
WISCONSIN
VEHICLE INSPECTION PROGRAM
ANNUAL REPORT
2023



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BACKGROUND

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

The WVIP is one of the primary components of the strategy to reduce air pollution in southeastern Wisconsin area. Each year, over 600,000 cars and light duty trucks in a seven county region of southeastern Wisconsin's ozone non-attainment area are tested for emissions. The program covers more than 2,500 square miles over seven counties: Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Washington, and Waukesha. Vehicles receive inspections in a decentralized network of approximately 200 private inspection facilities (PIF) located in all seven of the program counties. Vehicle population determines PIF distribution. At the end of calendar year 2023 the PIF per county totals were:

- Kenosha = 15
- Milwaukee = 66
- Racine = 20
- Sheboygan = 11
- Waukesha = 34
- Ozaukee = 10
- Washington = 19

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

PROGRAM OVERVIEW

Geographical Area:	Seven southeastern Wisconsin counties: Sheboygan, Washington, Ozaukee, Waukesha, Milwaukee, Racine and Kenosha. Testing region covers 2,500 square miles.
Test Procedure:	OBDII testing, in which a vehicle's on-board computer is checked for emissions-related problems, is the standard test for all 1996 and newer gasoline-fueled vehicles equipped with OBDII technology and all 2007 and newer diesel-fueled vehicles equipped with OBDII technology.
Network Size:	180 Private Inspection Facilities, 194 inspection lanes, 5 Technical Assistance Centers
Model Years (MY) Tested	<i>Registration Renewal Testing:</i> Model Years 1996 through 2023

- 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 2016 and older in CY 2023

QUALITY CONTROL/QUALITY ASSURANCE

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

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

NETWORK

The WIVIP is a decentralized test and repair network comprised of 200 Private Inspection Facilities located throughout the seven-county program region. The stations receive all analyzer equipment, service, consumables and inspector training, free of charge from Opus Inspection, the program management company. The list of PIFs participating in the network in 2023, and their locations (see section 40 CFR Part 51.366 (b)(1)(i) of this report).

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 over the past 20 years, the state has several areas (all of Milwaukee and Ozaukee counties and parts of Kenosha, Racine, Sheboygan, Washington and Waukesha counties) that are currently designated as nonattainment areas for federal ozone standards.

Motor Vehicle Emission Reductions & Air Quality Improvement

Motor vehicle emissions have a substantial role in determining regional air quality. 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 2023:

- Volatile organic compounds (VOC) emissions reduced by 0.76 tons per summer weekday, or 5.7% (6.2% reduction in light-duty vehicle emissions).
- Oxides of nitrogen (NOx) emissions reduced by 0.59 tons per summer weekday, or 3.3% (8.1% reduction in light-duty vehicle emissions).
- Carbon monoxide (CO) emissions reduced by 32.92 tons per summer weekday, or 12.3% (13.1% reduction in light-duty vehicle emissions).

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

		Volatile Organic Compounds (VOC)						
		2005	2008	2011	2014	2017	2020	2023
No WVIP	Light-Duty Vehicles	46.80	36.14	30.92	20.82	16.93	12.93	12.21
No WVIP	Heavy-Duty Vehicles	6.16	5.18	4.34	3.03	2.36	1.53	1.13
No WVIP	% Light-Duty Vehicles	88.4%	87.5%	87.7%	87.3%	87.8%	89.4%	91.5%
No WVIP	All Vehicles	52.95	41.32	35.26	23.86	19.29	14.46	13.33
WVIP	Light-Duty Vehicles	41.20	32.06	29.30	19.50	15.90	12.20	11.45
WVIP	Heavy-Duty Vehicles	6.16	5.18	4.34	3.03	2.35	1.53	1.12
WVIP	% Light-Duty Vehicles	87.0%	86.1%	87.1%	86.6%	87.1%	88.9%	91.1%
WVIP	All Vehicles	47.36	37.24	33.64	22.54	18.26	13.73	12.58
WVIP Reductions (tons)		5.60	4.08	1.61	1.32	1.03	0.73	0.76
WVIP Reductions (% of Light-Duty Emissions)		12.0%	11.3%	5.2%	6.3%	6.1%	5.6%	6.2%
WVIP Reductions (% of All Vehicle Emissions)		10.6%	9.9%	4.6%	5.5%	5.3%	5.1%	5.7%

		Oxides of Nitrogen (NOx)						
		2005	2008	2011	2014	2017	2020	2023
No WVIP	Light-Duty Vehicles	83.44	64.95	53.64	31.42	18.16	9.71	7.25
No WVIP	Heavy-Duty Vehicles	53.76	42.57	34.06	25.40	21.08	15.39	10.66
No WVIP	% <i>Light-Duty Vehicles</i>	60.8%	60.4%	61.2%	55.3%	46.3%	38.7%	40.5%
No WVIP	All Vehicles	137.20	107.52	87.70	56.82	39.25	25.10	17.91
WVIP	Light-Duty Vehicles	74.71	58.02	49.85	28.84	16.68	8.97	6.66
WVIP	Heavy-Duty Vehicles	53.76	42.57	34.05	25.39	21.08	15.39	10.66
WVIP	% <i>Light-Duty Vehicles</i>	58.2%	57.7%	59.4%	53.2%	44.2%	36.8%	38.5%
WVIP	All Vehicles	128.47	100.59	83.91	54.23	37.76	24.35	17.32
WVIP Reductions (tons)		8.74	6.93	3.79	2.58	1.49	0.74	0.59
WVIP Reductions (% of Light-Duty Emissions)		10.5%	10.7%	7.1%	8.2%	8.2%	7.6%	8.1%
WVIP Reductions (% of All Vehicle Emissions)		6.4%	6.4%	4.3%	4.5%	3.8%	3.0%	3.3%

		Carbon Monoxide (CO)						
		2005	2008	2011	2014	2017	2020	2023
No WVIP	Light-Duty Vehicles	658.72	547.51	507.52	387.36	335.56	242.64	250.94
No WVIP	Heavy-Duty Vehicles	51.89	40.43	33.72	25.95	23.39	17.74	17.35
No WVIP	% <i>Light-Duty Vehicles</i>	92.7%	93.1%	93.8%	93.7%	93.5%	93.2%	93.5%
No WVIP	All Vehicles	710.61	587.94	541.25	413.31	358.94	260.38	268.28
WVIP	Light-Duty Vehicles	578.36	477.99	464.96	346.28	297.11	214.50	218.13
WVIP	Heavy-Duty Vehicles	51.89	40.43	33.71	25.90	23.31	17.66	17.23
WVIP	% <i>Light-Duty Vehicles</i>	91.8%	92.2%	93.2%	93.0%	92.7%	92.4%	92.7%
WVIP	All Vehicles	630.24	518.42	498.67	372.18	320.42	232.16	235.36
WVIP Reductions (tons)		80.36	69.52	42.58	41.13	38.52	28.22	32.92
WVIP Reductions (% of Light-Duty Emissions)		12.2%	12.7%	8.4%	10.6%	11.5%	11.6%	13.1%
WVIP Reductions (% of All Vehicle Emissions)		11.3%	11.8%	7.9%	10.0%	10.7%	10.8%	12.3%

NOTES:

1. Emissions calculated for calendar year 2023 using the U.S. EPA's MOVES_{4.0.1} model, released January 2024, and for the earlier calendar years using the U.S. EPA's MOVES₄ model, released August 2023.
2. The MOVES models do not calculate benefits from the testing of diesel-powered vehicles. As a result, the WVIP reductions presented above are slight under-estimates since for model years 2007 and newer, the WVIP does test diesel-powered vehicles up to 14,000 pounds gross vehicle weight rating.
3. Emissions calculated for the year 2023 are preliminary, since local 2023 vehicle-miles of travel data are not yet available. Instead, projected 2023 travel data were used.
4. In July 2008, the WVIP dropped tailpipe testing entirely and only tested vehicles of model years 1996 and newer by scanning their on-board diagnostic (OBD) systems. This exempted all vehicles of model years 1995 and older, resulting in lower emission reduction percentages after 2008 than before. After 2008, the emission reduction percentages show a generally small increasing trend on account of an increasing percentage of the total vehicle travel by the tested vehicles (model year 1996 and newer vehicles).
5. The one exception to the trend of increasing emission reduction percentages after 2008 is the trend for NO_x when both light-duty and heavy-duty vehicles are considered. From 2014 to 2023 these NO_x reductions decreased from 4.5% to 3.3%. The key reason for this decline is that a significant reduction in light-duty NO_x emissions occurred during this period from federal regulations for both new light-duty vehicle emission standards and progressively lower gasoline sulfur levels. The effect of these regulations was 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., most heavy-duty diesel-powered trucks). This decreasing share is reflected in the above table, which shows that in 2014 the share of NO_x emissions from light-duty vehicles was 53.2%, but in 2023 it was down to 38.5%.

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 have since decreased markedly since 2001, with the downward trend slowing in recent years.

During that period, U.S. EPA has repeatedly lowered the level of the 8-hour ozone standard, from 0.08 ppm in 1997 to 0.070 ppm in 2015. Wisconsin has made the following progress in meeting these standards:

- **1997 Ozone Standard (0.08 ppm, rounds to 0.084 ppm):** Ten counties in Wisconsin (including all seven in the WVIP) were designated as nonattainment for the 1997 standard. Subsequently, all but one of these counties (Sheboygan County) were redesignated to attainment before the standard was revoked in 2015.
- **2008 Ozone Standard (0.075 ppm):** Two areas of the state, Sheboygan County and the eastern part of Kenosha County, were designated nonattainment for the 2008 standard. Both areas subsequently attained the standard.

- **2015 Ozone Standard (0.070 ppm):** Between 2018 and 2021, Wisconsin had multiple areas designated as nonattainment areas under the more stringent 2015 ozone standard. These nonattainment areas included the Milwaukee area (Milwaukee and Ozaukee counties and parts of Washington, Waukesha, and Racine counties), as well as portions of Kenosha, Sheboygan, Manitowoc and Door counties. EPA subsequently redesignated the Manitowoc County and Door County areas to attainment, based on air quality measurements that met the standard. The other areas remain in nonattainment of the 2015 standard.

The WVIP will play an important, ongoing role in the state's efforts to attain the ozone standards in the current nonattainment areas and to maintain attainment throughout all of eastern Wisconsin.

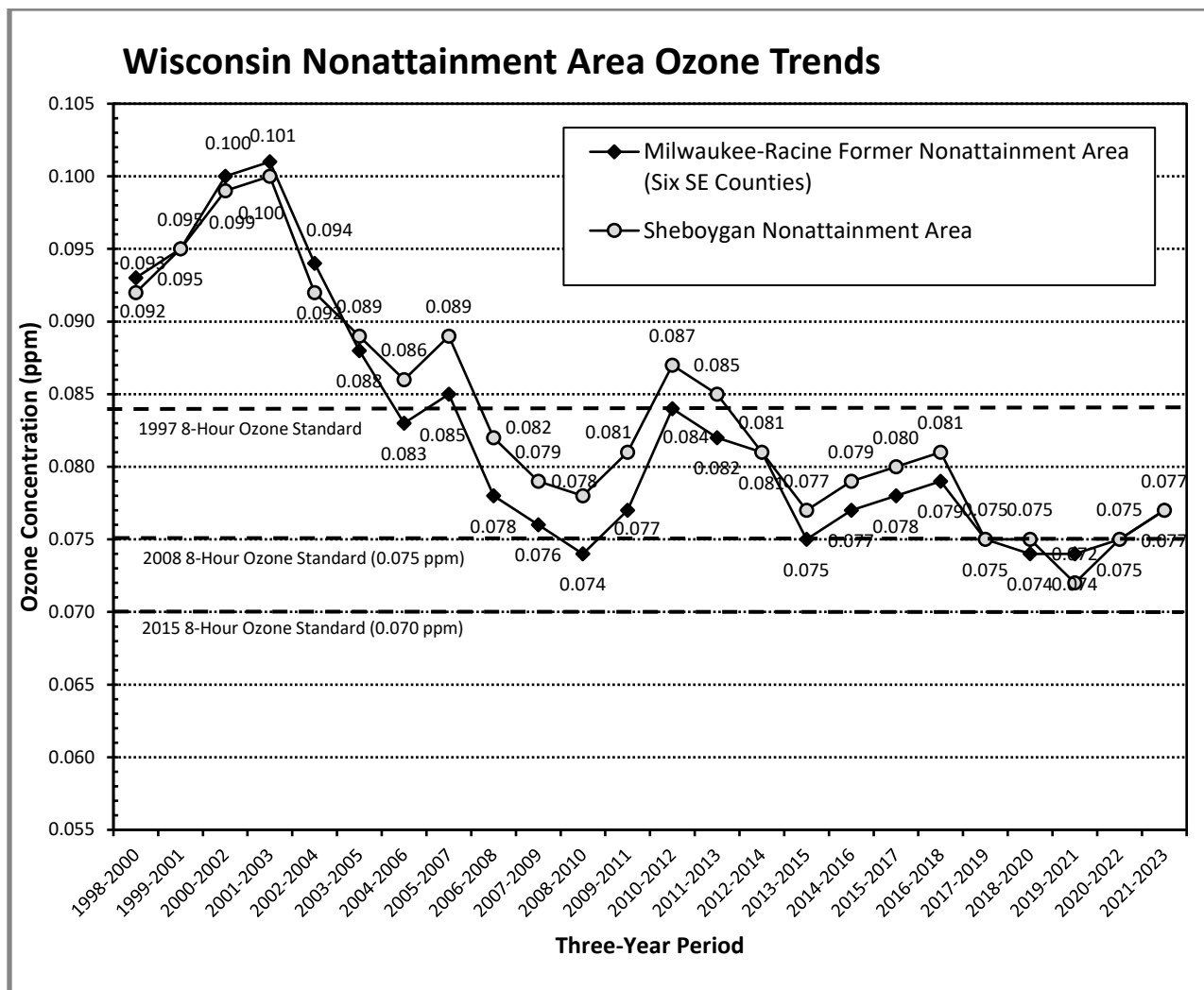


Figure 1. Trends in ozone design values for the Wisconsin Vehicle Inspection Program area. The highest value in the area is shown in each case. Note that since temperature has a strong influence on ozone concentrations, the values are highest for the time periods including hot summers, most notably the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

Note: The "Six SE Counties" are Kenosha, Milwaukee, Ozaukee, Racine, Washington and Waukesha counties.

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

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

TEST DATA REPORT

OPERATING STATISTICS

ALL TESTS

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

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

Model Year	Passenger Car	SUV	Truck	Van	Test Count
1996	1,097	377	685	166	2,325
1997	494	191	290	80	1,055
1998	2,242	921	1,249	303	4,715
1999	889	567	476	164	2,096
2000	4,228	1,791	2,014	823	8,856
2001	1,444	794	702	230	3,170
2002	6,869	4,237	3,011	1,229	15,346
2003	2,609	1,582	965	441	5,597
2004	10,825	7,539	3,786	1,977	24,127
2005	3,761	2,302	1,037	839	7,939
2006	16,336	8,925	3,717	3,611	32,589
2007	5,531	3,289	1,226	900	10,946
2008	21,376	14,038	4,783	3,892	44,089
2009	5,360	2,271	815	584	9,030
2010	24,009	12,817	4,185	3,650	44,661
2011	6,146	4,324	1,403	998	12,871
2012	32,729	19,494	5,872	5,102	63,197
2013	8,537	5,252	1,543	1,135	16,467
2014	37,434	27,730	8,423	6,280	79,867
2015	8,428	6,989	2,092	1,290	18,799
2016	36,940	34,422	10,878	6,538	88,778
2017	7,782	7,720	2,392	1,466	19,360
2018	31,631	40,907	12,165	5,255	89,958
2019	2,567	2,992	1,294	924	7,777

2020	19,547	31,893	9,419	4,111	64,970
2021	706	1,373	451	177	2,707
2022	147	271	76	39	533
2023	43	24	10	2	79
2024	10	1	1		12
Total	299,717	245,033	84,960	52,206	681,916

INITIAL TESTS

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

The number of vehicles tested by model year and vehicle type initially failing by test type

Model Year	Passenger Car	SUV	Truck	Van	Total
Model Year	Passenger Car	SUV	Truck	Van	Total
Initial Fail	32	11	26	7	76
Initial Pass	325	95	173	38	631
Failure Rate	8.96%	10.38%	13.07%	15.56%	10.75%
1997	1,747	763	1,183	267	3,960
Initial Fail	101	58	94	23	276
Initial Pass	1,646	705	1,089	244	3,684
Failure Rate	5.78%	7.60%	7.95%	8.61%	6.97%
1998	664	278	348	109	1,399
Initial Fail	62	29	49	12	152
Initial Pass	602	249	299	97	1,247
Failure Rate	9.34%	10.43%	14.08%	11.01%	10.86%
1999	3,385	1,898	1,557	570	7,410
Initial Fail	270	173	102	46	591
Initial Pass	3,115	1,725	1,455	524	6,819
Failure Rate	7.98%	9.11%	6.55%	8.07%	7.98%
2000	1,259	606	581	247	2,693
Initial Fail	130	69	53	30	282
Initial Pass	1,129	537	528	217	2,411
Failure Rate	10.33%	11.39%	9.12%	12.15%	10.47%
2001	5,262	2,636	2,533	787	11,218
Initial Fail	490	295	181	92	1,058
Initial Pass	4,772	2,341	2,352	695	10,160
Failure Rate	9.31%	11.19%	7.15%	11.69%	9.43%
2002	2,021	1,213	810	346	4,390
Initial Fail	244	163	75	37	519
Initial Pass	1,777	1,050	735	309	3,871
Failure Rate	12.07%	13.44%	9.26%	10.69%	11.82%
2003	9,421	5,737	3,483	1,683	20,324
Initial Fail	736	498	236	124	1,594
Initial Pass	8,685	5,239	3,247	1,559	18,730
Failure Rate	7.81%	8.68%	6.78%	7.37%	7.84%
2004	2,935	2,147	933	559	6,574
Initial Fail	304	222	79	64	669
Initial Pass	2,631	1,925	854	495	5,905
Failure Rate	10.36%	10.34%	8.47%	11.45%	10.18%
2005	14,926	8,621	4,011	3,521	31,079
Initial Fail	965	601	203	242	2,011
Initial Pass	13,961	8,020	3,808	3,279	29,068
Failure Rate	6.47%	6.97%	5.06%	6.87%	6.47%
2006	4,350	2,279	862	891	8,382
Initial Fail	408	213	55	60	736
Initial Pass	3,942	2,066	807	831	7,646
Failure Rate	9.38%	9.35%	6.38%	6.73%	8.78%

40 CFR §51.366 (a)(2)(i)

The number of vehicles tested by model year and vehicle type initially failing by test type

2007	21,903	12,587	4,657	3,444	42,591
Initial Fail	1,069	764	261	200	2,294
Initial Pass	20,834	11,823	4,396	3,244	40,297
Failure Rate	4.88%	6.07%	5.60%	5.81%	5.39%
2008	5,587	3,394	1,105	1,052	11,138
Initial Fail	412	219	77	90	798
Initial Pass	5,175	3,175	1,028	962	10,340
Failure Rate	7.37%	6.45%	6.97%	8.56%	7.16%
2009	21,897	9,428	3,052	2,302	36,679
Initial Fail	829	435	130	120	1,514
Initial Pass	21,068	8,993	2,922	2,182	35,165
Failure Rate	3.79%	4.61%	4.26%	5.21%	4.13%
2010	5,544	2,903	934	842	10,223
Initial Fail	252	164	37	53	506
Initial Pass	5,292	2,739	897	789	9,717
Failure Rate	4.55%	5.65%	3.96%	6.29%	4.95%
2011	26,099	18,421	5,866	3,758	54,144
Initial Fail	733	624	127	150	1,634
Initial Pass	25,366	17,797	5,739	3,608	52,510
Failure Rate	2.81%	3.39%	2.17%	3.99%	3.02%
2012	7,256	4,032	1,194	1,047	13,529
Initial Fail	281	117	32	50	480
Initial Pass	6,975	3,915	1,162	997	13,049
Failure Rate	3.87%	2.90%	2.68%	4.78%	3.55%
2013	37,083	23,924	6,926	5,058	72,991
Initial Fail	755	486	129	186	1,556
Initial Pass	36,328	23,438	6,797	4,872	71,435
Failure Rate	2.04%	2.03%	1.86%	3.68%	2.13%
2014	7,839	5,404	1,644	1,163	16,050
Initial Fail	194	113	32	41	380
Initial Pass	7,645	5,291	1,612	1,122	15,670
Failure Rate	2.47%	2.09%	1.95%	3.53%	2.37%
2015	39,177	33,487	9,870	6,416	88,950
Initial Fail	558	406	120	136	1,220
Initial Pass	38,619	33,081	9,750	6,280	87,730
Failure Rate	1.42%	1.21%	1.22%	2.12%	1.37%
2016	7,584	6,476	2,087	1,237	17,384
Initial Fail	109	85	23	38	255
Initial Pass	7,475	6,391	2,064	1,199	17,129
Failure Rate	1.44%	1.31%	1.10%	3.07%	1.47%
2017	37,094	40,317	11,576	6,740	95,727
Initial Fail	366	273	93	98	830
Initial Pass	36,728	40,044	11,483	6,642	94,897
Failure Rate	0.99%	0.68%	0.80%	1.45%	0.87%
2018	2,599	3,069	1,057	676	7,401
Initial Fail	37	16	7	11	71
Initial Pass	2,562	3,053	1,050	665	7,330
Failure Rate	1.42%	0.52%	0.66%	1.63%	0.96%
2019	25,397	35,092	11,740	5,300	77,529
Initial Fail	110	96	55	21	282
Initial Pass	25,287	34,996	11,685	5,279	77,247

40 CFR §51.366 (a)(2)(i)

The number of vehicles tested by model year and vehicle type initially failing by test type

Failure Rate	0.43%	0.27%	0.47%	0.40%	0.36%
2020	845	1,466	331	189	2,831
Initial Fail	4	1	2	2	9
Initial Pass	841	1,465	329	187	2,822
Failure Rate	0.47%	0.07%	0.60%	1.06%	0.32%
2021	174	252	71	24	521
Initial Fail	1	0	0	0	1
Initial Pass	173	252	71	24	520
Failure Rate	0.57%	0.0%	0.0%	0.0%	0.19%
2022	142	266	74	37	519
Initial Fail	0	1	2	0	3
Initial Pass	142	265	72	37	516
Failure Rate	0.0%	0.38%	2.70%	0.0%	0.58%
2023	42	22	8	1	73
Initial Fail	1	0	0	0	1
Initial Pass	41	22	8	1	72
Failure Rate	2.38%	0.0%	0.0%	0.0%	1.37%
2024	8	1	1	0	10
Initial Fail	0	0	0		0
Initial Pass	8	1	1		10
Failure Rate	0.0%	0.0%	0.0%	--	0.0%
Total Tests	282,727	233,706	79,353	48,740	644,526
Initial Fail	9,304	6,277	2,203	2,042	19,826
Initial Pass	273,423	227,429	77,150	46,698	624,700
Failure Rate	3.29%	2.69%	2.78%	4.19%	3.08%

40 CFR §51.366 (a)(2)(i)

The number of vehicles tested by model year and vehicle type
initially failing by test type

RETEST RESULTS

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

Model Year	Passenger Car	SUV	Truck	Van	Totals
1996	39	25	29	15	108
Fail	9	5	10	3	27
Pass	30	20	19	12	81
Fail Rate	23.08%	20.00%	34.48%	20.00%	25.00%
Pass Rate	76.92%	80.00%	65.52%	80.00%	75.00%
1997	24	17	23	6	70
Fail	8	8	8	1	25
Pass	16	9	15	5	45
Fail Rate	33.33%	47.06%	34.78%	16.67%	35.71%
Pass Rate	66.67%	52.94%	65.22%	83.33%	64.29%
1998	82	33	72	16	203
Fail	22	11	21	3	57
Pass	60	22	51	13	146
Fail Rate	26.83%	33.33%	29.17%	18.75%	28.08%
Pass Rate	73.17%	66.67%	70.83%	81.25%	71.92%
1999	57	40	25	13	135
Fail	19	15	6	3	43
Pass	38	25	19	10	92
Fail Rate	33.33%	37.50%	24.00%	23.08%	31.85%
Pass Rate	66.67%	62.50%	76.00%	76.92%	68.15%
2000	253	77	83	50	463
Fail	58	15	15	8	96
Pass	195	62	68	42	367
Fail Rate	22.92%	19.48%	18.07%	16.00%	20.73%
Pass Rate	77.08%	80.52%	81.93%	84.00%	79.27%
2001	104	54	40	18	216
Fail	36	15	10	15	76
Pass	68	39	30	3	140
Fail Rate	34.62%	27.78%	25.00%	83.33%	35.19%
Pass Rate	65.38%	72.22%	75.00%	16.67%	64.81%

40 CFR §51.366 (a)(2) (ii) – (iii)

The number of vehicles retested by model year and vehicle type passing or failing the first retest

2002	292	243	116	72	723
Fail	59	68	22	24	173
Pass	233	175	94	48	550
Fail Rate	20.21%	27.98%	18.97%	33.33%	23.93%
Pass Rate	79.79%	72.02%	81.03%	66.67%	76.07%
2003	154	116	43	29	342
Fail	38	39	9	10	96
Pass	116	77	34	19	246
Fail Rate	24.68%	33.62%	20.93%	34.48%	28.07%
Pass Rate	75.32%	66.38%	79.07%	65.52%	71.93%
2004	402	328	142	80	952
Fail	97	76	24	15	212
Pass	305	252	118	65	740
Fail Rate	24.13%	23.17%	16.90%	18.75%	22.27%
Pass Rate	75.87%	76.83%	83.10%	81.25%	77.73%
2005	208	134	53	41	436
Fail	48	42	11	16	117
Pass	160	92	42	25	319
Fail Rate	23.08%	31.34%	20.75%	39.02%	26.83%
Pass Rate	76.92%	68.66%	79.25%	60.98%	73.17%
2006	592	344	112	114	1,162
Fail	125	79	21	29	254
Pass	467	265	91	85	908
Fail Rate	21.11%	22.97%	18.75%	25.44%	21.86%
Pass Rate	78.89%	77.03%	81.25%	74.56%	78.14%
2007	243	189	66	47	545
Fail	65	54	12	9	140
Pass	178	135	54	38	405
Fail Rate	26.75%	28.57%	18.18%	19.15%	25.69%
Pass Rate	73.25%	71.43%	81.82%	80.85%	74.31%
2008	641	392	128	135	1,296
Fail	130	85	28	27	270
Pass	511	307	100	108	1,026
Fail Rate	20.28%	21.68%	21.88%	20.00%	20.83%
Pass Rate	79.72%	78.32%	78.13%	80.00%	79.17%
2009	248	103	23	29	403
Fail	52	40	2	4	98

40 CFR §51.366 (a)(2) (ii) – (iii)

The number of vehicles retested by model year and vehicle type
passing or failing the first retest

Pass	196	63	21	25	305
Fail Rate	20.97%	38.83%	8.70%	13.79%	24.32%
Pass Rate	79.03%	61.17%	91.30%	86.21%	75.68%
2010	518	354	76	119	1,067
Fail	102	73	11	18	204
Pass	416	281	65	101	863
Fail Rate	19.69%	20.62%	14.47%	15.13%	19.12%
Pass Rate	80.31%	79.38%	85.53%	84.87%	80.88%
2011	215	158	50	40	463
Fail	51	44	11	11	117
Pass	164	114	39	29	346
Fail Rate	23.72%	27.85%	22.00%	27.50%	25.27%
Pass Rate	76.28%	72.15%	78.00%	72.50%	74.73%
2012	604	320	91	127	1,142
Fail	108	62	10	25	205
Pass	496	258	81	102	937
Fail Rate	17.88%	19.38%	10.99%	19.69%	17.95%
Pass Rate	82.12%	80.63%	89.01%	80.31%	82.05%
2013	198	140	26	33	397
Fail	34	22	5	3	64
Pass	164	118	21	30	333
Fail Rate	17.17%	15.71%	19.23%	9.09%	16.12%
Pass Rate	82.83%	84.29%	80.77%	90.91%	83.88%
2014	479	367	74	161	1,081
Fail	58	46	9	14	127
Pass	421	321	65	147	954
Fail Rate	12.11%	12.53%	12.16%	8.70%	11.75%
Pass Rate	87.89%	87.47%	87.84%	91.30%	88.25%
2015	152	119	35	40	346
Fail	32	14	6	8	60
Pass	120	105	29	32	286
Fail Rate	21.05%	11.76%	17.14%	20.00%	17.34%
Pass Rate	78.95%	88.24%	82.86%	80.00%	82.66%
2016	355	279	77	115	826
Fail	45	21	11	9	86
Pass	310	258	66	106	740
Fail Rate	12.68%	7.53%	14.29%	7.83%	10.41%
Pass Rate	87.32%	92.47%	85.71%	92.17%	89.59%

40 CFR §51.366 (a)(2) (ii) – (iii)

The number of vehicles retested by model year and vehicle type passing or failing the first retest

2017	113	65	26	40	244
Fail	13	7	3	4	27
Pass	100	58	23	36	217
Fail Rate	11.50%	10.77%	11.54%	10.00%	11.07%
Pass Rate	88.50%	89.23%	88.46%	90.00%	88.93%
2018	170	157	55	37	419
Fail	20	15	5	4	44
Pass	150	142	50	33	375
Fail Rate	11.76%	9.55%	9.09%	10.81%	10.50%
Pass Rate	88.24%	90.45%	90.91%	89.19%	89.50%
2019	23	19	11	11	64
Fail	3	2	1	1	7
Pass	20	17	10	10	57
Fail Rate	13.04%	10.53%	9.09%	9.09%	10.94%
Pass Rate	86.96%	89.47%	90.91%	90.91%	89.06%
2020	48	81	18	18	165
Fail	4	6	1	2	13
Pass	44	75	17	16	152
Fail Rate	8.33%	7.41%	5.56%	11.11%	7.88%
Pass Rate	91.67%	92.59%	94.44%	88.89%	92.12%
2021	0	1	1	2	4
Fail		0	0	0	0
Pass		1	1	2	4
Fail Rate	--	0.0%	0.0%	0.0%	0.0%
Pass Rate	--	100.0%	100.0%	100.0%	100.0%
2022	0	0	1	0	1
Fail			0	0	
Pass			1	1	
Fail Rate	--	--	0.0%	--	0.0%
Pass Rate	--	--	100.0%	--	100.0%
Totals	6,214	4,155	1,496	1,408	13,273
Fail	1,236	864	272	266	2,638
Pass	4,978	3,291	1,224	1,142	10,635
Fail Rate	19.89%	20.79%	18.18%	18.89%	19.87%
Pass Rate	80.11%	79.21%	81.82%	81.11%	80.13%

40 CFR §51.366 (a)(2) (ii) – (iii)

The number of vehicles retested by model year and vehicle type passing or failing the first retest

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.

Retest by Model Year	Passenger Car	SUV	Truck	Van	Totals
1996	23	7	12	6	48
# Fail	18	6	4	4	32
# Pass	5	1	8	2	16
Fail Rate	78.26%	85.71%	33.33%	66.67%	66.67%
Pass Rate	21.74%	14.29%	66.67%	33.33%	33.33%
1997	8	19	14	1	42
# Fail	4	12	9	1	26
# Pass	4	7	5	0	16
Fail Rate	50.00%	63.16%	64.29%	100.0%	61.90%
Pass Rate	50.00%	36.84%	35.71%	0.00%	38.10%
1998	23	11	18	2	54
# Fail	9	6	8	2	25
# Pass	14	5	10	0	29
Fail Rate	39.13%	54.55%	44.44%	100.0%	46.30%
Pass Rate	60.87%	45.45%	55.56%	0.00%	53.70%
1999	44	22	9	4	79
# Fail	26	14	5	1	46
# Pass	18	8	4	3	33
Fail Rate	59.09%	63.64%	55.56%	25.00%	58.23%
Pass Rate	40.91%	36.36%	44.44%	75.00%	41.77%
2000	62	24	13	12	111
# Fail	30	12	6	4	52
# Pass	32	12	7	8	59
Fail Rate	48.39%	50.00%	46.15%	33.33%	46.85%
Pass Rate	51.61%	50.00%	53.85%	66.67%	53.15%
2001	53	26	16	13	108
# Fail	30	9	8	9	56
# Pass	23	17	8	4	52
Fail Rate	56.60%	34.62%	50.00%	69.23%	51.85%
Pass Rate	43.40%	65.38%	50.00%	30.77%	48.15%

40 CFR §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

2002	63	74	21	26	184
# Fail	32	28	12	14	86
# Pass	31	46	9	12	98
Fail Rate	50.79%	37.84%	57.14%	53.85%	46.74%
Pass Rate	49.21%	62.16%	42.86%	46.15%	53.26%
2003	56	39	18	17	130
# Fail	24	14	7	5	50
# Pass	32	25	11	12	80
Fail Rate	42.86%	35.90%	38.89%	29.41%	38.46%
Pass Rate	57.14%	64.10%	61.11%	70.59%	61.54%
2004	95	81	30	17	223
# Fail	36	35	10	5	86
# Pass	59	46	20	12	137
Fail Rate	37.89%	43.21%	33.33%	29.41%	38.57%
Pass Rate	62.11%	56.79%	66.67%	70.59%	61.43%
2005	57	54	12	14	137
# Fail	23	21	4	10	58
# Pass	34	33	8	4	79
Fail Rate	40.35%	38.89%	33.33%	71.43%	42.34%
Pass Rate	59.65%	61.11%	66.67%	28.57%	57.66%
2006	123	98	24	31	276
# Fail	49	44	10	12	115
# Pass	74	54	14	19	161
Fail Rate	39.84%	44.90%	41.67%	38.71%	41.67%
Pass Rate	60.16%	55.10%	58.33%	61.29%	58.33%
2007	63	69	13	34	179
# Fail	21	26	6	21	74
# Pass	42	43	7	13	105
Fail Rate	33.33%	37.68%	46.15%	61.76%	41.34%
Pass Rate	66.67%	62.32%	53.85%	38.24%	58.66%
2008	134	74	25	28	261
# Fail	51	33	8	10	102
# Pass	83	41	17	18	159
Fail Rate	38.06%	44.59%	32.00%	35.71%	39.08%
Pass Rate	61.94%	55.41%	68.00%	64.29%	60.92%
2009	59	55	6	3	123

40 CFR §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

# Fail	26	20	2	1	49
# Pass	33	35	4	2	74
Fail Rate	44.07%	36.36%	33.33%	33.33%	39.84%
Pass Rate	55.93%	63.64%	66.67%	66.67%	60.16%
2010	90	85	21	18	214
# Fail	33	45	12	6	96
# Pass	57	40	9	12	118
Fail Rate	36.67%	52.94%	57.14%	33.33%	44.86%
Pass Rate	63.33%	47.06%	42.86%	66.67%	55.14%
2011	44	47	16	12	119
# Fail	19	13	2	5	39
# Pass	25	34	14	7	80
Fail Rate	43.18%	27.66%	12.50%	41.67%	32.77%
Pass Rate	56.82%	72.34%	87.50%	58.33%	67.23%
2012	108	57	13	20	198
# Fail	37	16	1	4	58
# Pass	71	41	12	16	140
Fail Rate	34.26%	28.07%	7.69%	20.00%	29.29%
Pass Rate	65.74%	71.93%	92.31%	80.00%	70.71%
2013	56	29	4	7	96
# Fail	22	12	3	3	40
# Pass	34	17	1	4	56
Fail Rate	39.29%	41.38%	75.00%	42.86%	41.67%
Pass Rate	60.71%	58.62%	25.00%	57.14%	58.33%
2014	73	52	14	14	153
# Fail	33	17	2	2	54
# Pass	40	35	12	12	99
Fail Rate	45.21%	32.69%	14.29%	14.29%	35.29%
Pass Rate	54.79%	67.31%	85.71%	85.71%	64.71%
2015	38	16	8	8	70
# Fail	14	4	3	4	25
# Pass	24	12	5	4	45
Fail Rate	36.84%	25.00%	37.50%	50.00%	35.71%
Pass Rate	63.16%	75.00%	62.50%	50.00%	64.29%
2016	47	20	9	8	84
# Fail	16	6	2	2	26

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The number of vehicles tested by model year and vehicle type that initially failed and passed the second or subsequent retest

# Pass	31	14	7	6	58
Fail Rate	34.04%	30.00%	22.22%	25.00%	30.95%
Pass Rate	65.96%	70.00%	77.78%	75.00%	69.05%
2017	22	12	3	11	48
# Fail	5	3	0	4	12
# Pass	17	9	3	7	36
Fail Rate	22.73%	25.00%	0.0%	36.36%	25.00%
Pass Rate	77.27%	75.00%	100.0%	63.64%	75.00%
2018	20	16	3	6	45
# Fail	6	7	0	2	15
# Pass	14	9	3	4	30
Fail Rate	30.00%	43.75%	0.0%	33.33%	33.33%
Pass Rate	70.00%	56.25%	100.0%	66.67%	66.67%
2019	3	0	1	0	4
# Fail	2		0		2
# Pass	1		1		2
Fail Rate	66.67%	--	0.0%	--	50.00%
Pass Rate	33.33%	--	100.0%	--	50.00%
2020	7	6	0	1	14
# Fail	4	3		0	7
# Pass	3	3		1	7
Fail Rate	57.14%	50.00%	--	0.0%	50.00%
Pass Rate	42.86%	50.00%	--	100.0%	50.00%
Totals	1,371	993	323	313	3,000
# Fail	570	406	124	131	1,231
# Pass	801	587	199	182	1,769
Fail Rate	41.58%	40.89%	38.39%	41.85%	41.03%
Pass Rate	58.42%	59.11%	61.61%	58.15%	58.97%

40 CFR §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

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 Jul 1, 2023, the repair cost limit for all model year vehicles subject to testing was \$978. The waiver repair cost limit was adjusted to \$1,053 on Jul 1, 2023. This figure is adjusted annually by the DNR per NR 485.045.

