Milwaukee	53172	Milwaukee	27
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	21
WIST7118	Tech Way	4004 S Kinnickinnic Ave	St Francis	53235	Milwaukee	27
WIST1016	Tenley Auto	9208 West Capitol Drive	Milwaukee	53222	Milwaukee	21
WIST7061	Theel Auto Inc.	N8364 County Rd J	Elkhart Lake	53020	Sheboygan	21
WIST7123	Tires Plus - Kenosha	7424 74th Place	Kenosha	53142	Kenosha	18
WIST2028	Tires Unlimited Automotive Service	1557 N. Wisconsin St.	Port Washington	53074	Ozaukee	18
WIST7128	Tri City Hyundai	6133 S. 27th street	Greenfield	53122	Milwaukee	6
WIST7064	Trust Tire & Auto Service	10432 N. Port Washington Rd	Mequon	53092	Ozaukee	18
WIST7065	Twenty First Century Auto	5300 W. Forest Home Ave.	Milwaukee	53220	Milwaukee	27
WIST6040	Valvoline - 27th St.	3360 S. 27th St.	Milwaukee	53221	Milwaukee	27
WIST5074	Valvoline - 68th St.	112 S. 68th St.	Milwaukee	53214	Milwaukee	33
WIST7125	Valvoline - Capitol Dr	7028 W Capitol Dr	Milwaukee	53216	Milwaukee	0
WIST6039	Valvoline - Delafield	2325 Sun Valley Dr	Delafield	53018	Waukesha	12
WIST7124	Valvoline - Glendale	6100 N Port Washington Rd	Glendale	53212	Milwaukee	15
WIST3024	Valvoline - Greenfield	4839 S. 27th Street	Greenfield	53221	Milwaukee	27
WIST6037	Valvoline - Kenosha	3015 52nd St	Kenosha	53144	Kenosha	18
WIST7130	Valvoline - Layton	8008 W Layton Ave	Greenfield	53220	Milwaukee	18
WIST6031	Valvoline - Muskego	N167S7825 Lions Park Dr	Muskego	53150	Waukesha	12
WIST1017	Valvoline - North Ave	1700 E North Ave	Milwaukee	53202	Milwaukee	6
WIST7127	Valvoline - Pewaukee	1812 Silvernail Rd	Pewaukee	53072	Waukesha	12
WIST4054	Valvoline - Plymouth	1950 Eastern Ave	Plymouth	53073	Sheboygan	21
WIST7126	Valvoline - Racine	5920 21st St	Racine	53405	Racine	18
WIST2024	Valvoline - Waukesha	1951 E Main St	Waukesha	53186	Waukesha	24
WIST4039	Van Horn Dodge	3000 Eastern Ave	Plymouth	53073	Sheboygan	9
WIST7067	Village Tire & Auto	W172 N12185 Division Rd	Germantown	53022	Washington	18
WIST7068	Wales Super Lube #421	120 W. Summit Ave	Wales	53183	Waukesha	18
WIST7046	Weigman's Automotive Inc	7169 W. Fond du Lac Ave.	Milwaukee	53218	Milwaukee	27

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WIST7070	Weissman Automotive	W140 N10455 Fond du Lac Ave.	Germantown	53022	Washington	18
WIST7071	Welks Automotive	8333 W. Layton Ave.	Greenfield	53220	Milwaukee	27
WIST4048	West Bend Super Lube	2353 W Washington St	West Bend	53095	Washington	18
WIST7072	Westside Auto Center	820 W. Sumner St.	Hartford	53027	Washington	18
WIST7106	Wilde Toyota	3225 S. 108 St.	West Allis	53227	Milwaukee	27
WIST7073	Wilmot Auto Service Inc.	11307 Fox River Rd	Wilmot	53192	Kenosha	18
WIST7074	Wisconsin Muffler - Lincoln Ave.	3634 W. Lincoln Ave.	Milwaukee	53215	Milwaukee	27
WIST7075	Wisconsin Muffler - New Berlin	13320 W. College Ave.	New Berlin	53151	Waukesha	15
WIST1111	WISDOT	1001 West St. Paul Ave	Milwaukee	53233	Milwaukee	12
WIST7076	WJ Kuhn Automotive Center Inc.	8511 S. Howell Ave.	Oak Creek	53154	Milwaukee	27