



# **MANITOBA INFRASTRUCTURE**

## **2019 CVSA INSPECTIONS**

**January 01, 2019 - December 31, 2019**

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<b>Inspection Results by Base Jurisdiction</b>	<b>1</b>
Defects for All Categories	2-3
Defects for the Pass Category	5
Defects for the Fail Category	6-7
Defects for the Out of Service Category	8-9
Out of Service Defects for the Out of Service Category	10-11
Fail Conditional Defects for the Out of Service Category	12-13
<b>Inspection Results for Manitoba Based Carriers</b>	<b>15</b>
Manitoba Carrier Defects for All Categories	16-17
Manitoba Carrier Defects for the Pass Category	19
Manitoba Carrier Defects for the Fail Category	20-21
Manitoba Carrier Defects for the Out of Service Category	22-23
Manitoba Carrier Out of Service Defects for the Out of Service Category	24-25
Manitoba Carrier Fail Conditional Defects for the Out of Service Category	26-27
<b>Inspection Results for Out of Province Based Carriers</b>	<b>29</b>
Out of Province Carrier Defects for All Categories	30-31
Out of Province Carrier Defects for the Pass Category	33
Out of Province Carrier Defects for the Fail Category	34-35
Out of Province Carrier Defects for the Out of Service Category	36-37
Out of Province Carrier Out of Service Defects for the Out of Service Category	38-39
Out of Province Carrier Fail Conditional Defects for the Out of Service Category	40-41
<b>Inspection Results by Registration Class</b>	<b>42-43</b>
A5 Straight Truck - Defects for All Categories	44-45
A5 Straight Truck - Out of Service Defects for the Out of Service Category	46-47
A6 Farm Truck - Defects for All Categories	48-49
A6 Farm Truck - Out of Service Defects for the Out of Service Category	50-51
AR (COMP)Regulated Passenger Vehicle - Defects for All Categories	52-53
AR (COMP)Regulated Passenger Vehicle - Out of Service Defects for the Out of Service Category	54-55
AR Regulated Passenger Vehicle - Defects for All Categories	56-57
AR Regulated Passenger Vehicle - Out of Service Defects for the Out of Service Category	58-59
C1 (COMP)Commercial Truck - Defects for All Categories	60-61
C1 (COMP)Commercial Truck - Out of Service Defects for the Out of Service Category	62-63
C1 Commercial Truck - Defects for All Categories	64-65
C1 Commercial Truck - Out of Service Defects for the Out of Service Category	66-67
C5 (COMP)Limited Commercial Truck - Defects for All Categories	68-69
C5 (COMP)Limited Commercial Truck - Out of Service Defects for the Out of Service Category	70-71
C5 Limited Commercial Truck - Defects for All Categories	72-73
C5 Limited Commercial Truck - Out of Service Defects for the Out of Service Category	74-75
P2 Public Service Bus - Defects for All Categories	76-77
P2 Public Service Bus - Out of Service Defects for the Out of Service Category	78-79
P4 Public Service Truck - Defects for All Categories	80-81
P4 Public Service Truck - Out of Service Defects for the Out of Service Category	82-83
P8 Limited Public Service Truck - Defects for All Categories	84-85
P8 Limited Public Service Truck - Out of Service Defects for the Out of Service Category	86-87
Light Duty Truck - Defects for All Categories	88-89
Light Duty Truck - Out of Service Defects for the Out of Service Category	90-91

## Legend:

Inspection Categories: Pass

    Fail

    Out of Service

    All - Includes all the above categories

Defect Results: Fail Conditional: A defect that must be repaired before the unit leaves the terminal for it's next trip.

    Out of Service: A defect that must be repaired before the unit is operated on a highway.

    Both: Includes both defect results

Carrier Jurisdiction is determined by the jurisdiction the vehicle is registered in.

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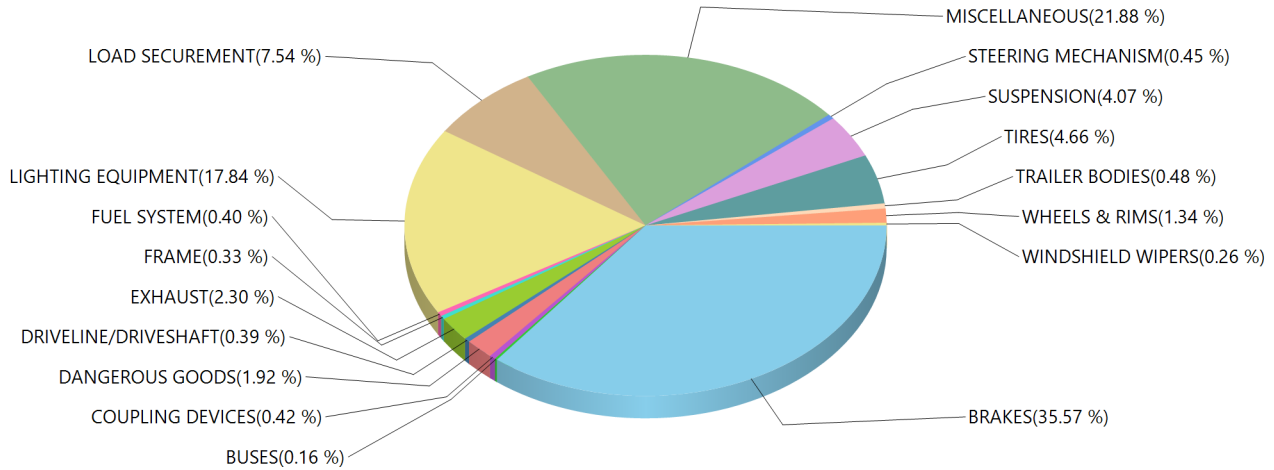
## 2019 CVSA Inspections

### Results By Base Jurisdiction

Truck Jurisdiction	Inspection Result			Total	Percentage (%)
	Pass	Fail	OOS		
Alberta	174	113	93	380	5.59%
Alabama	1	0	0	1	0.01%
Arizona	1	0	0	1	0.01%
Baja California Norte	1	0	0	1	0.01%
British Columbia	51	46	20	117	1.72%
California	1	0	1	2	0.03%
Georgia	1	0	2	3	0.04%
Illinois	9	5	4	18	0.26%
Indiana	5	0	3	8	0.12%
Kentucky	0	0	1	1	0.01%
Massachusetts	1	0	0	1	0.01%
Manitoba	2389	1633	1481	5503	80.90%
Michigan	1	0	0	1	0.01%
Minnesota	21	21	7	49	0.72%
Missouri	0	2	0	2	0.03%
Mississippi	0	1	1	2	0.03%
New Brunswick	20	11	9	40	0.59%
North Carolina	0	1	1	2	0.03%
North Dakota	20	11	6	37	0.54%
Nebraska	1	1	0	2	0.03%
Nova Scotia	4	5	1	10	0.15%
Nevada	0	1	0	1	0.01%
Ohio	1	0	1	2	0.03%
Ontario	112	102	44	258	3.79%
Oregon	1	0	0	1	0.01%
Pennsylvania	2	0	0	2	0.03%
Quebec	11	16	10	37	0.54%
South Carolina	0	1	0	1	0.01%
Saskatchewan	102	113	92	307	4.51%
Tennessee	1	0	0	1	0.01%
Texas	1	0	1	2	0.03%
Virginia	3	0	0	3	0.04%
Wisconsin	2	3	1	6	0.09%
<b>TOTALS</b>	<b>2937</b>	<b>2086</b>	<b>1779</b>	<b>6802</b>	<b>100%</b>
Percentage(%)	43.18%	30.67%	26.15%	100%	

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	3756
BUSES	17
COUPLING DEVICES	44
DANGEROUS GOODS	203
DRIVELINE/DRIVESHAFT	41
EXHAUST	243
FRAME	35
FUEL SYSTEM	42
LIGHTING EQUIPMENT	1884
LOAD SECUREMENT	796
MISCELLANEOUS	2310
STEERING MECHANISM	47
SUSPENSION	430
TIRES	492
TRAILER BODIES	51
WHEELS & RIMS	141
WINDSHIELD WIPERS	27

Defect Result:	BOTH
Total Defects:	10559
Total Reports:	6802
Defects / Reports:	1.55

# Number of Defects - CVSA Inspections '19

Inspection Result: ALL

Defect Result: BOTH



Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	3
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	6
3	03 - FASTENERS, STOPS, MOUNTING	5
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	2
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	25
6	06 - LEAK, LOCATION	243
7	07 - CROSS MEMBER-BROKEN, SAGGING	35
8	08 - FUEL SYSTEM LEAK, CAP MISSING	32
9	09 - UNSECURED TANK	10
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	1838
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	46
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	660
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	136
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	227
15	15 - HOSE, LINES, COUPLING, VALVES	443
16	16 - LINING, DRUMS, DISCS, ROTORS	50
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	40
18	18 - AUDIBLE AIR LEAK, PUSH ROD	1203
19	19 - SLACK ADJUSTER, CAM SHAFT	250
20	20 - PARK BRAKE, SPRING BRAKE	223
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	1185
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	135
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	8
24	24 - FRONT AXLE BEAM, PITMAN ARM	19
25	25 - POWER STEERING, BALL / SOCKET JOINTS	10
26	26 - TIE-RODS, DRAG LINKS, NUTS	7
27	27 - STEERING SYSTEM, C-DOLLY	3
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	247
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	36
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	147
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	22
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	16
33	33 - SIDE PANELS - BAY AREA DAMAGE	5
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	75
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	63
36	36 - ELONGATED HOLES, WELDED REPAIRS	3
37	37 - INOPERATIVE, MISSING, DAMAGED	27
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	492
39	39 - SHIPPING PAPERS	52
40	40 - PLACARDING	123
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	13
42	42 - WIRING AND ELECTRICAL CABLE, CONNECTION, PROTECTIVE GROMMET, MOUNTING, LUBRICANT LEAK	1
43	43 - BULK PACKAGES	13
44	44 - VEHICLE MARKINGS, ID NUMBER	2
45	45 - POISON INHALATION, NON AND BULK PACKAGING	1
46	46 - NON BULK PACKAGING, INTERGRITY	4
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	7
50	50 - EMERGENCY RESPONSE PLAN	1
52	52 - YOKE ENDS	12
53	53 - UNIVERSAL JOINT	23
54	54 - CENTER BEARING	5
55	55 - DRIVESHAFT TUBE	1
57	57 - LOOSE AND/ TEMP SEATING	3
58	58 - MOUNTING TO FRAME	1
59	59 - MOUNTING PLATES & PIVOT BRACKET	2
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	8
99	MISCELLANEOUS	2310

Total Defects: 10559

Total Reports: 6802

Defects / Reports: 1.55

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## Number of Defects - CVSA Inspections '19

Inspection Result: Pass

Defect Result: N/A



Defect Code	Defect Description	Count
99	MISCELLANEOUS	478

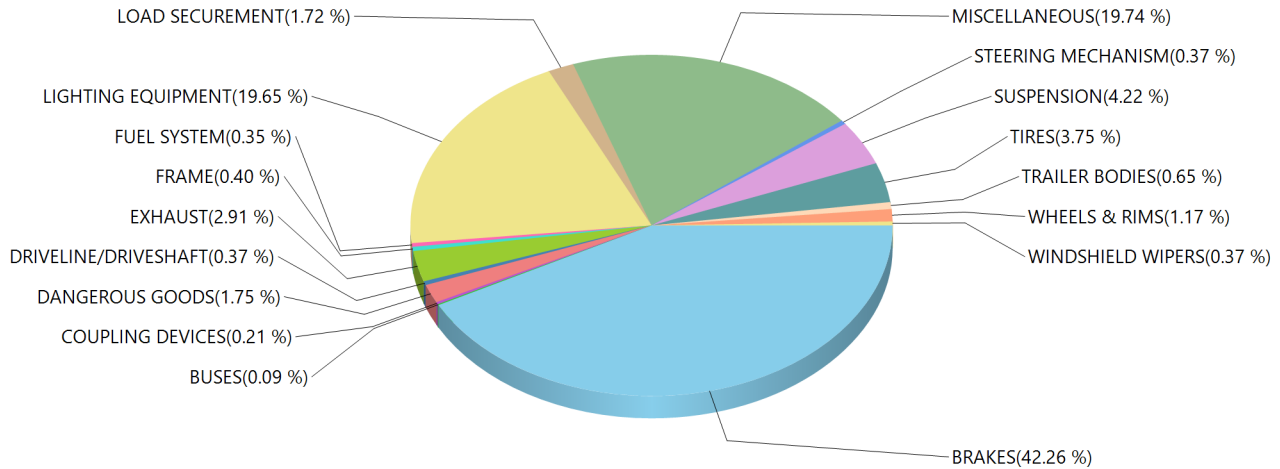
Total Defects: 478

Total Reports: 2937

Defects / Reports: 0.16

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Fail Conditional**



BRAKES	1813
BUSES	4
COUPLING DEVICES	9
DANGEROUS GOODS	75
DRIVELINE/DRIVESHAFT	16
EXHAUST	125
FRAME	17
FUEL SYSTEM	15
LIGHTING EQUIPMENT	843
LOAD SECUREMENT	74
MISCELLANEOUS	847
STEERING MECHANISM	16
SUSPENSION	181
TIRES	161
TRAILER BODIES	28
WHEELS & RIMS	50
WINDSHIELD WIPERS	16