The following chart illustrates the cost waivers granted in 2023 by model year. Since mostly even model year vehicles were tested in 2023, they account for the majority of the waivers.

Vehicle Type	Initial Fail	Diagnostic Waiver	Repair Cost Waiver	Total Waivers	Waiver Rate
All 1996	244	4			
Passenger Car	95				--
SUV	54	0		0	--
Truck	69	4		4	5.80%

40 CFR §51.366 (a)(2) (v)

The number of vehicles tested by model year and vehicle type receiving a waiver

Van	26	0	0	--
All 1997	160	2	1	
Passenger Car	58			--
SUV	43	0	1	2.33%
Truck	47	2	2	4.26%
Van	12	0	0	--
All 1998	438	1		
Passenger Car	174	1	1	0.57%
SUV	84	0	0	--
Truck	148	0	0	--
Van	32	0	0	--
All 1999	304			
Passenger Car	132			--
SUV	102	0	0	--
Truck	45	0	0	--
Van	25	0	0	--
All 2000	883		1	
Passenger Car	479		1	0.21%
SUV	156	0	0	--
Truck	165	0	0	--
Van	83	0	0	--
All 2001	521		3	
Passenger Car	242		1	0.41%
SUV	139	0	1	0.72%
Truck	88	0	1	1.14%
Van	52	0	0	--
All 2002	1,557		3	
Passenger Car	640		1	0.16%
SUV	523	0	1	0.19%
Truck	223	0	1	0.45%
Van	171	0	0	--
All 2003	721		2	
Passenger Car	316		1	0.32%

SUV	257	0	1	1	0.39%
Truck	83	0		0	--
Van	65	0		0	--
All 2004	2,088	1	1		
Passenger Car	905	1		1	0.11%
SUV	752	0	1	1	0.13%
Truck	259	0		0	--
Van	172	0		0	--
All 2005	910		2		
Passenger Car	399		1	1	0.25%
SUV	297	0		0	--
Truck	103	0		0	--
Van	111	0	1	1	0.90%
All 2006	2,502		1		
Passenger Car	1,243		1	1	0.08%
SUV	744	0		0	--
Truck	239	0		0	--
Van	276	0		0	--
All 2007	1,113		4		
Passenger Car	487		1	1	0.21%
SUV	384		3	3	0.78%
Truck	115				--
Van	127				--
All 2008	2,742		6		
Passenger Car	1,337		2	2	0.15%
SUV	859		1	1	0.12%
Truck	264		3	3	1.14%
Van	282				--
All 2009	732		1		
Passenger Car	410				--
SUV	230				--
Truck	43	0		0	--
Van	49		1	1	2.04%

40 CFR §51.366 (a)(2) (v)

The number of vehicles tested by model year and vehicle type receiving a waiver

All 2010	2,143	1	2		
Passenger Car	1,056				--
SUV	710	0		0	--
Truck	155	1	1	2	1.29%
Van	222		1	1	0.45%
All 2011	866		1		
Passenger Car	421		1	1	0.24%
SUV	294				--
Truck	76	0		0	--
Van	75				--
All 2012	2,239		4		
Passenger Car	1,145		3	3	0.26%
SUV	680		1	1	0.15%
Truck	172				--
Van	242				--
All 2013	745		5		
Passenger Car	382		4	4	1.05%
SUV	247		1	1	0.40%
Truck	49				--
Van	67				--
All 2014	1,929		2		
Passenger Car	881				--
SUV	658				--
Truck	149				--
Van	241		2	2	0.83%
All 2015	573	1	1		
Passenger Car	287				--
SUV	178		1	1	0.56%
Truck	53	1		1	1.89%
Van	55				--
All 2016	1,417		2		
Passenger Car	630		1	1	0.16%
SUV	457		1	1	0.22%

Truck	165			--
Van	165	0	0	--
All 2017	371		2	
Passenger Car	184		1	0.54%
SUV	100		1	1.00%
Truck	33	0	0	--
Van	54			--
All 2018	739	1		
Passenger Car	309	1	1	0.32%
SUV	264	0	0	--
Truck	86	0	0	--
Van	80			--
All 2019	97			
Passenger Car	37			--
SUV	30			--
Truck	14			--
Van	16			--
All 2020	255			
Passenger Car	72			--
SUV	117	0	0	--
Truck	39			--
Van	27			--
All 2021	10			
Passenger Car	1			--
SUV	5			--
Truck	3			--
Van	1			--
All 2022	3			
Passenger Car	0			--
SUV	1			--
Truck	2			--
Van	0			--
All 2023	1			

Passenger Car	1	--			
SUV	0	--			
Truck	0	--			
Van	0	--			
All 2024	0				
Passenger Car	0	--			
SUV	0	--			
Truck	0	--			
Totals:	Initial Fail	Diagnostic Waiver	Repair Cost Waiver	Total Waivers	Waiver Rate
Overall:	26,303	11	44	55	0.21%
Passenger Car	12,323	3	19	22	0.18%
SUV	8,365	0	14	14	0.17%
Truck	2,887	8	6	14	0.48%
Van	2,728	0	5	5	0.18%

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.

Model Year	Passenger Car		SUV		Truck		Van		Total	
	Failed	Never Passed	Failed	Never Passed	Failed	Never Passed	Failed	Never Passed	Failed	Never Passed
1996	95	30	54	25	65	26	26	5	240	86
1997	58	35	42	15	45	19	12	10	157	79
1998	173	63	84	30	148	54	32	12	437	159
1999	132	62	102	49	45	25	25	9	304	145
2000	478	158	156	52	165	50	83	19	882	279
2001	241	116	138	66	87	41	52	26	518	249
2002	639	229	522	154	222	70	171	56	1,554	509
2003	315	145	256	124	83	31	65	25	719	325
2004	904	342	750	276	259	65	172	59	2,085	742
2005	398	174	297	149	103	44	110	60	908	427
2006	1,241	404	744	230	239	75	276	97	2,500	806
2007	486	233	381	168	115	50	127	54	1,109	505
2008	1,335	472	858	298	261	66	282	100	2,736	936
2009	410	166	230	105	43	19	48	20	731	310
2010	1,056	327	710	228	153	32	221	76	2,140	663
2011	420	189	294	114	76	21	75	31	865	355
2012	1,142	291	679	202	172	40	242	60	2,235	593
2013	378	160	246	104	49	18	67	23	740	305
2014	881	226	658	144	149	33	239	41	1,927	444
2015	287	111	177	64	52	17	55	20	571	212
2016	629	132	456	95	165	41	165	36	1,415	304
2017	183	70	99	42	33	9	54	11	369	132
2018	308	82	264	54	86	17	80	22	738	175
2019	37	15	30	17	14	5	16	6	97	43
2020	72	15	117	13	39	5	27	5	255	38
2021	1	1	5	3	3	2	1	0	10	6

40 CFR §51.366 (a)(2)(vi)

The number of vehicles tested by model year and vehicle type with no final outcome (regardless of reason)

2022	0	0	1	1	2	1	0	0	3	2
2023	1	0	0	0	0	0	0	0	1	0
2024	0	0	0	0	0	0	0	0	0	0
Total	12,300	4,248	8,350	2,822	2,873	876	2,723	883	26,246	8,829

40 CFR §51.366 (a)(2)(vi)

The number of vehicles tested by model year and vehicle type
with no final outcome (regardless of reason)

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	Totals
1996	1,150	389	642	166	2,347
# Fail	95	54	65	26	240
# Pass	1,055	335	577	140	2,107
Fail Rate	8.26%	13.88%	10.12%	15.66%	10.23%
Pass Rate	91.74%	86.12%	89.88%	84.34%	89.77%
1997	514	216	272	68	1,070
# Fail	58	42	45	12	157
# Pass	456	174	227	56	913
Fail Rate	11.28%	19.44%	16.54%	17.65%	14.67%
Pass Rate	88.72%	80.56%	83.46%	82.35%	85.33%
1998	2,334	952	1,204	283	4,773
# Fail	173	84	148	32	437
# Pass	2,161	868	1,056	251	4,336
Fail Rate	7.41%	8.82%	12.29%	11.31%	9.16%
Pass Rate	92.59%	91.18%	87.71%	88.69%	90.84%
1999	922	596	431	155	2,104
# Fail	132	102	45	25	304
# Pass	790	494	386	130	1,800
Fail Rate	14.32%	17.11%	10.44%	16.13%	14.45%
Pass Rate	85.68%	82.89%	89.56%	83.87%	85.55%
2000	4,547	1,839	1,817	778	8,981
# Fail	478	156	165	83	882

40 CFR §51.366 (a)(2)(xi)-(xii)
number of vehicles tested by model year and
type passing or failing the on-board diagnostic
check

# Pass	4,069	1,683	1,652	695	8,099
Fail Rate	10.51%	8.48%	9.08%	10.67%	9.82%
Pass Rate	89.49%	91.52%	90.92%	89.33%	90.18%
2001	1,462	789	602	205	3,058
# Fail	241	138	87	52	518
# Pass	1,221	651	515	153	2,540
Fail Rate	16.48%	17.49%	14.45%	25.37%	16.94%
Pass Rate	83.52%	82.51%	85.55%	74.63%	83.06%
2002	7,178	4,485	2,780	1,216	15,659
# Fail	639	522	222	171	1,554
# Pass	6,539	3,963	2,558	1,045	14,105
Fail Rate	8.90%	11.64%	7.99%	14.06%	9.92%
Pass Rate	91.10%	88.36%	92.01%	85.94%	90.08%
2003	2,687	1,631	869	406	5,593
# Fail	315	256	83	65	719
# Pass	2,372	1,375	786	341	4,874
Fail Rate	11.72%	15.70%	9.55%	16.01%	12.86%
Pass Rate	88.28%	84.30%	90.45%	83.99%	87.14%
2004	11,328	7,868	3,545	1,854	24,595
# Fail	904	750	259	172	2,085
# Pass	10,424	7,118	3,286	1,682	22,510
Fail Rate	7.98%	9.53%	7.31%	9.28%	8.48%
Pass Rate	92.02%	90.47%	92.69%	90.72%	91.52%
2005	3,877	2,344	961	781	7,963
# Fail	398	297	103	110	908
# Pass	3,479	2,047	858	671	7,055
Fail Rate	10.27%	12.67%	10.72%	14.08%	11.40%
Pass Rate	89.73%	87.33%	89.28%	85.92%	88.60%
2006	17,189	9,405	3,542	3,385	33,521

40 CFR §51.366 (a)(2)(xi)-(xii)
number of vehicles tested by model year and
type passing or failing the on-board diagnostic
check

# Fail	1,241	744	239	276	2,500
# Pass	15,948	8,661	3,303	3,109	31,021
Fail Rate	7.22%	7.91%	6.75%	8.15%	7.46%
Pass Rate	92.78%	92.09%	93.25%	91.85%	92.54%
2007	5,734	3,434	1,276	952	11,396
# Fail	486	381	115	127	1,109
# Pass	5,248	3,053	1,161	825	10,287
Fail Rate	8.48%	11.09%	9.01%	13.34%	9.73%
Pass Rate	91.52%	88.91%	90.99%	86.66%	90.27%
2008	22,427	14,745	4,983	4,099	46,254
# Fail	1,335	858	261	282	2,736
# Pass	21,092	13,887	4,722	3,817	43,518
Fail Rate	5.95%	5.82%	5.24%	6.88%	5.92%
Pass Rate	94.05%	94.18%	94.76%	93.12%	94.08%
2009	5,574	2,355	825	613	9,367
# Fail	410	230	43	48	731
# Pass	5,164	2,125	782	565	8,636
Fail Rate	7.36%	9.77%	5.21%	7.83%	7.80%
Pass Rate	92.64%	90.23%	94.79%	92.17%	92.20%
2010	25,007	13,434	4,348	3,836	46,625
# Fail	1,056	710	153	221	2,140
# Pass	23,951	12,724	4,195	3,615	44,485
Fail Rate	4.22%	5.29%	3.52%	5.76%	4.59%
Pass Rate	95.78%	94.71%	96.48%	94.24%	95.41%
2011	6,426	4,489	1,454	1,042	13,411
# Fail	420	294	76	75	865
# Pass	6,006	4,195	1,378	967	12,546
Fail Rate	6.54%	6.55%	5.23%	7.20%	6.45%
Pass Rate	93.46%	93.45%	94.77%	92.80%	93.55%

40 CFR §51.366 (a)(2)(xi)-(xii)
number of vehicles tested by model year and
type passing or failing the on-board diagnostic
check

2012	34,036	20,306	6,064	5,346	65,752
# Fail	1,142	679	172	242	2,235
# Pass	32,894	19,627	5,892	5,104	63,517
Fail Rate	3.36%	3.34%	2.84%	4.53%	3.40%
Pass Rate	96.64%	96.66%	97.16%	95.47%	96.60%
2013	8,865	5,440	1,587	1,182	17,074
# Fail	378	246	49	67	740
# Pass	8,487	5,194	1,538	1,115	16,334
Fail Rate	4.26%	4.52%	3.09%	5.67%	4.33%
Pass Rate	95.74%	95.48%	96.91%	94.33%	95.67%
2014	38,690	28,737	8,625	6,575	82,627
# Fail	881	658	149	239	1,927
# Pass	37,809	28,079	8,476	6,336	80,700
Fail Rate	2.28%	2.29%	1.73%	3.63%	2.33%
Pass Rate	97.72%	97.71%	98.27%	96.37%	97.67%
2015	8,710	7,204	2,146	1,334	19,394
# Fail	287	177	52	55	571
# Pass	8,423	7,027	2,094	1,279	18,823
Fail Rate	3.30%	2.46%	2.42%	4.12%	2.94%
Pass Rate	96.70%	97.54%	97.58%	95.88%	97.06%
2016	38,063	35,465	11,160	6,782	91,470
# Fail	629	456	165	165	1,415
# Pass	37,434	35,009	10,995	6,617	90,055
Fail Rate	1.65%	1.29%	1.48%	2.43%	1.55%
Pass Rate	98.35%	98.71%	98.52%	97.57%	98.45%
2017	8,029	7,942	2,458	1,543	19,972
# Fail	183	99	33	54	369
# Pass	7,846	7,843	2,425	1,489	19,603
Fail Rate	2.28%	1.25%	1.34%	3.50%	1.85%

40 CFR §51.366 (a)(2)(xi)-(xii)
number of vehicles tested by model year and
type passing or failing the on-board diagnostic
check

Pass Rate	97.72%	98.75%	98.66%	96.50%	98.15%
2018	32,223	41,650	12,381	5,410	91,664
# Fail	308	264	86	80	738
# Pass	31,915	41,386	12,295	5,330	90,926
Fail Rate	0.96%	0.63%	0.69%	1.48%	0.81%
Pass Rate	99.04%	99.37%	99.31%	98.52%	99.19%
2019	2,610	3,037	1,316	971	7,934
# Fail	37	30	14	16	97
# Pass	2,573	3,007	1,302	955	7,837
Fail Rate	1.42%	0.99%	1.06%	1.65%	1.22%
Pass Rate	98.58%	99.01%	98.94%	98.35%	98.78%
2020	19,751	32,219	9,505	4,372	65,847
# Fail	72	117	39	27	255
# Pass	19,679	32,102	9,466	4,345	65,592
Fail Rate	0.36%	0.36%	0.41%	0.62%	0.39%
Pass Rate	99.64%	99.64%	99.59%	99.38%	99.61%
2021	701	1,374	453	183	2,711
# Fail	1	5	3	1	10
# Pass	700	1,369	450	182	2,701
Fail Rate	0.14%	0.36%	0.66%	0.55%	0.37%
Pass Rate	99.86%	99.64%	99.34%	99.45%	99.63%
2022	148	272	76	39	535
# Fail	0	1	2	0	3
# Pass	148	271	74	39	532
Fail Rate	0.0%	0.37%	2.63%	0.0%	0.56%
Pass Rate	100.0%	99.63%	97.37%	100.0%	99.44%
2023	45	24	10	1	80
# Fail	1	0	0	0	1
# Pass	44	24	10	1	79

40 CFR §51.366 (a)(2)(xi)-(xii)
number of vehicles tested by model year and
type passing or failing the on-board diagnostic
check

Fail Rate	2.22%	0.0%	0.0%	0.0%	1.25%
Pass Rate	97.78%	100.0%	100.0%	100.0%	98.75%
2024	8	1	1	0	10
# Fail	0	0	0		0
# Pass	8	1	1		10
Fail Rate	0.0%	0.0%	0.0%	--	0.0%
Pass Rate	100.0%	100.0%	100.0%	--	100.0%
Totals	310,235	252,642	85,333	53,577	701,787
# Fail	12,300	8,350	2,873	2,723	26,246
# Pass	297,935	244,292	82,460	50,854	675,541
Fail Rate	3.96%	3.31%	3.37%	5.08%	3.74%
Pass Rate	96.04%	96.69%	96.63%	94.92%	96.26%

40 CFR §51.366 (a)(2)(xi)-(xii)
number of vehicles tested by model year and
type passing or failing the on-board diagnostic
check

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

	Passenger Car	SUV	Truck	Van	Total
Model	MIL ON	MIL ON	MIL ON	MIL ON	MIL On
Year	No Code	No Code	No Code	No Code	No Code
1996	3	0	0	0	3
1997	0	0	0	0	0
1998	0	0	0	0	0

40 CFR §51.366 (a)(2)(xix)
Number of vehicles tested by model year and vehicle type
where the MIL is commanded on and no codes are stored

1999	0	0	0	0	0
2000	0	3	1	0	4
2001	0	0	0	0	0
2002	1	0	1	1	3
2003	2	2	0	0	4
2004	1	2	0	0	3
2005	0	4	0	0	4
2006	4	8	0	0	12
2007	0	7	0	0	7
2008	21	0	0	0	21
2009	4	0	0	0	4
2010	2	1	0	0	3
2011	2	0	0	0	2
2012	1	1	0	0	2
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	1	0	0	0	1
2018	6	0	0	0	6
2019	0	0	0	0	0
2020	6	0	0	0	6

40 CFR §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

2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
Total	54	28	2	1	85

40 CFR §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

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 fault code indicating a problem within the vehicle that had met the threshold for activating the check engine light but 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

	Passenger Car	SUV	Truck	Van	Total
Model Year	No MIL W/ Code	No MIL W/ Code	No MIL W/ Code	No MIL W/ Code	No MIL W/ Code
1996	83	46	75	18	222
1997	41	28	32	6	107
1998	205	123	152	35	515
1999	76	61	63	17	217
2000	365	189	188	88	830
2001	201	118	56	21	396
2002	797	581	284	143	1,805
2003	297	224	93	48	662
2004	1,259	1,054	327	221	2,861
2005	489	315	111	111	1,026
2006	1,816	1,352	356	477	4,001
2007	695	518	140	129	1,482
2008	2,082	1,608	570	557	4,817
2009	525	271	113	81	990
2010	1,736	1,169	414	446	3,765
2011	540	492	180	130	1,342
2012	2,246	1,574	452	621	4,893
2013	736	463	181	135	1,515
2014	2,138	1,774	553	548	5,013
2015	512	398	151	98	1,159
2016	1,357	1,302	519	405	3,583
2017	353	299	154	86	892

40 CFR §51.366 (a)(2)(xx)

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

2018	663	844	410	205	2,122
2019	61	62	98	56	277
2020	184	277	518	115	1,094
2021	8	18	14	10	50
2022	2	2	3	5	12
2023	1	0	1	0	2
2024	0	0	0	0	0
Total	19,468	15,162	6,208	4,812	45,650

40 CFR §51.366 (a)(2)(xx)
number of vehicles tested by model year and vehicle type
where the MIL is not commanded on and codes are stored

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

	Passenger Car	SUV	Truck	Van	Total
Model Year	MIL On W/ Code	MIL On W/ Code	MIL On W/ Code	MIL On W/ Code	MIL On W/ Code
1996	91	54	64	25	234
1997	57	41	43	12	153
1998	171	78	137	27	413
1999	126	99	40	24	289
2000	463	148	155	80	846
2001	236	129	84	49	498
2002	620	506	206	160	1,492
2003	303	247	81	64	695
2004	889	727	247	167	2,030
2005	391	278	97	107	873
2006	1,206	721	229	272	2,428
2007	470	366	113	123	1,072
2008	1,288	849	256	280	2,673
2009	392	224	43	48	707
2010	1,023	700	147	217	2,087
2011	410	291	73	73	847
2012	1,123	665	170	240	2,198
2013	376	242	49	66	733
2014	859	639	147	235	1,880
2015	281	172	49	54	556
2016	618	446	162	165	1,391
2017	168	96	32	53	349
2018	290	247	83	75	695
2019	36	28	13	15	92
2020	60	102	38	25	225
2021	1	4	3	1	9
2022	0	1	2	0	3
2023	0	0	0	0	0
2024	0	0	0	0	0
Total	11,948	8,100	2,763	2,657	25,468

40 CFR §51.366 (a)(2)(xxi)
number of vehicles tested by model year and vehicle type
where the MIL is commanded on and codes are stored

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

	Passenger Car	SUV	Truck	Van	Total
Model Year	No MIL No Code	No MIL No Code	No MIL No Code	No MIL No Code	No MIL No Code
1996	1,138	334	565	138	2,175
1997	494	185	236	61	976
1998	2,261	866	1,065	261	4,453
1999	901	528	398	142	1,969
2000	4,250	1,733	1,707	726	8,416
2001	1,494	851	695	222	3,262
2002	7,087	4,345	2,831	1,152	15,415
2003	2,703	1,542	901	398	5,544
2004	10,798	7,238	3,737	1,781	23,554
2005	3,765	2,285	1,057	758	7,865
2006	16,458	8,653	3,480	3,117	31,708
2007	5,462	3,182	1,256	892	10,792
2008	21,461	13,910	4,947	3,772	44,090
2009	5,388	2,309	895	575	9,167
2010	24,257	12,733	4,308	3,574	44,872
2011	6,318	4,365	1,490	1,027	13,200
2012	33,002	19,532	5,929	5,041	63,504
2013	8,651	5,236	1,593	1,161	16,641
2014	37,687	27,451	8,497	6,235	79,870
2015	8,584	7,026	2,190	1,303	19,103
2016	37,364	34,453	11,103	6,493	89,413
2017	7,873	7,760	2,468	1,514	19,615
2018	32,056	41,187	12,348	5,286	90,877
2019	2,605	3,014	1,295	960	7,874
2020	19,848	33,183	9,275	4,336	66,642

40 CFR §51.366 (a)(2)(xxii)
number of vehicles tested by model year and type
where the MIL is not commanded on and codes are not stored

2021	705	1,383	448	179	2,715
2022	152	276	73	37	538
2023	45	25	9	2	81
2024	10	1	1	1	13
Total	302,817	245,586	84,797	51,144	684,344

40 CFR §51.366 (a)(2)(xxii)
number of vehicles tested by model year and type
where the MIL is not commanded on and codes are not stored

READINESS MONITORS:

The OBD system 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 vehicle exceeds the requirements, it is 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	Total
1996	157	52	61	19	289
1997	82	45	42	12	181
1998	293	116	162	36	607
1999	199	116	75	19	409
2000	529	231	223	106	1,089
2001	514	337	264	108	1,223
2002	1,410	1,049	602	272	3,333
2003	673	459	226	125	1,483
2004	1,671	1,247	805	332	4,055
2005	836	599	322	220	1,977
2006	2,388	1,474	568	500	4,930
2007	943	726	261	202	2,132
2008	2,367	1,745	824	557	5,493
2009	745	487	235	97	1,564
2010	2,001	1,249	552	407	4,209
2011	877	712	297	201	2,087
2012	2,171	1,540	510	584	4,805
2013	904	510	238	197	1,849
2014	1,911	1,165	585	425	4,086

40 CFR §51.366 (a)(2)(xxiii)

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

2015	673	377	243	127	1,420
2016	1,177	679	618	266	2,740
2017	341	189	190	115	835
2018	556	532	432	113	1,633
2019	72	62	84	58	276
2020	225	380	303	81	989
2021	9	16	10	6	41
2022	5	1	2	1	9
2023	1	1	0	1	3
2024	2	0	0	0	2
Total	23,732	16,096	8,734	5,187	53,749

40 CFR §51.366 (a)(2)(xxiii)
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

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 192 stations (190 private, 2 centralized) and five technical assistance centers. The Private Inspection facilities are listed below.

PRIVATE INSPECTION FACILITIES OPERATING ON DECEMBER 31, 2023

Station ID	Station Name	Address	City	Zip
WIST1003	ALLENTON SERVICE (D-2024)	5908 HILLCREST DR	ALLENTON	53002
WIST1012	BUTLER AUTO BODY	4830 N. 125th ST	BUTLER	53007
WIST1020	DONS GARAGE	11916 ANTIOCH RD	TREVOR	53179
WIST1021	WISCO AUTOMOTIVE	496 S. PINE ST	BURLINGTON	53105
WIST1026	JOHN AMATO CHRYSLER DODGE JEEP RAM (D-2023)	5900 N. GREEN BAY AVE	GLENDALE	53209
WIST1031	PRIME AUTO SALE AND SERVICE LLC	1502 W. OKLAHOMA AVE	MILWAUKEE	53215
WIST1032	OIL CHANGERS-MENOMONEE FALLS	W156N8390 PILGRIM RD	MENOMONEE FALLS	53051
WIST1033	OIL CHANGERS-WEST BEND	2353 W. WASHINGTON ST	WEST BEND	53095
WIST1034	OIL CHANGERS-MAIN STREET	N88W15220 MAIN ST	MENOMONEE FALLS	53051
WIST1035	IA AUTO SOLUTIONS LLC (D-2023)	4590 N 124th ST.	WAUWATOSA	53222
WIST1036	UNCLE WILLIE'S AUTO SERVICE LLC	5606 W. BURNHAM ST	WEST ALLIS	53219
WIST1037	ACE'S PITSTOP LLC	8687 N. 107th ST	MILWAUKEE	53224
WIST1038	ILLIE TINTS LLC	8581 S. 27th ST	FRANKLIN	53132

40 CFR §51.366 (b)(1)(i)

The number of inspection stations and lanes

Station ID	Station Name	Address	City	Zip
WIST1039	REIS AUTOMOTIVE-GREENFIELD (D-2023)	4100 W. LOOMIS RD	GREENFIELD	53221
WIST1040	FX WINDOW TINTING	N56W39369 WISCONSIN AVE	OCONOMOWOC	53066
WIST1041	IBARRA AUTO DETAILING	3535 W. STATE ST.	MILWAUKEE	53208
WIST2015	HEISER TOYOTA/SCION INC	11301 W. METRO AUTO MALL BLVD	MILWAUKEE	53224
WIST2019	AUTOMOTIVE SOLUTIONS	215 KLEIN LN.	SAUKVILLE	53080
WIST2024	VALVOLINE - MAIN ST. WAUKESHA (D-2024)	1951 E. MAIN ST	WAUKESHA	53186
WIST2028	TIRES UNLIMITED AUTOMOTIVE SERVICES	1557 N. WISCONSIN ST	PORT WASHINGTON	53074
WIST2030	A & J AUTOMOTIVE	8401 W. HAMPTON AVE	MILWAUKEE	53225
WIST2032	RUSS DARROW NISSAN OF WEST BEND LLC	2665 W. WASHINGTON ST	WEST BEND	53095
WIST2036	TAKE 5 OIL CHANGE-RACINE (D-2023)	5428 WASHINGTON AVE	RACINE	53406
WIST2039	ZWEKABIN AUTOMOTIVE SERVICE (D-2024)	3611 W. STATE ST	MILWAUKEE	53208
WIST2041	VALVOLINE OIL CHANGE-PEWAUKEE	1812 SILVERNAIL RD	PEWAUKEE	53072
WIST2042	DEP AUTOMOTIVE LLC	5147 FOREST HOME AVE	GREENFIELD	53219
WIST2043	SHEBOYGAN AUTO HELPERS (D-2023)	3667 S. TAYLOR DR	SHEBOYGAN	53081
WIST2044	LONGHORN AUTO SALES LLC (D-2023)	1214 S. 6th ST	MILWAUKEE	53204
WIST2045	D&D ALL AUTO REPAIR LLC	6418 28th AVE	KENOSHA	53143
WIST2046	ZARATE AUTO SALES (D-2024)	S91W22945 MILWAUKEE AVE	BIG BEND	53103
WIST2048	AUTO SAFETY CENTER CEDARBURG	7007 STATE RD 60	CEDARBURG	53012
WIST2049	TAKE 5 OIL CHANGE-KENOSHA (D-2023)	2950 52nd ST	KENOSHA	53140
WIST2050	BELL AMBULANCE INC	2832 S. 5th CT	MILWAUKEE	53207

Station ID	Station Name	Address	City	Zip
WIST2052	NEXGEN AUTOMOTIVE LLC (D-2023)	1453 N. 40th ST	SHEBOYGAN	53084
WIST2053	SUPREME TIRES (D-2024)	3109 W. LISBON AVE	MILWAUKEE	53208
WIST3003	ACCELERATED AUTO SERVICE	667 W. STATE ST	BURLINGTON	53105
WIST3013	JOHN AMATO HYUNDAI INC.(D-2023)	8301 N. 76TH ST.	MILWAUKEE	53223
WIST3021	ERIC VON SCHLEDORN-RANDOM LAKE	W4873 COUNTY ROAD RR	RANDOM LAKE	53075
WIST3022	FLEET 1	749 W. State Street	MILWAUKEE	53223
WIST3030	MERLIN 200,000 MILE SHOP	8601 75th ST	KENOSHA	53142
WIST3034	VALVOLINE SUSSEX	N65 W24922 HIGHWAY VV	SUSSEX	53089
WIST3035	RIGHTEOUS AUTOS INC. (D-2023)	6142 DOUGLAS AVE	RACINE	53402
WIST3039	KK CAR SERVICE	17125 W. GREENFIELD AVE	NEW BERLIN	53151
WIST3040	D&D AUTOMOTIVE REPAIR INC	1714 ARTHUR CT	WAUKESHA	53188
WIST3041	HIS AUTO	718 ARMOUR RD	OCONOMOWOC	53066
WIST3043	BADGER AUTO	4730 W. BRADLEY RD	BROWN DEER	53223
WIST3044	STAR AUTO REPAIR	1717 WASHINGTON AVE	RACINE	53403
WIST3045	2 BROTHERS MUFFLERS AND BRAKES INC (D-2023)	1632 S. WEST AVE #A	WAUKESHA	53189
WIST3049	4 SEASON AUTOMOTIVE LLC (D-2023)	1911 W. MITCHELL ST	MILWAUKEE	53204
WIST3050	TIRES PLUS-FRANKLIN	10800 SPEEDWAY DR	FRANKLIN	53132
WIST4002	JOE'S SLINGER SERVICE LLC	220 INFO HWY. CT	SLINGER	53086
WIST4003	KUSCH'S AUTOMOTIVE	136 N. 120th ST	WAUWATOSA	53226
WIST4014	LAUBENHEIMERS GARAGE LLC	1860 HWY 175 PO BOX 36	RICHFIELD	53076

Station ID	Station Name	Address	City	Zip
WIST4031	R & R AUTOMOTIVE	6930 39th AVE	KENOSHA	53142
WIST4042	MEINEKE CAR CARE CENTER	4320 S. 27th ST.	MILWAUKEE	53221
WIST4045	BOBS MAIN STREET AUTO-MAIN ST	1200 N. MAIN ST	WEST BEND	53090
WIST4050	RICK'S CAR CARE	6121 W. MEQUON RD	MEQUON	53092
WIST4051	KASTENSON AUTO	21445 DURAND AVE	UNION GROVE	53182
WIST4053	LIBERTY STREET AUTOMOTIVE	1600 DURAND AVE	RACINE	53403
WIST4054	VALVOLINE-PLYMOUTH	1950 EASTERN AVE	PLYMOUTH	53073
WIST4061	LAKE COUNTRY AUTO CARE INC.	449 HICKORY ST	PEWAUKEE	53072
WIST4062	MUFFLER MAGIC COMPLETE CAR CARE	9055 N. 76th ST.	MILWAUKEE	53223
WIST4063	JIMS AUTO SERVICE - PLYMOUTH	W4131 MAIN RD	PLYMOUTH	53073
WIST4066	TAKE 5 OIL CHANGE - CAPITOL (D-2023)	7515 W. CAPITOL DR	MILWAUKEE	53216
WIST4068	VALET SERVICES (D)	7501 N. PORT WASHINGTON RD	GLENDALE	53217
WIST4070	HOOKED UP TOWING AND REPAIR (D-2023)	1420 9th ST	RACINE	53403
WIST4072	M&N AUTO REPAIR LLC	2934 W. BURNHAM ST	MILWAUKEE	53215
WIST4076	SWITCHING LANES (D-2024)	5708 W. CENTER ST	MILWAUKEE	53210
WIST4077	B-TOWNE AUTOS	457 FALCON RIDGE DR	BURLINGTON	53105
WIST4079	PERFORMANCE TIRE & AUTO SERVICE	1051 MILWAUKEE AVE	BURLINGTON	53105
WIST4080	TECH WAY AUTO EXPRESS	360 E. HOWARD AVE	MILWAUKEE	53207
WIST5003	RUSS DARROW CHRYSLER JEEP DODGE	10901 W. METRO AUTO MALL BLVD	MILWAUKEE	53224
WIST5005	DAVE'S GARAGE INC-GREENFIELD	5454 W. FOREST HOME AVE	GREENFIELD	53220