Defect Result: **FAIL CONDITIONAL**  
 Total Defects: **4290**  
 Total Reports: **2086**  
 Defects / Reports: **2.06**

# Number of Defects - CVSA Inspections '19

Inspection Result: Fail Conditional

Defect Result: FAIL CONDITIONAL

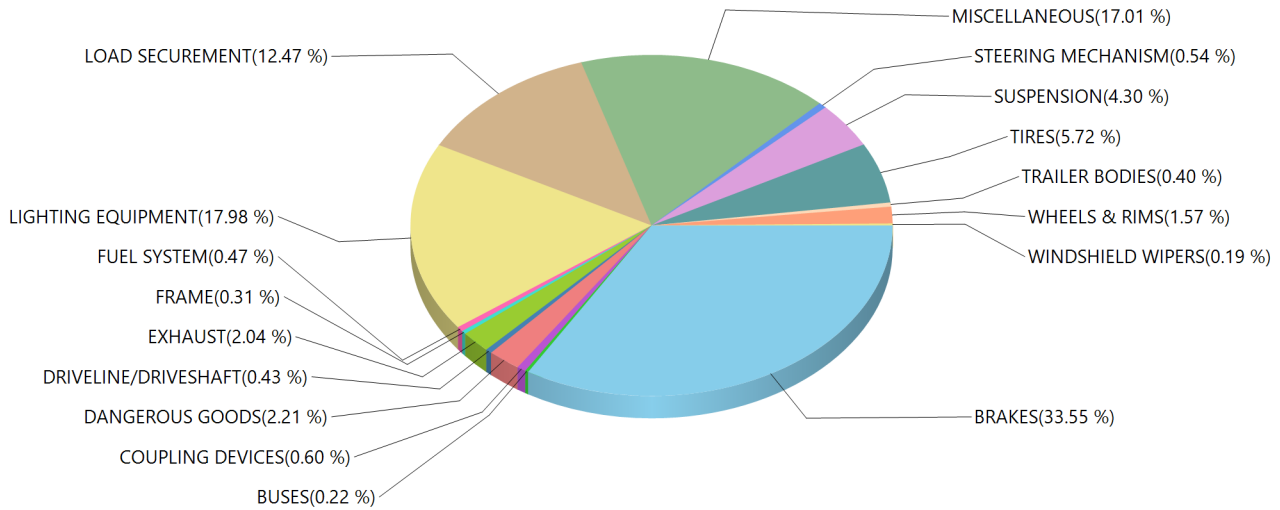


Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	1
3	03 - FASTENERS, STOPS, MOUNTING	4
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	2
6	06 - LEAK, LOCATION	125
7	07 - CROSS MEMBER-BROKEN, SAGGING	17
8	08 - FUEL SYSTEM LEAK, CAP MISSING	8
9	09 - UNSECURED TANK	7
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	821
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	22
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	53
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	21
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	76
15	15 - HOSE, LINES, COUPLING, VALVES	164
16	16 - LINING, DRUMS, DISCS, ROTORS	16
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	7
18	18 - AUDIBLE AIR LEAK, PUSH ROD	662
19	19 - SLACK ADJUSTER, CAM SHAFT	103
20	20 - PARK BRAKE, SPRING BRAKE	9
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	765
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	11
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	4
24	24 - FRONT AXLE BEAM, PITMAN ARM	3
25	25 - POWER STEERING, BALL / SOCKET JOINTS	4
26	26 - TIE-RODS, DRAG LINKS, NUTS	4
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	105
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	14
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	62
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	10
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	9
33	33 - SIDE PANELS - BAY AREA DAMAGE	2
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	28
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	22
37	37 - INOPERATIVE, MISSING, DAMAGED	16
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	161
39	39 - SHIPPING PAPERS	20
40	40 - PLACARDING	49
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	2
43	43 - BULK PACKAGES	5
46	46 - NON BULK PACKAGING, INTERGRITY	1
52	52 - YOKE ENDS	7
53	53 - UNIVERSAL JOINT	8
54	54 - CENTER BEARING	1
57	57 - LOOSE AND/ TEMP SEATING	2
58	58 - MOUNTING TO FRAME	1
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	7
99	MISCELLANEOUS	847

Total Defects:	4290
Total Reports:	2086
Defects / Reports:	2.06

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	1943
BUSES	13
COUPLING DEVICES	35
DANGEROUS GOODS	128
DRIVELINE/DRIVESHAFT	25
EXHAUST	118
FRAME	18
FUEL SYSTEM	27
LIGHTING EQUIPMENT	1041
LOAD SECUREMENT	722
MISCELLANEOUS	985
STEERING MECHANISM	31
SUSPENSION	249
TIRES	331
TRAILER BODIES	23
WHEELS & RIMS	91
WINDSHIELD WIPERS	11

Defect Result:	BOTH
Total Defects:	5791
Total Reports:	1779
Defects / Reports:	3.26

# Number of Defects - CVSA Inspections '19

Inspection Result: Out of Service

Defect Result: BOTH

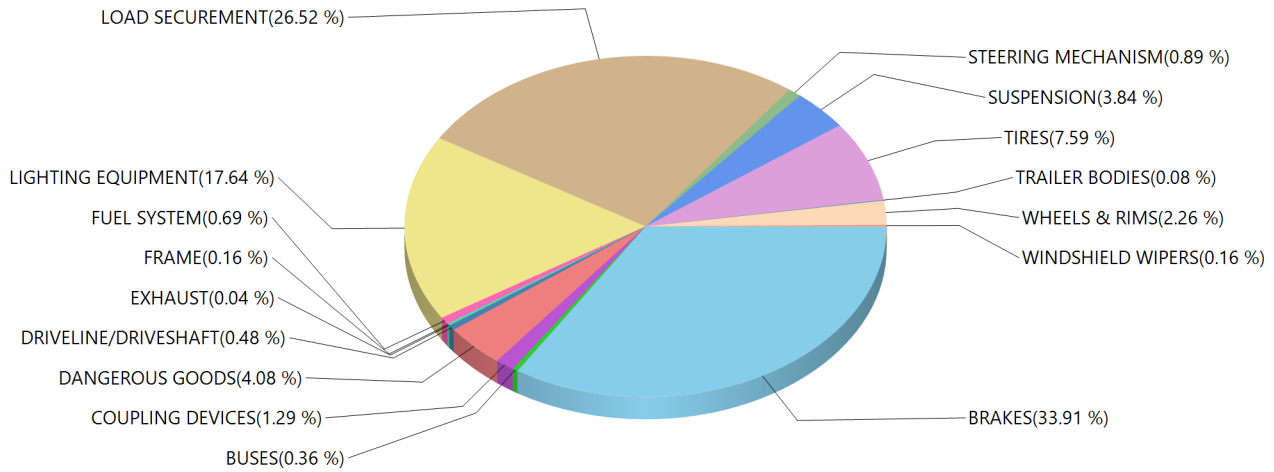


Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	2
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	5
3	03 - FASTENERS, STOPS, MOUNTING	1
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	2
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	23
6	06 - LEAK, LOCATION	118
7	07 - CROSS MEMBER-BROKEN, SAGGING	18
8	08 - FUEL SYSTEM LEAK, CAP MISSING	24
9	09 - UNSECURED TANK	3
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	1017
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	24
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	607
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	115
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	151
15	15 - HOSE, LINES, COUPLING, VALVES	279
16	16 - LINING, DRUMS, DISCS, ROTORS	34
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	33
18	18 - AUDIBLE AIR LEAK, PUSH ROD	541
19	19 - SLACK ADJUSTER, CAM SHAFT	147
20	20 - PARK BRAKE, SPRING BRAKE	214
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	420
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	124
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	4
24	24 - FRONT AXLE BEAM, PITMAN ARM	16
25	25 - POWER STEERING, BALL / SOCKET JOINTS	6
26	26 - TIE-RODS, DRAG LINKS, NUTS	3
27	27 - STEERING SYSTEM, C-DOLLY	2
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	142
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	22
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	85
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	12
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	7
33	33 - SIDE PANELS - BAY AREA DAMAGE	3
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	47
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	41
36	36 - ELONGATED HOLES, WELDED REPAIRS	3
37	37 - INOPERATIVE, MISSING, DAMAGED	11
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	331
39	39 - SHIPPING PAPERS	32
40	40 - PLACARDING	74
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	11
42	42 - WIRING AND ELECTRICAL CABLE, CONNECTION, PROTECTIVE GROMMET, MOUNTING, LUBRICANT LEAK	1
43	43 - BULK PACKAGES	8
44	44 - VEHICLE MARKINGS, ID NUMBER	2
45	45 - POISON INHALATION, NON AND BULK PACKAGING	1
46	46 - NON BULK PACKAGING, INTERGRITY	3
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	7
50	50 - EMERGENCY RESPONSE PLAN	1
52	52 - YOKE ENDS	5
53	53 - UNIVERSAL JOINT	15
54	54 - CENTER BEARING	4
55	55 - DRIVESHAFT TUBE	1
57	57 - LOOSE AND/ TEMP SEATING	1
59	59 - MOUNTING PLATES & PIVOT BRACKET	2
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	1
99	MISCELLANEOUS	985

Total Defects:	5791
Total Reports:	1779
Defects / Reports:	3.26

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	840
BUSES	9
COUPLING DEVICES	32
DANGEROUS GOODS	101
DRIVELINE/DRIVESHAFT	12
EXHAUST	1
FRAME	4
FUEL SYSTEM	17
LIGHTING EQUIPMENT	437
LOAD SECUREMENT	657
STEERING MECHANISM	22
SUSPENSION	95
TIRES	188
TRAILER BODIES	2
WHEELS & RIMS	56
WINDSHIELD WIPERS	4

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	2477
Total Reports:	1779
Defects / Reports:	1.39

# Number of Defects - CVSA Inspections '19

Inspection Result: Out of Service

Defect Result: OUT OF SERVICE



Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	2
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	3
3	03 - FASTENERS, STOPS, MOUNTING	1
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	2
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	22
6	06 - LEAK, LOCATION	1
7	07 - CROSS MEMBER-BROKEN, SAGGING	4
8	08 - FUEL SYSTEM LEAK, CAP MISSING	16
9	09 - UNSECURED TANK	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	426
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	11
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	562
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	95
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	80
15	15 - HOSE, LINES, COUPLING, VALVES	165
16	16 - LINING, DRUMS, DISCS, ROTORS	26
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	29
18	18 - AUDIBLE AIR LEAK, PUSH ROD	177
19	19 - SLACK ADJUSTER, CAM SHAFT	17
20	20 - PARK BRAKE, SPRING BRAKE	205
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	19
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	122
24	24 - FRONT AXLE BEAM, PITMAN ARM	16
25	25 - POWER STEERING, BALL / SOCKET JOINTS	2
26	26 - TIE-RODS, DRAG LINKS, NUTS	3
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	42
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	16
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	37
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	2
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	26
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	27
36	36 - ELONGATED HOLES, WELDED REPAIRS	3
37	37 - INOPERATIVE, MISSING, DAMAGED	4
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	188
39	39 - SHIPPING PAPERS	27
40	40 - PLACARDING	57
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	9
43	43 - BULK PACKAGES	4
44	44 - VEHICLE MARKINGS, ID NUMBER	2
45	45 - POISON INHALATION, NON AND BULK PACKAGING	1
46	46 - NON BULK PACKAGING, INTERGRITY	2
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	7
50	50 - EMERGENCY RESPONSE PLAN	1
52	52 - YOKE ENDS	2
53	53 - UNIVERSAL JOINT	9
54	54 - CENTER BEARING	1
59	59 - MOUNTING PLATES & PIVOT BRACKET	2

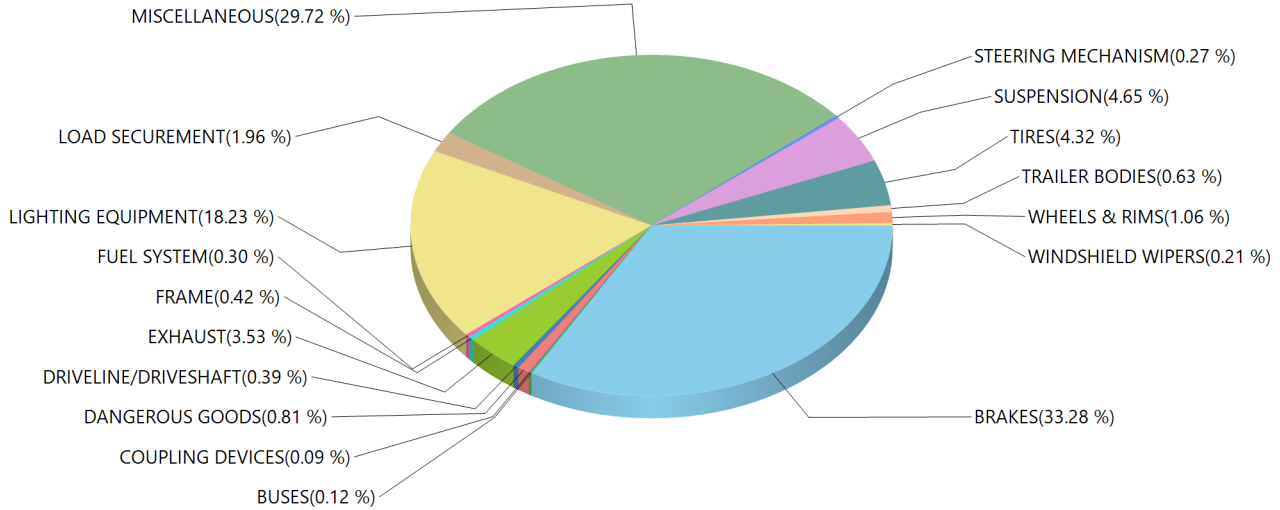
Total Defects: 2477

Total Reports: 1779

Defects / Reports: 1.39

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	1103
BUSES	4
COUPLING DEVICES	3
DANGEROUS GOODS	27
DRIVELINE/DRIVESHAFT	13
EXHAUST	117
FRAME	14
FUEL SYSTEM	10
LIGHTING EQUIPMENT	604
LOAD SECUREMENT	65
MISCELLANEOUS	985
STEERING MECHANISM	9
SUSPENSION	154
TIRES	143
TRAILER BODIES	21
WHEELS & RIMS	35
WINDSHIELD WIPERS	7

Defect Result: **FAIL CONDITIONAL**  
 Total Defects: **3314**  
 Total Reports: **1779**  
 Defects / Reports: **1.86**



# Number of Defects - CVSA Inspections '19

Inspection Result: Out of Service

Defect Result: FAIL CONDITIONAL



Defect Code	Defect Description	Count
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	2
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	1
6	06 - LEAK, LOCATION	117
7	07 - CROSS MEMBER-BROKEN, SAGGING	14
8	08 - FUEL SYSTEM LEAK, CAP MISSING	8
9	09 - UNSECURED TANK	2
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	591
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	13
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	45
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	20
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	71
15	15 - HOSE, LINES, COUPLING, VALVES	114
16	16 - LINING, DRUMS, DISCS, ROTORS	8
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	4
18	18 - AUDIBLE AIR LEAK, PUSH ROD	364
19	19 - SLACK ADJUSTER, CAM SHAFT	130
20	20 - PARK BRAKE, SPRING BRAKE	9
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	401
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	2
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	4
25	25 - POWER STEERING, BALL / SOCKET JOINTS	4
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	100
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	6
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	48
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	10
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	7
33	33 - SIDE PANELS - BAY AREA DAMAGE	3
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	21
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	14
37	37 - INOPERATIVE, MISSING, DAMAGED	7
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	143
39	39 - SHIPPING PAPERS	5
40	40 - PLACARDING	17
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	2
42	42 - WIRING AND ELECTRICAL CABLE, CONNECTION, PROTECTIVE GROMMET, MOUNTING, LUBRICANT LEAK	1
43	43 - BULK PACKAGES	4
46	46 - NON BULK PACKAGING, INTERGRITY	1
52	52 - YOKE ENDS	3
53	53 - UNIVERSAL JOINT	6
54	54 - CENTER BEARING	3
55	55 - DRIVESHAFT TUBE	1
57	57 - LOOSE AND/ TEMP SEATING	1
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	1
99	MISCELLANEOUS	985

Total Defects:	3314
Total Reports:	1779
Defects / Reports:	1.86

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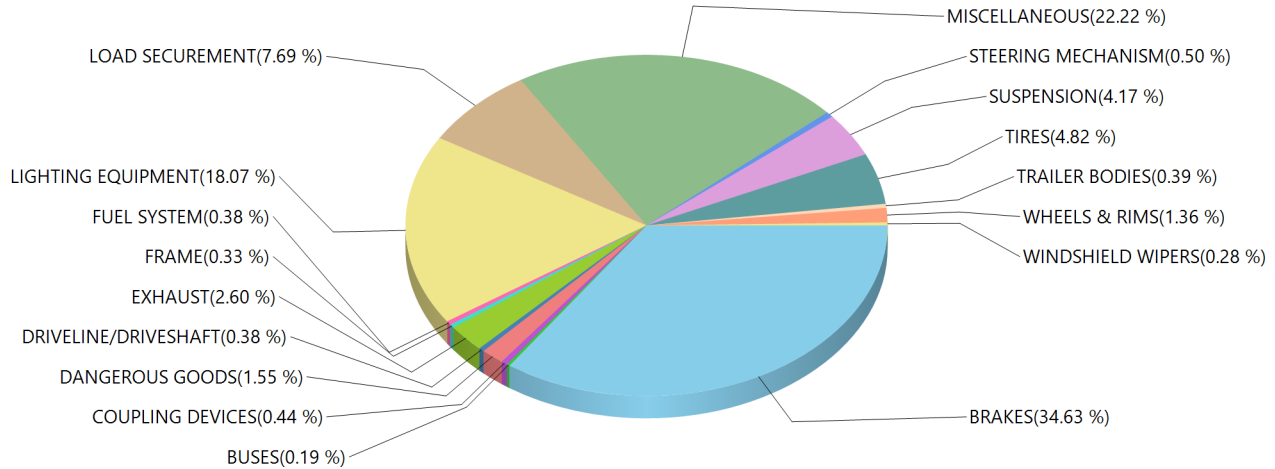
## 2019 CVSA Inspections

### Inspection Results For Manitoba Carriers

Category	Inspection Result			Total
	Pass	Fail	OOS	
Reports	2389	1633	1481	5503
Percentage of Reports	43.41%	29.67%	26.91%	100%
Defects	413	3434	4926	8773
Defects per Report	0.17	2.10	3.33	1.59

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	3038
BUSES	17
COUPLING DEVICES	39
DANGEROUS GOODS	136
DRIVELINE/DRIVESHAFT	33
EXHAUST	228
FRAME	29
FUEL SYSTEM	33
LIGHTING EQUIPMENT	1585
LOAD SECUREMENT	675
MISCELLANEOUS	1949
STEERING MECHANISM	44
SUSPENSION	366
TIRES	423
TRAILER BODIES	34
WHEELS & RIMS	119
WINDSHIELD WIPERS	25

Defect Result:	BOTH
Total Defects:	8773
Total Reports:	5503
Defects / Reports:	1.59

## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Manitoba  
Inspection Result: ALL

Defect Result: BOTH

Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	2
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	5
3	03 - FASTENERS, STOPS, MOUNTING	5
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	2
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	22
6	06 - LEAK, LOCATION	228
7	07 - CROSS MEMBER-BROKEN, SAGGING	29
8	08 - FUEL SYSTEM LEAK, CAP MISSING	24
9	09 - UNSECURED TANK	9
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	1546
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	39
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	554
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	121
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	201
15	15 - HOSE, LINES, COUPLING, VALVES	333
16	16 - LINING, DRUMS, DISCS, ROTORS	35
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	34
18	18 - AUDIBLE AIR LEAK, PUSH ROD	998
19	19 - SLACK ADJUSTER, CAM SHAFT	211
20	20 - PARK BRAKE, SPRING BRAKE	203
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	902
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	121
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	8
24	24 - FRONT AXLE BEAM, PITMAN ARM	17
25	25 - POWER STEERING, BALL / SOCKET JOINTS	10
26	26 - TIE-RODS, DRAG LINKS, NUTS	7
27	27 - STEERING SYSTEM, C-DOLLY	2
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	222
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	31
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	113
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	13
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	13
33	33 - SIDE PANELS - BAY AREA DAMAGE	4
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	65
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	51
36	36 - ELONGATED HOLES, WELDED REPAIRS	3
37	37 - INOPERATIVE, MISSING, DAMAGED	25
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	423
39	39 - SHIPPING PAPERS	35
40	40 - PLACARDING	75
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	13
42	42 - WIRING AND ELECTRICAL CABLE, CONNECTION, PROTECTIVE GROMMET, MOUNTING, LUBRICANT LEAK	1
43	43 - BULK PACKAGES	13
44	44 - VEHICLE MARKINGS, ID NUMBER	2
45	45 - POISON INHALATION, NON AND BULK PACKAGING	1
46	46 - NON BULK PACKAGING, INTERGRITY	4
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	5
50	50 - EMERGENCY RESPONSE PLAN	1
52	52 - YOKE ENDS	10
53	53 - UNIVERSAL JOINT	19
54	54 - CENTER BEARING	4
57	57 - LOOSE AND/ TEMP SEATING	3
58	58 - MOUNTING TO FRAME	1
59	59 - MOUNTING PLATES & PIVOT BRACKET	2
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	4
99	MISCELLANEOUS	1949

Total Defects:	8773
Total Reports:	5503
Defects / Reports:	1.59

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## Number of Defects - CVSA Inspections '19

Carrier Jurisdiction - Manitoba

Inspection Result: Pass

Defect Result: N/A



Defect Code	Defect Description	Count
99	MISCELLANEOUS	413

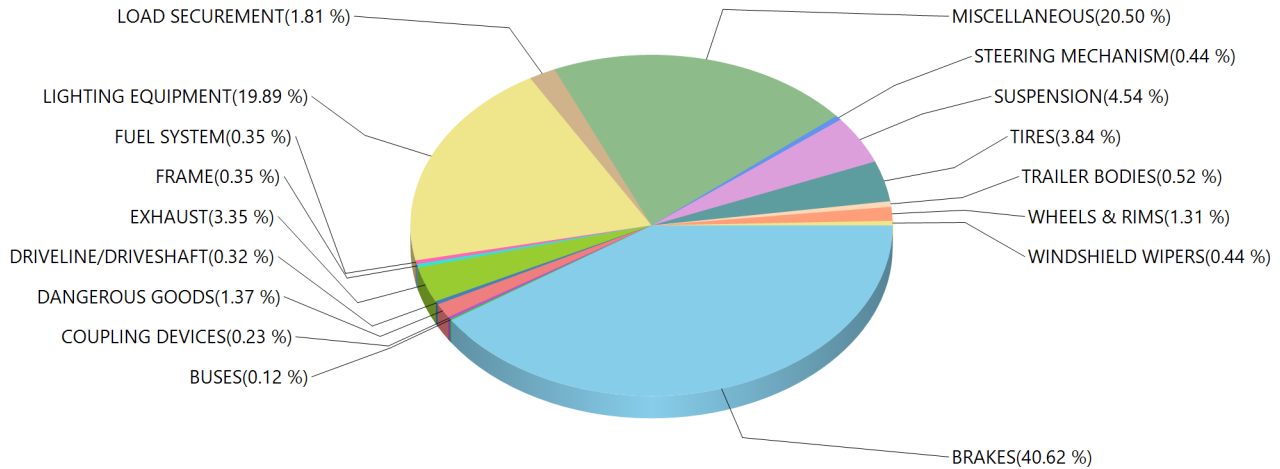
Total Defects: 413

Total Reports: 2389

Defects / Reports: 0.17

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Fail Conditional**



BRAKES	1395
BUSES	4
COUPLING DEVICES	8
DANGEROUS GOODS	47
DRIVELINE/DRIVESHAFT	11
EXHAUST	115
FRAME	12
FUEL SYSTEM	12
LIGHTING EQUIPMENT	683
LOAD SECUREMENT	62
MISCELLANEOUS	704
STEERING MECHANISM	15
SUSPENSION	156
TIRES	132
TRAILER BODIES	18
WHEELS & RIMS	45
WINDSHIELD WIPERS	15

Defect Result: **FAIL CONDITIONAL**  
 Total Defects: **3434**  
 Total Reports: **1633**  
 Defects / Reports: **2.10**



## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Manitoba  
Inspection Result: Fail Conditional