Station ID	Station Name	Address	City	Zip
WIST5008	BOBS MAIN STREET AUTO-DECORAH	115 W. DECORAH RD	WEST BEND	53095
WIST5015	DURAND AUTOMOTIVE CENTER (D-2023)	1623 DURAND AVE	RACINE	53403
WIST5023	RUSS DARROW MITSUBISHI (D-2024)	W226 S1700 HWY 164	WAUKESHA	53186
WIST5029	PALMEN BUICK, GMC, CADILLAC	7110 74th PL	KENOSHA	53142
WIST5044	RUSS DARROW NISSAN LLC-METRO BLVD	11212 W. METRO BLVD	MILWAUKEE	53224
WIST5045	DAVE'S TRUCK & 4X4 REPAIR, LLC- JACKSON	2993 SHERMAN RD	JACKSON	53037
WIST5053	MAYER AUTOMOTIVE LLC	W6082 COUNTY ROAD W.	CASCADE	53011
WIST5055	CURRIE PARK AUTO CENTER	10745 W. CAPITOL DR	WAUWATOSA	53222
WIST5058	RUBY ISLE AUTO	11137 W. SILVER SPRING DR	MILWAUKEE	53225
WIST5066	GRADYS BP	6272 S. PACKARD AVE	CUDAHY	53110
WIST5081	SHEBOYGAN CHEVROLET	3400 S. BUSINESS DR	SHEBOYGAN	53081
WIST5083	FIRST RATE AUTO SERVICE	5424 W. STATE ST	MILWAUKEE	53208
WIST5088	ABI AND SONS AUTOMOTIVE	817 44th ST	KENOSHA	53140
WIST5090	MONTEZ AUTO REPAIR LLC (D-2024)	11321 W. GREENFIELD AVE	WEST ALLIS	53214
WIST5092	GREAT AMERICAN TIRE AND AUTO REPAIR	4106 78th ST	KENOSHA	53142
WIST5094	OIL CHANGERS-JACKSON	W213N16770 GLEN BROOKE DR	JACKSON	53037
WIST5095	EL GUERO AUTO REPAIR LLC (D-2023)	5509 DURAND AVE	RACINE	53406
WIST5096	BLUE LINE AUTO SALES AND SERVICE (D-2024)	S83W18350 SATURN DR	MUSKEGO	53150
WIST5097	RAPID DRIVE AUTOMOTIVE CENTER LLC	3101 RAPIDS DR	RACINE	53404
WIST5098	REIS AUTOMOTIVE-HALES CORNERS (D-2024)	5381 S. 108th ST	HALES CORNERS	53130

Station ID	Station Name	Address	City	Zip
WIST5099	KASH BROS AUTO GROUP LLC	4033 W. CUSTER AVE	MILWAUKEE	53209
WIST5100	PRO AUTO SERVICE AND SALES LLC	303 E. MONROE AVE	HARTFORD	53027
WIST5101	A and W AUTO SERVICE	1212 S. 108th ST	WEST ALLIS	53214
WIST5102	RIGHTEOUS AUTOS INC (D-2023)	3077 DOUGLAS AVE	RACINE	53402
WIST5103	R AND D AUTO REPAIR LLC	5630 W. MOBILE ST	WEST ALLIS	53219
WIST5104	JIFFY LUBE-OCONOMOWOC	1610 WATER PLACE	OCONOMOWOC	53066
WIST5105	KUNES BUICK GMC OF GREENFIELD	3615 S. 108th ST	GREENFIELD	53228
WIST5106	PRIME MOTORS LLC	1021 60th ST.	KENOSHA	53140
WIST6004	CHUCK'S MAIN STREET AUTO	N64 W23876 MAIN ST	SUSSEX	53089
WIST6007	ANDERSON AUTOMOTIVE	240 HIGHLAND DR.	FREDONIA	53021
WIST6018	PAULS BENDER CENTER	8313 22nd AVE	KENOSHA	53143
WIST6022	HALL AUTOMOTIVE	704 BLUEMOUND RD	WAUKESHA	53188
WIST6026	MARTIN FORD SALES INC (D-2024)	19215 SPRING ST	UNION GROVE	53182
WIST6035	GOOD HOPE SERVICE (D -2023)	4230 W. GOOD HOPE RD	MILWAUKEE	53209
WIST6037	VALVOLINE-KENOSHA	3015 52nd ST	KENOSHA	53142
WIST6039	VALVOLINE-DELAFIELD	2325 SUN VALLEY DR	DELAFIELD	53018
WIST6042	AMPORT AUTO SERVICE	1324C WHITE ROCK AVE	WAUKESHA	53186
WIST6043	MIL-CITY MOTORS LLC	7169 W. FOND DU LAC AVE	MILWAUKEE	53218
WIST6044	FLEET AUTO SALES & SERVICES LLC	7400 W. NATIONAL AVE	WEST ALLIS	53214
WIST6052	TAKE 5 OIL CHANGE SHEBOYGAN- CALUMET (D-2023)	2757 CALUMET DR	SHEBOYGAN	53081

Station ID	Station Name	Address	City	Zip
WIST6053	TAKE 5 OIL CHANGE - BROOKFIELD (D-2023)	14245 W. CAPITOL DR	BROOKFIELD	53005
WIST6055	M&J AUTO SALES AND SERVICE	3069 STATE HWY 83	HARTFORD	53027
WIST6059	VALVOLINE-CUDAHY	5506 S. PACKARD AVE	CUDAHY	53110
WIST6060	KRUEGER'S AUTO TECH CENTER INC	W61 N225 CARDINAL AVE	CEDARBURG	53012
WIST6061	BRIAN'S AUTO SERVICE & REPAIR LLC (D-2024)	1060 FOND DU LAC AVE	SHEBOYGAN FALLS	53085
WIST6062	STICKY TINTZ LLC	1749 BROADWAY AVE	SHEBOYGAN	53081
WIST6063	MATT'S FOREIGN CAR SPECIALIST INC	5519 W. VLIET ST	MILWAUKEE	53208
WIST6064	M&M COMPLETE CAR CARE LLC (D-2024)	5620 W. CENTER ST	MILWAUKEE	53210
WIST6065	ALLIS AUTOMOTIVE	6205 W. LINCOLN AVE	WEST ALLIS	53219
WIST6066	GALLEGOS AUTOMOTIVE LLC	7606 W. GREENFIELD AVE	WEST ALLIS	53214
WIST6067	WATERFORD AUTOMOTIVE (D-2024)	404 E. DIVISION ST	WATERFORD	53185
WIST6070	SANFELIPPO AUTO REPAIR INC (D-2024)	646 S. 2nd ST	MILWAUKEE	53204
WIST6071	CPS AUTO REPAIR	721 W. WINDLAKE AVE	MILWAUKEE	53204
WIST6072	MASTERTECH AUTOMOTIVE INC.	201 W. WASHINGTON ST	SLINGER	53086
WIST6073	1 STOP AUTO AND DETAILING SERVICE (D-2023)	5103 32nd AVE	KENOSHA	53144
WIST6074	AMERICAN IMPORTS INC (D-2024)	N96 W14433 COUNTY LINE RD	MENOMONEE FALLS	53051
WIST6076	PUSCHNIG AUTO SALES (S & S AUTO)	8341 S. 27th ST.	FRANKLIN	53132
WIST6077	COUNTRY AUTO LLC	N7822 WILLOW RD	PLYMOUTH	53073
WIST6080	GRAND OZAUKEE AUTOMOTIVE	W68N954 WASHINGTON AVE	CEDARBURG	53012
WIST6082	ALBEIK AUTO SERVICE	5101 W. NORTH AVE	MILWAUKEE	53208

Station ID	Station Name	Address	City	Zip
WIST7006	RUSS DARROW CHRYSLER WEST BEND (D-2024)	3210 W. WASHINGTON ST	WEST BEND	53095
WIST7011	SALEM AUTO SERVICE	8515 ANTIOCH RD	SALEM	53168
WIST7014	OAK CREEK AUTOMOTIVE INC	7948 S. 27th ST	OAK CREEK	53154
WIST7020	AMERICAN MUFFLER & AUTOMOTIVE	1008 S. PINE ST	BURLINGTON	53105
WIST7022	JOHN PAUL'S GREENFIELD BUICK GMC (D-2023)	3615 S. 108th ST	GREENFIELD	53228
WIST7033	PINKALLA AUTO SOLUTIONS (D-2024)	3059 DURAND AVE	RACINE	53403
WIST7036	RACINE AUTO SPECIALIST	2320 DOUGLAS AVE	RACINE	53402
WIST7039	RICHFIELD SERVICE	1810 WOLF RD	RICHFIELD	53076
WIST7055	SOUTH MILWAUKEE CAR CARE CENTER	1221 N. CHICAGO AVE	SOUTH MILWAUKEE	53172
WIST7056	SOUTHTOWN TIRE & AUTO (D-2023)	2906 S. 108th ST	WEST ALLIS	53227
WIST7061	THEEL AUTO INC.	N8348 COUNTY RD J	ELKHART LAKE	53020
WIST7070	WEISSMAN AUTOMOTIVE	W140N10455 FOND DU LAC AVE	GERMANTOWN	53022
WIST7075	WISCONSIN MUFFLER-NEW BERLIN	13320 W. COLLEGE AVE	NEW BERLIN	53151
WIST7076	WJ KUHN AUTOMOTIVE CENTER INC	8511 S. HOWELL AVE	OAK CREEK	53154
WIST7081	FARKAS AUTOMOTIVE INC	8008 N. SHERMAN BLVD	BROWN DEER	53209
WIST7093	GORDON'S #1 WHEEL SERVICE	3595 N. 124th ST	BROOKFIELD	53005
WIST7094	MUSKEGO TIRE & AUTO (D-2023)	573 W16610 JANESVILLE RD	MUSKEGO	53150
WIST7095	NATIONAL COMPLETE AUTO CARE	16405 W. NATIONAL AVE	NEW BERLIN	53151
WIST7098	SHOREWOOD AUTO REPAIR (D-2023)	1330 E. CAPITOL DR	SHOREWOOD	53211
WIST7103	MEYER MOTORS INC (D-2023)	107 PLAZA LN	PLYMOUTH	53073

Station ID	Station Name	Address	City	Zip
WIST7115	BLACK TIE AUTO SERVICES	584 W21172 JANESVILLE RD	MUSKEGO	53150
WIST7120	MANYO MOTORS	4035 N. GREEN BAY AVE	MILWAUKEE	53209
WIST7123	TIRES PLUS - KENOSHA	7424 74th PL	KENOSHA	53142
WIST7126	VALVOLINE-RACINE	5920 21st ST	RACINE	53406
WIST7129	HOPSON AUTOMOTIVE	W241 S4165 PINE HOLLOW CT	WAUKESHA	53189
WIST7135	GRAND MOTORSPORTS (D-2023)	W68N954 WASHINGTON AVE	CEDARBURG	53012
WIST7137	RUTTERS AUTOMOTIVE SERVICE LLC	7550 W. APPLETON AVE	MILWAUKEE	53216
WIST7138	GAMINO'S AUTO REPAIR	6156 DOUGLAS AVE	RACINE	53402
WIST7140	BROOKFIELD AUTO CARE	12425 W. NORTH AVE	BROOKFIELD	53005
WIST7141	JIFFY LUBE-KENOSHA	3321 MARKET LN	KENOSHA	53144
WIST7142	DYNAMIC AUTOMOTIVE SOLUTIONS LLC (D-2023)	1230 S. WEST AVE	WAUKESHA	53186
WIST7144	PRECISION AUTO AND DIESEL	W395 N5700 FRONTIER RD	OCONOMOWOC	53066
WIST7145	FM AUTO SALES & SERVICE LLC (D-2024)	4264 S. PACKARD AVE	SAINT FRANCIS	53235
WIST7147	HEPPE'S SERVICE OF WISCONSIN INC (D-2023)	9152 W. BLUEMOUND RD	MILWAUKEE	53226
WIST7148	EDDIE'S SERVICE INC	125 N. RIVERSIDE DR	SAUKVILLE	53080
WIST7149	RC AUTOMOTIVE LLC (D-2023)	7419 W. BRADLEY RD	MILWAUKEE	53223
WIST7150	MIDWEST AUTOS AND SERVICES (D-2024)	1711 W. CENTER ST	MILWAUKEE	53206
WIST7152	ASSURE AUTOMOTIVE	2120 52nd ST	KENOSHA	53140
WIST7153	SJS AUTOMOTIVE LLC	6061 N. 73rd ST	MILWAUKEE	53218
WIST7155	TOM'S AUTO SALES (D-2023)	2802 W. BURNHAM ST.	MILWAUKEE	53215

Station ID	Station Name	Address	City	Zip
WIST8004	NATIONAL AUTO TECH (D -5/2023)	630 W. NATIONAL AVE	MILWAUKEE	53204
WIST8008	R.K. MOTORS	3700 N. HOLTON ST	MILWAUKEE	53212
WIST8011	B TOWNE AUTO SERVICE(D-2023)	457 FALCON RIDGE DR	BURLINGTON	53105
WIST8016	ITS ALL GOOD AUTO REPAIR	10125 W. LOOMIS RD	FRANKLIN	53132
WIST8018	JEFFS AUTOMOTIVE-CUDAHY	5261 S. NICHOLSON AVE	CUDAHY	53110
WIST8023	JIFFY LUBE-MUSKEGO	564 W15890 COMMERCE CENTER PKWY	MUSKEGO	53150
WIST8027	AUTO SAFETY CENTER WEST BEND	3700 W. WASHINGTON ST	WEST BEND	53095
WIST8028	TOM'S AUTO MAINTENANCE	5240 S. 27th ST	MILWAUKEE	53221
WIST8029	OIL CHANGERS-WALES	120 W. SUMMIT AVE	WALES	53183
WIST8031	SMART WASH LLC	1155 ANDERSON CT	OAK CREEK	53154
WIST8033	M&M CITGO	2101 DOUGLAS AVE	RACINE	53402
WIST8034	LA CARCACHA AUTO REPAIR	2484 S. HOWELL AVE	MILWAUKEE	53207
WIST8038	EL DORADO AUTO REPAIR (NICK'S SERVICE)	2803 S. 9th PL	MILWAUKEE	53215
WIST8039	RAMIREZ AND SONS AUTO REPAIR AND TOWING LLC	2044 CALUMET DR	SHEBOYGAN	53081
WIST8043	MUKWONAGO EXPRESS MART	407 S. ROCHESTER ST.	MUKWONAGO	53149
WISTT0010	SAMS AUTO SHOP	4315 BYRD AVE	RACINE	53405
WISTT0011	GENUINE MECHANICS (D-2023)	1453 N. 40th	SHEBOYGAN	53081
WISTT0013	REIS AUTOMOTIVE-GREENFIELD	4100 W. LOOMIS RD	GREENFIELD	53221
WISTT0014	NEXGEN AUTOMOTIVE LLC	1453 N. 40th ST	SHEBOYGAN	53081
WISTT005	SCHAEFERS SERVICE CENTER INC	1130 E. COMMERCE BLVD	SLINGER	53086

<i>Station ID</i>	<i>Station Name</i>	<i>Address</i>	<i>City</i>	<i>Zip</i>
WISTT009	JERRY'S AUTOMOTIVE SERVICE LLC (D-2023)	W229 N2467 COUNTY HWY F	WAUKESHA	53186

PRIVATE INSPECTION FACILITIES DEACTIVATED IN 2023

<i>Date of Deactivation</i>	<i>Station Number</i>	<i>Company</i>	<i>Address</i>	<i>City</i>	<i>Zip</i>
04-20-2023	WIST2036	TAKE 5 OIL CHANGE-RACINE (D-2023)	5428 WASHINGTON AVE	RACINE	53406
07-07-2023	WIST3005	GORDIE BOUCHER FORD LINCOLN-WEST BEND (D)	3021 W. WASHINGTON STREET	WEST BEND	53095
01-27-2023	WIST3013	JOHN AMATO HYUNDAI INC.(D-2023)	8301 N. 76TH ST.	MILWAUKEE	53223
01-11-2023	WIST3024	VALVOLINE - GREENFIELD (D-2023)	4839 S. 27th ST.	GREENFIELD	53221
04-19-2023	WIST3035	RIGHTEOUS AUTOS INC. (D- 2023)	6142 DOUGLAS AVE	RACINE	53402
06-02-2023	WIST4064	EWALD HARTFORD FORD LLC (D)	2570 E. SUMNER ST	HARTFORD	53027
04-20-2023	WIST4066	TAKE 5 OIL CHANGE - CAPITOL (D-2023)	7515 W. CAPITOL DR	MILWAUKEE	53216
12-27-2023	WIST5017	PRO AUTO SERVICE AND SALES LLC (D-2022)	303 E. MONROE AVE	HARTFORD	53027
06-02-2023	WIST5037	RICHLONNS TIRE & SERVICE-GREENFIELD (D)	4440 S. 108th ST	GREENFIELD	53228
02-08-2023	WIST5084	SHEBOYGAN AUTO HELPERS (D)	3667 S TAYLOR DRIVE	SHEBOYGAN	53081
06-02-2023	WIST5085	EWALD CHRYSLER JEEP DODGE RAM(D)	6319 S. 108th ST	FRANKLIN	53132
09-14-2023	WIST6035	GOOD HOPE SERVICE (D - 2023)	4230 W. GOOD HOPE RD	MILWAUKEE	53209
04-20-2023	WIST6051	TAKE 5 OIL CHANGE SHEBOYGAN- INDIANA AVE (D-2023)	1328 INDIANA AVE	SHEBOYGAN	53081

<i>Date of Deactivation</i>	<i>Station Number</i>	<i>Company</i>	<i>Address</i>	<i>City</i>	<i>Zip</i>
05-02-2023	WIST6052	TAKE 5 OIL CHANGE SHEBOYGAN- CALUMET (D- 2023)	2757 CALUMET DR	SHEBOYGAN	53081
04-20-2023	WIST6053	TAKE 5 OIL CHANGE - BROOKFIELD (D-2023)	14245 W. CAPITOL DR	BROOKFIELD	53005
08-04-2023	WIST7022	JOHN PAUL'S GREENFIELD BUICK GMC (D-2023)	3615 S. 108th ST	GREENFIELD	53228
09-20-2023	WIST7042	RICHLONNS TIRE & SERVICE-WAUKESHA (D)	2480 W SUNSET DR	WAUKESHA	53189
07-17-2023	WIST7056	SOUTHTOWN TIRE & AUTO (D-2023)	2906 S. 108th ST	WEST ALLIS	53227
08-24-2023	WIST7094	MUSKEGO TIRE & AUTO (D- 2023)	573 W16610 JANESVILLE RD	MUSKEGO	53150
05-25-2023	WIST7098	SHOREWOOD AUTO REPAIR (D-2023)	1330 E. CAPITOL DR	SHOREWOOD	53211
12-04-2023	WIST7103	MEYER MOTORS INC (D- 2023)	107 PLAZA LN	PLYMOUTH	53073
09-01-2023	WIST7108	FAST TRACK SHEBOYGAN- CALUMET (D)	2757 CALUMET DR.	SHEBOYGAN	53081
09-01-2023	WIST7109	FAST TRACK SHEBOYGAN- TAYLOR (D)	3669 S. TAYLOR DR.	SHEBOYGAN	53081
09-01-2023	WIST7116	FAST TRACK OIL CHANGE- BROOKFIELD (D)	14245 W CAPITOL DR	BROOKFIELD	53005
09-01-2023	WIST7119	FAST TRACK OIL CHANGE- CEDARBURG (D)	W62 N271 WASHINGTON AVE	CEDARBURG	53012
11-27-2023	WIST7132	BROWN DEER TIRE & AUTO (D)	4730 W BRADLEY RD	BROWN DEER	53223
10-27-2023	WIST7135	GRAND MOTORSPORTS (D- 2023)	W68N954 WASHINGTON AVE	CEDARBURG	53012

<i>Date of Deactivation</i>	<i>Station Number</i>	<i>Company</i>	<i>Address</i>	<i>City</i>	<i>Zip</i>
06-12-2023	WIST8004	NATIONAL AUTO TECH (D - 5/2023)	630 W. NATIONAL AVE	MILWAUKEE	53204
09-01-2023	WIST8005	FAST TRACK OIL CHANGE- BROWN DEER RD (D)	6942 W BROWN DEER RD	MILWAUKEE	53223
09-01-2023	WIST8006	FAST TRACK OIL CHANGE- GLENDALE (D)	5450 N PORT WASHINGTON RD	GLENDALE	53217
09-01-2023	WIST8007	FAST TRACK OIL CHANGE- WEST ALLIS (D)	3130 S 108TH ST	WEST ALLIS	53227
01-11-2023	WIST8009	KWIKY LUBE PLUS- JACKSON(D)	W213N16770 GLEN BROOKE DR	JACKSON	53037
10-27-2023	WISTT0011	GENUINE MECHANICS (D- 2023)	1453 N. 40th	SHEBOYGAN	53081

TECHNICAL ASSISTANCE CENTERS

<i>Station Number</i>	<i>Company</i>	<i>Address</i>	<i>City</i>	<i>Zip</i>
WISTT0010	SAMS AUTO SHOP	4315 BYRD AVE	RACINE	53405
WISTT0011	GENUINE MECHANICS (D- 2023)	1453 N. 40th	SHEBOYGAN	53081
WISTT0013	REIS AUTOMOTIVE- GREENFIELD	4100 W. LOOMIS RD	GREENFIELD	53221
WISTT0014	NEXGEN AUTOMOTIVE LLC	1453 N. 40th ST	SHEBOYGAN	53081
WISTT005	SCHAEFERS SERVICE CENTER INC	1130 E. COMMERCE BLVD	SLINGER	53086
WISTT009	JERRY'S AUTOMOTIVE SERVICE LLC (D-2023)	W229 N2467 COUNTY HWY F	WAUKESHA	53186

OVERT AND COVERT PERFORMANCE AUDITS

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

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

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

(i) Receiving overt performance audits in the year: 217

(ii) Not receiving overt audits in the year: 1

(iii) Receiving covert audits in the year: 192

(iv) Not receiving covert audits in the year: 26

(v) That have been shut down as a result of overt performance audits: 0

COVERT AUDITS

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

There were **354** covert audits conducted in 2023.

FINES, SUSPENSION OR TERMINATION DUE TO AUDIT FAILURES

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

1 inspector and 1 station were suspended, fined or prohibited from testing as a result of overt or covert audits.

16 inspectors and 2 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 1063 inspectors certified to conduct tests in 2023.

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 were 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 **218** inspection sites available for testing in 2023.
12 sites had 2 lanes

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 2,922 equipment audits conducted in 2023.

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

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

There were 0 stations that failed equipment audits in 2023.

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

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

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

ENFORCEMENT REPORT

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

Each month, the Wisconsin Department of Transportation selects vehicles subject to the mandatory testing requirement for registration renewal purposes. There were 634,282 vehicles selected (model years: 1996, 1998, 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, and 2020) for notification in 2023. There were an additional estimated 141,211 vehicles selected for notification at change of ownership, for an estimated 775,493 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, 657,159 vehicles receiving mandatory inspections in 2023 received a pass, waiver or diagnostic waiver test result. This is an 84.7% 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 7,385 temporary plates issued in 2023. WisDOT Vehicle Emissions Inspection Unit issued 17 temporary exemptions.

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

One compliance survey was conducted in 2023. Of the 246 vehicles surveyed, 14 (5.7%) were registered out of the program area. Of the 232 vehicles subject to emissions testing, 11 vehicles (4.7%) were not in compliance, resulting in a 95.3% compliance rate.

REGISTRATION DENIAL BASED ENFORCEMENT PROGRAMS

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

In 2023, WisDOT personnel completed investigations on 435 vehicles that listed domicile outside of the program area but were suspected of being kept in the program area. After receiving notification from WisDOT, 219 vehicles submitted to testing and received a passing result; 128 vehicles were suspended for failing to comply; 28 were junked or sold and 60 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.

Registration files are reviewed in conjunction with investigations of vehicles with domicile listed outside of the program area. Of the 2,524 registration files reviewed, 435 vehicles were observed in the program area, but were listed outside of the program area. After receiving notification from WisDOT, 219 (50.3%) vehicles submitted to testing and received a passing result; 128 (29.4%) vehicles were suspended for failing to comply; 28 (6.4%) were junked or sold and 60 (13.7%) provided verification that they were being kept outside of the program area.

Also, 246 registration files were reviewed in conjunction with a compliance survey. Of the 246 vehicles surveyed, 14 (5.7%) were registered out of the program area. Of the 232 vehicles subject to emissions testing, 11 vehicles (4.7%) were not in compliance, resulting in a 95.3% compliance rate.

COMPUTER-MATCHING BASED ENFORCEMENT PROGRAMS

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

STICKER- BASED ENFORCEMENT PROGRAMS

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

Appendix 1, 40 CFR 51.366 (a)(3)
INITIAL TEST VOLUME BY MODEL YEAR AND STATION

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
WIST1003	1,324	6	4	9	2	20	4	38	15	50	15	66	10	85	5	65	23	140	26	165	29	178	36	178	16	131	7	1	0	0
WIST1012	1,055	7	1	7	5	13	3	19	8	43	24	60	19	84	22	87	22	80	27	111	27	120	25	146	9	82	2	2	0	0
WIST1020	831	11	0	11	2	11	11	26	14	35	7	40	6	51	11	46	13	62	26	87	21	110	27	122	5	74	1	1	0	0
WIST1021	1,989	9	2	9	5	23	10	27	17	68	24	95	20	129	10	101	43	173	54	265	53	271	69	258	27	220	6	0	1	0
WIST1022	1,861	7	4	9	3	25	3	45	8	58	10	73	26	119	22	133	22	177	34	218	46	258	52	266	15	225	3	0	0	0
WIST1026	6,433	16	4	19	9	45	19	84	27	174	61	242	77	326	89	465	120	583	135	779	184	936	191	979	113	729	14	10	1	2
WIST1031	1,119	3	3	10	4	17	8	36	13	62	32	81	32	96	31	79	42	131	39	114	45	85	28	78	11	35	3	1	0	0
WIST1032	14,670	32	12	79	30	162	58	290	80	483	137	689	177	890	186	980	257	1,401	337	1,869	353	2,086	410	1,940	166	1,494	62	9	1	0
WIST1033	5,774	18	7	37	14	60	28	126	50	223	54	262	72	382	72	392	100	524	140	743	147	823	159	769	57	486	23	5	1	0
WIST1034	7,578	26	8	40	12	74	24	141	41	242	70	386	115	479	96	515	137	768	150	907	183	1,049	189	1,038	85	773	20	7	3	0
WIST1035	26	0	0	0	0	0	0	0	0	0	1	0	2	0	1	2	0	1	1	0	2	4	4	5	1	2	0	0	0	0
WIST1036	571	4	2	0	4	8	2	24	10	25	18	38	19	43	14	46	12	49	22	59	22	49	19	37	9	34	2	0	0	0
WIST1037	113	0	1	2	2	1	0	1	2	14	3	3	3	6	2	2	0	12	4	13	12	5	8	10	1	6	0	0	0	0
WIST1038	634	1	0	1	2	8	2	12	3	15	7	34	2	29	5	30	7	47	18	58	20	96	26	98	13	96	4	0	0	0
WIST1039	3,458	14	5	19	6	23	11	56	21	144	41	180	41	222	34	251	59	343	82	401	87	473	97	445	26	368	8	1	0	0
WIST1040	328	0	1	0	1	1	1	4	3	9	7	14	6	13	5	19	7	19	12	32	10	38	11	55	6	48	6	0	0	0
WIST1041	266	1	0	2	1	4	2	13	0	14	3	17	8	19	3	20	14	22	12	25	15	24	11	10	5	21	0	0	0	0
WIST2015	3,519	6	1	14	6	36	12	62	16	116	38	143	48	259	42	236	57	314	82	413	91	470	115	500	57	361	16	7	1	0
WIST2019	1,109	6	2	12	3	28	7	40	12	46	13	60	15	81	14	65	17	105	16	137	40	135	26	135	8	81	3	2	0	0
WIST2024	1,756	2	3	5	3	24	8	26	10	47	10	89	23	105	20	112	25	171	40	220	43	245	44	282	25	172	1	1	0	0
WIST2028	3,928	21	5	26	7	64	13	86	22	170	31	182	42	254	44	280	54	365	74	498	81	547	107	526	46	368	13	2	0	0
WIST2030	1,673	3	4	15	11	25	21	46	34	89	31	103	64	144	51	131	47	141	62	170	50	151	56	136	14	68	5	1	0	0
WIST2032	412	0	0	2	0	4	3	2	4	8	1	8	3	17	3	23	7	28	7	46	14	59	12	79	7	72	3	0	0	0
WIST2035	5,690	16	11	52	16	78	33	156	54	229	85	319	137	372	109	380	132	559	166	649	176	703	168	615	59	402	14	0	0	0
WIST2036	454	0	1	3	2	7	3	17	3	14	3	13	5	30	3	31	5	42	13	56	7	51	8	61	6	68	2	0	0	0
WIST2039	3,355	6	8	28	14	53	35	88	57	168	88	204	113	275	97	257	135	310	133	285	119	297	120	275	36	142	8	4	0	0
WIST2041	1,513	8	3	7	1	19	5	38	11	39	16	53	19	77	26	78	28	135	46	168	38	236	45	212	27	166	9	3	0	0
WIST2042	1,393	6	3	14	4	24	9	48	19	71	26	78	38	116	19	102	29	130	30	153	48	138	37	127	10	111	2	1	0	0
WIST2043	1,389	5	4	8	7	23	8	34	13	66	11	71	18	108	18	107	21	133	32	154	26	182	30	149	12	146	2	1	0	0
WIST2044	497	3	1	5	1	8	7	20	9	20	13	26	18	32	12	32	17	44	25	54	26	51	13	32	6	21	1	0	0	0
WIST2045	1,961	15	5	9	11	26	23	59	29	74	55	99	67	155	39	128	61	160	96	192	79	184	66	172	33	120	2	2	0	0
WIST2046	1,067	5	3	11	1	18	2	34	9	41	13	62	8	84	6	61	13	99	16	127	16	153	21	125	16	122	1	0	0	0
WIST2048	2,903	7	4	17	9	19	10	43	11	81	28	128	27	188	28	197	33	310	64	315	68	430	64	412	38	360	12	0	0	0

WIST2049	180	0	0	0	0	2	1	7	3	7	5	6	0	14	5	10	3	26	6	16	4	19	5	23	0	18	0	0	0	0
WIST2050	902	3	2	6	2	6	5	14	4	18	5	37	7	57	7	62	11	86	26	117	36	108	29	139	12	99	3	1	0	0
WIST2052	448	3	0	7	0	5	2	19	3	35	7	30	4	36	5	30	2	43	5	48	7	68	10	41	1	35	1	1	0	0
WIST2053	24	0	1	0	0	0	0	0	0	0	0	2	1	2	0	0	2	4	0	6	0	3	1	0	0	2	0	0	0	0
WIST2054	95	0	0	2	1	1	0	1	0	3	0	4	1	2	1	3	4	13	3	10	4	6	10	10	3	10	3	0	0	0
WIST3003	1,158	4	3	11	3	23	6	38	16	54	14	77	14	67	8	73	23	100	26	112	21	154	27	164	11	107	2	0	0	0
WIST3013	330	0	3	1	0	2	3	8	1	3	7	9	13	21	10	13	16	24	18	22	20	34	30	38	16	17	1	0	0	0
WIST3021	3,604	17	5	21	6	41	22	105	17	141	40	171	54	225	40	243	64	326	75	436	96	478	93	482	28	356	17	5	0	0
WIST3022	236	1	2	0	0	3	3	2	4	9	6	3	16	22	2	18	25	11	14	13	5	18	5	26	2	26	0	0	0	0
WIST3030	1,808	6	5	10	4	27	9	36	11	47	17	89	24	107	14	121	32	165	51	190	43	272	63	248	23	186	6	1	1	0
WIST3032	1,394	4	4	13	7	18	8	42	6	48	19	69	16	111	20	65	19	139	33	155	50	195	23	182	12	130	6	0	0	0
WIST3034	618	0	0	3	2	3	0	6	2	9	1	14	9	35	5	28	9	76	4	76	10	88	16	127	7	87	1	0	0	0
WIST3035	133	0	0	0	0	1	1	0	1	3	0	5	2	4	1	15	2	16	3	16	4	15	6	26	4	8	0	0	0	0
WIST3039	5,492	18	4	34	10	82	15	137	37	225	54	281	63	340	59	374	76	527	94	657	125	736	137	719	63	589	27	9	0	0
WIST3040	6,970	21	10	39	18	81	48	143	57	247	71	370	117	452	77	517	102	677	168	793	178	913	207	882	85	677	17	2	1	0
WIST3041	4,072	16	5	34	16	51	19	71	27	122	27	175	31	241	35	267	53	425	77	547	112	573	87	592	41	414	12	2	0	0
WIST3043	1,835	7	7	12	2	31	9	60	13	83	36	107	48	123	34	124	52	147	43	190	56	205	64	192	26	155	8	1	0	0
WIST3044	177	1	1	1	3	2	2	9	6	9	6	7	6	14	6	9	4	17	11	13	9	12	4	10	4	10	0	1	0	0
WIST3045	515	0	0	2	2	3	5	18	4	11	2	28	4	37	4	27	9	44	8	62	13	73	13	77	2	67	0	0	0	0
WIST3049	278	1	0	3	1	9	3	17	7	13	14	15	18	19	6	20	9	22	13	14	16	18	5	13	6	16	0	0	0	0
WIST3050	1,123	1	1	4	0	5	1	19	5	29	7	27	2	60	9	74	13	131	13	158	30	167	11	180	4	168	3	1	0	0
WIST4002	1,870	7	0	11	5	20	9	51	9	70	10	82	21	117	13	106	26	183	33	247	36	253	57	271	28	198	5	2	0	0
WIST4003	11,716	35	9	60	33	116	47	243	98	340	113	511	159	781	149	753	254	1,195	327	1,364	378	1,626	361	1,556	166	987	45	8	2	0
WIST4014	1,060	4	3	18	2	20	8	29	10	46	12	52	9	72	8	83	17	102	9	116	24	123	24	158	7	98	5	1	0	0
WIST4026	6,314	9	3	25	7	32	18	77	25	162	39	195	72	302	60	420	87	576	154	749	188	885	184	943	109	821	114	51	7	0
WIST4031	8,160	48	18	97	44	150	49	262	112	402	150	520	187	625	155	518	202	729	224	880	228	919	241	819	85	451	39	6	0	0
WIST4032	9,025	35	35	84	62	126	115	299	173	421	245	556	353	771	224	650	328	757	315	822	314	767	299	759	93	394	20	7	1	0
WIST4042	3,888	15	6	30	13	61	14	118	37	198	68	238	76	303	73	292	89	381	94	424	104	441	102	389	31	280	9	2	0	0
WIST4045	3,031	11	3	18	8	31	15	86	28	97	38	154	43	209	49	186	50	279	68	361	75	387	79	412	25	304	14	1	0	0
WIST4050	10,183	18	7	50	18	112	24	167	46	258	58	362	83	578	80	591	128	901	185	1,232	265	1,499	263	1,686	156	1,350	57	9	0	0
WIST4051	3,447	22	7	32	8	55	12	95	45	114	46	181	48	205	39	217	60	344	72	394	94	467	89	447	40	301	12	1	0	0
WIST4053	760	8	1	7	7	23	7	46	10	44	9	48	14	70	15	46	17	56	23	76	22	57	24	83	8	38	1	0	0	0
WIST4054	3,797	20	4	33	6	61	18	95	35	167	52	231	48	279	47	261	70	394	64	455	84	493	68	449	22	335	4	1	1	0
WIST4061	3,379	5	1	10	6	22	10	57	11	90	33	115	23	160	28	181	52	315	60	400	82	500	93	562	87	449	25	1	1	0
WIST4062	5,744	13	12	25	20	43	38	110	60	219	114	303	166	415	140	383	189	496	260	608	263	569	218	621	73	362	18	5	1	0
WIST4063	1,011	2	3	10	0	22	5	19	9	38	15	74	13	53	5	69	14	73	17	145	21	143	18	123	10	106	3	1	0	0