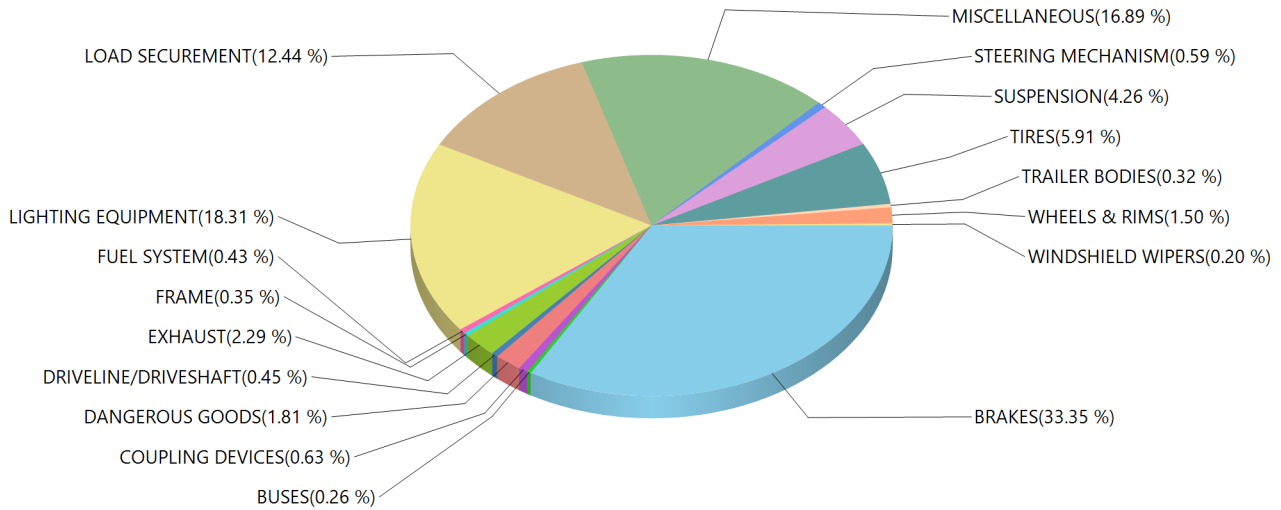
Defect Result: FAIL CONDITIONAL

Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
3	03 - FASTENERS, STOPS, MOUNTING	4
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	2
6	06 - LEAK, LOCATION	115
7	07 - CROSS MEMBER-BROKEN, SAGGING	12
8	08 - FUEL SYSTEM LEAK, CAP MISSING	6
9	09 - UNSECURED TANK	6
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	664
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	19
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	43
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	19
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	67
15	15 - HOSE, LINES, COUPLING, VALVES	116
16	16 - LINING, DRUMS, DISCS, ROTORS	8
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	6
18	18 - AUDIBLE AIR LEAK, PUSH ROD	534
19	19 - SLACK ADJUSTER, CAM SHAFT	81
20	20 - PARK BRAKE, SPRING BRAKE	6
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	570
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	7
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	4
24	24 - FRONT AXLE BEAM, PITMAN ARM	2
25	25 - POWER STEERING, BALL / SOCKET JOINTS	4
26	26 - TIE-RODS, DRAG LINKS, NUTS	4
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	92
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	12
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	52
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	7
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	7
33	33 - SIDE PANELS - BAY AREA DAMAGE	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	26
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	19
37	37 - INOPERATIVE, MISSING, DAMAGED	15
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	132
39	39 - SHIPPING PAPERS	12
40	40 - PLACARDING	29
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	2
43	43 - BULK PACKAGES	5
46	46 - NON BULK PACKAGING, INTERGRITY	1
52	52 - YOKE ENDS	5
53	53 - UNIVERSAL JOINT	5
54	54 - CENTER BEARING	1
57	57 - LOOSE AND/ TEMP SEATING	2
58	58 - MOUNTING TO FRAME	1
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	3
99	MISCELLANEOUS	704

Total Defects:	3434
Total Reports:	1633
Defects / Reports:	2.10

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	1643
BUSES	13
COUPLING DEVICES	31
DANGEROUS GOODS	89
DRIVELINE/DRIVESHAFT	22
EXHAUST	113
FRAME	17
FUEL SYSTEM	21
LIGHTING EQUIPMENT	902
LOAD SECUREMENT	613
MISCELLANEOUS	832
STEERING MECHANISM	29
SUSPENSION	210
TIRES	291
TRAILER BODIES	16
WHEELS & RIMS	74
WINDSHIELD WIPERS	10

Defect Result:	BOTH
Total Defects:	4926
Total Reports:	1481
Defects / Reports:	3.33

## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Manitoba  
Inspection Result: Out of Service

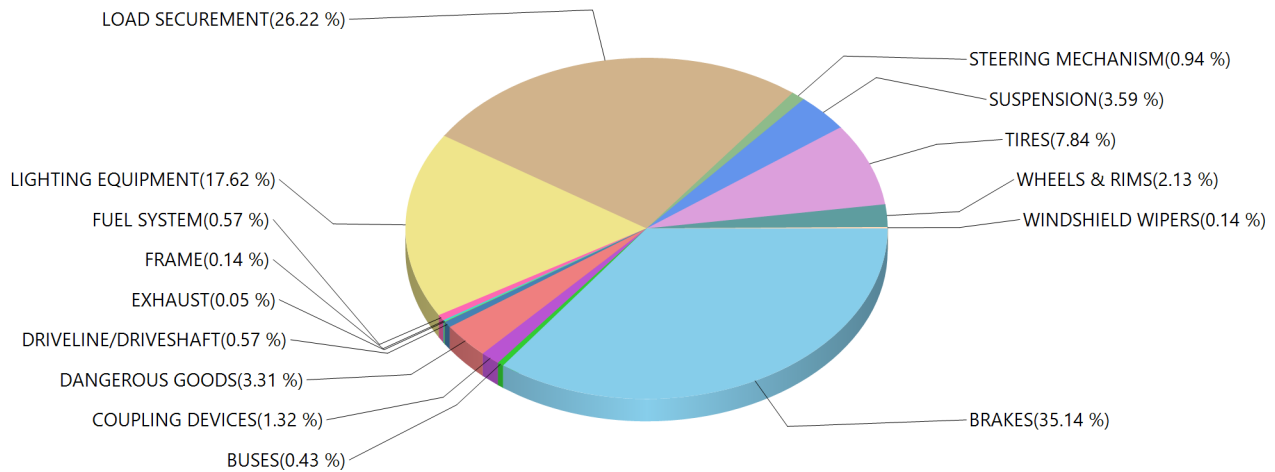
Defect Result: BOTH

Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	5
3	03 - FASTENERS, STOPS, MOUNTING	1
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	2
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	20
6	06 - LEAK, LOCATION	113
7	07 - CROSS MEMBER-BROKEN, SAGGING	17
8	08 - FUEL SYSTEM LEAK, CAP MISSING	18
9	09 - UNSECURED TANK	3
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	882
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	20
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	511
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	102
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	134
15	15 - HOSE, LINES, COUPLING, VALVES	217
16	16 - LINING, DRUMS, DISCS, ROTORS	27
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	28
18	18 - AUDIBLE AIR LEAK, PUSH ROD	464
19	19 - SLACK ADJUSTER, CAM SHAFT	130
20	20 - PARK BRAKE, SPRING BRAKE	197
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	332
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	114
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	4
24	24 - FRONT AXLE BEAM, PITMAN ARM	15
25	25 - POWER STEERING, BALL / SOCKET JOINTS	6
26	26 - TIE-RODS, DRAG LINKS, NUTS	3
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	130
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	19
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	61
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	6
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	6
33	33 - SIDE PANELS - BAY AREA DAMAGE	3
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	39
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	32
36	36 - ELONGATED HOLES, WELDED REPAIRS	3
37	37 - INOPERATIVE, MISSING, DAMAGED	10
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	291
39	39 - SHIPPING PAPERS	23
40	40 - PLACARDING	46
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	11
42	42 - WIRING AND ELECTRICAL CABLE, CONNECTION, PROTECTIVE GROMMET, MOUNTING, LUBRICANT LEAK	1
43	43 - BULK PACKAGES	8
44	44 - VEHICLE MARKINGS, ID NUMBER	2
45	45 - POISON INHALATION, NON AND BULK PACKAGING	1
46	46 - NON BULK PACKAGING, INTERGRITY	3
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	5
50	50 - EMERGENCY RESPONSE PLAN	1
52	52 - YOKE ENDS	5
53	53 - UNIVERSAL JOINT	14
54	54 - CENTER BEARING	3
57	57 - LOOSE AND/ TEMP SEATING	1
59	59 - MOUNTING PLATES & PIVOT BRACKET	2
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	1
99	MISCELLANEOUS	832

Total Defects: 4926  
Total Reports: 1481  
Defects / Reports: 3.33

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	744
BUSES	9
COUPLING DEVICES	28
DANGEROUS GOODS	70
DRIVELINE/DRIVESHAFT	12
EXHAUST	1
FRAME	3
FUEL SYSTEM	12
LIGHTING EQUIPMENT	373
LOAD SECUREMENT	555
STEERING MECHANISM	20
SUSPENSION	76
TIRES	166
WHEELS & RIMS	45
WINDSHIELD WIPERS	3

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	2117
Total Reports:	1481
Defects / Reports:	1.43

## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Manitoba  
Inspection Result: Out of Service

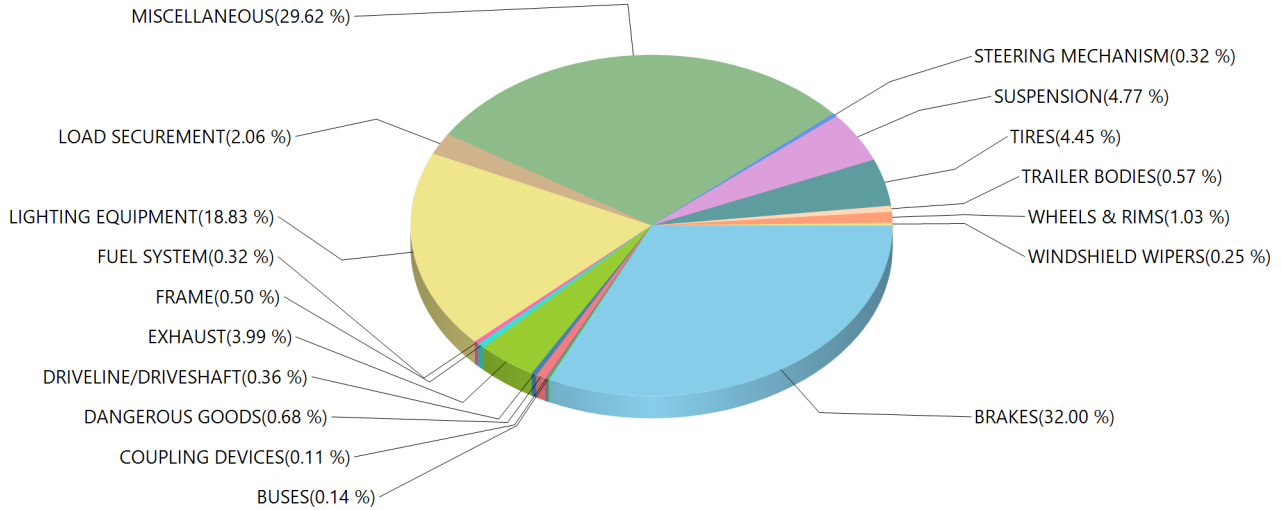
Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	3
3	03 - FASTENERS, STOPS, MOUNTING	1
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	2
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	19
6	06 - LEAK, LOCATION	1
7	07 - CROSS MEMBER-BROKEN, SAGGING	3
8	08 - FUEL SYSTEM LEAK, CAP MISSING	11
9	09 - UNSECURED TANK	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	364
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	9
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	471
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	84
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	71
15	15 - HOSE, LINES, COUPLING, VALVES	134
16	16 - LINING, DRUMS, DISCS, ROTORS	22
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	25
18	18 - AUDIBLE AIR LEAK, PUSH ROD	158
19	19 - SLACK ADJUSTER, CAM SHAFT	14
20	20 - PARK BRAKE, SPRING BRAKE	189
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	19
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	112
24	24 - FRONT AXLE BEAM, PITMAN ARM	15
25	25 - POWER STEERING, BALL / SOCKET JOINTS	2
26	26 - TIE-RODS, DRAG LINKS, NUTS	3
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	37
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	13
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	26
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	22
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	20
36	36 - ELONGATED HOLES, WELDED REPAIRS	3
37	37 - INOPERATIVE, MISSING, DAMAGED	3
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	166
39	39 - SHIPPING PAPERS	19
40	40 - PLACARDING	36
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	9
43	43 - BULK PACKAGES	4
44	44 - VEHICLE MARKINGS, ID NUMBER	2
45	45 - POISON INHALATION, NON AND BULK PACKAGING	1
46	46 - NON BULK PACKAGING, INTERGRITY	2
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	5
50	50 - EMERGENCY RESPONSE PLAN	1
52	52 - YOKE ENDS	2
53	53 - UNIVERSAL JOINT	9
54	54 - CENTER BEARING	1
59	59 - MOUNTING PLATES & PIVOT BRACKET	2

Total Defects:	2117
Total Reports:	1481
Defects / Reports:	1.43

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	899
BUSES	4
COUPLING DEVICES	3
DANGEROUS GOODS	19
DRIVELINE/DRIVESHAFT	10
EXHAUST	112
FRAME	14
FUEL SYSTEM	9
LIGHTING EQUIPMENT	529
LOAD SECUREMENT	58
MISCELLANEOUS	832
STEERING MECHANISM	9
SUSPENSION	134
TIRES	125
TRAILER BODIES	16
WHEELS & RIMS	29
WINDSHIELD WIPERS	7