WIST4066	929	4	0	4	5	10	4	20	12	30	23	41	25	74	11	56	54	80	35	97	41	89	35	101	14	62	2	0	0	0
WIST4068	463	2	0	2	0	1	0	4	2	7	3	13	6	17	7	21	10	35	15	54	18	74	14	73	12	71	2	0	0	0
WIST4070	61	0	1	1	2	2	1	2	2	5	2	6	1	8	2	3	4	2	4	2	2	4	1	3	1	0	0	0	0	0
WIST4072	3,653	21	8	43	28	81	33	181	52	193	85	269	125	356	88	285	141	384	130	348	123	278	79	197	22	97	4	2	0	0
WIST4076	328	1	0	2	2	5	0	5	7	15	9	18	7	16	13	21	17	42	14	29	15	33	10	30	2	15	0	0	0	0
WIST4077	7,842	30	19	66	19	138	28	206	59	332	68	352	117	525	69	490	111	702	145	983	195	1,016	199	1,142	65	740	22	3	1	0
WIST4078	232	0	0	4	0	4	0	5	1	6	0	6	2	11	4	13	2	20	6	26	4	37	4	36	6	32	3	0	0	0
WIST4079	1,011	3	0	7	2	8	3	11	9	30	10	45	10	57	14	59	17	83	24	119	20	152	28	143	12	140	5	0	0	0
WIST4080	1,995	3	2	15	15	29	12	54	16	70	25	121	37	158	25	142	55	186	72	212	59	240	50	234	12	140	9	2	0	0
WIST5003	1,425	4	2	7	4	14	3	25	9	18	18	55	23	68	15	82	22	101	54	172	53	191	62	231	38	143	9	1	1	0
WIST5005	1,623	7	3	15	5	32	10	49	18	98	24	114	37	121	23	114	16	175	28	202	35	164	29	184	9	108	3	0	0	0
WIST5008	6,999	30	11	61	12	91	45	137	45	254	69	349	93	478	75	424	100	678	132	895	185	950	168	943	68	682	21	3	0	0
WIST5015	5,829	18	7	48	31	131	40	171	65	243	83	342	99	405	110	388	135	548	141	636	152	660	162	632	47	523	8	3	1	0
WIST5023	2,800	8	3	8	9	26	9	54	16	92	14	113	33	129	28	197	39	243	59	330	79	395	88	424	32	351	18	2	1	0
WIST5029	6,792	27	5	41	9	86	23	167	47	203	56	228	74	378	67	390	111	569	148	785	189	991	180	963	125	876	40	5	8	1
WIST5044	1,209	0	1	7	2	11	3	16	3	25	7	47	17	50	13	61	23	91	44	135	46	148	39	201	17	185	13	2	2	0
WIST5045	182	4	0	5	0	4	1	5	4	5	4	7	2	14	1	8	4	13	3	18	6	24	4	16	3	27	0	0	0	0
WIST5053	1,243	7	5	22	10	31	8	47	11	73	19	91	28	103	19	92	23	108	21	123	19	154	18	123	12	71	5	0	0	0
WIST5055	12,564	31	16	93	29	140	70	279	128	526	192	690	270	884	193	854	341	1,146	366	1,415	406	1,530	417	1,429	140	916	46	14	3	0
WIST5058	845	3	5	7	2	15	1	19	8	31	17	47	33	75	20	50	22	67	29	88	29	101	22	86	3	59	4	2	0	0
WIST5066	8,230	41	10	84	32	153	50	259	81	407	103	487	152	591	139	605	152	738	218	874	219	944	210	917	104	622	31	6	0	1
WIST5081	27,474	101	37	230	80	419	150	709	221	1,058	303	1,426	406	1,880	323	1,771	503	2,657	688	3,373	673	3,462	726	3,511	238	2,408	103	17	1	0
WIST5083	2,526	10	2	18	11	27	17	54	37	114	34	131	52	193	50	208	64	243	74	280	78	298	69	273	35	152	2	0	0	0
WIST5088	842	4	3	13	5	15	4	42	15	55	19	52	19	69	18	54	20	82	30	84	24	80	22	71	5	37	0	0	0	0
WIST5089	2,805	4	4	14	3	24	15	56	17	102	29	113	50	175	32	171	48	280	61	361	81	403	97	381	22	241	17	4	0	0
WIST5090	23,571	93	49	211	87	351	144	649	290	941	343	1,402	496	1,778	439	1,663	566	2,214	698	2,606	778	2,670	708	2,441	227	1,656	59	12	0	0
WIST5092	5,395	22	17	46	24	117	38	174	53	203	88	280	101	409	96	312	124	500	141	582	157	623	153	646	44	424	16	3	1	1
WIST5094	5,397	26	11	23	17	66	13	126	31	183	62	212	70	331	69	364	88	503	113	700	140	797	162	671	47	543	22	6	0	1
WIST5095	230	4	0	0	1	7	1	8	4	8	2	7	3	11	3	16	9	24	7	21	5	33	3	28	0	25	0	0	0	0
WIST5096	204	0	2	2	0	0	1	2	2	6	1	15	4	14	1	18	1	15	1	18	4	29	5	35	2	26	0	0	0	0
WIST5097	465	2	1	4	2	11	0	7	0	19	7	19	10	26	6	28	7	36	14	55	13	59	14	60	2	62	1	0	0	0
WIST5098	5,120	15	8	28	9	45	18	109	30	162	42	226	49	339	56	350	56	451	96	655	129	686	137	784	44	576	16	3	1	0
WIST5099	211	0	0	1	0	1	0	4	1	3	4	12	10	14	6	8	8	26	12	26	10	23	11	16	6	9	0	0	0	0
WIST5100	4,719	16	7	39	12	63	27	117	38	159	54	239	80	309	64	351	72	465	119	551	117	621	111	620	42	414	10	2	0	0
WIST5101	941	4	0	8	0	11	1	20	9	37	16	59	11	54	13	70	24	81	30	103	28	110	34	100	6	109	2	1	0	0
WIST5102	393	3	0	7	0	2	3	9	3	19	3	17	9	27	0	22	5	43	8	47	3	57	10	55	1	39	1	0	0	0

WIST5103	225	1	3	0	1	4	0	13	3	5	8	18	14	15	5	15	4	12	8	22	3	24	10	18	0	18	1	0	0	0
WIST5104	449	2	1	1	1	3	0	3	3	6	3	19	3	18	3	23	6	28	13	48	17	64	23	66	18	56	18	2	0	1
WIST5105	1,668	4	2	13	1	13	4	36	4	52	19	81	24	102	15	98	28	171	34	186	33	224	51	253	29	171	18	2	0	0
WIST5106	61	0	0	0	0	1	1	4	0	3	1	6	6	7	3	1	2	8	2	6	2	0	1	3	0	4	0	0	0	0
WIST6004	7,905	16	5	40	19	88	22	126	51	214	54	319	79	484	91	512	108	756	130	966	183	1,158	191	1,232	86	924	47	3	1	0
WIST6007	568	4	1	10	6	14	3	22	9	32	7	43	15	53	5	38	13	49	9	55	15	64	10	54	2	33	2	0	0	0
WIST6018	7,614	29	14	82	41	102	46	249	75	328	113	414	145	470	119	489	156	672	205	841	242	894	216	899	73	664	28	6	2	0
WIST6021	5,201	10	9	44	11	57	10	92	27	155	26	189	61	330	45	340	77	482	83	655	111	750	127	791	65	629	20	4	1	0
WIST6022	8,484	22	2	31	15	88	20	135	58	225	50	369	93	482	99	501	119	830	185	1,039	229	1,280	244	1,224	130	949	54	10	1	0
WIST6026	2,725	13	3	19	8	41	5	69	19	105	20	106	35	153	30	151	45	225	56	318	60	389	67	383	36	348	18	3	0	0
WIST6031	3,629	8	6	22	5	34	15	64	27	109	39	152	35	203	28	258	53	362	91	405	80	509	98	516	40	433	32	5	0	0
WIST6033	1,449	2	2	9	5	11	3	22	5	43	17	38	20	78	16	78	23	140	26	176	33	193	37	236	21	201	12	2	0	0
WIST6035	2,812	10	5	16	13	32	11	46	28	93	46	137	61	177	49	201	76	254	66	291	110	339	78	376	35	255	7	0	0	0
WIST6037	5,395	24	17	59	18	106	39	209	72	261	95	350	128	419	101	331	131	515	158	559	184	549	168	506	48	330	13	4	1	0
WIST6039	1,411	2	1	5	3	12	4	15	6	32	7	40	14	60	15	90	29	127	37	158	42	218	46	217	26	198	4	3	0	0
WIST6042	4,219	16	8	27	16	58	20	129	49	219	54	244	86	307	70	302	84	457	109	465	117	462	111	434	48	306	18	3	0	0
WIST6043	4,053	11	10	33	16	79	37	143	50	229	84	286	155	385	105	306	117	380	167	356	134	338	116	324	27	163	2	0	0	0
WIST6044	6,100	27	6	62	20	103	31	201	58	295	103	386	124	479	104	510	115	580	138	677	163	613	177	640	48	427	12	1	0	0
WIST6052	635	1	1	1	1	15	1	17	6	27	9	25	14	49	6	41	17	66	8	76	19	71	15	88	4	57	0	0	0	0
WIST6053	722	1	0	2	3	5	1	5	3	11	3	30	11	47	4	49	8	56	13	98	21	107	25	113	9	95	1	1	0	0
WIST6055	1,536	6	4	5	1	18	3	37	6	38	10	70	24	88	19	107	17	128	32	196	37	214	41	240	15	166	12	2	0	0
WIST6059	2,167	2	0	13	4	29	6	54	21	65	26	114	34	140	38	184	37	178	56	242	74	264	75	266	27	207	7	4	0	0
WIST6060	1,515	3	1	8	4	20	8	23	6	59	10	61	17	85	17	100	22	147	29	189	31	186	42	203	15	225	4	0	0	0
WIST6061	1,285	9	2	13	1	29	5	26	7	50	10	64	16	90	7	88	24	118	32	165	35	147	38	153	18	131	7	0	0	0
WIST6062	400	0	1	2	2	9	1	12	4	20	7	20	13	29	4	24	10	30	8	47	12	54	12	35	0	41	3	0	0	0
WIST6063	1,788	5	2	11	7	29	3	40	12	79	22	92	26	108	16	132	26	168	31	210	51	255	52	224	14	166	6	1	0	0
WIST6064	74	1	0	0	0	3	1	2	2	3	1	5	5	5	4	7	3	7	5	5	2	2	0	6	1	3	1	0	0	0
WIST6065	2,950	12	5	35	18	55	22	100	33	136	61	205	63	250	58	201	58	271	71	330	65	303	60	313	24	190	9	1	1	0
WIST6066	616	3	0	12	1	12	13	26	11	22	15	43	18	59	14	54	16	46	19	56	21	49	17	50	4	35	0	0	0	0
WIST6067	1,484	4	2	12	11	15	7	33	9	39	14	62	35	87	20	95	26	133	38	171	21	178	44	226	22	169	10	1	0	0
WIST6070	6,122	23	21	47	22	76	38	168	69	278	127	321	169	406	124	427	190	562	218	614	206	622	180	654	69	468	21	1	1	0
WIST6071	1,013	5	3	13	10	29	10	44	17	65	26	64	44	90	29	79	33	113	35	86	49	54	31	51	5	21	5	2	0	0
WIST6072	112	0	0	1	0	1	1	4	1	4	3	4	3	6	2	9	6	10	0	13	2	14	2	14	1	9	2	0	0	0
WIST6073	23	1	0	0	0	0	0	0	1	0	0	2	0	0	0	0	1	6	0	3	1	1	1	1	0	5	0	0	0	0
WIST6074	349	1	1	0	1	2	2	2	2	11	1	8	3	20	1	17	8	30	12	46	7	51	12	49	4	54	4	0	0	0
WIST6076	97	0	1	1	0	1	0	1	1	2	1	0	5	6	4	7	0	11	5	9	4	14	3	6	2	10	3	0	0	0

WIST6077	12	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	0	1	0	3	0	1	0	3	0	0	0	0
WIST6080	669	0	1	2	5	11	2	12	6	15	10	15	13	31	4	42	11	47	20	89	43	70	27	95	25	56	17	0	0	0
WIST6082	8	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	1	0	1	1	0	0	0
WIST7006	848	1	1	4	2	7	0	13	4	14	10	30	6	49	4	45	5	71	17	102	20	137	26	141	12	119	7	1	0	0
WIST7009	2,854	6	2	10	8	24	16	49	25	92	25	130	54	180	30	156	53	240	77	330	83	381	101	390	49	323	14	5	1	0
WIST7011	5,762	27	11	44	25	94	46	187	66	232	70	273	106	418	68	330	97	524	101	681	150	744	150	728	76	491	22	1	0	0
WIST7014	12,991	50	21	95	31	159	57	285	114	506	139	649	208	900	168	907	269	1,238	318	1,530	398	1,556	378	1,657	151	1,148	47	9	2	1
WIST7016	16,031	36	14	88	39	163	37	228	65	434	117	632	162	885	112	932	231	1,408	330	1,973	371	2,432	450	2,530	244	2,000	98	18	1	1
WIST7020	707	8	1	5	4	14	3	11	2	28	5	47	6	39	12	41	7	61	18	81	10	88	21	103	5	87	0	0	0	0
WIST7022	3,524	11	4	30	4	40	4	75	14	139	34	182	32	249	30	242	44	393	55	422	51	507	61	528	15	354	1	3	0	0
WIST7033	14,973	58	30	133	60	250	107	493	146	623	203	861	281	1,066	231	977	350	1,412	374	1,738	426	1,809	401	1,652	124	1,121	38	6	3	0
WIST7036	10,014	49	25	101	43	173	91	318	114	449	150	568	213	731	166	678	247	843	296	1,122	297	1,154	267	1,059	75	733	42	8	2	0
WIST7039	3,278	14	5	25	8	34	11	64	12	86	40	148	38	206	30	224	51	316	75	365	84	455	89	459	40	385	14	0	0	0
WIST7049	2,958	7	1	22	10	41	9	50	13	82	25	127	18	171	25	190	38	272	42	333	69	437	69	472	37	371	25	2	0	0
WIST7053	3,298	23	10	25	18	50	17	92	27	119	58	182	55	233	35	191	68	320	74	391	91	368	105	436	30	263	14	3	0	0
WIST7055	12,382	49	24	88	43	178	76	333	124	534	172	679	235	886	186	911	278	1,216	329	1,412	376	1,419	339	1,458	119	883	30	5	0	0
WIST7056	1,123	3	2	10	3	17	4	27	7	42	7	67	16	71	11	95	19	114	24	140	20	134	18	148	11	112	1	0	0	0
WIST7061	2,335	8	5	16	9	51	13	69	22	112	24	131	37	175	22	151	31	191	46	264	56	288	57	290	25	230	9	3	0	0
WIST7070	6,469	18	5	32	12	77	20	131	30	202	56	274	84	417	60	422	90	620	128	727	164	956	148	956	90	717	27	5	1	0
WIST7073	4,598	23	18	40	18	68	22	111	48	188	83	230	76	301	69	244	105	385	113	507	132	583	133	620	49	420	6	4	1	1
WIST7075	3,204	12	5	23	7	52	18	90	16	125	37	162	35	211	24	218	50	304	76	379	59	411	86	437	33	320	11	2	1	0
WIST7076	15,339	27	15	61	31	155	44	285	101	497	146	663	167	876	171	983	252	1,409	369	1,869	446	2,167	448	2,208	172	1,698	66	12	1	0
WIST7081	9,647	37	18	87	33	147	55	240	103	412	110	502	196	771	165	660	192	949	259	1,060	288	1,132	280	1,099	106	717	27	2	0	0
WIST7088	1,590	9	1	17	7	16	9	41	19	58	14	105	26	95	24	97	32	142	44	175	46	172	63	187	24	160	7	0	0	0
WIST7092	3,613	6	4	17	9	28	12	78	22	138	26	152	40	212	27	241	67	292	80	447	101	506	98	530	31	428	18	3	0	0
WIST7093	9,910	21	7	53	16	120	51	191	69	323	91	473	90	634	136	698	149	871	215	1,220	270	1,364	311	1,356	115	1,029	32	4	1	0
WIST7094	5,562	13	6	22	9	66	25	117	31	183	34	243	51	346	41	375	75	549	86	711	101	828	126	815	49	658	2	0	0	0
WIST7095	10,303	17	7	55	19	92	20	224	43	336	74	449	100	627	97	721	141	987	204	1,275	233	1,468	256	1,508	117	1,189	34	9	1	0
WIST7098	283	0	0	1	0	5	0	3	1	6	3	13	2	22	7	22	2	42	11	26	8	43	7	37	2	20	0	0	0	0
WIST7103	755	7	0	4	2	10	1	15	3	21	4	39	6	49	9	48	11	77	8	87	7	90	15	120	4	118	0	0	0	0
WIST7115	2,030	10	2	15	5	39	17	48	18	84	21	103	39	120	17	126	24	190	41	251	49	247	46	266	28	217	6	0	1	0
WIST7120	5,840	18	9	36	29	64	37	110	71	256	143	338	166	425	116	445	144	581	206	580	191	629	226	591	70	339	17	2	1	0
WIST7123	2,919	6	6	10	8	30	8	51	19	77	29	104	45	139	35	171	72	234	85	346	73	395	104	404	48	402	10	7	0	1
WIST7126	4,128	11	10	26	9	44	10	71	24	120	44	215	43	264	45	228	45	391	91	485	101	589	128	582	44	478	27	2	1	0
WIST7129	7,234	22	6	42	22	87	35	156	44	235	65	356	120	495	81	475	117	705	148	924	162	1,003	158	981	65	690	36	4	0	0
WIST7135	3,647	10	5	31	6	36	8	60	19	125	23	188	34	212	34	265	44	350	64	466	70	525	82	568	34	381	3	4	0	0

WIST7137	270	0	0	0	1	8	1	11	0	6	8	13	5	17	6	23	7	20	6	21	5	30	10	37	3	32	0	0	0	0
WIST7138	1,502	8	3	10	6	13	5	48	12	59	28	76	19	105	9	108	26	140	39	162	37	189	33	209	15	139	3	0	1	0
WIST7140	5,645	9	3	23	3	34	17	102	21	144	47	201	53	302	65	366	105	501	103	753	130	806	158	884	69	713	29	4	0	0
WIST7141	6,946	24	7	48	24	94	27	174	57	214	66	257	118	401	77	399	128	637	184	854	203	983	215	969	81	680	22	2	1	0
WIST7142	1,357	12	1	10	8	26	9	46	18	76	22	85	26	94	33	88	39	126	28	134	23	162	23	137	6	122	3	0	0	0
WIST7144	3,330	10	3	12	5	46	13	59	11	74	16	123	40	200	28	209	39	303	66	399	97	487	97	493	35	452	11	2	0	0
WIST7145	639	1	3	5	0	3	5	19	5	19	8	31	13	47	9	53	7	59	9	79	17	75	18	68	6	75	5	0	0	0
WIST7146	2,273	15	8	32	10	46	20	95	55	133	56	169	77	226	76	154	84	203	74	214	73	176	53	140	9	69	4	2	0	0
WIST7147	1,505	15	2	9	8	15	0	35	9	47	16	81	21	95	26	113	29	142	40	184	37	189	31	177	20	160	4	0	0	0
WIST7148	574	3	0	3	2	7	0	10	4	14	8	24	10	41	4	45	9	50	10	64	15	69	23	91	5	61	2	0	0	0
WIST7150	165	0	1	0	0	4	3	6	6	11	1	9	4	12	3	16	4	13	10	12	7	11	3	17	4	8	0	0	0	0
WIST7151	4,266	20	5	26	15	32	23	101	41	173	53	206	77	294	60	299	100	374	113	483	145	483	148	562	54	349	23	7	0	0
WIST7152	711	3	1	5	7	17	8	18	16	51	12	50	16	43	6	55	23	57	19	58	31	71	30	61	3	46	2	1	1	0
WIST7153	125	0	0	2	0	0	2	3	4	0	2	3	8	6	1	13	3	8	5	14	10	11	8	17	0	5	0	0	0	0
WIST7155	56	0	0	0	0	0	3	1	1	2	0	2	0	8	0	3	2	7	3	8	2	1	2	7	0	4	0	0	0	0
WIST8003	126	16	2	0	1	4	1	3	1	0	3	0	3	1	0	6	0	12	0	0	0	0	0	0	0	72	0	0	0	1
WIST8004	2,823	25	12	32	25	63	31	129	72	200	87	207	100	250	88	215	103	265	96	230	84	177	64	160	27	80	1	0	0	0
WIST8008	9,096	27	18	75	46	148	78	273	125	389	179	523	235	728	204	674	265	838	331	928	305	877	315	854	95	534	26	5	1	0
WIST8011	416	0	0	2	2	2	2	8	3	15	6	27	9	24	8	23	6	30	13	59	19	45	18	49	14	32	0	0	0	0
WIST8016	5,909	19	8	32	9	79	12	132	27	182	57	241	52	325	64	389	84	579	88	761	128	864	132	876	59	681	25	3	1	0
WIST8018	2,383	5	1	15	8	49	23	65	25	91	28	117	35	167	39	188	35	205	65	269	58	294	61	302	19	200	13	6	0	0
WIST8023	9,339	24	11	57	30	91	32	177	63	304	92	435	113	542	120	633	186	917	201	1,117	232	1,284	260	1,290	116	959	41	12	0	0
WIST8027	1,882	3	1	10	6	20	11	27	12	63	9	85	27	117	18	121	25	188	45	222	53	247	47	268	26	225	5	1	0	0
WIST8028	10,929	44	23	84	47	165	89	284	123	471	194	594	247	838	193	789	303	1,031	365	1,136	365	1,150	355	1,078	129	785	32	10	5	0
WIST8029	6,085	16	9	46	15	88	24	130	40	211	57	291	81	403	71	366	77	604	119	732	151	847	139	860	54	623	26	4	1	0
WIST8030	7,454	23	10	59	22	121	34	178	64	275	100	418	103	548	87	490	123	740	147	870	168	993	171	956	65	650	32	5	1	1
WIST8031	525	0	1	1	1	4	2	3	1	14	6	22	9	30	4	42	15	45	16	59	24	63	20	72	11	57	3	0	0	0
WIST8033	10,640	82	22	119	66	227	75	428	159	484	222	627	242	894	193	700	274	976	295	1,096	279	1,061	264	1,021	97	692	34	10	1	0
WIST8034	856	6	3	7	4	11	13	41	8	39	11	52	30	64	19	70	28	70	32	77	24	94	12	78	3	57	3	0	0	0
WIST8038	179	2	0	3	0	7	1	6	1	11	6	13	6	16	4	19	4	16	10	13	5	13	4	11	2	5	1	0	0	0
WIST8039	50	0	1	0	0	2	0	0	0	1	0	3	2	2	4	6	2	3	0	4	1	6	2	2	1	6	2	0	0	0
WIST8040	74	0	0	0	0	0	0	0	0	1	3	7	0	2	2	3	3	8	4	8	2	11	1	5	2	11	1	0	0	0
WIST8043	206	0	0	0	1	3	2	1	6	0	2	6	0	1	3	11	3	16	11	12	14	14	15	36	10	27	12	0	0	0
WISTT0010	1,055	7	1	22	4	27	9	27	12	51	18	53	24	78	17	87	22	88	21	122	26	106	27	118	8	73	6	1	0	0
WISTT0011	2,031	10	6	20	6	44	16	72	19	105	20	115	20	173	14	135	21	209	45	247	36	238	22	258	6	170	3	1	0	0
WISTT0013	1,399	6	2	5	7	14	6	17	8	46	28	62	25	97	19	87	27	128	32	171	45	162	49	180	16	150	9	1	0	0

WISTT0014	700	4	1	8	0	7	2	14	8	41	8	32	19	47	12	40	16	49	18	74	19	102	27	76	15	51	10	0	0	0
WISTT005	3,654	6	1	31	6	47	10	66	19	93	33	162	36	192	28	214	59	322	73	467	87	519	98	582	50	437	13	3	0	0
WISTT009	14,329	31	12	57	33	133	50	276	66	424	109	575	154	869	136	897	245	1,363	275	1,831	325	2,166	389	2,162	178	1,533	26	13	1	0
Totals:	731,172	2,538	1,118	5,170	2,250	9,749	3,649	17,635	6,222	27,195	8,960	36,431	12,063	48,938	9,996	48,629	14,297	68,225	17,961	84,645	20,074	92,867	20,381	92,961	8,118	67,683	2,769	552	83	13

Appendix 2, 40 CFR Part 51.366 (a)(4)
Initial Test Failure by Model Year and Station

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST1003	1,296	1	8	2	13	4	26	8	60	10	71	16	80	14	65	12	141	22	167	29	167	30	182	13	147	7	1	0
# Fail	18	0	0	0	0	0	0	0	3	0	3	1	3	0	0	0	3	1	1	0	1	0	2	0	0	0	0	0
% Fail	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.0%	0.0%	4.2%	6.3%	3.8%	0.0%	0.0%	0.0%	2.1%	4.5%	0.6%	0.0%	0.6%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	--
WIST1012	1,041	4	12	1	17	8	23	9	34	10	48	15	75	14	63	18	81	18	133	16	111	29	160	9	127	5	1	0
# Fail	15	1	0	0	1	0	3	0	0	0	1	1	2	1	0	1	2	1	0	0	1	0	0	0	0	0	0	0
% Fail	1.4%	25.0%	0.0%	0.0%	5.9%	0.0%	13.0%	0.0%	0.0%	0.0%	2.1%	6.7%	2.7%	7.1%	0.0%	5.6%	2.5%	5.6%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--
WIST1020	722	1	8	4	11	4	22	9	26	4	41	11	49	13	29	17	54	18	69	29	95	24	96	10	76	2	0	0
# Fail	10	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	2	0	0	1	0	0	1	0	1	0	0	0
% Fail	1.4%	0.0%	12.5%	0.0%	9.1%	0.0%	0.0%	0.0%	3.8%	0.0%	2.4%	0.0%	0.0%	0.0%	3.4%	0.0%	3.7%	0.0%	0.0%	3.4%	0.0%	0.0%	1.0%	0.0%	1.3%	0.0%	--	--
WIST1021	1,310	3	7	2	6	5	21	13	29	14	72	16	72	23	69	22	97	26	133	49	160	37	234	18	171	11	0	0
# Fail	42	0	0	0	0	0	2	2	1	0	8	1	7	3	2	1	2	1	4	1	3	0	3	0	1	0	0	0
% Fail	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	9.5%	15.4%	3.4%	0.0%	11.1%	6.3%	9.7%	13.0%	2.9%	4.5%	2.1%	3.8%	3.0%	2.0%	1.9%	0.0%	1.3%	0.0%	0.6%	0.0%	--	--
WIST1022	1,689	1	11	1	24	3	32	11	59	9	73	14	121	22	100	21	148	25	224	33	229	33	244	22	223	5	1	0
# Fail	35	0	1	0	3	0	2	0	2	0	5	0	2	1	1	0	8	0	4	1	3	0	1	0	1	0	0	0
% Fail	2.1%	0.0%	9.1%	0.0%	12.5%	0.0%	6.3%	0.0%	3.4%	0.0%	6.8%	0.0%	1.7%	4.5%	1.0%	0.0%	5.4%	0.0%	1.8%	3.0%	1.3%	0.0%	0.4%	0.0%	0.4%	0.0%	0.0%	--
WIST1026	11,946	9	48	17	84	40	130	56	250	95	437	155	626	202	636	184	1,005	264	1,355	271	1,795	400	1,947	180	1,668	63	21	8
# Fail	351	0	0	1	11	3	12	12	22	12	22	16	39	15	24	12	41	12	29	3	24	7	24	2	8	0	0	0
% Fail	2.9%	0.0%	0.0%	5.9%	13.1%	7.5%	9.2%	21.4%	8.8%	12.6%	5.0%	10.3%	6.2%	7.4%	3.8%	6.5%	4.1%	4.5%	2.1%	1.1%	1.3%	1.8%	1.2%	1.1%	0.5%	0.0%	0.0%	0.0%
WIST1028	20	0	1	0	2	0	1	0	1	0	0	1	3	0	1	1	1	0	2	0	2	1	2	0	1	0	0	0
# Fail	5	0	0	0	1	0	0	0	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Fail	25.0%	--	0.0%	--	50.0%	--	0.0%	--	100%	--	--	100%	66.7%	--	0.0%	0.0%	0.0%	--	0.0%	--	0.0%	0.0%	0.0%	--	0.0%	--	--	--
WIST1031	525	2	4	2	6	6	15	3	17	10	36	10	42	15	30	12	40	21	48	20	57	12	53	4	55	5	0	0
# Fail	25	0	0	0	0	0	4	0	2	1	5	1	2	1	1	1	0	1	2	1	1	0	2	0	0	0	0	0
% Fail	4.8%	0.0%	0.0%	0.0%	0.0%	0.0%	26.7%	0.0%	11.8%	10.0%	13.9%	10.0%	4.8%	6.7%	3.3%	8.3%	0.0%	4.8%	4.2%	5.0%	1.8%	0.0%	3.8%	0.0%	0.0%	0.0%	--	--
WIST1032	11,051	6	65	15	119	41	188	51	363	77	521	106	728	158	675	162	1,006	169	1,297	216	1,591	265	1,684	100	1,378	60	4	6
# Fail	239	1	4	2	10	4	10	5	17	2	27	7	27	5	18	7	21	3	29	2	21	1	11	2	3	0	0	0
% Fail	2.2%	16.7%	6.2%	13.3%	8.4%	9.8%	5.3%	9.8%	4.7%	2.6%	5.2%	6.6%	3.7%	3.2%	2.7%	4.3%	2.1%	1.8%	2.2%	0.9%	1.3%	0.4%	0.7%	2.0%	0.2%	0.0%	0.0%	0.0%
WIST1033	4,276	1	21	10	44	16	55	23	122	31	188	62	276	73	266	63	371	83	513	110	594	115	721	31	456	25	5	1
# Fail	129	0	3	1	2	0	2	3	8	2	14	4	11	3	17	0	17	2	13	5	14	2	5	0	0	1	0	0
% Fail	3.0%	0.0%	14.3%	10.0%	4.5%	0.0%	3.6%	13.0%	6.6%	6.5%	7.4%	6.5%	4.0%	4.1%	6.4%	0.0%	4.6%	2.4%	2.5%	4.5%	2.4%	1.7%	0.7%	0.0%	0.0%	4.0%	0.0%	0.0%
WIST1034	5,137	4	26	6	45	13	77	20	176	46	219	54	346	88	297	78	443	98	574	130	706	125	827	51	650	30	7	1
# Fail	133	0	1	0	4	1	5	2	11	2	9	4	12	9	10	5	15	1	9	4	11	1	16	0	1	0	0	0
% Fail	2.6%	0.0%	3.8%	0.0%	8.9%	7.7%	6.5%	10.0%	6.3%	4.3%	4.1%	7.4%	3.5%	10.2%	3.4%	6.4%	3.4%	1.0%	1.6%	3.1%	1.6%	0.8%	1.9%	0.0%	0.2%	0.0%	0.0%	0.0%
WIST1035	239	0	1	0	2	0	4	1	5	1	16	8	9	4	17	7	22	4	30	3	28	7	37	6	23	4	0	0
# Fail	11	0	0	0	0	0	1	0	0	0	3	0	0	0	1	1	0	0	3	0	1	0	1	0	0	0	0	0
% Fail	4.6%	--	0.0%	--	0.0%	--	25.0%	0.0%	0.0%	0.0%	18.8%	0.0%	0.0%	0.0%	5.9%	14.3%	0.0%	0.0%	10.0%	0.0%	3.6%	0.0%	2.7%	0.0%	0.0%	0.0%	--	--
WIST1036	156	0	1	0	0	0	2	3	7	0	11	3	14	7	6	2	15	3	16	8	18	5	16	2	15	2	0	0
# Fail	3	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
% Fail	1.9%	--	0.0%	--	--	--	0.0%	0.0%	0.0%	--	9.1%	0.0%	7.1%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--	--
WIST1037	19	0	0	0	0	1	1	0	0	1	1	0	1	2	0	2	1	2	1	0	0	0	2	1	1	2	0	0
# Fail	3	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Fail	15.8%	--	--	--	--	0.0%	100%	--	--	0.0%	100%	--	0.0%	50.0%	--	0.0%	0.0%	0.0%	0.0%	--	--	--	0.0%	0.0%	0.0%	0.0%	--	--

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST1038	85	0	0	0	1	0	1	0	0	1	4	1	4	1	4	0	4	5	12	4	14	2	15	2	7	3	0	0
# Fail	3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
% Fail	3.5%	--	--	--	0.0%	--	0.0%	--	--	100%	25.0%	0.0%	0.0%	0.0%	0.0%	--	0.0%	0.0%	0.0%	0.0%	7.1%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST1039	363	1	3	1	1	1	4	0	8	3	8	8	24	9	14	6	25	12	33	22	32	19	59	21	40	9	0	0
# Fail	15	0	0	0	0	0	1	0	0	0	0	2	3	0	1	0	2	2	2	1	1	0	0	0	0	0	0	0
% Fail	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	--	0.0%	0.0%	0.0%	25.0%	12.5%	0.0%	7.1%	0.0%	8.0%	16.7%	6.1%	4.5%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST2015	3,682	4	25	7	39	15	56	29	101	34	180	46	223	67	210	55	309	96	401	111	490	103	552	64	440	17	5	3
# Fail	73	0	1	0	4	2	6	1	8	2	4	3	6	3	6	1	6	0	3	2	4	2	6	2	1	0	0	0
% Fail	2.0%	0.0%	4.0%	0.0%	10.3%	13.3%	10.7%	3.4%	7.9%	5.9%	2.2%	6.5%	2.7%	4.5%	2.9%	1.8%	1.9%	0.0%	0.7%	1.8%	0.8%	1.9%	1.1%	3.1%	0.2%	0.0%	0.0%	0.0%
WIST2017	5,399	1	34	7	53	16	84	19	122	30	197	28	297	51	304	40	446	106	672	93	905	129	896	42	812	9	5	1
# Fail	109	0	2	1	1	0	6	4	4	4	13	1	10	1	13	1	16	3	6	2	9	2	6	0	4	0	0	0
% Fail	2.0%	0.0%	5.9%	14.3%	1.9%	0.0%	7.1%	21.1%	3.3%	13.3%	6.6%	3.6%	3.4%	2.0%	4.3%	2.5%	3.6%	2.8%	0.9%	2.2%	1.0%	1.6%	0.7%	0.0%	0.5%	0.0%	0.0%	0.0%
WIST2019	1,043	1	10	4	15	8	27	18	50	18	51	20	62	14	65	15	83	18	111	24	125	22	129	8	141	3	1	0
# Fail	33	0	0	1	1	1	1	1	2	0	2	2	2	1	3	2	4	1	3	0	2	0	3	1	0	0	0	0
% Fail	3.2%	0.0%	0.0%	25.0%	6.7%	12.5%	3.7%	5.6%	4.0%	0.0%	3.9%	10.0%	3.2%	7.1%	4.6%	13.3%	4.8%	5.6%	2.7%	0.0%	1.6%	0.0%	2.3%	12.5%	0.0%	0.0%	0.0%	--
WIST2021	1,806	0	17	2	19	5	30	19	65	13	94	20	137	31	113	19	143	36	202	43	244	56	268	18	209	2	1	0
# Fail	33	0	0	1	1	0	3	2	1	1	2	3	4	1	1	0	1	1	6	0	0	2	2	0	1	0	0	0
% Fail	1.8%	--	0.0%	50.0%	5.3%	0.0%	10.0%	10.5%	1.5%	7.7%	2.1%	15.0%	2.9%	3.2%	0.9%	0.0%	0.7%	2.8%	3.0%	0.0%	0.0%	3.6%	0.7%	0.0%	0.5%	0.0%	0.0%	--
WIST2024	3,213	6	8	6	33	8	45	16	77	30	159	43	194	50	200	41	247	52	417	57	430	90	509	45	425	23	1	1
# Fail	70	1	0	0	2	0	1	1	5	0	8	1	6	1	10	1	6	1	10	2	7	1	5	0	1	0	0	0
% Fail	2.2%	16.7%	0.0%	0.0%	6.1%	0.0%	2.2%	6.3%	6.5%	0.0%	5.0%	2.3%	3.1%	2.0%	5.0%	2.4%	2.4%	1.9%	2.4%	3.5%	1.6%	1.1%	1.0%	0.0%	0.2%	0.0%	0.0%	0.0%
WIST2028	3,674	5	25	7	62	14	70	18	117	22	186	38	234	47	210	43	346	53	412	84	548	85	564	43	422	17	2	0
# Fail	84	0	0	0	1	2	12	4	4	2	10	0	10	2	10	0	8	2	4	0	10	0	3	0	0	0	0	0
% Fail	2.3%	0.0%	0.0%	0.0%	1.6%	14.3%	17.1%	22.2%	3.4%	9.1%	5.4%	0.0%	4.3%	4.3%	4.8%	0.0%	2.3%	3.8%	1.0%	0.0%	1.8%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	--
WIST2029	1,175	2	6	5	5	2	22	0	33	11	59	16	79	19	65	25	94	35	127	29	150	50	164	32	143	2	0	0
# Fail	26	0	0	0	0	0	0	0	0	2	2	1	2	1	1	4	4	2	4	1	2	0	0	0	0	0	0	0
% Fail	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	0.0%	18.2%	3.4%	6.3%	2.5%	5.3%	1.5%	16.0%	4.3%	5.7%	3.1%	3.4%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST2030	1,940	1	7	8	22	18	44	31	76	36	136	51	161	70	110	63	146	70	208	84	185	66	194	26	121	3	2	1
# Fail	143	0	1	0	0	2	7	5	8	5	17	10	19	4	10	4	18	4	10	3	7	1	8	0	0	0	0	0
% Fail	7.4%	0.0%	14.3%	0.0%	0.0%	11.1%	15.9%	16.1%	10.5%	13.9%	12.5%	19.6%	11.8%	5.7%	9.1%	6.3%	12.3%	5.7%	4.8%	3.6%	3.8%	1.5%	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%
WIST2031	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	2	0	1	0	1	0	0	0
# Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Fail	0.0%	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0%	--	--	0.0%	--	0.0%	--	0.0%	--	0.0%	--	--	--
WIST2032	525	0	1	1	4	0	5	2	10	2	27	5	22	5	33	7	39	7	64	5	62	16	107	4	92	5	0	0
# Fail	6	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
% Fail	1.1%	--	0.0%	0.0%	0.0%	--	0.0%	0.0%	0.0%	0.0%	14.8%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	--	--
WIST2035	8,045	12	79	21	94	51	164	64	315	129	498	139	595	203	514	170	695	211	823	225	1,065	235	959	74	689	16	5	0
# Fail	359	1	7	5	8	10	21	16	34	15	37	11	44	20	22	10	29	11	21	9	9	4	7	1	7	0	0	0
% Fail	4.5%	8.3%	8.9%	23.8%	8.5%	19.6%	12.8%	25.0%	10.8%	11.6%	7.4%	7.9%	7.4%	9.9%	4.3%	5.9%	4.2%	5.2%	2.6%	4.0%	0.8%	1.7%	0.7%	1.4%	1.0%	0.0%	0.0%	--
WIST2039	2,995	1	15	10	40	23	70	36	111	53	196	88	255	109	205	89	259	111	286	120	307	90	286	35	189	7	2	2
# Fail	206	1	6	0	7	3	11	4	15	8	20	10	17	13	15	9	21	7	9	6	7	4	9	1	3	0	0	0
% Fail	6.9%	100%	40.0%	0.0%	17.5%	13.0%	15.7%	11.1%	13.5%	15.1%	10.2%	11.4%	6.7%	11.9%	7.3%	10.1%	8.1%	6.3%	3.1%	5.0%	2.3%	4.4%	3.1%	2.9%	1.6%	0.0%	0.0%	0.0%
WIST2040	230	0	2	1	2	0	7	0	7	3	11	4	12	7	12	6	17	6	21	7	41	7	33	3	20	1	0	0
# Fail	5	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
% Fail	2.2%	--	0.0%	0.0%	0.0%	--	0.0%	--	0.0%	33.3%	0.0%	0.0%	8.3%	0.0%	8.3%	0.0%	5.9%	0.0%	4.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST2041	3,311	3	10	4	22	12	41	18	83	27	129	28	175	39	162	55	264	79	379	70	480	110	527	52	518	21	3	0
# Fail	73	0	0	0	0	2	1	1	12	1	13	2	4	2	4	0	7	2	4	4	8	0	1	1	4	0	0	0
% Fail	2.2%	0.0%	0.0%	0.0%	0.0%	16.7%	2.4%	5.6%	14.5%	3.7%	10.1%	7.1%	2.3%	5.1%	2.5%	0.0%	2.7%	2.5%	1.1%	5.7%	1.7%	0.0%	0.2%	1.9%	0.8%	0.0%	0.0%	--
WIST2042	751	1	8	3	20	5	21	6	26	11	43	12	63	10	46	16	50	14	86	24	94	15	84	6	83	4	0	0
# Fail	15	0	1	0	2	0	0	1	1	0	2	1	1	0	0	1	1	0	1	0	3	0	0	0	0	0	0	0
% Fail	2.0%	0.0%	12.5%	0.0%	10.0%	0.0%	0.0%	16.7%	3.8%	0.0%	4.7%	8.3%	1.6%	0.0%	0.0%	6.3%	2.0%	0.0%	1.2%	0.0%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--
WIST2043	968	3	11	1	14	3	19	6	36	9	49	12	67	12	45	15	86	23	107	23	125	30	140	4	115	9	4	0
# Fail	26	0	0	0	1	1	0	0	2	2	3	0	6	0	0	0	1	0	1	0	3	0	6	0	0	0	0	0
% Fail	2.7%	0.0%	0.0%	0.0%	7.1%	33.3%	0.0%	0.0%	5.6%	22.2%	6.1%	0.0%	9.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.9%	0.0%	2.4%	0.0%	4.3%	0.0%	0.0%	0.0%	0.0%	--
WIST2044	675	3	4	2	6	4	17	5	33	9	39	9	43	18	38	20	57	23	76	38	65	19	76	6	60	4	1	0
# Fail	32	1	2	1	2	0	2	0	2	0	7	0	5	0	1	1	1	2	1	2	2	0	0	0	0	0	0	0
% Fail	4.7%	33.3%	50.0%	50.0%	33.3%	0.0%	11.8%	0.0%	6.1%	0.0%	17.9%	0.0%	11.6%	0.0%	2.6%	5.0%	1.8%	8.7%	1.3%	5.3%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--
WIST2045	605	0	6	3	8	13	15	10	31	13	20	14	39	20	20	18	44	22	55	19	59	15	71	7	76	7	0	0
# Fail	54	0	0	0	3	4	4	1	7	3	4	2	4	0	3	1	1	1	7	2	0	1	4	0	2	0	0	0
% Fail	8.9%	--	0.0%	0.0%	37.5%	30.8%	26.7%	10.0%	22.6%	23.1%	20.0%	14.3%	10.3%	0.0%	15.0%	5.6%	2.3%	4.5%	12.7%	10.5%	0.0%	6.7%	5.6%	0.0%	2.6%	0.0%	--	--
WIST2046	650	0	3	4	5	1	13	3	21	7	30	10	38	9	23	9	58	10	61	13	96	20	106	12	85	12	1	0
# Fail	13	0	1	0	0	0	1	0	1	0	1	0	3	1	0	0	1	0	1	0	1	1	0	0	1	0	0	0
% Fail	2.0%	--	33.3%	0.0%	0.0%	0.0%	7.7%	0.0%	4.8%	0.0%	3.3%	0.0%	7.9%	11.1%	0.0%	0.0%	1.7%	0.0%	1.6%	0.0%	1.0%	5.0%	0.0%	0.0%	1.2%	0.0%	0.0%	--
WIST2048	144	0	0	1	2	0	4	2	0	2	5	5	8	7	6	7	7	6	7	7	12	10	11	11	17	7	0	0
# Fail	7	0	0	0	0	0	1	1	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0
% Fail	4.9%	--	--	0.0%	0.0%	--	25.0%	50.0%	--	0.0%	20.0%	0.0%	0.0%	0.0%	16.7%	0.0%	14.3%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	0.0%	--	--
WIST3003	1,235	0	6	3	27	10	37	9	59	17	59	19	103	20	65	17	96	24	120	26	144	30	178	10	152	3	1	0
# Fail	52	0	1	0	3	1	5	1	5	2	5	2	7	2	1	1	6	3	3	1	0	0	3	0	0	0	0	0
% Fail	4.2%	--	16.7%	0.0%	11.1%	10.0%	13.5%	11.1%	8.5%	11.8%	8.5%	10.5%	6.8%	10.0%	1.5%	5.9%	6.3%	12.5%	2.5%	3.8%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	--
WIST3006	2,555	3	14	6	35	9	43	13	96	22	136	21	179	31	162	34	216	40	297	47	376	50	386	21	317	1	0	0
# Fail	47	0	0	0	1	0	1	2	2	1	3	1	7	1	4	1	6	1	4	2	5	0	2	0	3	0	0	0
% Fail	1.8%	0.0%	0.0%	0.0%	2.9%	0.0%	2.3%	15.4%	2.1%	4.5%	2.2%	4.8%	3.9%	3.2%	2.5%	2.9%	2.8%	2.5%	1.3%	4.3%	1.3%	0.0%	0.5%	0.0%	0.9%	0.0%	--	--
WIST3013	5,407	9	29	12	48	30	74	52	173	86	256	101	361	143	306	106	465	165	619	191	631	179	716	84	528	24	11	8
# Fail	223	3	1	2	2	2	11	10	18	11	15	16	21	8	14	7	20	9	13	6	16	4	11	1	2	0	0	0
% Fail	4.1%	33.3%	3.4%	16.7%	4.2%	6.7%	14.9%	19.2%	10.4%	12.8%	5.9%	15.8%	5.8%	5.6%	4.6%	6.6%	4.3%	5.5%	2.1%	3.1%	2.5%	2.2%	1.5%	1.2%	0.4%	0.0%	0.0%	0.0%
WIST3014	162	2	0	0	4	1	3	5	9	1	8	5	13	7	12	6	12	5	19	13	13	3	11	0	8	2	0	0
# Fail	26	0	0	0	0	0	1	2	3	0	2	1	3	4	2	1	0	1	3	0	2	0	1	0	0	0	0	0
% Fail	16.0%	0.0%	--	--	0.0%	0.0%	33.3%	40.0%	33.3%	0.0%	25.0%	20.0%	23.1%	57.1%	16.7%	16.7%	0.0%	20.0%	15.8%	0.0%	15.4%	0.0%	9.1%	--	0.0%	0.0%	--	--
WIST3015	722	1	2	1	10	3	13	10	21	6	35	11	64	16	46	6	86	12	99	18	96	11	83	7	65	0	0	0
# Fail	10	0	0	0	0	0	1	1	0	1	0	0	5	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
% Fail	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%	10.0%	0.0%	16.7%	0.0%	0.0%	7.8%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--	--
WIST3021	2,812	2	17	5	38	8	54	19	109	21	145	31	178	48	152	47	246	63	358	83	379	61	399	27	312	7	2	1
# Fail	72	0	2	0	2	0	1	1	6	1	11	3	10	3	5	1	7	2	8	0	7	0	2	0	0	0	0	0
% Fail	2.6%	0.0%	11.8%	0.0%	5.3%	0.0%	1.9%	5.3%	5.5%	4.8%	7.6%	9.7%	5.6%	6.3%	3.3%	2.1%	2.8%	3.2%	2.2%	0.0%	1.8%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
WIST3022	132	0	1	2	1	3	4	3	4	5	8	2	17	7	10	2	16	0	13	3	7	2	4	13	4	1	0	0
# Fail	4	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
% Fail	3.0%	--	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%	11.8%	0.0%	0.0%	0.0%	0.0%	--	0.0%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST3024	9,545	15	73	29	134	51	171	81	345	130	577	139	722	204	649	198	819	224	1,077	266	1,218	210	1,179	87	917	17	8	5
# Fail	397	0	8	6	16	1	14	15	24	14	42	17	49	15	35	14	33	13	26	4	21	6	16	0	7	1	0	0
% Fail	4.2%	0.0%	11.0%	20.7%	11.9%	2.0%	8.2%	18.5%	7.0%	10.8%	7.3%	12.2%	6.8%	7.4%	5.4%	7.1%	4.0%	5.8%	2.4%	1.5%	1.7%	2.9%	1.4%	0.0%	0.8%	5.9%	0.0%	0.0%

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST3030	1,857	0	7	3	13	4	32	11	49	15	72	8	98	30	80	27	138	41	216	45	306	61	336	14	234	15	1	1
# Fail	58	0	1	0	1	1	1	0	8	1	6	1	3	1	5	2	7	0	6	2	7	1	2	0	2	0	0	0
% Fail	3.1%	--	14.3%	0.0%	7.7%	25.0%	3.1%	0.0%	16.3%	6.7%	8.3%	12.5%	3.1%	3.3%	6.3%	7.4%	5.1%	0.0%	2.8%	4.4%	2.3%	1.6%	0.6%	0.0%	0.9%	0.0%	0.0%	0.0%
WIST3032	1,086	2	11	2	9	7	23	7	27	5	55	10	86	19	50	10	94	25	133	28	139	25	162	15	134	7	0	1
# Fail	23	0	0	0	1	0	1	0	2	0	4	0	4	1	3	1	2	0	2	0	1	0	1	0	0	0	0	0
% Fail	2.1%	0.0%	0.0%	0.0%	11.1%	0.0%	4.3%	0.0%	7.4%	0.0%	7.3%	0.0%	4.7%	5.3%	6.0%	10.0%	2.1%	0.0%	1.5%	0.0%	0.7%	0.0%	0.6%	0.0%	0.0%	0.0%	--	0.0%
WIST3034	1,857	1	7	1	11	2	20	6	44	16	67	15	83	20	88	22	153	37	230	36	315	47	331	17	284	3	1	0
# Fail	39	0	0	0	0	0	4	0	5	2	2	1	2	2	5	2	3	2	3	0	5	1	0	0	0	0	0	0
% Fail	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	11.4%	12.5%	3.0%	6.7%	2.4%	10.0%	5.7%	9.1%	2.0%	5.4%	1.3%	0.0%	1.6%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	--
WIST3035	1,053	0	7	0	6	4	15	4	38	8	56	12	54	9	62	17	81	16	127	22	168	21	167	10	141	7	1	0
# Fail	14	0	0	0	0	0	1	0	2	0	1	1	2	0	0	0	1	0	3	0	2	0	1	0	0	0	0	0
% Fail	1.3%	--	0.0%	--	0.0%	0.0%	6.7%	0.0%	5.3%	0.0%	1.8%	8.3%	3.7%	0.0%	0.0%	0.0%	1.2%	0.0%	2.4%	0.0%	1.2%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	--
WIST3039	4,323	2	32	3	56	15	74	26	137	45	226	40	280	39	274	64	385	71	486	92	588	93	648	49	556	35	7	0
# Fail	85	1	1	0	6	1	3	0	8	2	10	3	9	3	5	1	7	1	8	4	4	1	6	0	1	0	0	0
% Fail	2.0%	50.0%	3.1%	0.0%	10.7%	6.7%	4.1%	0.0%	5.8%	4.4%	4.4%	7.5%	3.2%	7.7%	1.8%	1.6%	1.8%	1.4%	1.6%	4.3%	0.7%	1.1%	0.9%	0.0%	0.2%	0.0%	0.0%	--
WIST3040	5,055	3	27	17	44	20	74	41	164	58	251	66	340	98	287	92	463	115	548	102	714	121	726	69	587	25	1	2
# Fail	135	0	3	2	5	1	7	3	9	1	19	2	13	7	14	4	16	3	9	3	8	2	4	0	0	0	0	0
% Fail	2.7%	0.0%	11.1%	11.8%	11.4%	5.0%	9.5%	7.3%	5.5%	1.7%	7.6%	3.0%	3.8%	7.1%	4.9%	4.3%	3.5%	2.6%	1.6%	2.9%	1.1%	1.7%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%
WIST3041	2,155	1	15	3	25	9	38	6	62	16	76	35	141	34	112	28	162	33	272	80	322	87	307	21	246	23	1	0
# Fail	45	0	0	0	2	0	3	1	2	1	2	1	7	1	7	1	1	0	5	2	5	0	3	0	1	0	0	0
% Fail	2.1%	0.0%	0.0%	0.0%	8.0%	0.0%	7.9%	16.7%	3.2%	6.3%	2.6%	2.9%	5.0%	2.9%	6.3%	3.6%	0.6%	0.0%	1.8%	2.5%	1.6%	0.0%	1.0%	0.0%	0.4%	0.0%	0.0%	--
WIST3043	1,180	0	3	7	13	5	25	11	38	21	60	29	91	21	75	21	104	20	132	40	132	38	163	7	120	2	1	1
# Fail	72	0	0	1	1	1	5	2	2	2	11	3	11	2	3	1	4	3	7	4	3	0	5	0	1	0	0	0
% Fail	6.1%	--	0.0%	14.3%	7.7%	20.0%	20.0%	18.2%	5.3%	9.5%	18.3%	10.3%	12.1%	9.5%	4.0%	4.8%	3.8%	15.0%	5.3%	10.0%	2.3%	0.0%	3.1%	0.0%	0.8%	0.0%	0.0%	0.0%
WIST3044	71	1	1	0	1	1	2	1	5	0	6	1	3	2	4	0	2	1	7	0	13	3	9	0	6	2	0	0
# Fail	12	0	0	0	0	0	1	1	1	0	3	0	0	0	0	0	1	0	2	0	2	0	1	0	0	0	0	0
% Fail	16.9%	0.0%	0.0%	--	0.0%	0.0%	50.0%	100%	20.0%	--	50.0%	0.0%	0.0%	0.0%	0.0%	--	50.0%	0.0%	28.6%	--	15.4%	0.0%	11.1%	--	0.0%	0.0%	--	--
WIST3045	419	0	2	2	7	0	9	1	12	3	15	4	25	9	22	7	33	6	48	16	52	15	67	7	49	8	0	0
# Fail	7	0	1	0	0	0	0	0	1	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
% Fail	1.7%	--	50.0%	0.0%	0.0%	--	0.0%	0.0%	8.3%	0.0%	0.0%	0.0%	8.0%	0.0%	0.0%	0.0%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST3049	89	0	1	0	0	0	3	3	4	2	6	1	4	2	3	1	10	4	13	0	14	2	6	4	4	2	0	0
# Fail	9	0	0	0	0	0	0	0	2	1	1	0	0	1	0	0	2	0	0	0	1	0	1	0	0	0	0	0
% Fail	10.1%	--	0.0%	--	--	--	0.0%	0.0%	50.0%	50.0%	16.7%	0.0%	0.0%	50.0%	0.0%	0.0%	20.0%	0.0%	0.0%	--	7.1%	0.0%	16.7%	0.0%	0.0%	0.0%	--	--
WIST4002	1,744	3	13	5	13	12	37	11	56	9	56	24	87	24	88	15	163	40	198	43	261	34	288	14	235	12	1	2
# Fail	38	0	1	0	0	0	2	1	2	0	2	0	4	3	3	1	2	0	2	3	5	0	5	1	1	0	0	0
% Fail	2.2%	0.0%	7.7%	0.0%	0.0%	0.0%	5.4%	9.1%	3.6%	0.0%	3.6%	0.0%	4.6%	12.5%	3.4%	6.7%	1.2%	0.0%	1.0%	7.0%	1.9%	0.0%	1.7%	7.1%	0.4%	0.0%	0.0%	0.0%
WIST4003	10,868	14	56	25	110	42	179	70	337	104	456	149	671	204	640	189	936	262	1,274	270	1,495	316	1,618	153	1,245	43	4	6
# Fail	281	2	2	2	9	5	16	5	30	10	22	8	31	13	21	5	19	9	20	4	21	8	11	1	7	0	0	0
% Fail	2.6%	14.3%	3.6%	8.0%	8.2%	11.9%	8.9%	7.1%	8.9%	9.6%	4.8%	5.4%	4.6%	6.4%	3.3%	2.6%	2.0%	3.4%	1.6%	1.5%	1.4%	2.5%	0.7%	0.7%	0.6%	0.0%	0.0%	0.0%
WIST4014	1,178	1	8	3	24	4	32	12	52	13	68	10	90	13	66	14	97	17	120	27	136	21	175	7	156	12	0	0
# Fail	27	0	0	0	1	0	3	1	2	1	1	0	3	0	3	1	2	0	4	1	2	0	2	0	0	0	0	0
% Fail	2.3%	0.0%	0.0%	0.0%	4.2%	0.0%	9.4%	8.3%	3.8%	7.7%	1.5%	0.0%	3.3%	0.0%	4.5%	7.1%	2.1%	0.0%	3.3%	3.7%	1.5%	0.0%	1.1%	0.0%	0.0%	0.0%	--	--
WIST4026	4,771	4	22	9	18	11	47	19	69	24	146	44	221	61	229	63	386	97	598	111	724	152	794	82	669	100	50	20
# Fail	79	0	0	0	3	0	3	3	5	3	8	6	4	3	8	4	7	0	8	3	6	1	2	0	2	0	0	0
% Fail	1.7%	0.0%	0.0%	0.0%	16.7%	0.0%	6.4%	15.8%	7.2%	12.5%	5.5%	13.6%	1.8%	4.9%	3.5%	6.3%	1.8%	0.0%	1.3%	2.7%	0.8%	0.7%	0.3%	0.0%	0.3%	0.0%	0.0%	0.0%

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST4031	11,889	23	115	41	217	74	284	140	491	206	748	255	913	283	707	237	972	299	1,233	349	1,417	334	1,443	129	945	23	11	0
# Fail	516	2	11	4	22	11	22	22	45	24	60	23	51	35	34	16	34	11	31	6	19	11	17	1	4	0	0	0
% Fail	4.3%	8.7%	9.6%	9.8%	10.1%	14.9%	7.7%	15.7%	9.2%	11.7%	8.0%	9.0%	5.6%	12.4%	4.8%	6.8%	3.5%	3.7%	2.5%	1.7%	1.3%	3.3%	1.2%	0.8%	0.4%	0.0%	0.0%	--
WIST4032	7,599	25	69	39	137	68	203	138	308	176	488	253	656	339	421	242	583	256	694	241	732	245	730	82	454	12	5	3
# Fail	768	4	9	7	24	21	39	34	48	45	88	46	96	46	48	28	47	19	48	7	20	10	24	4	6	0	0	0
% Fail	10.1%	16.0%	13.0%	17.9%	17.5%	30.9%	19.2%	24.6%	15.6%	25.6%	18.0%	18.2%	14.6%	13.6%	11.4%	11.6%	8.1%	7.4%	6.9%	2.9%	2.7%	4.1%	3.3%	4.9%	1.3%	0.0%	0.0%	0.0%
WIST4040	4,293	5	25	11	66	27	90	29	146	51	255	61	301	83	246	83	376	78	465	107	541	101	597	41	490	9	7	2
# Fail	98	2	4	2	4	4	6	3	7	1	12	2	12	4	6	2	7	4	4	1	6	2	3	0	0	0	0	0
% Fail	2.3%	40.0%	16.0%	18.2%	6.1%	14.8%	6.7%	10.3%	4.8%	2.0%	4.7%	3.3%	4.0%	4.8%	2.4%	2.4%	1.9%	5.1%	0.9%	0.9%	1.1%	2.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
WIST4042	3,240	2	30	11	56	15	82	32	126	45	191	40	277	84	233	55	266	71	360	98	366	80	386	40	282	7	4	1
# Fail	127	0	2	0	5	3	7	2	10	4	17	4	16	7	10	2	8	5	8	4	9	0	4	0	0	0	0	0
% Fail	3.9%	0.0%	6.7%	0.0%	8.9%	20.0%	8.5%	6.3%	7.9%	8.9%	8.9%	10.0%	5.8%	8.3%	4.3%	3.6%	3.0%	7.0%	2.2%	4.1%	2.5%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WIST4045	2,942	4	23	4	41	16	50	20	105	24	150	22	190	37	155	39	256	57	362	68	394	84	470	26	332	13	0	0
# Fail	68	0	0	0	3	0	4	2	3	2	8	1	8	4	5	4	7	1	5	0	4	2	3	0	2	0	0	0
% Fail	2.3%	0.0%	0.0%	0.0%	7.3%	0.0%	8.0%	10.0%	2.9%	8.3%	5.3%	4.5%	4.2%	10.8%	3.2%	10.3%	2.7%	1.8%	1.4%	0.0%	1.0%	2.4%	0.6%	0.0%	0.6%	0.0%	--	--
WIST4048	1,584	2	6	4	10	7	24	18	50	20	84	9	117	26	93	26	147	28	184	35	215	48	231	20	178	1	1	0
# Fail	41	0	0	0	0	0	3	1	5	3	7	0	5	0	0	3	2	0	4	1	3	1	2	0	1	0	0	0
% Fail	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%	5.6%	10.0%	15.0%	8.3%	0.0%	4.3%	0.0%	0.0%	11.5%	1.4%	0.0%	2.2%	2.9%	1.4%	2.1%	0.9%	0.0%	0.6%	0.0%	0.0%	--
WIST4049	136	0	1	0	2	1	1	0	4	1	7	1	11	1	6	3	17	4	12	5	11	7	22	3	16	0	0	0
# Fail	3	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
% Fail	2.2%	--	0.0%	--	0.0%	100%	100%	--	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--	--
WIST4050	9,227	7	35	11	82	16	117	43	229	45	289	84	495	100	493	115	733	128	1,050	169	1,493	228	1,603	121	1,469	62	8	2
# Fail	168	0	2	0	5	1	7	9	9	2	14	5	14	6	26	4	12	2	13	1	18	1	11	0	6	0	0	0
% Fail	1.8%	0.0%	5.7%	0.0%	6.1%	6.3%	6.0%	20.9%	3.9%	4.4%	4.8%	6.0%	2.8%	6.0%	5.3%	3.5%	1.6%	1.6%	1.2%	0.6%	1.2%	0.4%	0.7%	0.0%	0.4%	0.0%	0.0%	0.0%
WIST4051	3,567	8	40	10	43	32	80	29	112	43	211	54	246	60	185	51	292	70	358	65	481	106	506	30	435	18	2	0
# Fail	100	0	4	1	1	6	7	1	6	1	9	1	14	3	10	2	10	4	3	3	6	3	3	1	1	0	0	0
% Fail	2.8%	0.0%	10.0%	10.0%	2.3%	18.8%	8.8%	3.4%	5.4%	2.3%	4.3%	1.9%	5.7%	5.0%	5.4%	3.9%	3.4%	5.7%	0.8%	4.6%	1.2%	2.8%	0.6%	3.3%	0.2%	0.0%	0.0%	--
WIST4053	507	1	9	0	15	2	19	8	32	6	36	8	39	15	31	11	42	8	43	9	60	10	50	8	44	0	1	0
# Fail	23	0	3	0	0	1	1	0	3	0	3	0	3	1	0	0	4	0	0	0	1	0	3	0	0	0	0	0
% Fail	4.5%	0.0%	33.3%	--	0.0%	50.0%	5.3%	0.0%	9.4%	0.0%	8.3%	0.0%	7.7%	6.7%	0.0%	0.0%	9.5%	0.0%	0.0%	0.0%	1.7%	0.0%	6.0%	0.0%	0.0%	--	0.0%	--
WIST4054	4,154	3	33	13	65	23	102	31	128	53	219	66	326	55	233	64	347	88	468	93	546	88	582	38	464	23	2	1
# Fail	158	0	2	1	7	3	11	7	8	6	18	5	18	7	11	4	12	2	11	0	15	2	6	0	2	0	0	0
% Fail	3.8%	0.0%	6.1%	7.7%	10.8%	13.0%	10.8%	22.6%	6.3%	11.3%	8.2%	7.6%	5.5%	12.7%	4.7%	6.3%	3.5%	2.3%	2.4%	0.0%	2.7%	2.3%	1.0%	0.0%	0.4%	0.0%	0.0%	0.0%
WIST4057	1,610	1	8	2	29	3	31	11	71	20	68	21	100	26	109	30	148	29	207	37	213	36	212	19	178	0	0	1
# Fail	36	0	1	0	0	0	1	1	5	1	5	2	4	3	3	0	3	2	3	0	1	0	0	0	1	0	0	0
% Fail	2.2%	0.0%	12.5%	0.0%	0.0%	0.0%	3.2%	9.1%	7.0%	5.0%	7.4%	9.5%	4.0%	11.5%	2.8%	0.0%	2.0%	6.9%	1.4%	0.0%	0.5%	0.0%	0.0%	0.0%	0.6%	--	--	0.0%
WIST4060	309	1	2	1	8	1	7	5	4	3	10	7	24	6	16	3	21	5	39	5	43	7	52	2	33	4	0	0
# Fail	11	0	0	1	1	0	2	1	0	0	0	0	2	0	1	0	1	0	0	0	2	0	0	0	0	0	0	0
% Fail	3.6%	0.0%	0.0%	100%	12.5%	0.0%	28.6%	20.0%	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	6.3%	0.0%	4.8%	0.0%	0.0%	0.0%	4.7%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST4061	3,183	2	13	1	24	4	50	3	75	19	125	18	179	31	146	38	258	40	434	63	481	79	587	34	456	21	0	2
# Fail	65	0	0	0	1	1	3	1	9	1	5	3	7	1	4	1	8	1	8	2	4	0	4	0	1	0	0	0
% Fail	2.0%	0.0%	0.0%	0.0%	4.2%	25.0%	6.0%	33.3%	12.0%	5.3%	4.0%	16.7%	3.9%	3.2%	2.7%	2.6%	3.1%	2.5%	1.8%	3.2%	0.8%	0.0%	0.7%	0.0%	0.2%	0.0%	--	0.0%
WIST4062	3,669	4	20	12	22	15	64	52	125	68	188	104	288	160	233	109	282	162	351	147	420	110	407	47	264	10	5	0
# Fail	403	0	3	3	2	3	19	17	32	15	34	29	43	32	22	17	23	18	26	19	25	7	7	2	4	0	1	0
% Fail	11.0%	0.0%	15.0%	25.0%	9.1%	20.0%	29.7%	32.7%	25.6%	22.1%	18.1%	27.9%	14.9%	20.0%	9.4%	15.6%	8.2%	11.1%	7.4%	12.9%	6.0%	6.4%	1.7%	4.3%	1.5%	0.0%	20.0%	--