Defect Result: **FAIL CONDITIONAL**  
 Total Defects: **2809**  
 Total Reports: **1481**  
 Defects / Reports: **1.90**

## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Manitoba  
Inspection Result: Out of Service

Defect Result: FAIL CONDITIONAL

Defect Code	Defect Description	Count
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	2
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	1
6	06 - LEAK, LOCATION	112
7	07 - CROSS MEMBER-BROKEN, SAGGING	14
8	08 - FUEL SYSTEM LEAK, CAP MISSING	7
9	09 - UNSECURED TANK	2
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	518
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	11
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	40
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	18
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	63
15	15 - HOSE, LINES, COUPLING, VALVES	83
16	16 - LINING, DRUMS, DISCS, ROTORS	5
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	3
18	18 - AUDIBLE AIR LEAK, PUSH ROD	306
19	19 - SLACK ADJUSTER, CAM SHAFT	116
20	20 - PARK BRAKE, SPRING BRAKE	8
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	313
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	2
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	4
25	25 - POWER STEERING, BALL / SOCKET JOINTS	4
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	93
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	6
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	35
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	6
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	6
33	33 - SIDE PANELS - BAY AREA DAMAGE	3
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	17
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	12
37	37 - INOPERATIVE, MISSING, DAMAGED	7
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	125
39	39 - SHIPPING PAPERS	4
40	40 - PLACARDING	10
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	2
42	42 - WIRING AND ELECTRICAL CABLE, CONNECTION, PROTECTIVE GROMMET, MOUNTING, LUBRICANT LEAK	1
43	43 - BULK PACKAGES	4
46	46 - NON BULK PACKAGING, INTERGRITY	1
52	52 - YOKE ENDS	3
53	53 - UNIVERSAL JOINT	5
54	54 - CENTER BEARING	2
57	57 - LOOSE AND/ TEMP SEATING	1
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	1
99	MISCELLANEOUS	832

Total Defects: 2809

Total Reports: 1481

Defects / Reports: 1.90

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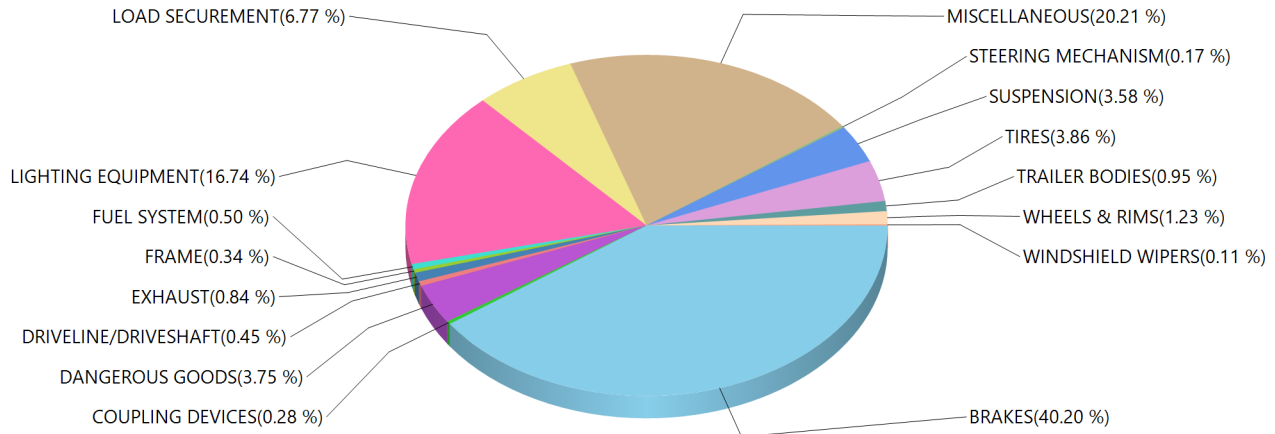
# 2019 CVSA Inspections

## Inspection Results For Out of Province Carriers

Category	Inspection Result			Total
	Pass	Fail	OOS	
Reports	548	453	298	1299
Percentage of Reports	42.19%	34.87%	22.94%	100%
Defects	65	856	865	1786
Defects per Report	0.12	1.89	2.90	1.37

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	718
COUPLING DEVICES	5
DANGEROUS GOODS	67
DRIVELINE/DRIVESHAFT	8
EXHAUST	15
FRAME	6
FUEL SYSTEM	9
LIGHTING EQUIPMENT	299
LOAD SECUREMENT	121
MISCELLANEOUS	361
STEERING MECHANISM	3
SUSPENSION	64
TIRES	69
TRAILER BODIES	17
WHEELS & RIMS	22
WINDSHIELD WIPERS	2

Defect Result:	BOTH
Total Defects:	1786
Total Reports:	1299
Defects / Reports:	1.37

## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Out of Province

Inspection Result: ALL

Defect Result: BOTH

Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	1
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	3
6	06 - LEAK, LOCATION	15
7	07 - CROSS MEMBER-BROKEN, SAGGING	6
8	08 - FUEL SYSTEM LEAK, CAP MISSING	8
9	09 - UNSECURED TANK	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	292
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	7
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	106
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	15
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	26
15	15 - HOSE, LINES, COUPLING, VALVES	110
16	16 - LINING, DRUMS, DISCS, ROTORS	15
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	6
18	18 - AUDIBLE AIR LEAK, PUSH ROD	205
19	19 - SLACK ADJUSTER, CAM SHAFT	39
20	20 - PARK BRAKE, SPRING BRAKE	20
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	283
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	14
24	24 - FRONT AXLE BEAM, PITMAN ARM	2
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	25
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	5
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	34
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	9
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	3
33	33 - SIDE PANELS - BAY AREA DAMAGE	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	10
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	12
37	37 - INOPERATIVE, MISSING, DAMAGED	2
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	69
39	39 - SHIPPING PAPERS	17
40	40 - PLACARDING	48
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	2
52	52 - YOKE ENDS	2
53	53 - UNIVERSAL JOINT	4
54	54 - CENTER BEARING	1
55	55 - DRIVESHAFT TUBE	1
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	4
99	MISCELLANEOUS	361

Total Defects: 1786

Total Reports: 1299

Defects / Reports: 1.37

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for the purpose of duplex printing*

## Number of Defects - CVSA Inspections '19

Carrier Jurisdiction - Out of Province

Inspection Result: Pass

Defect Result: N/A



Defect Code	Defect Description	Count
99	MISCELLANEOUS	65

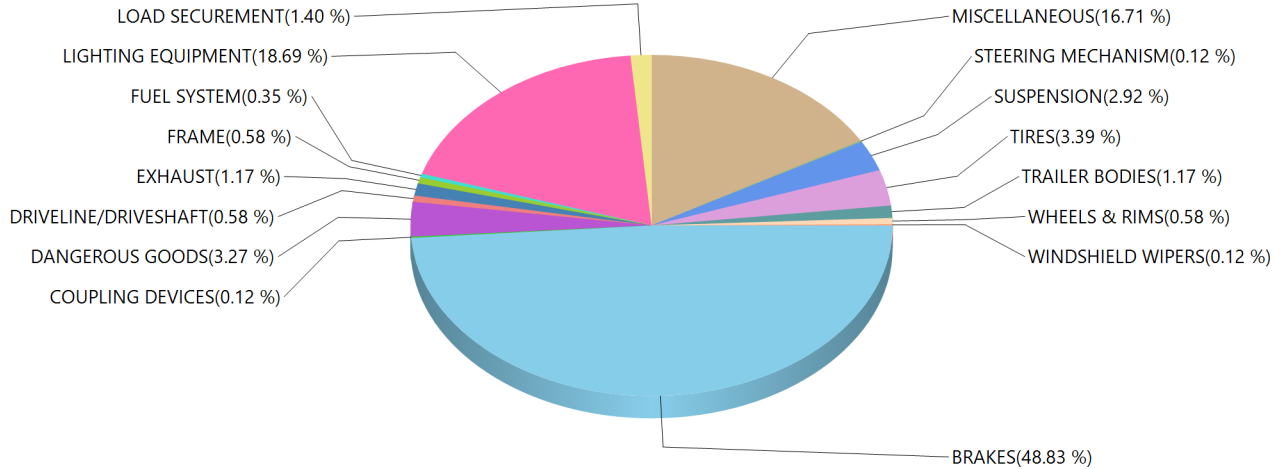
Total Defects: 65

Total Reports: 548

Defects / Reports: 0.12

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Fail Conditional**



BRAKES	418
COUPLING DEVICES	1
DANGEROUS GOODS	28
DRIVELINE/DRIVESHAFT	5
EXHAUST	10
FRAME	5
FUEL SYSTEM	3
LIGHTING EQUIPMENT	160
LOAD SECUREMENT	12
MISCELLANEOUS	143
STEERING MECHANISM	1
SUSPENSION	25
TIRES	29
TRAILER BODIES	10
WHEELS & RIMS	5
WINDSHIELD WIPERS	1

Defect Result: **FAIL CONDITIONAL**  
 Total Defects: **856**  
 Total Reports: **453**  
 Defects / Reports: **1.89**

## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Out of Province  
Inspection Result: Fail Conditional

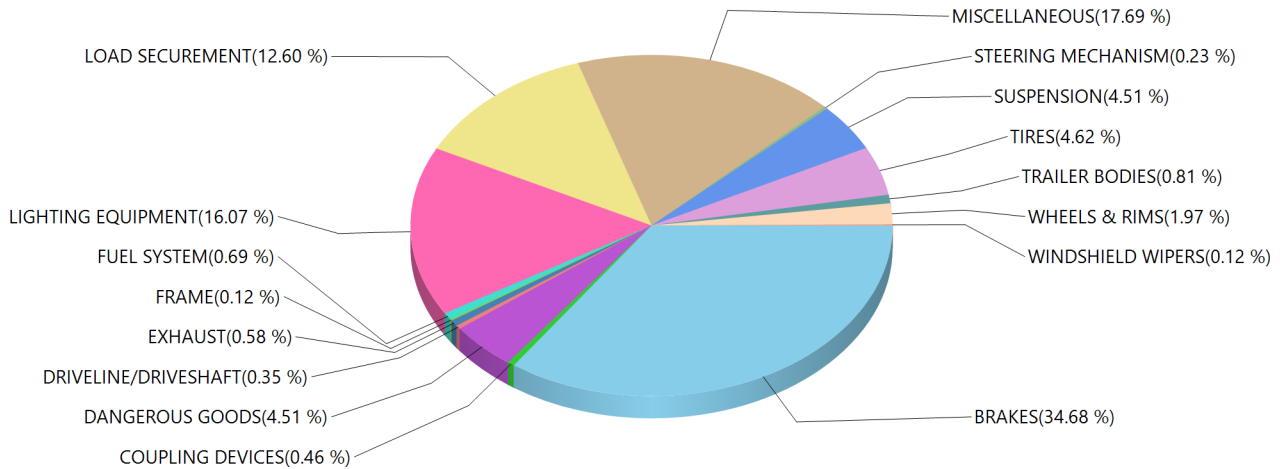
Defect Result: FAIL CONDITIONAL

Defect Code	Defect Description	Count
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	1
6	06 - LEAK, LOCATION	10
7	07 - CROSS MEMBER-BROKEN, SAGGING	5
8	08 - FUEL SYSTEM LEAK, CAP MISSING	2
9	09 - UNSECURED TANK	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	157
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	3
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	10
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	2
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	9
15	15 - HOSE, LINES, COUPLING, VALVES	48
16	16 - LINING, DRUMS, DISCS, ROTORS	8
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	1
18	18 - AUDIBLE AIR LEAK, PUSH ROD	128
19	19 - SLACK ADJUSTER, CAM SHAFT	22
20	20 - PARK BRAKE, SPRING BRAKE	3
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	195
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	4
24	24 - FRONT AXLE BEAM, PITMAN ARM	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	13
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	2
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	10
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	3
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	2
33	33 - SIDE PANELS - BAY AREA DAMAGE	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	2
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	3
37	37 - INOPERATIVE, MISSING, DAMAGED	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	29
39	39 - SHIPPING PAPERS	8
40	40 - PLACARDING	20
52	52 - YOKE ENDS	2
53	53 - UNIVERSAL JOINT	3
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	4
99	MISCELLANEOUS	143

Total Defects:	856
Total Reports:	453
Defects / Reports:	1.89

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	300
COUPLING DEVICES	4
DANGEROUS GOODS	39
DRIVELINE/DRIVESHAFT	3
EXHAUST	5
FRAME	1
FUEL SYSTEM	6
LIGHTING EQUIPMENT	139
LOAD SECUREMENT	109
MISCELLANEOUS	153
STEERING MECHANISM	2
SUSPENSION	39
TIRES	40
TRAILER BODIES	7
WHEELS & RIMS	17
WINDSHIELD WIPERS	1

Defect Result:	BOTH
Total Defects:	865
Total Reports:	298
Defects / Reports:	2.90



## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Out of Province  
 Inspection Result: Out of Service

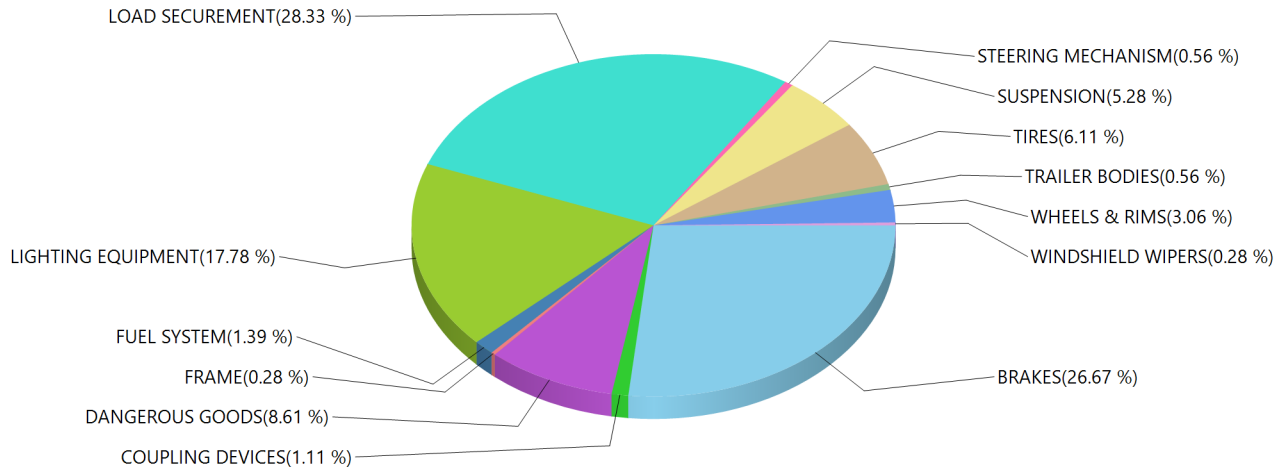
Defect Result: BOTH

Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	3
6	06 - LEAK, LOCATION	5
7	07 - CROSS MEMBER-BROKEN, SAGGING	1
8	08 - FUEL SYSTEM LEAK, CAP MISSING	6
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	135
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	4
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	96
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	13
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	17
15	15 - HOSE, LINES, COUPLING, VALVES	62
16	16 - LINING, DRUMS, DISCS, ROTORS	7
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	5
18	18 - AUDIBLE AIR LEAK, PUSH ROD	77
19	19 - SLACK ADJUSTER, CAM SHAFT	17
20	20 - PARK BRAKE, SPRING BRAKE	17
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	88
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	10
24	24 - FRONT AXLE BEAM, PITMAN ARM	1
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	12
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	3
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	24
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	6
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	8
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	9
37	37 - INOPERATIVE, MISSING, DAMAGED	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	40
39	39 - SHIPPING PAPERS	9
40	40 - PLACARDING	28
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	2
53	53 - UNIVERSAL JOINT	1
54	54 - CENTER BEARING	1
55	55 - DRIVESHAFT TUBE	1
99	MISCELLANEOUS	153

Total Defects:	865
Total Reports:	298
Defects / Reports:	2.90

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	96
COUPLING DEVICES	4
DANGEROUS GOODS	31
FRAME	1
FUEL SYSTEM	5
LIGHTING EQUIPMENT	64
LOAD SECUREMENT	102
STEERING MECHANISM	2
SUSPENSION	19
TIRES	22
TRAILER BODIES	2
WHEELS & RIMS	11
WINDSHIELD WIPERS	1

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	360
Total Reports:	298
Defects / Reports:	1.21

## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Out of Province  
Inspection Result: Out of Service

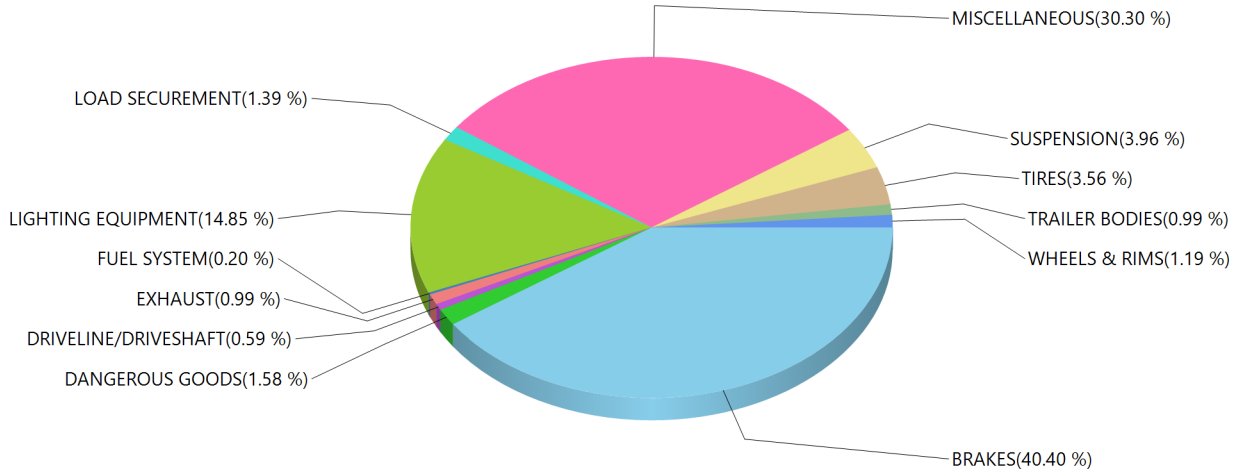
Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	3
7	07 - CROSS MEMBER-BROKEN, SAGGING	1
8	08 - FUEL SYSTEM LEAK, CAP MISSING	5
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	62
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	2
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	91
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	11
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	9
15	15 - HOSE, LINES, COUPLING, VALVES	31
16	16 - LINING, DRUMS, DISCS, ROTORS	4
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	4
18	18 - AUDIBLE AIR LEAK, PUSH ROD	19
19	19 - SLACK ADJUSTER, CAM SHAFT	3
20	20 - PARK BRAKE, SPRING BRAKE	16
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	10
24	24 - FRONT AXLE BEAM, PITMAN ARM	1
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	5
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	3
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	11
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	2
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	4
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	7
37	37 - INOPERATIVE, MISSING, DAMAGED	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	22
39	39 - SHIPPING PAPERS	8
40	40 - PLACARDING	21
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	2

Total Defects:	360
Total Reports:	298
Defects / Reports:	1.21

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	204
DANGEROUS GOODS	8
DRIVELINE/DRIVESHAFT	3
EXHAUST	5
FUEL SYSTEM	1
LIGHTING EQUIPMENT	75
LOAD SECUREMENT	7
MISCELLANEOUS	153
SUSPENSION	20
TIRES	18
TRAILER BODIES	5
WHEELS & RIMS	6

Defect Result:	FAIL CONDITIONAL
Total Defects:	505
Total Reports:	298
Defects / Reports:	1.69

## Number of Defects - CVSA Inspections '19



Carrier Jurisdiction - Out of Province  
Inspection Result: Out of Service

Defect Result: FAIL CONDITIONAL

Defect Code	Defect Description	Count
6	06 - LEAK, LOCATION	5
8	08 - FUEL SYSTEM LEAK, CAP MISSING	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	73
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	2
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	5
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	2
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	8
15	15 - HOSE, LINES, COUPLING, VALVES	31
16	16 - LINING, DRUMS, DISCS, ROTORS	3
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	1
18	18 - AUDIBLE AIR LEAK, PUSH ROD	58
19	19 - SLACK ADJUSTER, CAM SHAFT	14
20	20 - PARK BRAKE, SPRING BRAKE	1
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	88
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	7
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	13
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	4
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	4
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	2
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	18
39	39 - SHIPPING PAPERS	1
40	40 - PLACARDING	7
53	53 - UNIVERSAL JOINT	1
54	54 - CENTER BEARING	1
55	55 - DRIVESHAFT TUBE	1
99	MISCELLANEOUS	153

Total Defects: 505

Total Reports: 298

Defects / Reports: 1.69

## 2019 CVSA Inspections

### Inspection Results by Registration Class

Truck Type	Inspection Result			Total	Percentage (%)
	Pass	Fail	OOS		
A5 STRAIGHT	12	8	25	45	0.41%
A6 FARM	105	74	78	257	2.34%
AR REG PASS (Comp)	3	0	2	5	0.05%
AR REG PASS	5	4	2	11	0.10%
C1 COMMERCIAL (Comp)	540	353	250	1143	10.39%
C1 COMMERCIAL	739	438	476	1653	15.02%
C5 LTD CT (Comp)	68	96	84	248	2.25%
C5 LTD CT	224	174	195	593	5.39%
P2 PSV BUS	16	6	8	30	0.27%
P4 PSV TRUCK	591	399	258	1248	11.34%
P8 LTD PSV TRUCK	81	79	92	252	2.29%
LIGHT DUTY	5	2	11	18	0.16%
TOTAL	2389	1633	1481	5503	50.00%

Percentages				
Truck Type	Inspection Result			Total
	Pass	Fail	OOS	
A5 STRAIGHT	26.67%	17.78%	55.56%	100%
A6 FARM	40.86%	28.79%	30.35%	100%
AR REG PASS (Comp)	60.00%	0.00%	40.00%	100%
AR REG PASS	45.45%	36.36%	18.18%	100%
C1 COMMERCIAL (Comp)	47.24%	30.88%	21.87%	100%
C1 COMMERCIAL	44.71%	26.50%	28.80%	100%
C5 LTD CT (Comp)	27.42%	38.71%	33.87%	100%
C5 LTD CT	37.77%	29.34%	32.88%	100%
P2 PSV BUS	53.33%	20.00%	26.67%	100%
P4 PSV TRUCK	47.36%	31.97%	20.67%	100%
P8 LTD PSV TRUCK	32.14%	31.35%	36.51%	100%
LIGHT DUTY	27.78%	11.11%	61.11%	100%
TOTAL	43.41%	29.67%	26.91%	100%

Legend: Registration Class is determined by the vehicle and how it is registered. For the purpose of this report, all vehicles have a Registered Gross Vehicle Weight of 4500Kgs or greater with the exception of Light Duty Vehicles .

#### Truck Types

**A5 Straight:** Is a motor vehicle or semi-trailer truck that is not a delivery car and that is constructed or adapted to carry goods, but not passengers or luggage. This classification covers all trucks not defined elsewhere. This includes all personal conveyances.  
As of September 1, 2015, this will only include personal use vehicle.

**A6 Farm:** Is a truck own or leased by a farmer

#### AR Regulated Passenger Vehicle:

Is a passenger vehicle designed for carrying 11 or more persons, including the driver, but is not a public services vehicle.  
New registration class created September 1, 2015 to replace certain A1 plates.

#### C1 Commercial:

Is either a truck or a trailer operated by a business to transport business goods for commercial purposes.  
Commercial vehicle may not be used to transport people or property for gain or compensation.

#### C5 Limited Use Commercial Truck:

Is the same as C1 Commercial but only within restricted distances of registered owner's place of business.  
This registration class was also created September 1, 2015 to replace certain A5 plates that previously met legislative exemptions.

#### P2 - P4 Public Service:

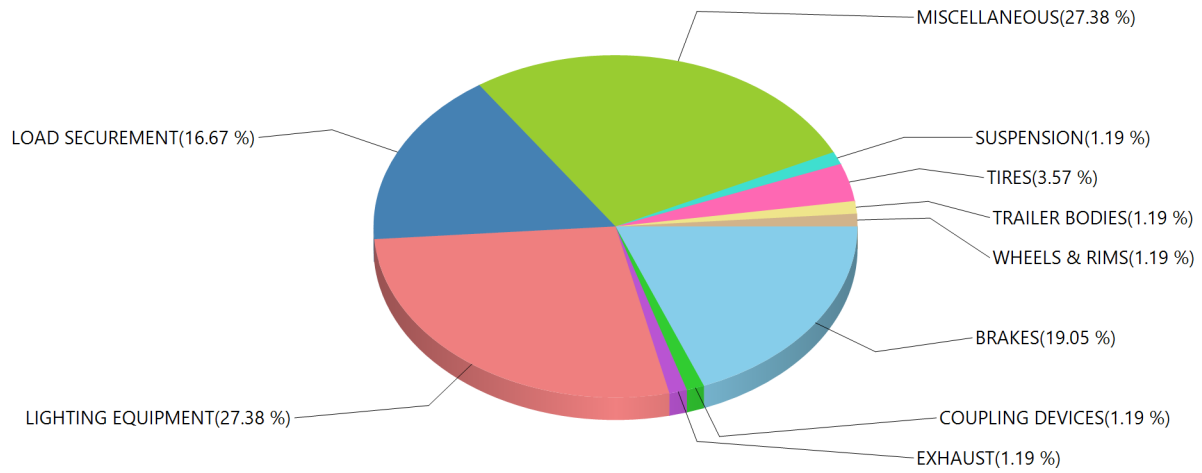
Is a motor vehicle or trailer operated to transport people or property on a highway for pay.  
The exceptions are passenger carrying vehicles of an electric or steam railway or motorbus company operating on the streets of a city, school buses, ambulances, hearses.