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST4063	524	1	4	2	6	1	14	3	21	5	30	5	39	7	34	7	49	10	63	18	64	12	66	3	58	2	0	0
# Fail	9	0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0
% Fail	1.7%	0.0%	0.0%	50.0%	0.0%	0.0%	7.1%	0.0%	4.8%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	4.1%	0.0%	4.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST4064	1,038	1	2	0	4	2	12	4	22	7	42	7	52	11	38	11	86	12	145	35	156	27	189	15	158	0	0	0
# Fail	18	1	0	0	1	0	0	1	3	0	2	0	2	0	0	0	1	0	1	1	1	0	1	0	3	0	0	0
% Fail	1.7%	100%	0.0%	--	25.0%	0.0%	0.0%	25.0%	13.6%	0.0%	4.8%	0.0%	3.8%	0.0%	0.0%	0.0%	1.2%	0.0%	0.7%	2.9%	0.6%	0.0%	0.5%	0.0%	1.9%	--	--	--
WIST4068	1,912	0	6	3	14	4	15	5	36	13	51	21	105	16	102	23	160	35	220	38	299	43	315	24	347	15	1	1
# Fail	24	0	0	0	1	1	2	0	2	0	0	0	5	0	3	0	2	0	2	0	2	1	1	0	2	0	0	0
% Fail	1.3%	--	0.0%	0.0%	7.1%	25.0%	13.3%	0.0%	5.6%	0.0%	0.0%	0.0%	4.8%	0.0%	2.9%	0.0%	1.3%	0.0%	0.9%	0.0%	0.7%	2.3%	0.3%	0.0%	0.6%	0.0%	0.0%	0.0%
WIST4070	96	0	1	1	3	1	2	2	6	0	3	2	11	4	9	0	6	2	8	3	14	3	7	1	7	0	0	0
# Fail	18	0	0	1	0	1	0	1	3	0	2	1	2	0	2	0	1	0	1	0	2	0	0	0	1	0	0	0
% Fail	18.8%	--	0.0%	100%	0.0%	100%	0.0%	50.0%	50.0%	--	66.7%	50.0%	18.2%	0.0%	22.2%	--	16.7%	0.0%	12.5%	0.0%	14.3%	0.0%	0.0%	0.0%	14.3%	--	--	--
WIST4071	246	0	2	0	4	2	3	0	7	2	11	1	14	2	10	7	22	8	21	7	29	14	37	3	40	0	0	0
# Fail	6	0	2	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Fail	2.4%	--	100%	--	0.0%	0.0%	0.0%	--	0.0%	50.0%	18.2%	0.0%	7.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--	--
WIST4072	1,484	4	11	2	24	14	37	27	85	29	113	40	154	50	105	42	129	57	139	48	136	41	113	11	71	2	0	0
# Fail	61	1	1	0	2	3	7	2	6	3	9	3	6	1	1	1	5	0	3	1	3	1	1	0	1	0	0	0
% Fail	4.1%	25.0%	9.1%	0.0%	8.3%	21.4%	18.9%	7.4%	7.1%	10.3%	8.0%	7.5%	3.9%	2.0%	1.0%	2.4%	3.9%	0.0%	2.2%	2.1%	2.2%	2.4%	0.9%	0.0%	1.4%	0.0%	--	--
WIST5003	991	1	4	2	5	2	12	0	22	14	41	13	43	19	40	12	58	23	102	40	152	40	167	21	152	5	1	0
# Fail	24	1	0	0	0	1	1	0	2	1	5	2	0	0	3	1	0	2	2	1	1	1	0	0	0	0	0	0
% Fail	2.4%	100%	0.0%	0.0%	0.0%	50.0%	8.3%	--	9.1%	7.1%	12.2%	15.4%	0.0%	0.0%	7.5%	8.3%	0.0%	8.7%	2.0%	2.5%	0.7%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	--
WIST5005	1,515	0	24	7	30	10	48	17	94	21	86	30	135	21	108	22	130	22	134	30	194	28	173	13	130	6	2	0
# Fail	41	0	0	0	0	0	6	0	4	2	3	4	4	2	2	1	3	2	1	1	5	0	1	0	0	0	0	0
% Fail	2.7%	--	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	4.3%	9.5%	3.5%	13.3%	3.0%	9.5%	1.9%	4.5%	2.3%	9.1%	0.7%	3.3%	2.6%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	--
WIST5008	6,726	3	43	19	91	25	136	33	235	63	360	67	432	79	365	85	589	119	804	159	950	148	1,061	71	755	28	4	2
# Fail	163	0	0	0	3	1	9	3	21	4	16	4	26	5	7	4	12	2	17	4	14	2	7	0	2	0	0	0
% Fail	2.4%	0.0%	0.0%	0.0%	3.3%	4.0%	6.6%	9.1%	8.9%	6.3%	4.4%	6.0%	6.0%	6.3%	1.9%	4.7%	2.0%	1.7%	2.1%	2.5%	1.5%	1.4%	0.7%	0.0%	0.3%	0.0%	0.0%	0.0%
WIST5015	4,790	6	43	19	87	27	119	61	193	80	263	85	345	103	283	70	427	104	524	115	600	139	607	43	425	20	2	0
# Fail	182	0	3	2	4	2	9	10	17	9	13	8	23	14	10	3	17	1	12	2	10	3	7	2	1	0	0	0
% Fail	3.8%	0.0%	7.0%	10.5%	4.6%	7.4%	7.6%	16.4%	8.8%	11.3%	4.9%	9.4%	6.7%	13.6%	3.5%	4.3%	4.0%	1.0%	2.3%	1.7%	1.7%	2.2%	1.2%	4.7%	0.2%	0.0%	0.0%	--
WIST5017	3,304	3	19	7	38	11	77	16	136	21	168	31	248	59	215	48	298	70	394	68	453	74	475	16	357	2	0	0
# Fail	117	0	0	2	4	1	11	0	10	3	12	1	14	5	14	2	13	3	11	2	3	2	2	1	1	0	0	0
% Fail	3.5%	0.0%	0.0%	28.6%	10.5%	9.1%	14.3%	0.0%	7.4%	14.3%	7.1%	3.2%	5.6%	8.5%	6.5%	4.2%	4.4%	4.3%	2.8%	2.9%	0.7%	2.7%	0.4%	6.3%	0.3%	0.0%	--	--
WIST5023	2,301	0	5	7	14	1	39	11	78	19	85	27	129	38	134	23	213	33	228	44	312	62	400	25	352	22	0	0
# Fail	53	0	0	1	0	0	4	1	7	2	4	2	3	1	6	1	5	1	5	3	5	0	1	0	1	0	0	0
% Fail	2.3%	--	0.0%	14.3%	0.0%	0.0%	10.3%	9.1%	9.0%	10.5%	4.7%	7.4%	2.3%	2.6%	4.5%	4.3%	2.3%	3.0%	2.2%	6.8%	1.6%	0.0%	0.3%	0.0%	0.3%	0.0%	--	--
WIST5029	5,641	7	25	8	45	19	74	27	139	40	215	43	316	81	260	74	451	90	533	134	806	167	960	70	1,011	34	8	4
# Fail	102	0	4	0	2	1	6	1	11	2	16	2	12	2	11	0	5	3	5	2	9	4	2	1	0	1	0	0
% Fail	1.8%	0.0%	16.0%	0.0%	4.4%	5.3%	8.1%	3.7%	7.9%	5.0%	7.4%	4.7%	3.8%	2.5%	4.2%	0.0%	1.1%	3.3%	0.9%	1.5%	1.1%	2.4%	0.2%	1.4%	0.0%	2.9%	0.0%	0.0%
WIST5044	1,109	1	2	1	5	1	5	2	26	7	27	17	46	14	54	21	70	22	117	32	195	52	203	23	152	10	4	0
# Fail	29	0	1	0	0	0	0	0	1	1	3	2	3	1	1	2	2	0	3	0	2	1	5	0	1	0	0	0
% Fail	2.6%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.8%	14.3%	11.1%	11.8%	6.5%	7.1%	1.9%	9.5%	2.9%	0.0%	2.6%	0.0%	1.0%	1.9%	2.5%	0.0%	0.7%	0.0%	0.0%	--
WIST5045	198	1	0	1	2	0	4	1	7	0	7	2	18	2	13	2	21	5	23	4	15	3	31	1	31	4	0	0
# Fail	5	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
% Fail	2.5%	0.0%	--	0.0%	50.0%	--	0.0%	0.0%	14.3%	--	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST5053	1,097	0	18	7	25	4	38	9	62	10	81	20	105	17	75	14	91	25	109	17	131	21	122	7	87	2	0	0
# Fail	19	0	0	0	0	0	2	0	2	0	3	0	3	0	1	3	1	0	4	0	0	0	0	0	0	0	0	0
% Fail	1.7%	--	0.0%	0.0%	0.0%	0.0%	5.3%	0.0%	3.2%	0.0%	3.7%	0.0%	2.9%	0.0%	1.3%	21.4%	1.1%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST5055	11,700	10	51	18	119	54	233	94	385	143	649	226	875	277	707	244	999	308	1,303	375	1,500	414	1,513	157	995	38	12	1
# Fail	484	0	3	4	12	7	28	13	37	21	50	24	65	20	35	12	42	13	32	7	29	10	18	1	1	0	0	0
% Fail	4.1%	0.0%	5.9%	22.2%	10.1%	13.0%	12.0%	13.8%	9.6%	14.7%	7.7%	10.6%	7.4%	7.2%	5.0%	4.9%	4.2%	4.2%	2.5%	1.9%	1.9%	2.4%	1.2%	0.6%	0.1%	0.0%	0.0%	0.0%
WIST5058	130	0	2	0	0	2	3	1	5	4	8	2	7	6	6	4	9	8	13	3	10	2	20	1	12	2	0	0
# Fail	5	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0
% Fail	3.8%	--	0.0%	--	--	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	12.5%	15.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST5066	6,696	14	54	27	102	39	182	60	299	93	405	114	547	137	404	121	563	169	690	189	814	174	813	71	587	17	9	2
# Fail	231	3	3	1	9	4	23	4	22	9	27	8	26	9	14	5	18	4	12	2	14	2	7	0	5	0	0	0
% Fail	3.4%	21.4%	5.6%	3.7%	8.8%	10.3%	12.6%	6.7%	7.4%	9.7%	6.7%	7.0%	4.8%	6.6%	3.5%	4.1%	3.2%	2.4%	1.7%	1.1%	1.7%	1.1%	0.9%	0.0%	0.9%	0.0%	0.0%	0.0%
WIST5074	976	2	3	2	14	8	17	9	29	25	40	25	54	30	63	31	73	45	92	52	102	50	94	27	89	0	0	0
# Fail	46	1	0	1	1	1	0	1	3	4	1	3	7	4	4	2	2	3	3	1	0	0	2	0	2	0	0	0
% Fail	4.7%	50.0%	0.0%	50.0%	7.1%	12.5%	0.0%	11.1%	10.3%	16.0%	2.5%	12.0%	13.0%	13.3%	6.3%	6.5%	2.7%	6.7%	3.3%	1.9%	0.0%	0.0%	2.1%	0.0%	2.2%	--	--	--
WIST5077	3,378	2	14	7	32	14	38	22	104	24	152	39	250	49	205	52	344	54	379	72	490	91	513	38	389	1	3	0
# Fail	64	0	0	0	1	1	3	5	9	2	7	1	8	1	3	2	7	0	4	1	1	2	3	0	3	0	0	0
% Fail	1.9%	0.0%	0.0%	0.0%	3.1%	7.1%	7.9%	22.7%	8.7%	8.3%	4.6%	2.6%	3.2%	2.0%	1.5%	3.8%	2.0%	0.0%	1.1%	1.4%	0.2%	2.2%	0.6%	0.0%	0.8%	0.0%	0.0%	--
WIST5081	26,482	33	187	63	317	122	537	179	909	262	1,283	358	1,878	457	1,494	405	2,259	537	3,128	683	3,691	655	3,837	251	2,824	107	22	4
# Fail	812	2	15	10	27	18	44	17	58	27	92	30	86	33	63	14	68	17	80	15	50	7	29	4	5	1	0	0
% Fail	3.1%	6.1%	8.0%	15.9%	8.5%	14.8%	8.2%	9.5%	6.4%	10.3%	7.2%	8.4%	4.6%	7.2%	4.2%	3.5%	3.0%	3.2%	2.6%	2.2%	1.4%	1.1%	0.8%	1.6%	0.2%	0.9%	0.0%	0.0%
WIST5083	3,247	1	27	10	31	10	66	21	116	44	168	52	229	80	211	66	265	95	353	102	447	110	402	29	308	4	0	0
# Fail	154	1	4	1	3	2	8	3	13	5	20	10	12	9	9	0	14	2	11	8	12	2	4	0	1	0	0	0
% Fail	4.7%	100%	14.8%	10.0%	9.7%	20.0%	12.1%	14.3%	11.2%	11.4%	11.9%	19.2%	5.2%	11.3%	4.3%	0.0%	5.3%	2.1%	3.1%	7.8%	2.7%	1.8%	1.0%	0.0%	0.3%	0.0%	--	--
WIST5085	4,251	1	30	7	42	9	48	8	105	26	186	30	231	32	223	39	352	47	525	75	722	85	704	42	666	6	6	4
# Fail	78	0	2	1	1	0	0	0	5	3	6	3	11	3	5	0	5	2	11	2	4	3	5	1	5	0	0	0
% Fail	1.8%	0.0%	6.7%	14.3%	2.4%	0.0%	0.0%	0.0%	4.8%	11.5%	3.2%	10.0%	4.8%	9.4%	2.2%	0.0%	1.4%	4.3%	2.1%	2.7%	0.6%	3.5%	0.7%	2.4%	0.8%	0.0%	0.0%	0.0%
WIST5086	1,926	1	11	5	22	4	34	15	56	18	66	20	136	35	104	30	180	41	239	49	259	62	267	42	223	4	3	0
# Fail	44	0	0	0	2	0	4	2	1	0	4	1	10	5	2	2	4	1	2	0	2	1	1	0	0	0	0	0
% Fail	2.3%	0.0%	0.0%	0.0%	9.1%	0.0%	11.8%	13.3%	1.8%	0.0%	6.1%	5.0%	7.4%	14.3%	1.9%	6.7%	2.2%	2.4%	0.8%	0.0%	0.8%	1.6%	0.4%	0.0%	0.0%	0.0%	0.0%	--
WIST5088	818	1	10	6	19	7	27	12	35	19	63	15	70	28	46	8	56	12	82	19	91	28	93	7	61	3	0	0
# Fail	43	0	1	0	1	1	4	1	3	2	5	2	7	1	4	0	4	3	1	1	2	0	0	0	0	0	0	0
% Fail	5.3%	0.0%	10.0%	0.0%	5.3%	14.3%	14.8%	8.3%	8.6%	10.5%	7.9%	13.3%	10.0%	3.6%	8.7%	0.0%	7.1%	25.0%	1.2%	5.3%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--
WIST5089	2,001	2	10	5	16	2	22	12	43	16	76	25	112	33	105	24	170	54	223	51	296	71	323	21	282	5	1	1
# Fail	47	0	2	0	0	0	0	2	2	1	3	2	4	3	6	1	3	2	4	1	5	1	2	1	2	0	0	0
% Fail	2.3%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	16.7%	4.7%	6.3%	3.9%	8.0%	3.6%	9.1%	5.7%	4.2%	1.8%	3.7%	1.8%	2.0%	1.7%	1.4%	0.6%	4.8%	0.7%	0.0%	0.0%	0.0%
WIST5090	17,302	20	113	68	230	99	408	162	716	236	1,076	331	1,366	389	1,077	347	1,534	423	1,884	489	2,081	427	2,130	162	1,478	42	11	3
# Fail	661	5	7	11	18	12	42	19	48	14	65	34	78	30	76	18	54	12	53	10	28	5	12	3	6	1	0	0
% Fail	3.8%	25.0%	6.2%	16.2%	7.8%	12.1%	10.3%	11.7%	6.7%	5.9%	6.0%	10.3%	5.7%	7.7%	7.1%	5.2%	3.5%	2.8%	2.8%	2.0%	1.3%	1.2%	0.6%	1.9%	0.4%	2.4%	0.0%	0.0%
WIST5091	1,058	1	14	3	12	6	25	14	39	17	82	9	87	20	71	9	91	17	118	19	120	24	137	3	120	0	0	0
# Fail	38	0	0	0	0	1	2	0	2	2	7	0	10	3	0	0	6	0	3	0	0	0	2	0	0	0	0	0
% Fail	3.6%	0.0%	0.0%	0.0%	0.0%	16.7%	8.0%	0.0%	5.1%	11.8%	8.5%	0.0%	11.5%	15.0%	0.0%	0.0%	6.6%	0.0%	2.5%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	--	--	--
WIST5092	4,322	12	35	19	65	27	80	43	167	55	237	74	299	94	258	89	340	106	467	129	545	133	554	54	433	6	1	0
# Fail	155	2	3	1	3	2	11	3	11	7	15	5	13	7	9	4	14	10	14	5	8	1	6	0	1	0	0	0
% Fail	3.6%	16.7%	8.6%	5.3%	4.6%	7.4%	13.8%	7.0%	6.6%	12.7%	6.3%	6.8%	4.3%	7.4%	3.5%	4.5%	4.1%	9.4%	3.0%	3.9%	1.5%	0.8%	1.1%	0.0%	0.2%	0.0%	0.0%	--

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST5094	3,682	3	19	10	46	18	79	12	110	35	143	29	237	48	206	56	326	65	436	93	529	73	602	33	445	22	3	4
# Fail	95	0	1	0	2	0	7	3	4	4	9	1	8	1	6	2	12	4	8	0	11	0	9	0	3	0	0	0
% Fail	2.6%	0.0%	5.3%	0.0%	4.3%	0.0%	8.9%	25.0%	3.6%	11.4%	6.3%	3.4%	3.4%	2.1%	2.9%	3.6%	3.7%	6.2%	1.8%	0.0%	2.1%	0.0%	1.5%	0.0%	0.7%	0.0%	0.0%	0.0%
WIST5095	138	0	2	1	0	0	2	3	6	3	5	4	8	5	8	0	11	5	20	3	17	0	10	1	18	6	0	0
# Fail	6	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
% Fail	4.3%	--	50.0%	100%	--	--	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	--	18.2%	0.0%	0.0%	33.3%	0.0%	--	0.0%	0.0%	0.0%	0.0%	--	--
WIST5096	57	0	2	0	1	0	0	1	2	0	3	3	0	0	3	2	4	3	6	0	9	3	5	1	6	2	0	1
# Fail	4	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
% Fail	7.0%	--	0.0%	--	0.0%	--	--	0.0%	50.0%	--	33.3%	33.3%	--	--	0.0%	0.0%	0.0%	0.0%	0.0%	--	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	--	0.0%
WIST5097	105	0	0	0	1	0	2	0	3	2	4	4	6	3	3	0	6	1	10	8	11	6	14	3	14	4	0	0
# Fail	5	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
% Fail	4.8%	--	--	--	100%	--	0.0%	--	0.0%	0.0%	25.0%	25.0%	0.0%	33.3%	0.0%	--	0.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST5098	577	2	5	2	5	1	9	6	14	3	19	4	21	11	28	15	31	21	58	17	67	32	71	24	85	25	1	0
# Fail	16	0	0	1	1	0	1	0	2	0	2	0	1	1	0	0	0	0	4	1	0	0	2	0	0	0	0	0
% Fail	2.8%	0.0%	0.0%	50.0%	20.0%	0.0%	11.1%	0.0%	14.3%	0.0%	10.5%	0.0%	4.8%	9.1%	0.0%	0.0%	0.0%	0.0%	6.9%	5.9%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%	0.0%	--
WIST5099	27	0	0	0	0	0	0	0	0	0	0	0	3	1	0	3	2	2	3	3	2	1	6	0	0	1	0	0
# Fail	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	1	0	0	0	0	1	0	0	0	0	0
% Fail	22.2%	--	--	--	--	--	--	--	--	--	--	--	0.0%	100%	--	66.7%	50.0%	50.0%	0.0%	0.0%	0.0%	0.0%	16.7%	--	--	0.0%	--	--
WIST5100	705	1	5	3	6	6	14	10	26	5	31	7	24	18	30	19	64	21	80	24	91	26	99	17	72	5	1	0
# Fail	26	1	0	2	1	1	2	1	1	1	1	1	2	1	2	1	2	1	2	2	0	0	1	0	0	0	0	0
% Fail	3.7%	100%	0.0%	66.7%	16.7%	16.7%	14.3%	10.0%	3.8%	20.0%	3.2%	14.3%	8.3%	5.6%	6.7%	5.3%	3.1%	4.8%	2.5%	8.3%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	--
WIST6001	5,327	11	51	18	105	47	151	64	284	81	371	116	435	116	342	97	458	115	514	128	626	119	623	34	408	7	5	1
# Fail	306	2	5	2	12	6	11	8	28	19	34	14	48	13	25	12	17	9	16	4	8	4	7	0	2	0	0	0
% Fail	5.7%	18.2%	9.8%	11.1%	11.4%	12.8%	7.3%	12.5%	9.9%	23.5%	9.2%	12.1%	11.0%	11.2%	7.3%	12.4%	3.7%	7.8%	3.1%	3.1%	1.3%	3.4%	1.1%	0.0%	0.5%	0.0%	0.0%	0.0%
WIST6004	7,192	2	27	11	68	14	110	34	206	39	348	58	441	80	360	96	604	117	839	144	1,122	180	1,203	78	970	41	0	0
# Fail	123	0	1	1	0	0	9	1	13	3	14	2	13	2	11	1	10	2	15	1	11	1	8	0	4	0	0	0
% Fail	1.7%	0.0%	3.7%	9.1%	0.0%	0.0%	8.2%	2.9%	6.3%	7.7%	4.0%	3.4%	2.9%	2.5%	3.1%	1.0%	1.7%	1.7%	1.8%	0.7%	1.0%	0.6%	0.7%	0.0%	0.4%	0.0%	--	--
WIST6007	574	2	6	2	11	1	15	5	32	11	42	10	51	13	37	6	38	9	65	15	64	14	71	2	51	1	0	0
# Fail	7	0	0	1	0	0	1	0	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
% Fail	1.2%	0.0%	0.0%	50.0%	0.0%	0.0%	6.7%	0.0%	6.3%	0.0%	0.0%	0.0%	2.0%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	--	--
WIST6013	2,584	0	6	1	23	5	29	7	58	10	91	21	161	17	164	25	216	25	308	42	436	47	468	22	398	2	2	0
# Fail	60	0	0	1	1	2	1	0	2	2	4	1	12	2	4	3	7	3	5	0	3	0	6	1	0	0	0	0
% Fail	2.3%	--	0.0%	100%	4.3%	40.0%	3.4%	0.0%	3.4%	20.0%	4.4%	4.8%	7.5%	11.8%	2.4%	12.0%	3.2%	12.0%	1.6%	0.0%	0.7%	0.0%	1.3%	4.5%	0.0%	0.0%	0.0%	--
WIST6018	5,753	8	52	15	74	35	129	64	211	73	304	95	397	111	336	117	413	139	588	162	718	169	797	66	655	23	2	0
# Fail	253	0	4	1	11	2	18	5	25	6	26	6	35	13	19	11	18	8	15	5	5	2	15	0	3	0	0	0
% Fail	4.4%	0.0%	7.7%	6.7%	14.9%	5.7%	14.0%	7.8%	11.8%	8.2%	8.6%	6.3%	8.8%	11.7%	5.7%	9.4%	4.4%	5.8%	2.6%	3.1%	0.7%	1.2%	1.9%	0.0%	0.5%	0.0%	0.0%	--
WIST6021	3,867	2	20	5	44	5	60	16	109	17	158	31	250	37	172	55	294	68	478	90	600	100	653	44	538	19	2	0
# Fail	50	0	1	0	2	0	2	0	4	0	8	1	4	0	5	1	6	1	4	0	5	0	4	0	2	0	0	0
% Fail	1.3%	0.0%	5.0%	0.0%	4.5%	0.0%	3.3%	0.0%	3.7%	0.0%	5.1%	3.2%	1.6%	0.0%	2.9%	1.8%	2.0%	1.5%	0.8%	0.0%	0.8%	0.0%	0.6%	0.0%	0.4%	0.0%	0.0%	--
WIST6022	5,877	3	26	9	61	17	91	32	136	44	235	68	361	69	312	53	487	122	721	136	898	145	932	69	806	39	4	1
# Fail	111	1	0	2	6	2	6	1	11	3	9	2	11	2	5	0	13	3	12	1	6	2	9	0	4	0	0	0
% Fail	1.9%	33.3%	0.0%	22.2%	9.8%	11.8%	6.6%	3.1%	8.1%	6.8%	3.8%	2.9%	3.0%	2.9%	1.6%	0.0%	2.7%	2.5%	1.7%	0.7%	0.7%	1.4%	1.0%	0.0%	0.5%	0.0%	0.0%	0.0%
WIST6026	2,378	3	17	7	18	6	37	10	67	24	98	22	140	40	108	29	168	52	278	45	329	65	422	35	349	6	3	0
# Fail	45	0	1	0	1	0	7	1	2	0	3	0	6	1	3	0	3	0	7	0	4	0	5	0	1	0	0	0
% Fail	1.9%	0.0%	5.9%	0.0%	5.6%	0.0%	18.9%	10.0%	3.0%	0.0%	3.1%	0.0%	4.3%	2.5%	2.8%	0.0%	1.8%	0.0%	2.5%	0.0%	1.2%	0.0%	1.2%	0.0%	0.3%	0.0%	0.0%	--

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST6031	4,591	2	33	7	57	22	74	29	142	22	233	35	319	61	251	49	440	69	575	76	679	101	690	34	586	2	2	1
# Fail	94	0	1	2	3	1	9	3	9	0	7	4	9	0	7	3	10	2	9	3	6	0	5	1	0	0	0	0
% Fail	2.0%	0.0%	3.0%	28.6%	5.3%	4.5%	12.2%	10.3%	6.3%	0.0%	3.0%	11.4%	2.8%	0.0%	2.8%	6.1%	2.3%	2.9%	1.6%	3.9%	0.9%	0.0%	0.7%	2.9%	0.0%	0.0%	0.0%	0.0%
WIST6033	1,092	0	2	2	6	2	21	2	23	4	46	8	52	10	47	10	78	20	125	26	166	33	190	14	192	11	2	0
# Fail	11	0	0	0	1	0	1	1	0	1	3	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0
% Fail	1.0%	--	0.0%	0.0%	16.7%	0.0%	4.8%	50.0%	0.0%	25.0%	6.5%	0.0%	1.9%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	--
WIST6035	3,575	4	19	5	36	15	59	34	102	38	181	66	244	94	217	68	297	91	407	94	438	127	485	52	384	18	0	0
# Fail	156	0	2	3	1	2	12	6	9	9	16	7	20	11	9	1	6	6	17	4	4	6	4	0	1	0	0	0
% Fail	4.4%	0.0%	10.5%	60.0%	2.8%	13.3%	20.3%	17.6%	8.8%	23.7%	8.8%	10.6%	8.2%	11.7%	4.1%	1.5%	2.0%	6.6%	4.2%	4.3%	0.9%	4.7%	0.8%	0.0%	0.3%	0.0%	--	--
WIST6037	4,713	3	26	16	80	30	112	65	180	81	268	92	354	122	287	100	422	126	446	142	582	109	592	39	420	14	3	2
# Fail	255	1	5	2	7	4	14	7	21	9	18	13	30	9	26	12	25	11	21	2	11	1	4	0	2	0	0	0
% Fail	5.4%	33.3%	19.2%	12.5%	8.8%	13.3%	12.5%	10.8%	11.7%	11.1%	6.7%	14.1%	8.5%	7.4%	9.1%	12.0%	5.9%	8.7%	4.7%	1.4%	1.9%	0.9%	0.7%	0.0%	0.5%	0.0%	0.0%	0.0%
WIST6039	3,610	2	11	0	18	7	31	7	74	31	124	21	156	35	202	49	282	78	429	83	603	108	614	47	574	23	1	0
# Fail	84	0	1	0	1	0	4	1	7	1	6	1	10	2	7	1	9	2	12	1	10	0	4	2	2	0	0	0
% Fail	2.3%	0.0%	9.1%	--	5.6%	0.0%	12.9%	14.3%	9.5%	3.2%	4.8%	4.8%	6.4%	5.7%	3.5%	2.0%	3.2%	2.6%	2.8%	1.2%	1.7%	0.0%	0.7%	4.3%	0.3%	0.0%	0.0%	--
WIST6042	4,172	8	26	11	51	24	92	32	137	62	245	69	309	73	280	66	346	101	463	107	508	113	536	37	457	14	4	1
# Fail	135	0	3	1	5	1	14	2	11	5	16	2	13	1	13	3	16	4	8	2	10	0	4	0	1	0	0	0
% Fail	3.2%	0.0%	11.5%	9.1%	9.8%	4.2%	15.2%	6.3%	8.0%	8.1%	6.5%	2.9%	4.2%	1.4%	4.6%	4.5%	4.6%	4.0%	1.7%	1.9%	2.0%	0.0%	0.7%	0.0%	0.2%	0.0%	0.0%	0.0%
WIST6043	3,860	8	26	10	72	33	121	50	194	92	243	118	348	139	292	110	353	132	334	105	351	120	335	32	235	6	1	0
# Fail	284	2	4	1	12	6	20	9	25	17	35	16	32	12	27	5	15	7	11	4	9	2	9	1	3	0	0	0
% Fail	7.4%	25.0%	15.4%	10.0%	16.7%	18.2%	16.5%	18.0%	12.9%	18.5%	14.4%	13.6%	9.2%	8.6%	9.2%	4.5%	4.2%	5.3%	3.3%	3.8%	2.6%	1.7%	2.7%	3.1%	1.3%	0.0%	0.0%	--
WIST6044	4,647	5	39	17	70	33	133	47	209	80	294	94	366	113	309	100	404	116	490	141	517	126	533	52	345	13	0	1
# Fail	174	1	1	2	4	2	17	7	20	8	16	8	23	5	12	3	9	2	15	2	6	3	5	1	2	0	0	0
% Fail	3.7%	20.0%	2.6%	11.8%	5.7%	6.1%	12.8%	14.9%	9.6%	10.0%	5.4%	8.5%	6.3%	4.4%	3.9%	3.0%	2.2%	1.7%	3.1%	1.4%	1.2%	2.4%	0.9%	1.9%	0.6%	0.0%	--	0.0%
WIST6055	1,266	1	8	1	10	5	28	5	32	6	44	19	78	22	68	16	97	18	156	33	180	31	199	21	180	7	0	1
# Fail	21	0	0	0	1	0	2	0	3	0	1	0	3	3	2	0	3	1	1	0	1	0	0	0	0	0	0	0
% Fail	1.7%	0.0%	0.0%	0.0%	10.0%	0.0%	7.1%	0.0%	9.4%	0.0%	2.3%	0.0%	3.8%	13.6%	2.9%	0.0%	3.1%	5.6%	0.6%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	--	0.0%
WIST6058	3,462	2	17	7	36	11	46	27	93	40	150	62	228	68	198	76	277	93	435	105	493	117	459	36	383	2	1	0
# Fail	119	0	2	1	2	0	6	7	12	2	7	8	15	9	7	4	10	2	10	2	8	2	3	0	0	0	0	0
% Fail	3.4%	0.0%	11.8%	14.3%	5.6%	0.0%	13.0%	25.9%	12.9%	5.0%	4.7%	12.9%	6.6%	13.2%	3.5%	5.3%	3.6%	2.2%	2.3%	1.9%	1.6%	1.7%	0.7%	0.0%	0.0%	0.0%	0.0%	--
WIST6059	2,611	0	18	3	17	14	37	23	68	32	147	35	181	50	165	56	210	65	315	63	367	74	379	31	251	4	4	2
# Fail	97	0	2	0	1	2	6	1	4	6	15	2	7	3	7	2	7	5	8	2	8	2	6	0	0	1	0	0
% Fail	3.7%	--	11.1%	0.0%	5.9%	14.3%	16.2%	4.3%	5.9%	18.8%	10.2%	5.7%	3.9%	6.0%	4.2%	3.6%	3.3%	7.7%	2.5%	3.2%	2.2%	2.7%	1.6%	0.0%	0.0%	25.0%	0.0%	0.0%
WIST6060	1,538	3	5	3	12	2	21	5	34	11	78	14	87	10	87	14	128	21	163	17	233	27	235	23	285	16	4	0
# Fail	34	0	0	1	0	0	2	1	5	2	4	1	4	2	1	0	3	0	4	0	1	0	3	0	0	0	0	0
% Fail	2.2%	0.0%	0.0%	33.3%	0.0%	0.0%	9.5%	20.0%	14.7%	18.2%	5.1%	7.1%	4.6%	20.0%	1.1%	0.0%	2.3%	0.0%	2.5%	0.0%	0.4%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	--
WIST6061	802	0	5	1	9	3	25	4	26	7	39	8	54	13	65	9	72	22	91	16	108	17	115	8	78	7	0	0
# Fail	29	0	0	0	1	1	1	0	1	0	3	2	2	1	2	1	3	2	5	0	3	0	1	0	0	0	0	0
% Fail	3.6%	--	0.0%	0.0%	11.1%	33.3%	4.0%	0.0%	3.8%	0.0%	7.7%	25.0%	3.7%	7.7%	3.1%	11.1%	4.2%	9.1%	5.5%	0.0%	2.8%	0.0%	0.9%	0.0%	0.0%	0.0%	--	--
WIST6062	275	1	2	0	3	3	8	2	14	2	24	4	19	4	15	3	25	1	27	10	32	5	37	2	30	2	0	0
# Fail	10	0	0	0	1	0	1	0	0	1	0	1	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0
% Fail	3.6%	0.0%	0.0%	--	33.3%	0.0%	12.5%	0.0%	0.0%	50.0%	0.0%	25.0%	5.3%	0.0%	26.7%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST6063	423	0	1	0	10	1	13	3	16	4	21	5	28	6	27	4	30	16	51	11	56	17	45	2	51	5	0	0
# Fail	9	0	0	0	0	0	0	0	1	0	1	1	2	0	0	0	0	1	1	0	0	0	1	0	1	0	0	0
% Fail	2.1%	--	0.0%	--	0.0%	0.0%	0.0%	0.0%	6.3%	0.0%	4.8%	20.0%	7.1%	0.0%	0.0%	0.0%	0.0%	6.3%	2.0%	0.0%	0.0%	0.0%	2.2%	0.0%	2.0%	0.0%	--	--