#### P8 Limited Use Public Service Truck:

Is the same as P4 Public Service but only within restricted distance from the registered owner's place of business.  
Third new registration class created September 1, 2015 to replace certain A5 plates.

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	16
COUPLING DEVICES	1
EXHAUST	1
LIGHTING EQUIPMENT	23
LOAD SECUREMENT	14
MISCELLANEOUS	23
SUSPENSION	1
TIRES	3
TRAILER BODIES	1
WHEELS & RIMS	1

Defect Result:	BOTH
Total Defects:	84
Total Reports:	45
Defects / Reports:	1.87



## Number of Defects - CVSA Inspections '19

A5 STRAIGHT - Manitoba Registration Only

Inspection Result: ALL

Defect Result: BOTH



Defect Code	Defect Description	Count
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	1
6	06 - LEAK, LOCATION	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	22
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	1
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	14
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	1
20	20 - PARK BRAKE, SPRING BRAKE	6
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	1
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	8
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	1
33	33 - SIDE PANELS - BAY AREA DAMAGE	1
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	3
99	MISCELLANEOUS	23

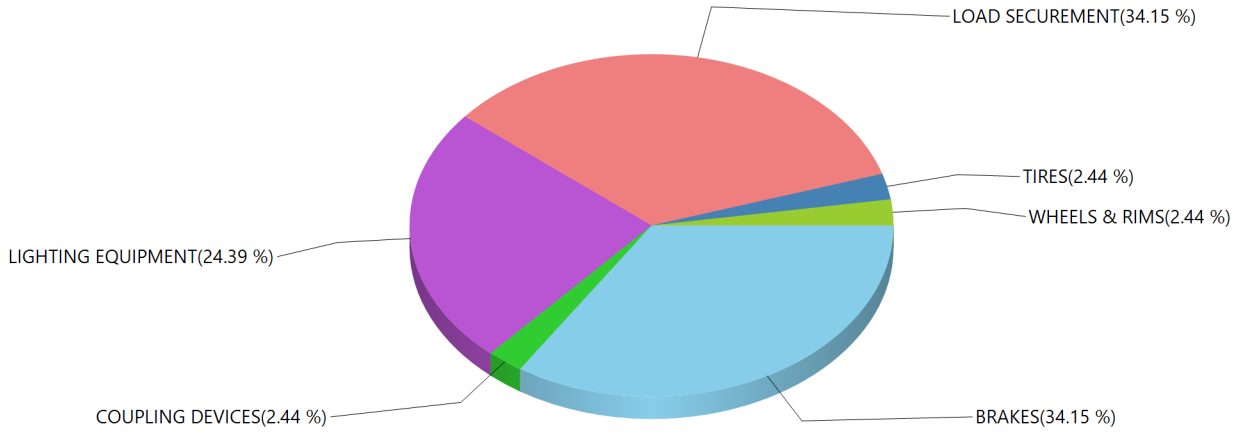
Total Defects: 84

Total Reports: 45

Defects / Reports: 1.87

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: Out of Service



BRAKES	14
COUPLING DEVICES	1
LIGHTING EQUIPMENT	10
LOAD SECUREMENT	14
TIRES	1
WHEELS & RIMS	1

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	41
Total Reports:	25
Defects / Reports:	1.64

## Number of Defects - CVSA Inspections '19



A5 STRAIGHT - Manitoba Registration Only  
 Inspection Result: Out of Service

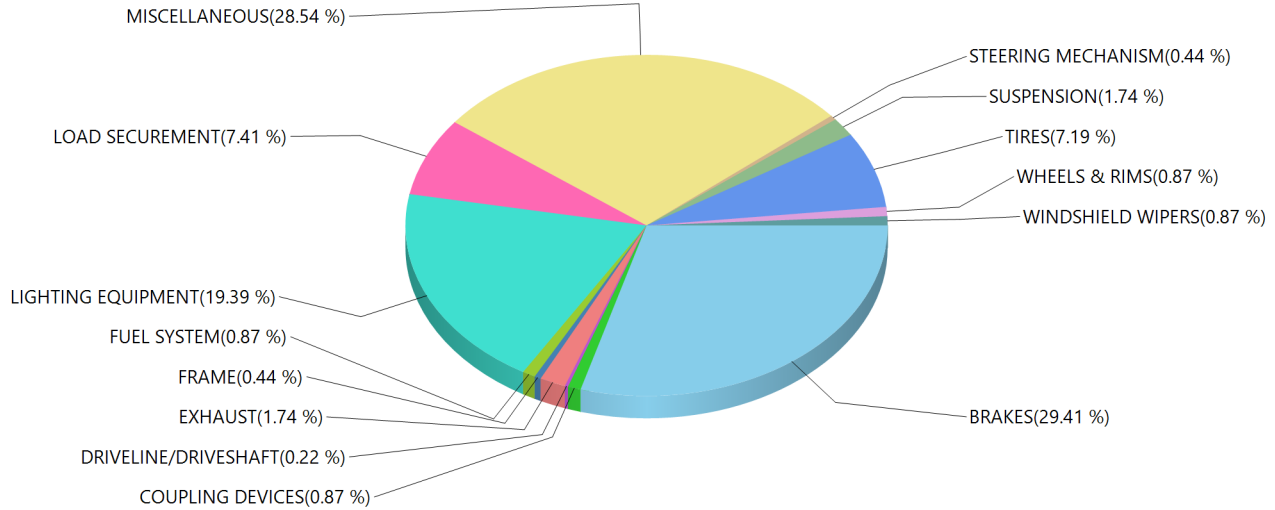
Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	10
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	14
20	20 - PARK BRAKE, SPRING BRAKE	6
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	8
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	1

Total Defects:	41
Total Reports:	25
Defects / Reports:	1.64

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	135
COUPLING DEVICES	4
DRIVELINE/DRIVESHAFT	1
EXHAUST	8
FRAME	2
FUEL SYSTEM	4
LIGHTING EQUIPMENT	89
LOAD SECUREMENT	34
MISCELLANEOUS	131
STEERING MECHANISM	2
SUSPENSION	8
TIRES	33
WHEELS & RIMS	4
WINDSHIELD WIPERS	4

Defect Result:	BOTH
Total Defects:	459
Total Reports:	257
Defects / Reports:	1.79

## Number of Defects - CVSA Inspections '19

A6 FARM - Manitoba Registration Only

Inspection Result: ALL

Defect Result: BOTH



Defect Code	Defect Description	Count
3	03 - FASTENERS, STOPS, MOUNTING	1
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	3
6	06 - LEAK, LOCATION	8
7	07 - CROSS MEMBER-BROKEN, SAGGING	2
8	08 - FUEL SYSTEM LEAK, CAP MISSING	3
9	09 - UNSECURED TANK	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	86
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	3
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	32
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	2
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	11
15	15 - HOSE, LINES, COUPLING, VALVES	12
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	4
18	18 - AUDIBLE AIR LEAK, PUSH ROD	48
19	19 - SLACK ADJUSTER, CAM SHAFT	1
20	20 - PARK BRAKE, SPRING BRAKE	5
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	45
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	9
24	24 - FRONT AXLE BEAM, PITMAN ARM	1
25	25 - POWER STEERING, BALL / SOCKET JOINTS	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	5
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	3
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	3
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	1
37	37 - INOPERATIVE, MISSING, DAMAGED	4
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	33
53	53 - UNIVERSAL JOINT	1
99	MISCELLANEOUS	131

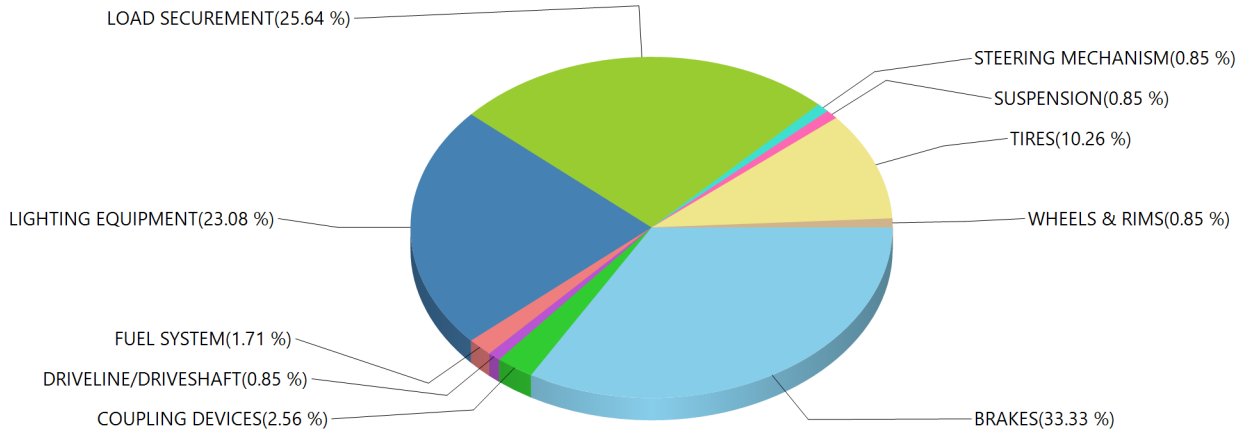
Total Defects: 459

Total Reports: 257

Defects / Reports: 1.79

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	39
COUPLING DEVICES	3
DRIVELINE/DRIVESHAFT	1
FUEL SYSTEM	2
LIGHTING EQUIPMENT	27
LOAD SECUREMENT	30
STEERING MECHANISM	1
SUSPENSION	1
TIRES	12
WHEELS & RIMS	1

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	117
Total Reports:	78
Defects / Reports:	1.50

## Number of Defects - CVSA Inspections '19



A6 FARM - Manitoba Registration Only  
 Inspection Result: Out of Service

Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	3
8	08 - FUEL SYSTEM LEAK, CAP MISSING	2
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	26
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	1
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	28
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	2
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	6
15	15 - HOSE, LINES, COUPLING, VALVES	5
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	1
18	18 - AUDIBLE AIR LEAK, PUSH ROD	11
20	20 - PARK BRAKE, SPRING BRAKE	5
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	2
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	9
24	24 - FRONT AXLE BEAM, PITMAN ARM	1
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	12
53	53 - UNIVERSAL JOINT	1

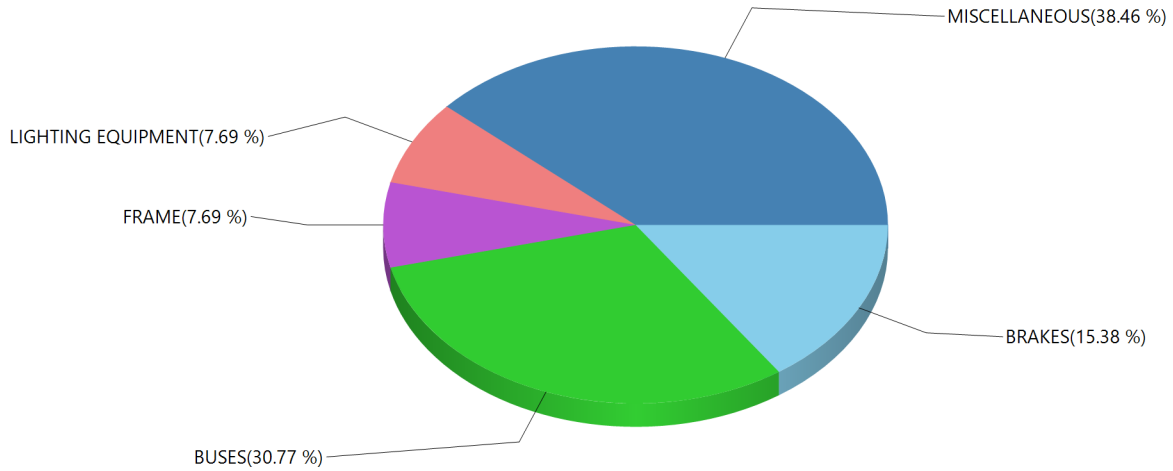
Total Defects: 117

Total Reports: 78

Defects / Reports: 1.50

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	2
BUSES	4
FRAME	1
LIGHTING EQUIPMENT	1
MISCELLANEOUS	5

Defect Result:	BOTH
Total Defects:	13
Total Reports:	5
Defects / Reports:	2.60



## Number of Defects - CVSA Inspections '19

AR REG PASS(FOR COMP) - Manitoba Registration Only  
 Inspection Result: ALL Defect Result: BOTH