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST6064	270	0	2	1	4	1	2	3	9	5	13	8	19	11	17	9	20	12	26	6	34	7	39	6	14	1	1	0
# Fail	18	0	1	1	1	0	1	1	0	0	0	3	2	1	1	0	0	1	1	0	1	0	2	1	0	0	0	0
% Fail	6.7%	--	50.0%	100%	25.0%	0.0%	50.0%	33.3%	0.0%	0.0%	0.0%	37.5%	10.5%	9.1%	5.9%	0.0%	0.0%	8.3%	3.8%	0.0%	2.9%	0.0%	5.1%	16.7%	0.0%	0.0%	0.0%	--
WIST6065	1,423	3	9	2	20	6	38	7	56	14	97	23	115	32	83	30	153	22	157	21	172	29	180	10	135	8	1	0
# Fail	45	1	1	1	0	1	3	4	1	2	4	2	4	2	3	0	3	0	4	1	5	0	2	0	0	1	0	0
% Fail	3.2%	33.3%	11.1%	50.0%	0.0%	16.7%	7.9%	57.1%	1.8%	14.3%	4.1%	8.7%	3.5%	6.3%	3.6%	0.0%	2.0%	0.0%	2.5%	4.8%	2.9%	0.0%	1.1%	0.0%	0.0%	12.5%	0.0%	--
WIST6066	903	1	4	3	16	10	13	13	44	7	49	18	72	17	71	12	79	16	95	17	100	36	120	8	72	8	2	0
# Fail	38	1	0	1	1	1	1	0	4	0	2	0	7	3	3	0	6	0	1	0	2	0	3	0	2	0	0	0
% Fail	4.2%	100%	0.0%	33.3%	6.3%	10.0%	7.7%	0.0%	9.1%	0.0%	4.1%	0.0%	9.7%	17.6%	4.2%	0.0%	7.6%	0.0%	1.1%	0.0%	2.0%	0.0%	2.5%	0.0%	2.8%	0.0%	0.0%	--
WIST6067	650	1	7	0	6	5	5	6	16	1	30	6	33	8	26	9	55	17	76	27	89	16	89	11	104	7	0	0
# Fail	15	0	2	0	0	0	0	1	0	1	2	1	0	0	2	0	1	0	1	1	3	0	0	0	0	0	0	0
% Fail	2.3%	0.0%	28.6%	--	0.0%	0.0%	0.0%	16.7%	0.0%	100%	6.7%	16.7%	0.0%	0.0%	7.7%	0.0%	1.8%	0.0%	1.3%	3.7%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST6070	70	0	0	0	0	0	0	1	1	0	2	1	3	2	2	1	6	2	6	3	9	5	8	6	6	6	0	0
# Fail	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
% Fail	4.3%	--	--	--	--	--	--	0.0%	0.0%	--	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	16.7%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST6071	114	2	0	1	2	0	4	4	6	4	6	3	8	5	12	2	7	6	9	2	10	3	4	1	11	2	0	0
# Fail	11	0	0	0	0	0	0	0	3	1	0	1	1	0	1	1	0	2	1	0	0	0	0	0	0	0	0	0
% Fail	9.6%	0.0%	--	0.0%	0.0%	--	0.0%	0.0%	50.0%	25.0%	0.0%	33.3%	12.5%	0.0%	8.3%	50.0%	0.0%	33.3%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST7004	1,140	2	10	2	20	6	17	16	46	12	70	26	86	25	69	19	96	19	127	25	159	30	147	14	96	1	0	0
# Fail	47	0	0	0	3	0	4	1	4	0	5	3	3	5	1	2	2	1	2	2	5	2	2	0	0	0	0	0
% Fail	4.1%	0.0%	0.0%	0.0%	15.0%	0.0%	23.5%	6.3%	8.7%	0.0%	7.1%	11.5%	3.5%	20.0%	1.4%	10.5%	2.1%	5.3%	1.6%	8.0%	3.1%	6.7%	1.4%	0.0%	0.0%	0.0%	--	--
WIST7006	1,117	2	7	2	7	1	33	7	37	12	42	3	47	9	40	10	67	17	129	33	162	27	216	23	174	9	1	0
# Fail	32	0	0	0	0	0	4	0	5	1	3	0	2	0	2	0	4	2	2	2	2	0	0	1	2	0	0	0
% Fail	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	12.1%	0.0%	13.5%	8.3%	7.1%	0.0%	4.3%	0.0%	5.0%	0.0%	6.0%	11.8%	1.6%	6.1%	1.2%	0.0%	0.0%	4.3%	1.1%	0.0%	0.0%	--
WIST7009	2,364	2	4	4	17	7	36	17	71	24	97	40	149	46	117	47	204	44	234	75	283	83	383	41	323	11	3	2
# Fail	72	2	0	0	1	2	5	1	6	3	5	3	8	2	8	1	6	2	6	3	3	1	1	1	2	0	0	0
% Fail	3.0%	100%	0.0%	0.0%	5.9%	28.6%	13.9%	5.9%	8.5%	12.5%	5.2%	7.5%	5.4%	4.3%	6.8%	2.1%	2.9%	4.5%	2.6%	4.0%	1.1%	1.2%	0.3%	2.4%	0.6%	0.0%	0.0%	0.0%
WIST7011	5,703	7	44	19	98	33	138	52	221	66	327	66	370	97	280	79	452	118	605	142	774	163	859	64	601	23	5	0
# Fail	191	0	1	2	7	2	11	5	20	4	18	10	23	2	13	5	18	7	16	3	15	0	9	0	0	0	0	0
% Fail	3.3%	0.0%	2.3%	10.5%	7.1%	6.1%	8.0%	9.6%	9.0%	6.1%	5.5%	15.2%	6.2%	2.1%	4.6%	6.3%	4.0%	5.9%	2.6%	2.1%	1.9%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	--
WIST7014	15,220	17	79	38	182	67	309	106	527	172	803	186	999	259	927	236	1,275	350	1,742	409	2,007	411	2,171	165	1,707	62	10	4
# Fail	449	2	8	2	15	1	29	13	41	23	44	13	48	16	25	12	40	18	36	8	31	6	13	1	4	0	0	0
% Fail	3.0%	11.8%	10.1%	5.3%	8.2%	1.5%	9.4%	12.3%	7.8%	13.4%	5.5%	7.0%	4.8%	6.2%	2.7%	5.1%	3.1%	5.1%	2.1%	2.0%	1.5%	1.5%	0.6%	0.6%	0.2%	0.0%	0.0%	0.0%
WIST7016	14,232	9	58	16	110	30	179	63	346	104	579	106	770	213	747	174	1,085	249	1,645	313	2,162	402	2,414	222	2,117	95	19	5
# Fail	254	1	3	0	9	1	6	6	21	8	26	2	23	13	15	6	22	6	23	10	26	6	16	1	4	0	0	0
% Fail	1.8%	11.1%	5.2%	0.0%	8.2%	3.3%	3.4%	9.5%	6.1%	7.7%	4.5%	1.9%	3.0%	6.1%	2.0%	3.4%	2.0%	2.4%	1.4%	3.2%	1.2%	1.5%	0.7%	0.5%	0.2%	0.0%	0.0%	0.0%
WIST7020	756	0	8	2	11	1	25	3	29	3	33	8	43	5	40	6	65	11	101	19	93	17	114	5	112	2	0	0
# Fail	17	0	0	0	0	0	2	0	5	0	2	0	2	1	1	0	0	0	2	1	1	0	0	0	0	0	0	0
% Fail	2.2%	--	0.0%	0.0%	0.0%	0.0%	8.0%	0.0%	17.2%	0.0%	6.1%	0.0%	4.7%	20.0%	2.5%	0.0%	0.0%	0.0%	2.0%	5.3%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
WIST7022	4,563	8	24	10	49	8	83	25	147	26	232	61	326	56	268	46	362	92	487	97	685	104	687	63	594	20	2	1
# Fail	71	1	2	3	4	0	5	3	4	1	11	4	4	1	8	1	5	0	4	2	5	0	2	0	1	0	0	0
% Fail	1.6%	12.5%	8.3%	30.0%	8.2%	0.0%	6.0%	12.0%	2.7%	3.8%	4.7%	6.6%	1.2%	1.8%	3.0%	2.2%	1.4%	0.0%	0.8%	2.1%	0.7%	0.0%	0.3%	0.0%	0.2%	0.0%	0.0%	0.0%
WIST7033	15,004	27	139	33	198	83	335	146	563	199	848	239	1,097	327	854	259	1,272	321	1,658	390	1,963	359	1,984	158	1,480	54	12	6
# Fail	569	4	14	1	21	14	24	11	57	18	73	27	71	26	40	12	47	10	37	8	31	3	16	1	3	0	0	0
% Fail	3.8%	14.8%	10.1%	3.0%	10.6%	16.9%	7.2%	7.5%	10.1%	9.0%	8.6%	11.3%	6.5%	8.0%	4.7%	4.6%	3.7%	3.1%	2.2%	2.1%	1.6%	0.8%	0.8%	0.6%	0.2%	0.0%	0.0%	0.0%

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST7036	9,334	23	68	32	150	64	233	97	392	162	562	189	720	205	537	172	754	204	957	260	1,151	237	1,167	83	885	20	7	3
# Fail	444	4	6	5	15	10	30	8	45	20	60	10	48	21	32	11	36	6	17	7	20	3	24	1	5	0	0	0
% Fail	4.8%	17.4%	8.8%	15.6%	10.0%	15.6%	12.9%	8.2%	11.5%	12.3%	10.7%	5.3%	6.7%	10.2%	6.0%	6.4%	4.8%	2.9%	1.8%	2.7%	1.7%	1.3%	2.1%	1.2%	0.6%	0.0%	0.0%	0.0%
WIST7039	2,774	3	12	7	40	7	49	14	75	15	125	29	160	41	154	23	250	30	331	52	424	70	420	41	388	13	1	0
# Fail	35	0	0	0	1	0	1	0	1	0	5	3	5	2	2	0	0	0	7	0	4	1	1	0	2	0	0	0
% Fail	1.3%	0.0%	0.0%	0.0%	2.5%	0.0%	2.0%	0.0%	1.3%	0.0%	4.0%	10.3%	3.1%	4.9%	1.3%	0.0%	0.0%	0.0%	2.1%	0.0%	0.9%	1.4%	0.2%	0.0%	0.5%	0.0%	0.0%	--
WIST7049	3,516	2	10	7	27	13	46	9	121	22	165	34	206	41	169	40	280	53	378	71	527	80	638	49	503	20	4	1
# Fail	58	0	0	0	1	1	2	0	5	5	4	2	11	3	3	1	6	1	4	1	2	1	3	0	2	0	0	0
% Fail	1.6%	0.0%	0.0%	0.0%	3.7%	7.7%	4.3%	0.0%	4.1%	22.7%	2.4%	5.9%	5.3%	7.3%	1.8%	2.5%	2.1%	1.9%	1.1%	1.4%	0.4%	1.3%	0.5%	0.0%	0.4%	0.0%	0.0%	0.0%
WIST7053	2,877	6	27	8	54	14	68	27	114	37	144	33	198	52	153	35	238	62	290	70	408	83	382	49	313	9	3	0
# Fail	74	0	1	1	2	0	2	2	6	2	8	3	8	1	4	2	6	1	5	4	7	1	8	0	0	0	0	0
% Fail	2.6%	0.0%	3.7%	12.5%	3.7%	0.0%	2.9%	7.4%	5.3%	5.4%	5.6%	9.1%	4.0%	1.9%	2.6%	5.7%	2.5%	1.6%	1.7%	5.7%	1.7%	1.2%	2.1%	0.0%	0.0%	0.0%	0.0%	--
WIST7055	12,737	14	89	40	186	71	267	98	473	169	738	211	935	265	807	265	1,111	312	1,415	333	1,604	348	1,610	117	1,209	42	7	1
# Fail	396	0	10	5	12	8	22	10	31	15	46	19	43	13	27	12	35	14	27	8	15	4	13	1	6	0	0	0
% Fail	3.1%	0.0%	11.2%	12.5%	6.5%	11.3%	8.2%	10.2%	6.6%	8.9%	6.2%	9.0%	4.6%	4.9%	3.3%	4.5%	3.2%	4.5%	1.9%	2.4%	0.9%	1.1%	0.8%	0.9%	0.5%	0.0%	0.0%	0.0%
WIST7056	2,063	1	16	6	25	8	43	12	76	18	131	31	169	27	124	39	206	35	229	39	245	39	276	27	233	8	0	0
# Fail	60	0	2	0	1	0	0	1	8	3	2	6	10	2	4	1	5	1	7	0	3	0	4	0	0	0	0	0
% Fail	2.9%	0.0%	12.5%	0.0%	4.0%	0.0%	0.0%	8.3%	10.5%	16.7%	1.5%	19.4%	5.9%	7.4%	3.2%	2.6%	2.4%	2.9%	3.1%	0.0%	1.2%	0.0%	1.4%	0.0%	0.0%	0.0%	--	--
WIST7061	1,501	2	18	4	28	6	43	16	58	12	78	18	99	20	79	17	98	28	179	37	212	28	212	11	189	8	0	1
# Fail	48	0	0	0	3	0	3	1	2	0	3	1	9	2	7	0	4	0	6	1	5	0	0	0	1	0	0	0
% Fail	3.2%	0.0%	0.0%	0.0%	10.7%	0.0%	7.0%	6.3%	3.4%	0.0%	3.8%	5.6%	9.1%	10.0%	8.9%	0.0%	4.1%	0.0%	3.4%	2.7%	2.4%	0.0%	0.0%	0.0%	0.5%	0.0%	--	0.0%
WIST7068	1,556	0	9	3	22	9	33	3	33	18	52	20	94	22	81	29	134	21	189	39	208	49	285	25	177	1	0	0
# Fail	21	0	0	1	0	1	0	0	0	0	1	1	2	0	6	1	1	1	1	1	2	0	2	0	0	0	0	0
% Fail	1.3%	--	0.0%	33.3%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	1.9%	5.0%	2.1%	0.0%	7.4%	3.4%	0.7%	4.8%	0.5%	2.6%	1.0%	0.0%	0.7%	0.0%	0.0%	0.0%	--	--
WIST7070	5,941	2	42	8	45	16	99	36	150	45	250	45	370	83	314	77	531	108	712	100	849	154	982	70	812	33	6	2
# Fail	127	0	3	0	2	0	10	1	11	2	12	1	17	5	10	3	13	2	10	3	8	2	7	2	3	0	0	0
% Fail	2.1%	0.0%	7.1%	0.0%	4.4%	0.0%	10.1%	2.8%	7.3%	4.4%	4.8%	2.2%	4.6%	6.0%	3.2%	3.9%	2.4%	1.9%	1.4%	3.0%	0.9%	1.3%	0.7%	2.9%	0.4%	0.0%	0.0%	0.0%
WIST7073	4,637	5	40	16	71	21	77	45	171	61	282	68	270	98	244	69	366	103	472	134	593	128	693	65	518	26	1	0
# Fail	176	1	4	1	10	2	9	4	13	7	24	4	15	8	11	5	11	4	13	4	17	0	8	0	1	0	0	0
% Fail	3.8%	20.0%	10.0%	6.3%	14.1%	9.5%	11.7%	8.9%	7.6%	11.5%	8.5%	5.9%	5.6%	8.2%	4.5%	7.2%	3.0%	3.9%	2.8%	3.0%	2.9%	0.0%	1.2%	0.0%	0.2%	0.0%	0.0%	--
WIST7075	3,664	4	26	7	59	17	71	29	128	30	211	44	234	56	245	46	308	66	400	88	461	85	513	30	490	15	0	1
# Fail	71	0	0	0	1	2	3	3	1	1	9	1	11	2	9	1	6	1	10	1	6	0	3	0	0	0	0	0
% Fail	1.9%	0.0%	0.0%	0.0%	1.7%	11.8%	4.2%	10.3%	0.8%	3.3%	4.3%	2.3%	4.7%	3.6%	3.7%	2.2%	1.9%	1.5%	2.5%	1.1%	1.3%	0.0%	0.6%	0.0%	0.0%	0.0%	--	0.0%
WIST7076	12,788	7	53	17	105	39	194	62	374	106	571	142	741	177	728	180	1,108	233	1,444	292	1,797	315	2,141	118	1,773	54	14	2
# Fail	301	0	4	1	6	0	8	6	23	8	29	9	35	6	27	7	28	9	32	10	24	4	19	0	6	0	0	0
% Fail	2.4%	0.0%	7.5%	5.9%	5.7%	0.0%	4.1%	9.7%	6.1%	7.5%	5.1%	6.3%	4.7%	3.4%	3.7%	3.9%	2.5%	3.9%	2.2%	3.4%	1.3%	1.3%	0.9%	0.0%	0.3%	0.0%	0.0%	0.0%
WIST7081	7,496	10	51	26	101	35	152	67	311	96	380	150	630	145	467	149	624	195	795	214	956	215	911	79	701	31	5	0
# Fail	320	2	2	2	12	3	21	9	38	5	33	14	40	12	26	9	23	8	14	7	19	2	12	1	5	1	0	0
% Fail	4.3%	20.0%	3.9%	7.7%	11.9%	8.6%	13.8%	13.4%	12.2%	5.2%	8.7%	9.3%	6.3%	8.3%	5.6%	6.0%	3.7%	4.1%	1.8%	3.3%	2.0%	0.9%	1.3%	1.3%	0.7%	3.2%	0.0%	--
WIST7088	3,052	6	24	6	32	12	59	28	102	30	149	49	213	51	148	55	218	59	314	88	442	85	488	46	335	11	2	0
# Fail	111	0	1	1	1	0	9	8	2	4	14	2	14	4	6	3	10	1	15	2	5	1	4	3	1	0	0	0
% Fail	3.6%	0.0%	4.2%	16.7%	3.1%	0.0%	15.3%	28.6%	2.0%	13.3%	9.4%	4.1%	6.6%	7.8%	4.1%	5.5%	4.6%	1.7%	4.8%	2.3%	1.1%	1.2%	0.8%	6.5%	0.3%	0.0%	0.0%	--
WIST7092	2,897	1	14	3	30	8	46	9	88	29	120	32	186	44	138	39	232	37	362	67	471	73	438	36	373	19	2	0
# Fail	73	0	0	0	1	0	3	0	9	5	8	1	9	3	6	2	4	1	7	1	9	0	3	0	1	0	0	0
% Fail	2.5%	0.0%	0.0%	0.0%	3.3%	0.0%	6.5%	0.0%	10.2%	17.2%	6.7%	3.1%	4.8%	6.8%	4.3%	5.1%	1.7%	2.7%	1.9%	1.5%	1.9%	0.0%	0.7%	0.0%	0.3%	0.0%	0.0%	--

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST7093	9,018	6	36	13	96	28	122	65	251	66	387	93	578	123	539	119	779	183	1,145	193	1,308	245	1,399	92	1,110	33	9	0
# Fail	353	2	1	5	13	2	13	14	26	8	19	10	38	15	26	11	21	9	33	11	28	18	19	6	4	1	0	0
% Fail	3.9%	33.3%	2.8%	38.5%	13.5%	7.1%	10.7%	21.5%	10.4%	12.1%	4.9%	10.8%	6.6%	12.2%	4.8%	9.2%	2.7%	4.9%	2.9%	5.7%	2.1%	7.3%	1.4%	6.5%	0.4%	3.0%	0.0%	--
WIST7094	8,084	5	44	7	77	13	125	37	234	51	353	77	472	116	453	76	721	123	959	140	1,202	156	1,341	67	1,182	49	4	0
# Fail	137	0	2	1	2	1	8	2	7	2	14	0	19	7	12	1	11	2	16	1	13	2	10	0	4	0	0	0
% Fail	1.7%	0.0%	4.5%	14.3%	2.6%	7.7%	6.4%	5.4%	3.0%	3.9%	4.0%	0.0%	4.0%	6.0%	2.6%	1.3%	1.5%	1.6%	1.7%	0.7%	1.1%	1.3%	0.7%	0.0%	0.3%	0.0%	0.0%	--
WIST7095	9,350	6	36	14	77	26	132	45	259	57	416	71	578	95	557	112	771	155	1,162	179	1,412	214	1,485	96	1,333	55	5	2
# Fail	140	0	1	1	6	1	6	0	7	2	11	1	18	5	12	2	18	4	15	3	9	5	10	1	2	0	0	0
% Fail	1.5%	0.0%	2.8%	7.1%	7.8%	3.8%	4.5%	0.0%	2.7%	3.5%	2.6%	1.4%	3.1%	5.3%	2.2%	1.8%	2.3%	2.6%	1.3%	1.7%	0.6%	2.3%	0.7%	1.0%	0.2%	0.0%	0.0%	0.0%
WIST7098	1,653	3	6	1	12	4	28	7	50	15	66	17	109	16	97	18	135	31	197	26	282	39	260	22	201	9	1	1
# Fail	56	0	1	0	2	2	5	3	5	4	3	1	8	1	7	0	2	0	4	0	5	1	0	1	1	0	0	0
% Fail	3.4%	0.0%	16.7%	0.0%	16.7%	50.0%	17.9%	42.9%	10.0%	26.7%	4.5%	5.9%	7.3%	6.3%	7.2%	0.0%	1.5%	0.0%	2.0%	0.0%	1.8%	2.6%	0.0%	4.5%	0.5%	0.0%	0.0%	0.0%
WIST7103	2,457	3	14	1	19	5	37	13	72	22	103	30	159	30	126	23	199	35	275	41	350	57	443	17	364	17	1	1
# Fail	52	0	1	0	1	1	6	1	4	1	5	1	8	0	1	0	6	0	7	2	4	0	3	0	0	0	0	0
% Fail	2.1%	0.0%	7.1%	0.0%	5.3%	20.0%	16.2%	7.7%	5.6%	4.5%	4.9%	3.3%	5.0%	0.0%	0.8%	0.0%	3.0%	0.0%	2.5%	4.9%	1.1%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%
WIST7106	1,814	3	2	1	12	2	29	4	46	11	80	10	130	25	131	23	171	26	220	43	244	32	288	14	260	4	2	1
# Fail	19	0	0	0	1	0	1	1	2	0	1	0	4	0	2	1	2	0	1	0	1	0	2	0	0	0	0	0
% Fail	1.0%	0.0%	0.0%	0.0%	8.3%	0.0%	3.4%	25.0%	4.3%	0.0%	1.3%	0.0%	3.1%	0.0%	1.5%	4.3%	1.2%	0.0%	0.5%	0.0%	0.4%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%
WIST7115	1,487	1	10	2	21	9	40	4	57	10	84	16	110	24	85	22	116	36	163	29	177	21	204	19	205	11	3	8
# Fail	32	0	0	0	1	2	3	0	5	1	5	1	4	1	2	0	1	0	2	0	2	0	1	0	1	0	0	0
% Fail	2.2%	0.0%	0.0%	0.0%	4.8%	22.2%	7.5%	0.0%	8.8%	10.0%	6.0%	6.3%	3.6%	4.2%	2.4%	0.0%	0.9%	0.0%	1.2%	0.0%	1.1%	0.0%	0.5%	0.0%	0.5%	0.0%	0.0%	0.0%
WIST7120	5,139	11	31	10	57	28	74	64	177	107	280	119	384	152	363	153	426	193	520	189	563	187	564	67	409	9	2	0
# Fail	302	2	5	0	12	4	10	13	23	12	29	24	33	16	31	8	18	12	15	7	16	0	7	1	4	0	0	0
% Fail	5.9%	18.2%	16.1%	0.0%	21.1%	14.3%	13.5%	20.3%	13.0%	11.2%	10.4%	20.2%	8.6%	10.5%	8.5%	5.2%	4.2%	6.2%	2.9%	3.7%	2.8%	0.0%	1.2%	1.5%	1.0%	0.0%	0.0%	--
WIST7123	2,070	2	10	3	16	8	26	13	55	17	76	15	114	27	98	29	147	50	250	52	298	50	368	21	302	20	1	2
# Fail	49	0	0	0	3	1	1	2	4	4	0	1	6	4	4	0	6	1	4	0	5	0	2	1	0	0	0	0
% Fail	2.4%	0.0%	0.0%	0.0%	18.8%	12.5%	3.8%	15.4%	7.3%	23.5%	0.0%	6.7%	5.3%	14.8%	4.1%	0.0%	4.1%	2.0%	1.6%	0.0%	1.7%	0.0%	0.5%	4.8%	0.0%	0.0%	0.0%	0.0%
WIST7126	3,274	2	16	7	33	10	59	21	81	28	133	24	191	40	166	47	291	65	366	60	469	78	552	36	476	20	3	0
# Fail	103	0	1	2	5	0	6	2	10	2	13	0	8	2	8	2	13	2	11	2	6	3	4	0	1	0	0	0
% Fail	3.1%	0.0%	6.3%	28.6%	15.2%	0.0%	10.2%	9.5%	12.3%	7.1%	9.8%	0.0%	4.2%	5.0%	4.8%	4.3%	4.5%	3.1%	3.0%	3.3%	1.3%	3.8%	0.7%	0.0%	0.2%	0.0%	0.0%	--
WIST7129	7,413	5	37	13	93	21	135	47	273	63	392	89	524	96	449	101	687	147	903	152	1,035	146	1,088	53	855	7	2	0
# Fail	165	0	1	1	5	0	11	1	12	3	11	10	22	4	17	3	20	0	13	4	11	3	11	0	2	0	0	0
% Fail	2.2%	0.0%	2.7%	7.7%	5.4%	0.0%	8.1%	2.1%	4.4%	4.8%	2.8%	11.2%	4.2%	4.2%	3.8%	3.0%	2.9%	0.0%	1.4%	2.6%	1.1%	2.1%	1.0%	0.0%	0.2%	0.0%	0.0%	--
WIST7130	434	0	2	2	5	2	7	3	17	8	17	9	30	9	21	14	37	7	43	22	53	19	51	6	50	0	0	0
# Fail	8	0	0	0	0	0	0	0	2	2	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
% Fail	1.8%	--	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	11.8%	25.0%	0.0%	11.1%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	0.0%	0.0%	5.3%	0.0%	0.0%	0.0%	--	--	--
WIST7132	194	0	0	1	1	1	2	0	5	3	11	5	20	6	9	5	16	7	23	7	23	13	14	8	14	0	0	0
# Fail	11	0	0	1	0	0	0	0	1	0	0	0	2	0	0	0	3	2	1	0	0	0	1	0	0	0	0	0
% Fail	5.7%	--	--	100%	0.0%	0.0%	0.0%	--	20.0%	0.0%	0.0%	0.0%	10.0%	0.0%	0.0%	0.0%	18.8%	28.6%	4.3%	0.0%	0.0%	0.0%	7.1%	0.0%	0.0%	--	--	--
WIST7134	369	0	2	1	7	1	15	0	14	3	25	7	29	9	18	2	35	6	44	4	50	5	62	2	28	0	0	0
# Fail	4	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
% Fail	1.1%	--	0.0%	0.0%	14.3%	0.0%	0.0%	--	7.1%	0.0%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	--	--	--
WIST7135	3,842	2	18	1	33	11	51	10	96	30	170	38	235	46	208	51	329	70	444	77	578	100	626	52	544	21	0	1
# Fail	69	0	2	0	1	0	2	0	5	1	4	0	12	2	10	1	3	2	6	2	5	3	4	0	4	0	0	0
% Fail	1.8%	0.0%	11.1%	0.0%	3.0%	0.0%	3.9%	0.0%	5.2%	3.3%	2.4%	0.0%	5.1%	4.3%	4.8%	2.0%	0.9%	2.9%	1.4%	2.6%	0.9%	3.0%	0.6%	0.0%	0.7%	0.0%	--	0.0%

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST7137	300	1	3	0	4	2	3	2	9	5	14	5	19	3	23	13	18	16	34	8	35	7	39	3	32	2	0	0
# Fail	10	0	0	0	0	0	1	0	3	0	0	1	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0
% Fail	3.3%	0.0%	0.0%	--	0.0%	0.0%	33.3%	0.0%	33.3%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.8%	0.0%	0.0%	0.0%	5.1%	0.0%	0.0%	0.0%	--	--
WIST7138	1,406	4	14	0	21	5	27	5	46	14	69	14	95	23	92	13	109	22	154	25	205	22	238	13	170	6	0	0
# Fail	25	0	1	0	1	0	0	0	3	0	1	1	3	1	3	1	6	0	3	0	0	0	1	0	0	0	0	0
% Fail	1.8%	0.0%	7.1%	--	4.8%	0.0%	0.0%	0.0%	6.5%	0.0%	1.4%	7.1%	3.2%	4.3%	3.3%	7.7%	5.5%	0.0%	1.9%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	--	--
WIST7140	5,408	2	20	6	49	13	75	24	106	35	185	53	297	82	269	71	463	84	626	114	848	153	878	69	850	32	3	1
# Fail	96	0	2	1	0	1	6	1	9	1	13	3	7	8	8	2	7	2	7	2	9	2	4	0	1	0	0	0
% Fail	1.8%	0.0%	10.0%	16.7%	0.0%	7.7%	8.0%	4.2%	8.5%	2.9%	7.0%	5.7%	2.4%	9.8%	3.0%	2.8%	1.5%	2.4%	1.1%	1.8%	1.1%	1.3%	0.5%	0.0%	0.1%	0.0%	0.0%	0.0%
WIST7141	4,269	5	25	8	39	19	66	38	104	44	151	51	225	74	239	79	327	98	461	139	576	146	701	57	571	22	3	1
# Fail	139	1	5	0	5	1	6	2	9	8	5	5	7	4	15	5	18	6	10	2	11	1	9	2	2	0	0	0
% Fail	3.3%	20.0%	20.0%	0.0%	12.8%	5.3%	9.1%	5.3%	8.7%	18.2%	3.3%	9.8%	3.1%	5.4%	6.3%	6.3%	5.5%	6.1%	2.2%	1.4%	1.9%	0.7%	1.3%	3.5%	0.4%	0.0%	0.0%	0.0%
WIST7142	1,685	2	18	6	25	8	40	18	73	23	89	24	126	47	101	24	160	27	182	31	224	42	196	10	181	5	3	0
# Fail	50	0	1	0	5	1	2	1	5	0	8	2	4	1	2	0	6	0	5	0	4	0	3	0	0	0	0	0
% Fail	3.0%	0.0%	5.6%	0.0%	20.0%	12.5%	5.0%	5.6%	6.8%	0.0%	9.0%	8.3%	3.2%	2.1%	2.0%	0.0%	3.8%	0.0%	2.7%	0.0%	1.8%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	--
WIST7143	3,790	1	24	8	15	8	43	15	68	19	168	22	190	38	186	39	307	66	477	57	630	60	674	31	636	4	4	0
# Fail	60	0	0	0	0	3	0	0	3	1	7	2	6	2	6	1	7	1	5	2	4	1	4	0	5	0	0	0
% Fail	1.6%	0.0%	0.0%	0.0%	0.0%	37.5%	0.0%	0.0%	4.4%	5.3%	4.2%	9.1%	3.2%	5.3%	3.2%	2.6%	2.3%	1.5%	1.0%	3.5%	0.6%	1.7%	0.6%	0.0%	0.8%	0.0%	0.0%	--
WIST7144	1,246	2	3	1	8	5	14	3	22	5	46	14	54	17	57	10	98	43	121	32	204	51	212	26	179	18	0	1
# Fail	12	0	0	0	1	0	0	1	1	0	0	0	1	0	1	0	2	0	1	1	2	1	0	0	0	0	0	0
% Fail	1.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	33.3%	4.5%	0.0%	0.0%	0.0%	1.9%	0.0%	1.8%	0.0%	2.0%	0.0%	0.8%	3.1%	1.0%	2.0%	0.0%	0.0%	0.0%	0.0%	--	0.0%
WIST7145	339	1	0	2	5	0	7	0	7	6	20	8	20	8	25	3	30	10	30	9	34	11	57	6	36	4	0	0
# Fail	16	0	0	0	0	0	2	0	0	1	1	0	1	2	3	1	1	0	1	0	0	0	2	0	1	0	0	0
% Fail	4.7%	0.0%	--	0.0%	0.0%	--	28.6%	--	0.0%	16.7%	5.0%	0.0%	5.0%	25.0%	12.0%	33.3%	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	3.5%	0.0%	2.8%	0.0%	--	--
WIST7146	1,127	4	10	5	14	11	40	16	73	27	96	34	103	27	80	22	89	27	126	36	100	25	82	7	71	2	0	0
# Fail	60	1	0	3	2	1	5	1	8	4	5	4	13	0	4	1	1	0	3	2	0	0	0	1	1	0	0	0
% Fail	5.3%	25.0%	0.0%	60.0%	14.3%	9.1%	12.5%	6.3%	11.0%	14.8%	5.2%	11.8%	12.6%	0.0%	5.0%	4.5%	1.1%	0.0%	2.4%	5.6%	0.0%	0.0%	0.0%	14.3%	1.4%	0.0%	--	--
WIST7147	2,426	3	16	4	35	13	47	18	67	15	121	22	165	37	163	43	203	49	268	46	330	48	367	19	315	10	1	1
# Fail	55	0	1	0	1	1	5	0	4	0	6	0	4	3	6	1	5	1	8	1	3	1	2	0	2	0	0	0
% Fail	2.3%	0.0%	6.3%	0.0%	2.9%	7.7%	10.6%	0.0%	6.0%	0.0%	5.0%	0.0%	2.4%	8.1%	3.7%	2.3%	2.5%	2.0%	3.0%	2.2%	0.9%	2.1%	0.5%	0.0%	0.6%	0.0%	0.0%	0.0%
WIST7148	259	1	2	0	1	1	5	2	7	2	17	3	14	4	12	2	22	5	25	10	33	6	42	3	34	6	0	0
# Fail	8	0	0	0	0	0	1	0	0	0	1	0	3	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0
% Fail	3.1%	0.0%	0.0%	--	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	5.9%	0.0%	21.4%	0.0%	0.0%	0.0%	4.5%	0.0%	0.0%	0.0%	3.0%	0.0%	2.4%	0.0%	0.0%	0.0%	--	--
WIST7149	44	0	1	0	1	1	1	0	0	0	1	0	1	3	3	1	6	4	5	2	4	2	7	1	0	0	0	0
# Fail	4	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
% Fail	9.1%	--	0.0%	--	100%	0.0%	100%	--	--	--	0.0%	--	0.0%	33.3%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--	--	--	--
WIST7150	12	0	0	0	0	1	0	0	1	0	1	1	0	0	3	0	0	2	0	0	0	0	0	0	0	3	0	0
# Fail	4	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
% Fail	33.3%	--	--	--	--	100%	--	--	100%	--	0.0%	0.0%	--	--	66.7%	--	--	0.0%	--	--	--	--	--	--	--	0.0%	--	--
WIST8003	209	24	5	0	3	7	0	2	1	0	0	2	10	1	0	14	0	137	1	0	0	0	1	0	1	0	0	0
# Fail	12	1	0	0	1	0	0	0	1	0	0	2	1	0	0	4	0	2	0	0	0	0	0	0	0	0	0	0
% Fail	5.7%	4.2%	0.0%	--	33.3%	0.0%	--	0.0%	100%	--	--	100%	10.0%	0.0%	--	28.6%	--	1.5%	0.0%	--	--	--	0.0%	--	0.0%	--	--	--
WIST8004	3,258	9	47	15	56	34	121	59	216	105	286	97	297	126	222	114	294	135	309	116	229	88	151	17	112	3	0	0
# Fail	229	3	4	3	8	5	20	7	33	12	26	11	20	7	12	12	12	5	13	7	6	1	2	0	0	0	0	0
% Fail	7.0%	33.3%	8.5%	20.0%	14.3%	14.7%	16.5%	11.9%	15.3%	11.4%	9.1%	11.3%	6.7%	5.6%	5.4%	10.5%	4.1%	3.7%	4.2%	6.0%	2.6%	1.1%	1.3%	0.0%	0.0%	0.0%	--	--

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WIST8008	7,554	13	62	33	129	59	166	92	329	133	444	162	646	229	492	177	616	212	790	243	854	245	807	79	519	16	4	3
# Fail	426	1	7	7	21	7	24	11	34	18	51	18	65	23	34	11	26	8	26	8	7	6	12	0	1	0	0	0
% Fail	5.6%	7.7%	11.3%	21.2%	16.3%	11.9%	14.5%	12.0%	10.3%	13.5%	11.5%	11.1%	10.1%	10.0%	6.9%	6.2%	4.2%	3.8%	3.3%	3.3%	0.8%	2.4%	1.5%	0.0%	0.2%	0.0%	0.0%	0.0%
WIST8009	1,317	1	5	2	8	6	20	5	31	10	57	18	97	19	57	12	95	25	154	30	209	48	201	16	189	1	1	0
# Fail	26	0	1	0	0	2	2	0	1	0	3	1	4	1	1	1	2	1	3	0	2	0	0	0	1	0	0	0
% Fail	2.0%	0.0%	20.0%	0.0%	0.0%	33.3%	10.0%	0.0%	3.2%	0.0%	5.3%	5.6%	4.1%	5.3%	1.8%	8.3%	2.1%	4.0%	1.9%	0.0%	1.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	--
WIST8011	8,957	9	55	13	113	34	177	67	309	75	388	90	561	119	501	112	784	158	959	215	1,262	229	1,431	87	1,175	33	1	0
# Fail	253	1	6	1	6	3	20	4	18	4	27	5	39	3	21	3	18	3	24	4	22	3	9	1	7	1	0	0
% Fail	2.8%	11.1%	10.9%	7.7%	5.3%	8.8%	11.3%	6.0%	5.8%	5.3%	7.0%	5.6%	7.0%	2.5%	4.2%	2.7%	2.3%	1.9%	2.5%	1.9%	1.7%	1.3%	0.6%	1.1%	0.6%	3.0%	0.0%	--
WIST8016	4,868	4	35	7	70	10	67	18	141	43	227	42	330	58	249	41	396	96	600	109	660	107	781	47	692	32	4	1
# Fail	89	0	0	0	7	0	4	0	11	2	11	0	12	5	6	1	7	1	4	1	5	1	6	0	5	0	0	0
% Fail	1.8%	0.0%	0.0%	0.0%	10.0%	0.0%	6.0%	0.0%	7.8%	4.7%	4.8%	0.0%	3.6%	8.6%	2.4%	2.4%	1.8%	1.0%	0.7%	0.9%	0.8%	0.9%	0.8%	0.0%	0.7%	0.0%	0.0%	0.0%
WIST8018	1,548	2	8	4	19	8	28	10	56	24	90	22	110	34	92	33	145	27	185	28	215	27	202	21	150	7	0	1
# Fail	39	0	1	1	0	1	2	1	0	1	3	2	6	0	1	4	2	0	4	1	6	1	1	0	1	0	0	0
% Fail	2.5%	0.0%	12.5%	25.0%	0.0%	12.5%	7.1%	10.0%	0.0%	4.2%	3.3%	9.1%	5.5%	0.0%	1.1%	12.1%	1.4%	0.0%	2.2%	3.6%	2.8%	3.7%	0.5%	0.0%	0.7%	0.0%	--	0.0%
WIST8023	5,633	3	28	12	48	16	92	23	160	50	275	62	335	75	300	103	462	96	639	145	827	145	844	83	758	48	4	0
# Fail	120	0	2	0	4	3	3	2	12	2	14	5	9	4	13	6	7	4	11	2	8	2	5	2	0	0	0	0
% Fail	2.1%	0.0%	7.1%	0.0%	8.3%	18.8%	3.3%	8.7%	7.5%	4.0%	5.1%	8.1%	2.7%	5.3%	4.3%	5.8%	1.5%	4.2%	1.7%	1.4%	1.0%	1.4%	0.6%	2.4%	0.0%	0.0%	0.0%	--
WIST8026	1,904	5	18	3	21	7	42	15	86	45	107	42	150	60	116	54	188	62	209	67	200	54	202	17	129	0	4	1
# Fail	77	0	1	0	2	2	5	3	9	7	4	3	7	3	7	5	4	0	6	2	2	1	3	0	1	0	0	0
% Fail	4.0%	0.0%	5.6%	0.0%	9.5%	28.6%	11.9%	20.0%	10.5%	15.6%	3.7%	7.1%	4.7%	5.0%	6.0%	9.3%	2.1%	0.0%	2.9%	3.0%	1.0%	1.9%	1.5%	0.0%	0.8%	--	0.0%	0.0%
WIST8027	907	0	6	0	12	1	14	5	24	11	43	13	50	17	61	15	72	21	108	24	119	27	133	7	117	6	1	0
# Fail	26	0	1	0	1	0	0	0	7	0	1	0	2	1	1	1	3	1	2	2	1	2	0	0	0	0	0	0
% Fail	2.9%	--	16.7%	--	8.3%	0.0%	0.0%	0.0%	29.2%	0.0%	2.3%	0.0%	4.0%	5.9%	1.6%	6.7%	4.2%	4.8%	1.9%	8.3%	0.8%	7.4%	0.0%	0.0%	0.0%	0.0%	0.0%	--
WIST8028	3,261	2	25	10	45	9	71	30	115	47	158	63	228	98	201	68	259	79	350	98	386	111	398	36	349	19	5	1
# Fail	170	0	4	0	3	1	8	7	12	5	17	7	20	10	14	5	21	3	9	2	13	1	5	0	3	0	0	0
% Fail	5.2%	0.0%	16.0%	0.0%	6.7%	11.1%	11.3%	23.3%	10.4%	10.6%	10.8%	11.1%	8.8%	10.2%	7.0%	7.4%	8.1%	3.8%	2.6%	2.0%	3.4%	0.9%	1.3%	0.0%	0.9%	0.0%	0.0%	0.0%
WIST8029	3,900	1	25	5	48	15	72	20	122	30	180	43	278	46	242	54	336	69	462	87	539	103	601	37	456	24	5	0
# Fail	78	1	1	0	3	1	3	0	8	1	8	4	8	1	8	2	9	0	10	1	7	0	1	0	1	0	0	0
% Fail	2.0%	100%	4.0%	0.0%	6.3%	6.7%	4.2%	0.0%	6.6%	3.3%	4.4%	9.3%	2.9%	2.2%	3.3%	3.7%	2.7%	0.0%	2.2%	1.1%	1.3%	0.0%	0.2%	0.0%	0.2%	0.0%	0.0%	--
WIST8030	5,135	6	36	7	61	26	95	26	207	43	301	53	379	85	264	59	450	98	611	101	782	130	727	48	510	30	0	0
# Fail	140	1	1	0	2	1	9	1	18	6	15	6	18	4	6	2	13	3	13	0	8	1	10	0	1	1	0	0
% Fail	2.7%	16.7%	2.8%	0.0%	3.3%	3.8%	9.5%	3.8%	8.7%	14.0%	5.0%	11.3%	4.7%	4.7%	2.3%	3.4%	2.9%	3.1%	2.1%	0.0%	1.0%	0.8%	1.4%	0.0%	0.2%	3.3%	--	--
WIST8031	516	0	1	1	4	2	7	3	12	1	15	6	35	8	25	13	28	19	62	17	67	18	86	11	71	4	0	0
# Fail	10	0	0	0	0	0	0	0	1	0	1	0	3	0	1	0	1	0	1	1	0	1	0	0	0	0	0	0
% Fail	1.9%	--	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	6.7%	0.0%	8.6%	0.0%	4.0%	0.0%	3.6%	0.0%	1.6%	5.9%	0.0%	5.6%	0.0%	0.0%	0.0%	0.0%	--	--
WIST8033	4,221	12	45	16	87	35	127	59	211	66	264	85	326	99	251	78	355	113	405	91	436	113	508	42	358	34	4	1
# Fail	250	0	3	1	11	5	18	8	35	7	21	13	30	6	21	5	20	9	11	2	13	0	8	1	2	0	0	0
% Fail	5.9%	0.0%	6.7%	6.3%	12.6%	14.3%	14.2%	13.6%	16.6%	10.6%	8.0%	15.3%	9.2%	6.1%	8.4%	6.4%	5.6%	8.0%	2.7%	2.2%	3.0%	0.0%	1.6%	2.4%	0.6%	0.0%	0.0%	0.0%
WISTT0010	949	0	11	6	14	6	27	11	35	12	57	10	71	19	59	16	69	23	81	15	126	14	150	8	106	3	0	0
# Fail	46	0	2	0	1	0	4	3	3	1	2	1	7	0	4	2	6	0	1	0	4	1	2	0	2	0	0	0
% Fail	4.8%	--	18.2%	0.0%	7.1%	0.0%	14.8%	27.3%	8.6%	8.3%	3.5%	10.0%	9.9%	0.0%	6.8%	12.5%	8.7%	0.0%	1.2%	0.0%	3.2%	7.1%	1.3%	0.0%	1.9%	0.0%	--	--
WISTT0011	1,176	2	6	6	23	3	27	14	37	13	89	6	90	22	71	14	113	23	124	18	157	31	150	8	120	8	0	1
# Fail	34	1	0	2	0	0	2	2	0	5	6	1	2	1	2	0	5	0	2	0	1	0	2	0	0	0	0	0
% Fail	2.9%	50.0%	0.0%	33.3%	0.0%	0.0%	7.4%	14.3%	0.0%	38.5%	6.7%	16.7%	2.2%	4.5%	2.8%	0.0%	4.4%	0.0%	1.6%	0.0%	0.6%	0.0%	1.3%	0.0%	0.0%	0.0%	--	0.0%

Station ID	Total	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
WISTT0012	1,097	3	18	9	13	8	26	9	36	21	75	24	95	43	74	27	91	28	99	42	105	32	123	13	81	1	1	0
# Fail	73	0	2	0	2	3	4	1	3	5	12	4	10	2	5	2	5	2	4	2	3	0	1	0	1	0	0	0
% Fail	6.7%	0.0%	11.1%	0.0%	15.4%	37.5%	15.4%	11.1%	8.3%	23.8%	16.0%	16.7%	10.5%	4.7%	6.8%	7.4%	5.5%	7.1%	4.0%	4.8%	2.9%	0.0%	0.8%	0.0%	1.2%	0.0%	0.0%	--
WISTT005	3,465	4	21	1	32	15	50	20	78	24	165	32	203	40	175	41	277	56	402	64	539	90	570	50	484	31	1	0
# Fail	84	0	0	0	1	0	5	3	3	0	9	2	10	3	7	3	9	1	13	1	6	1	4	0	3	0	0	0
% Fail	2.4%	0.0%	0.0%	0.0%	3.1%	0.0%	10.0%	15.0%	3.8%	0.0%	5.5%	6.3%	4.9%	7.5%	4.0%	7.3%	3.2%	1.8%	3.2%	1.6%	1.1%	1.1%	0.7%	0.0%	0.6%	0.0%	0.0%	--
WISTT009	11,673	10	47	16	115	43	165	62	278	99	469	107	702	178	631	166	958	246	1,372	298	1,812	353	1,813	163	1,498	64	5	3
# Fail	309	1	1	3	13	1	12	7	27	9	29	3	33	12	25	7	34	5	27	7	24	7	13	3	6	0	0	0
% Fail	2.6%	10.0%	2.1%	18.8%	11.3%	2.3%	7.3%	11.3%	9.7%	9.1%	6.2%	2.8%	4.7%	6.7%	4.0%	4.2%	3.5%	2.0%	2.0%	2.3%	1.3%	2.0%	0.7%	1.8%	0.4%	0.0%	0.0%	0.0%
Tested	686,457	784	4,314	1,555	8,084	2,980	12,814	5,003	22,711	7,387	34,274	9,440	46,265	12,371	39,477	11,146	57,701	14,828	77,069	17,098	93,087	18,303	99,021	7,681	79,299	3,042	539	181
# Fail	21,779	80	306	168	653	303	1,202	574	1,793	731	2,229	823	2,518	887	1,664	557	1,811	531	1,675	418	1,310	275	892	75	292	11	1	0
% Fail	3.2%	10.2%	7.1%	10.8%	8.1%	10.2%	9.4%	11.5%	7.9%	9.9%	6.5%	8.7%	5.4%	7.2%	4.2%	5.0%	3.1%	3.6%	2.2%	2.4%	1.4%	1.5%	0.9%	1.0%	0.4%	0.4%	0.2%	0.0%

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Station	Company	Address	City	Zip	County	Total Equip Audits
WIST6073	1 STOP AUTO AND DETAILING SERVICE	5103 32ND AVE	Kenosha	53144	Kenosha	12
WIST3045	2 Brothers Mufflers & Brakes	1632 S. West Ave	Waukesha	53189	Waukesha	15
WIST3049	4 SEASON AUTOMOTIVE LLC - Deactive	1911 W. MITCHELL	Milwaukee	53204	Milwaukee	6
WIST5101	A & W Automotive	1212 S. 108TH ST	West Allis	53214	Milwaukee	15
WIST2030	A&J Automotive	8401 W. Hampton Ave	Milwaukee	53225	Milwaukee	12
WIST5088	Abi & Sons Automotive	817 44th st	Kenosha	53140	Kenosha	12
WIST3003	Accelerated Auto Service	667 W. State St.	Burlington	53105	Racine	12
WIST1037	ACE'S PITSTOP LLC	8687 N 107TH ST.	Milwaukee	53224	Milwaukee	12
WIST1028	Adams& Claybrooks Investments LLC	8822 W. Appleton Ave	Milwaukee	53225	Milwaukee	0
WIST6082	ALBEIK AUTO SERVICE	5105 W. NORTH AVE	Milwaukee	53208	Milwaukee	6
WIST1003	Allenton Service	5908 Hillcrest Dr.	Allenton	53002	Washington	18
WIST6065	Allis Automotive	6205 West Lincoln Ave	West Allis	53219	Milwaukee	18
WIST6074	American Imports	N96 W14433 County Line RD	MENOMONEE FALLS	53051	Waukesha	15
WIST7020	American Muffler & Automotive	5933 S. Pine St.	Burlington	53105	Racine	12
WIST6042	Amport Automotive	1324 White Rock Ave.	Waukesha	53186	Waukesha	21
WIST6007	Anderson Automotive	240 Highland Dr.	Fredonia	53021	Ozaukee	18
WIST7152	Assure Automotive	2120 52ND ST	Kenosha	53140	Kenosha	12
WIST2048	AUTO SAFETY CENTER- CEDARBURG	7007 STATE RD 60	Cedarburg	53012	Ozaukee	18
WIST8027	Auto Safety Center-West Bend	3700 Washington St.	West Bend	53095	Washington	18
WIST2019	Automotive Solutions	215 Klein Lane	Saukville	53080	Ozaukee	18
WIST8011	B Towne Auto Service - Deactive	457 Falcon Ridge Dr	Burlington	53105	Racine	0
WIST3043	Badger Automotive	4730 W BRADLEY RD	Brown Deer	53223	Milwaukee	12
WIST2050	Bell Ambulance	2832 S. 5TH CT	Milwaukee	53207	Milwaukee	12
WIST7115	Black Tie Auto Service	S84 W21172 Janesville Rd	Muskego	53150	WAUKESHA	18
WIST5096	Blue Line Auto Sales and Service	S83W18350 SATURN DR.	MUSKEGO	53150	Waukesha	9
WIST5008	Bob's Main Street Auto - Decorah	115 W. Decorah Rd	West Bend	53095	Washington	18
WIST4078	Bob's Main Street Auto - Hubertus	1285 MORGAN DR	HUBERTUS	53033	Washington	18
WIST4045	Bob's Main Street Auto - Main Street	1200 N Main St	West Bend	53090	Washington	18
WIST6061	Brian's Auto Service & Repair	1060 Fond Du Lac Avenue	Sheboygan	53085	Sheboygan	15
WIST7140	Brookfield Auto Care	12425 W. North AVE	Brookfield	53005	Waukesha	18
WIST4077	B-TOWNE AUTOS	457 FALCON RIDGE DR	Burlington	53105	Racine	24
WIST1012	Butler Auto Body	4830 N. 125th St.	Butler	53142	Waukesha	18
WIST6004	Chuck's Main St. Auto	N64 W23876 Main St.	Sussex	53089	Waukesha	18
WIST6077	COUNTRY AUTO LLC	N7822 WILLOW RD	PLYMOUTH	53073	Sheboygan	3
WIST6071	CPS AUTO REPAIR	721 W.WINDLAKE AVE	Milwaukee	53204	Milwaukee	12
WIST5055	Curriepark Auto Center	10745 W. Capitol Dr.	Wauwatosa	53222	Milwaukee	12
WIST2045	D&D ALL AUTO REPAIR LLC	6418 28TH AVE	Kenosha	53143	Kenosha	15

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WIST3040	D&D Automotive Repair INC	1714 Arthur Court	Waukesha	53188	Waukesha	18
WIST5005	Dave's Garage Inc.	5454 W. Forest Home Ave.	Greenfield	53220	Milwaukee	12
WIST5045	Dave's Truck & 4 X 4 Repair, LLC	2993 Sherman Rd.	Jackson	53037	Washington	18
WIST2042	DEP'S AUTOMOTIVE	5147 W. FOREST HOME	GREENFIELD	53219	Milwaukee	12
WIST1020	Don's Garage	11916 Antioch Rd	Trevor	53179	Kenosha	12
WIST9999	DOT Test	1001 West St. Paul Ave	Milwaukee	53233	Milwaukee	0
WIST5015	Durand Automotive Center - Deactive	1623 Durand Ave.	Racine	53403	Racine	12
WIST7142	Dynamic Automotive Solutions LLC	1230 S. West AVE	Waukesha	53186	Waukesha	15
WIST7148	EDDIE'S SERVICE INC	125 RIVERSIDE DR.	SAUKVILLE	53080	Ozaukee	15
WIST8038	EL DORADO AUTO REPAIR	2803 S. 9TH PL	Milwaukee	53215	Milwaukee	12
WIST5095	El Guero Auto Repair	5509 DURAND AVE	Racine	53406	Racine	9
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	18
WIST7081	Farkas Automotive Inc.	8008 N. Sherman	Brown Deer	53209	Milwaukee	12
WIST5083	First Rate Auto	5424 W. State St	Milwaukee	53208	Milwaukee	15
WIST3022	Fleet 1	749 W STATE ST	Milwaukee	53202	Milwaukee	12
WIST6044	Fleet Auto Sales & Service	7400 W. National Ave.	West Allis	53214	Milwaukee	15
WIST7145	FM Auto Sales & Service	4264 South Packard Ave	Saint Francis	53235	Milwaukee	12
WIST1040	FX WINDOW TINTING	N56W39413 WISCONSIN AVE	OCONOMOWOC	53066	Waukesha	6
WIST6066	GALLEGOS AUTOMOTIVE LLC	7606 W. GREENFIELD AVE	West Allis	53214	Milwaukee	15
WIST7138	Gamino's Auto Repair	6156 Douglas AVE	Racine	53402	Racine	12
WIST7092	G-Brock's Auto Repair	375 E. Ottawa Ave	Dousman	53118	Waukesha	18
WIST0011	Genuine Mechanics	1453 N 40th	Sheboygan	53081	Sheboygan	9
WIST6035	Good Hope Service	4230 W. Good Hope Rd.	Milwaukee	53209	Milwaukee	9
WIST7093	Gordon's Wheel Service	3595 N. 124 St.	Brookfield	53005	Waukesha	18
WIST5066	Grady's Automotive Inc.	6272 S. Packard Ave	Cudahy	53110	Milwaukee	12
WIST7135	Grand Motor Sports	W68N954 WASHINGTON AVE	Cedarburg	53012	Ozaukee	15
WIST6080	GRAND OZAUKEE AUTOMOTIVE	W68N954 WASHINGTON AVE	Cedarburg	53012	Ozaukee	6
WIST5092	Great American Tire and Auto Repair	4106 78th street	Kenosha	53142	Kenosha	12
WIST6022	Hall Automotive	704 Bluemound Rd.	Waukesha	53189	Waukesha	18
WIST7016	Hartland Services Inc.	400 Industrial Dr	Hartland	53029	Waukesha	18
WIST2015	Heiser Toyota	11301 W. Metro Blvd.	Milwaukee	53224	Milwaukee	12
WIST7147	HEPPE'S SERVICE OF WISCONSIN INC	9152 W. BLUEMOUND RD	Milwaukee	53226	Milwaukee	6
WIST3041	HIS Auto LLC	718 Armour Rd	Oconomowoc	53066	Waukesha	18
WIST7088	Hoffman Auto & Tire	4811 Greenbay Rd.	Kenosha	53144	Kenosha	12
WIST4070	Hooked Up Towing and Repair	1420 9th st	Racine	53403	Racine	12
WIST7129	Hopson Automotive	W241 S4165 Pine Hollow Ct	Waukesha	53189	Waukesha	15

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Station	Company	Address	City	Zip	County	Total Equip Audits
WIST1035	IA Auto Solutions	4590 N 124TH ST	Wauwatosa	53222	Milwaukee	0
WIST1041	IBARRA AUTO DETAILING	3535 W. STATE ST	Milwaukee	53208	Milwaukee	12
WIST1038	ILLIE TINTS LLC	8581 S. 27TH ST	Franklin	53132	Milwaukee	18
WIST8016	It's All Good Auto	10125 W. Loomis Rd.	Franklin	53132	Milwaukee	15
WIST8018	Jeffs Automotive	5261 S. Nicholas Ave	Cudahy	53110	Milwaukee	12
WISTT009	Jerry's Auto Service Inc. (TAC)	W229 N2467 Hwy F	Waukesha	53186	Waukesha	15
WIST5104	JIFFY LUBE OCONOMOWOC	1610 WATER PLACE	OCONOMOWOC	53066	Waukesha	3
WIST7141	Jiffy Lube-Kenosha	3321 Market Lane	Kenosha	53144	Kenosha	12
WIST8023	Jiffy Lube-Muskego	564 W15890 Commerce Center Parkway	Muskego	53150	Waukesha	18
WIST4063	Jim's Auto Service	W4131 Main RD	Plymouth	53073	Sheboygan	18
WIST4002	Joe's Slinger Service LLC	220 Info Hwy. Crt.	Slinger	53086	Washington	18
WIST1026	John Amato Chrysler,Dodge,Jeep Ram	5900 N. Greenbay Rd	Glendale	53209	Milwaukee	12
WIST3013	John Amato Hyundai Inc.	8301 N. 76th St.	Milwaukee	53223	Milwaukee	0
WIST7151	John Amato Mitsubitshi	8380 N. 76TH ST	Milwaukee	53225	Milwaukee	12
WIST7022	John Paul's Buick GMC	3615 S. 108th St.	Greenfield	53228	Milwaukee	12
WIST5099	KASH BROS AUTO GROUP	4033 W. CUSTER AVE	Milwaukee	53209	Milwaukee	12
WIST4051	Kastenson Auto (formally Tenhagen Auto)	21445 Durand Ave	Union Grove	53182	Racine	12
WIST3039	KK Car Service	17125 W. Greenfield ave	New Berlin	53151	Waukesha	18
WIST6060	Kruegers Auto Tech Center	W61 N225 CARDINAL AVE	Cedarburg	53012	Ozaukee	18
WIST5105	KUNES BUICK GMC OF GREENFIELD	3615 S. 108TH ST	Greenfield	53228	Milwaukee	6
WIST4003	Kusch's Automotive	136 N. 120th St.	Wauwatosa	53226	Milwaukee	18
WIST8034	LA CARCACHA AUTO REPAIR	2484 S. HOWELL AVE	Milwaukee	53207	Milwaukee	12
WIST4061	Lake Country Auto Care	449 HICKORY STREET	Pewaukee	53072	Waukesha	18
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	12
WIST4053	Liberty Street Auto	1600 Durand Ave	Racine	53404	Racine	12
WIST8040	LMTLESS AUTO SPA	2433C E. LAYTON AVE	Cudahy	53110	Milwaukee	12
WIST7146	LOMELI AUTO REPAIR	4100 W. ORCHARD ST	Milwaukee	53215	Milwaukee	12
WIST2044	Longhorn Auto Sales LLC	1214 S. 6TH ST	Milwaukee	53207	Milwaukee	6
WIST3032	M & D Auto Services	W19 N5733 Becker Dr	Lannon	53046	Waukesha	18
WIST6055	M&J Auto Sales and Service	3069 State HWY 83	Hartford	53027	Washington	18
WIST8033	M&M Citgo	2101 Douglas Ave	Racine	53402	Racine	12
WIST6064	M&M Complete Auto Care	5620 West Center Street	Milwaukee	53210	Milwaukee	15
WIST4072	M&N AUTO REPAIR	2934 W. BURNHAM ST	Milwaukee	53215	Milwaukee	12
WIST6021	Maddison Automotive	210 N. Wales Rd.	Wales	53183	Waukesha	18
WIST7120	Manyo Motors	4035 N Green Bay Avenue	Milwaukee	53212	Milwaukee	12
WIST6026	Martin Ford	19215 Spring St	Union Grove	53182	Racine	12

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WIST6072	Mastertech Automotive	201 WASHINGTON ST	Slinger	53086	Washington	18
WIST6063	Matt's Foreign Car Specialist	5519 W. VILET ST	Milwaukee	53208	Milwaukee	12
WIST5053	Mayer Automotive LLC.	W6082 Hwy W	Cascade	53011	Sheboygan	18
WIST4042	Meineke Car Care Center	4320 S 27TH ST	Milwaukee	53221	Milwaukee	12
WIST3030	Merlin 200,000 Mile Shop	8601 75th St.	Kenosha	53142	Kenosha	12
WIST7103	Meyer Motors Inc.	107 Plaza Lane	Plymouth	53073	Sheboygan	9
WIST7150	MIDWEST AUTO AND SERVICES	1711 W. CENTER ST	Milwaukee	53206	Milwaukee	12
WIST6043	Mil-City Motors	7169 W. Fond Du Lac Ave	Milwaukee	53218	Milwaukee	12
WIST5090	Montez Auto Repair LLC	11321 W. Greenfield AVE	West Allis	53214	Milwaukee	18
WIST4062	Muffler Magic - 76th Street (AAMCO)	9055 N 76th	Milwaukee	53223	Milwaukee	12
WIST8043	MUKWONAGO EXPRESS MART	407 S. ROCHESTER ST.	MUKWONAGO	53149	Waukesha	3
WIST7094	Muskego Tire & Auto	573 W16610 Janesville Rd	Muskego	53150	Waukesha	12
WIST8004	National Auto Tech	630 W. National Ave	Milwaukee	53204	Milwaukee	12
WIST7095	National Complete Auto Care	16405 W. National Ave.	New Berlin	53151	Waukesha	18
WIST2052	NEXGEN AUTOMOTIVE LLC	1453 N 40TH ST	Sheboygan	53081	Sheboygan	15
WIST7014	Oak Creek Automotive Inc.	7948 S. 27th St.	Oak Creek	53154	Milwaukee	18
WIST5094	Oil Changers - Jackson	W213N16770 GLEN BROOKE DR	Jackson	53037	Washington	18
WIST1034	Oil Changers - Main Street	N88 W15220 MAIN ST	MENOMONEE FALLS	53051	Waukesha	18
WIST1032	Oil Changers - Menomonee Falls	W156 N8390 PILGRIM RD	MENOMONEE FALLS	53095	Waukesha	36
WIST8030	Oil Changers - Port Washington	1610 N. WISCONSIN STREET	Port Washington	53074	Ozaukee	36
WIST8029	Oil Changers - Wales	120 W. SUMMIT AVE	Wales	53183	Waukesha	18
WIST1033	Oil Changers - West Bend	2353 W WASHINGTON ST	West Bend	53095	Washington	15
WIST0000	Opus Inspections	3225 Gateway Road, Suite 450	Brookfield	53151	Waukesha	0
WIST5029	Palmen Buick, GMC, Cadillac	7110 74th Place	Kenosha	53142	Kenosha	24
WIST6018	Paul's Bender Center	8313 22nd Ave.	Kenosha	53143	Kenosha	12
WIST4079	PERFORMANCE TIRE AND AUTO	1051 Milwaukee Ave	Burlington	53105	Racine	12
WIST7033	Pinkalla Auto Solutions	3059 Durand Ave.	Racine	53403	Racine	12
WISTT015	Precision Auto Diesel	W395N5700 Frontier RD	Oconomowoc	53066	Waukesha	18
WIST1031	Prime Auto Sales & Service	1502 West Oklahoma Ave	Milwaukee	53215	Milwaukee	12
WIST5106	PRIME MOTORS LLC	1021 60TH ST	Kenosha	53140	Kenosha	12
WIST5100	Pro Auto Sales & Service	303 E. Monroe Ave.	Hartford	53027	Washington	18
WIST6076	PUSCHNIG AUTO SALES	8341 S. 27th St.	Franklin	53132	Milwaukee	3
WIST5103	R & D Auto Repair	2081 S. 56th ST.	West Allis	53219	Milwaukee	9
WIST4031	R & R Automotive	6930 39th Ave.	Kenosha	53142	Kenosha	12
WIST8008	R.K. Motors	3700 N Holton St	Milwaukee	53212	Milwaukee	12
WIST7036	Racine Auto Specialist	2320 Douglas Ave.	Racine	53402	Racine	12
WIST8039	RAMIREZ AND SONS AUTO AND TOWING LLC	2044 Calumet	Sheboygan	53081	Sheboygan	12

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WIST5097	Rapid Automotive Center LLC	3101 Rapid Drive	Racine	53404	Racine	12
WIST7149	RC Automotive	7419 West Bradley RD	Milwaukee	53223	Milwaukee	0
WIST1039	REIS AUTOMOTIVE - GREENFIELD	4100 W. LOOMIS RD	Greenfield	53221	Milwaukee	12
WIST5098	REIS AUTOMOTIVE - HALES CORNERS	5381 S. 108TH ST	HALES CORNERS	53130	Milwaukee	18
WIST7039	Richfield Service	1810 Wolf Rd	Richfield	53076	Washington	18
WIST4050	Rick's Car Care	6121 W Mequon Rd	Mequon	53092	Ozaukee	33
WIST3035	Righteous Auto	6142 Douglas Ave	Racine	53402	Racine	3
WIST5102	Righteous Auto	3077 Douglas Ave	Racine	53402	Racine	12
WIST5058	Ruby Isle Auto	11137 W. Silver Spring Dr.	Milwaukee	53225	Milwaukee	12
WIST5003	Russ Darrow Chrysler Jeep Dodge	10901 West Metro Mall	Milwaukee	53224	Milwaukee	12
WIST7006	Russ Darrow Chrysler West Bend	3210 W. Washington St.	West Bend	53095	Washington	18
WIST7009	Russ Darrow Honda - Metro Auto Mall	10851 W. Metro Auto Mall	Milwaukee	53224	Milwaukee	12
WIST4026	Russ Darrow Kia of Wauwatosa	1901 N. Mayfair Rd	Wauwatosa	53226	Milwaukee	12
WIST5023	Russ Darrow Mitsubishi	W226 S1700 Hwy 164	Waukesha	53186	Waukesha	15
WIST5044	Russ Darrow Nissan - Metro BLVD	11212 W Metro Blvd	Milwaukee	53224	Milwaukee	12
WIST2032	Russ Darrow Nissan - West Bend	2665 W Washington Ave	West Bend	53095	Washington	18
WIST7049	Russ Darrow Toyota	2700 W. Washington St.	West Bend	53095	Washington	18
WIST7137	Rutters Automotive Service	7550 W. Appleton Ave	Milwaukee	53216	Milwaukee	12
WIST7011	Salem Auto Service	8515 Antioch Rd	Salem	53168	Kenosha	12
WISTT010	Sam's Auto	4315 Byrd Ave	Racine	53405	Racine	12
WIST6070	SANFELIPPIO AUTO REPAIR LLC	646 S. 2ND ST	Milwaukee	53204	Milwaukee	12
WISTT005	Schaefer Service Center (TAC)	1130 E. Commerce Blvd	Slinger	53086	Washington	18
WIST2043	Sheboygan Auto Helpers	3667 S. TAYLOR DR.	Sheboygan	53081	Sheboygan	15
WIST5081	Sheboygan Chevrolet GMC Buick	3400 South Business Drive	Sheboygan	53081	Sheboygan	36
WIST7098	Shorewood Auto Repair	1330 E. Capitol Dr.	Shorewood	53211	Milwaukee	3
WIST7053	Silver Lake Auto Service Inc.	551 N. Cogswell Dr.	Silver Lake	53170	Kenosha	12
WIST7153	SJS Automotive	7320 W. FLINT AVE	Milwaukee	53218	Milwaukee	12
WIST8031	Smart Wash LLC	1155 Anderson Court	Oak Creek	53154	Milwaukee	18
WIST7055	South Milwaukee Car Care Center	1221 N. Chicago Ave.	South Milwaukee	53172	Milwaukee	12
WIST7056	Southtown Tire & Auto	2906 S. 108th St.	West Allis	53227	Milwaukee	9
WIST3044	Star Auto Repair	1717 Washington Ave	Racine	53403	Racine	12
WIST6062	Sticky Tintz	1749 BROADWAY AVE	Sheboygan	53081	Sheboygan	18
WIST2053	Supreme Tires	3109 W. LISBON	Milwaukee	53208	Milwaukee	12
WIST4076	SWITCHING LANES	5708 W. CENTER ST	Milwaukee	53210	Milwaukee	12
WIST6053	Take 5 Oil Change - Brookfield	14245 W. CAPITOL DR	Brookfield	53005	Waukesha	6
WIST2049	Take 5 Oil Change - Kenosha	2920 52ND ST	Kenosha	53140	Kenosha	6
WIST2036	Take 5 Oil Change - Racine	5428 Washington Ave	Racine	53406	Racine	6

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WIST4066	Take 5 Oil Change Capitol Dr	7515 W. CAPITOL DR	Milwaukee	53216	Milwaukee	3
WIST6052	Take 5 Oil Change Sheboygan - Calumet	2757 CALUMET DR	Sheboygan	53083	Sheboygan	6
WIST2035	Tech Way	4004 S Kinnickinnic Ave	Cudahy	53235	Milwaukee	12
WIST4080	Techway Auto Express	360 East howard Ave	Milwaukee	53207	Milwaukee	12
WIST7061	Theel Auto Inc.	N8364 County Rd J	Elkhart Lake	53020	Sheboygan	18
WIST3050	Tires Plus - Franklin	10800 W Speedway Dr	Franklin	53132	Milwaukee	9
WIST7123	Tires Plus - Kenosha	7424 74th Place	Kenosha	53142	Kenosha	12
WIST2028	Tires Unlimited Automotive Service	1557 N. Wisconsin St.	Port Washington	53074	Ozaukee	18
WIST7155	Tom's Auto Sales	2802 W. BURHAM ST	Milwaukee	53215	Milwaukee	6
WIST8028	Tom's Auto Maintenance	5240 S. 27TH ST.	Milwaukee	53222	Milwaukee	12
WIST1036	UNCLE WILLIE'S AUTO SERVICE	5606 W. BURNHAM ST	West Allis	53229	Milwaukee	12
WIST4068	Valet Services	7501 N. Port Washington Rd	Glendale	53217	Milwaukee	3
WIST6059	Valvoline - Cudahy Packard	5506 S. Packard AVE	Cudahy	53110	Milwaukee	12
WIST6039	Valvoline - Delafield	2325 Sun Valley Dr	Delafield	53018	Waukesha	12
WIST3024	Valvoline - Greenfield	4839 S. 27th Street	Greenfield	53221	Milwaukee	0
WIST6037	Valvoline - Kenosha	3015 52nd St	Kenosha	53144	Kenosha	12
WIST2041	Valvoline - Pewaukee	1812 Silvernail Raod	Pewaukee	53072	Waukesha	12
WIST4054	Valvoline - Plymouth	1950 Eastern Ave	Plymouth	53073	Sheboygan	24
WIST7126	Valvoline - Racine	5920 21st St	Racine	53405	Racine	12
WIST3034	Valvoline - Sussex	N65 W24922 HIGHWAY VV	Sussex	53089	Waukesha	15
WIST2024	Valvoline - Waukesha	1951 E Main St	Waukesha	53186	Waukesha	12
WIST5089	Valvoline - West Bend	2795 E. Washington st	West Bend	53095	Washington	18
WIST1022	VI Auto Repair	1522 Wisconsin AVE	Grafton	53024	Ozaukee	18
WIST6067	Waterford Automotive	404 E. DIVISION ST.	Waterford	53185	Racine	12
WIST7070	Weissman Automotive	W140 N10455 Fond du Lac Ave.	Germantown	53022	Washington	15
WIST7073	Wilmot Auto Service Inc.	11307 Fox River Rd	Wilmot	53192	Kenosha	12
WIST1021	WISCO Automotive	925 Milwaukee Ave	Burlington	53105	Racine	12
WIST7075	Wisconsin Muffler - New Berlin	13320 W. College Ave.	New Berlin	53151	Waukesha	18
WIST1111	WISDOT	1001 West St. Paul Ave	Milwaukee	53233	Milwaukee	0
WIST2054	WIVIP Milwaukee South	9320 S 27TH ST	Oak Creek	53154	Milwaukee	42
WIST7076	WJ Kuhn Automotive Center Inc.	8511 S. Howell Ave.	Oak Creek	53154	Milwaukee	18
WIST2046	ZARATE' AUTO SALES	S91W22945 MILWAUKEE AVE	BIG BEND	53103	Waukesha	15
WIST2039	Zwekabin Automotive Service	3611 W. State St	Milwaukee	53208	Milwaukee	12