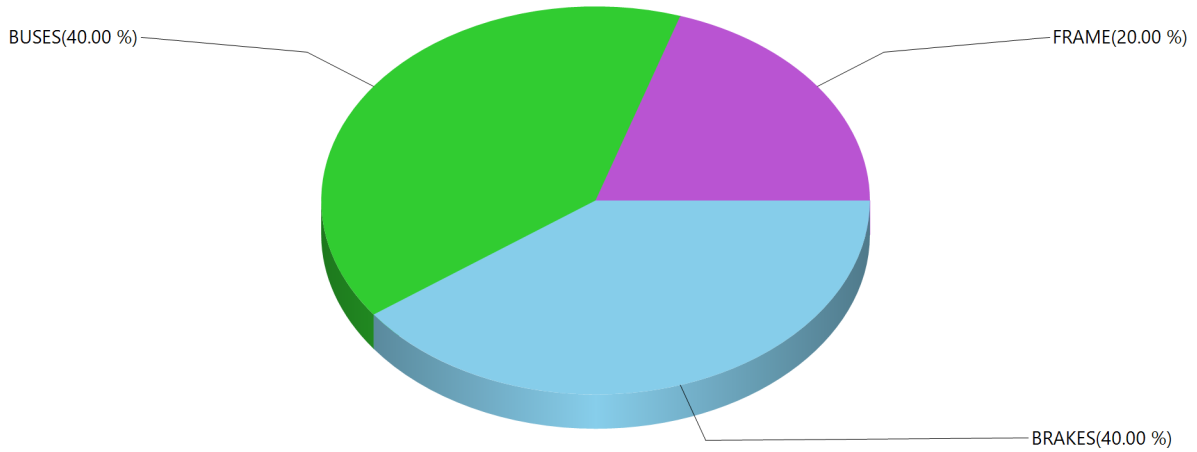


Defect Code	Defect Description	Count
7	07 - CROSS MEMBER-BROKEN, SAGGING	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	1
18	18 - AUDIBLE AIR LEAK, PUSH ROD	1
20	20 - PARK BRAKE, SPRING BRAKE	1
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	3
57	57 - LOOSE AND/ TEMP SEATING	1
99	MISCELLANEOUS	5

Total Defects:	13
Total Reports:	5
Defects / Reports:	2.60

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: Out of Service



BRAKES	2
BUSES	2
FRAME	1

Defect Result:	OUT OF SERVICE
Total Defects:	5
Total Reports:	2
Defects / Reports:	2.50

## Number of Defects - CVSA Inspections '19



AR REG PASS(FOR COMP) - Manitoba Registration Only

Inspection Result: Out of Service

Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
7	07 - CROSS MEMBER-BROKEN, SAGGING	1
18	18 - AUDIBLE AIR LEAK, PUSH ROD	1
20	20 - PARK BRAKE, SPRING BRAKE	1
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	2

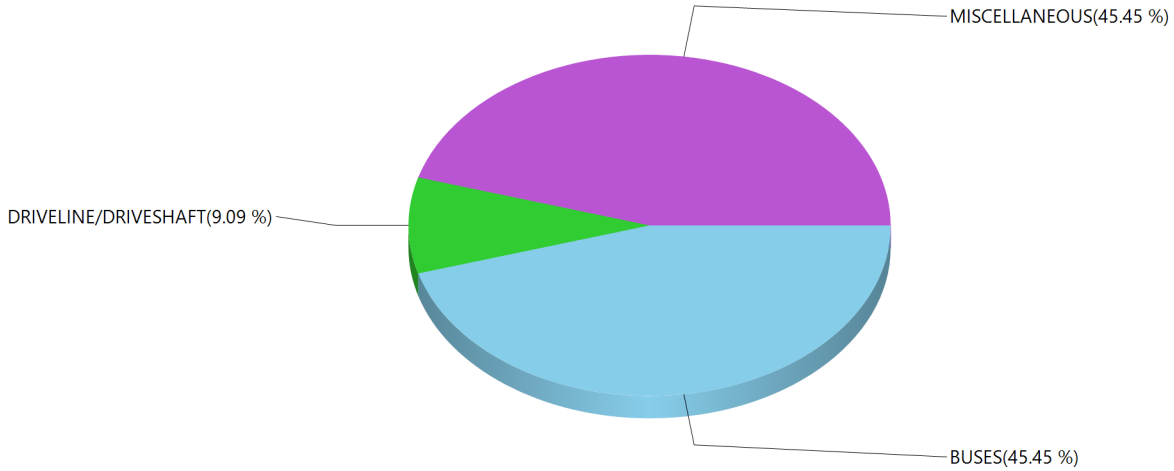
Total Defects: 5

Total Reports: 2

Defects / Reports: 2.50

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BUSES	5
DRIVELINE/DRIVESHAFT	1
MISCELLANEOUS	5

Defect Result:	BOTH
Total Defects:	11
Total Reports:	11
Defects / Reports:	1.00

## Number of Defects - CVSA Inspections '19

AR REG PASS - Manitoba Registration Only

Inspection Result: ALL

Defect Result: BOTH

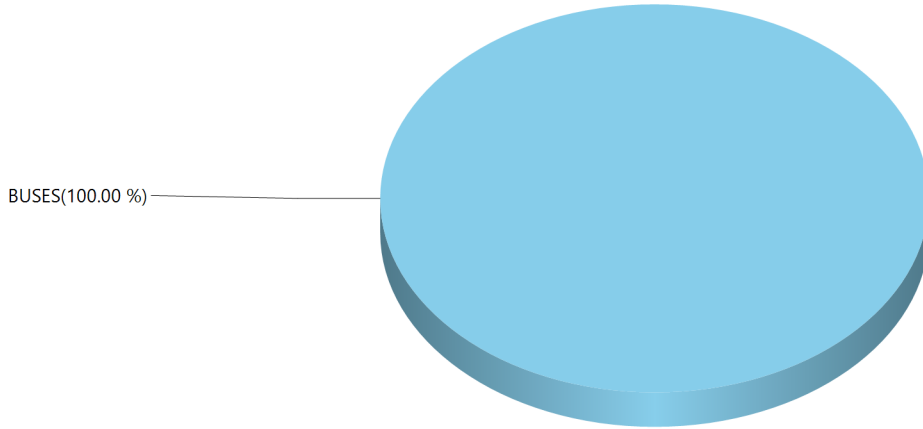


Defect Code	Defect Description	Count
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	3
52	52 - YOKE ENDS	1
57	57 - LOOSE AND/ TEMP SEATING	2
99	MISCELLANEOUS	5

Total Defects:	11
Total Reports:	11
Defects / Reports:	1.00

# Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: Out of Service



BUSES	3
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Defect Result:	OUT OF SERVICE
Total Defects:	3
Total Reports:	2
Defects / Reports:	1.50

## Number of Defects - CVSA Inspections '19

AR REG PASS - Manitoba Registration Only  
Inspection Result: Out of Service

Defect Result: OUT OF SERVICE



Defect Code	Defect Description	Count
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	3

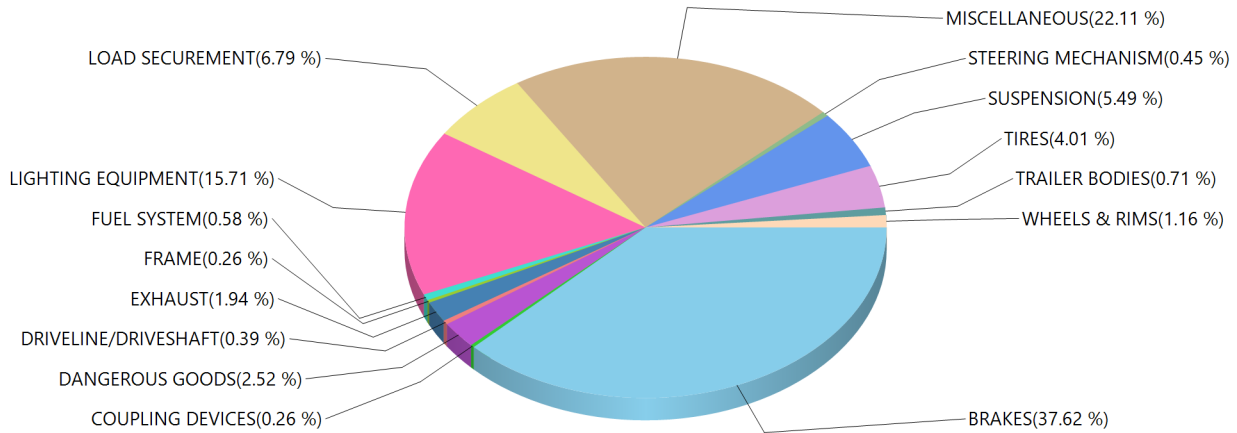
Total Defects: 3

Total Reports: 2

Defects / Reports: 1.50

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	582
COUPLING DEVICES	4
DANGEROUS GOODS	39
DRIVELINE/DRIVESHAFT	6
EXHAUST	30
FRAME	4
FUEL SYSTEM	9
LIGHTING EQUIPMENT	243
LOAD SECUREMENT	105
MISCELLANEOUS	342
STEERING MECHANISM	7
SUSPENSION	85
TIRES	62
TRAILER BODIES	11
WHEELS & RIMS	18

Defect Result:	BOTH
Total Defects:	1547
Total Reports:	1143
Defects / Reports:	1.35



## Number of Defects - CVSA Inspections '19

C1 COMMERCIAL(FOR COMP) - Manitoba Registration Only  
 Inspection Result: ALL Defect Result: BOTH

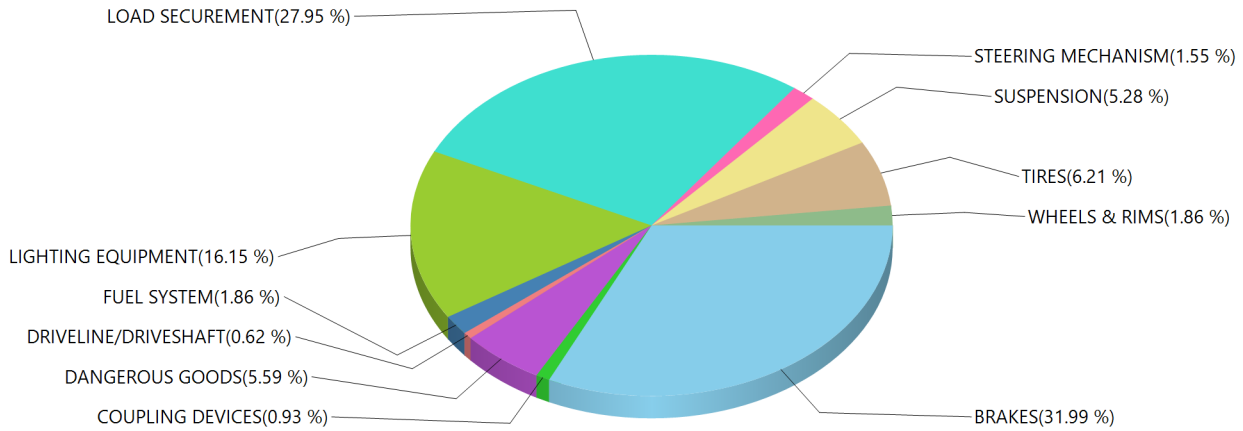


Defect Code	Defect Description	Count
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	3
6	06 - LEAK, LOCATION	30
7	07 - CROSS MEMBER-BROKEN, SAGGING	4
8	08 - FUEL SYSTEM LEAK, CAP MISSING	8
9	09 - UNSECURED TANK	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	232
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	11
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	89
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	16
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	29
15	15 - HOSE, LINES, COUPLING, VALVES	79
16	16 - LINING, DRUMS, DISCS, ROTORS	6
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	2
18	18 - AUDIBLE AIR LEAK, PUSH ROD	189
19	19 - SLACK ADJUSTER, CAM SHAFT	36
20	20 - PARK BRAKE, SPRING BRAKE	20
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	204
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	17
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	1
24	24 - FRONT AXLE BEAM, PITMAN ARM	4
25	25 - POWER STEERING, BALL / SOCKET JOINTS	1
26	26 - TIE-RODS, DRAG LINKS, NUTS	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	40
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	5
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	40
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	7
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	3
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	11
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	7
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	62
39	39 - SHIPPING PAPERS	8
40	40 - PLACARDING	25
43	43 - BULK PACKAGES	4
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	1
50	50 - EMERGENCY RESPONSE PLAN	1
52	52 - YOKE ENDS	1
53	53 - UNIVERSAL JOINT	4
54	54 - CENTER BEARING	1
59	59 - MOUNTING PLATES & PIVOT BRACKET	1
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	1
99	MISCELLANEOUS	342

Total Defects:	1547
Total Reports:	1143
Defects / Reports:	1.35

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	103
COUPLING DEVICES	3
DANGEROUS GOODS	18
DRIVELINE/DRIVESHAFT	2
FUEL SYSTEM	6
LIGHTING EQUIPMENT	52
LOAD SECUREMENT	90
STEERING MECHANISM	5
SUSPENSION	17
TIRES	20
WHEELS & RIMS	6

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	322
Total Reports:	250
Defects / Reports:	1.29

## Number of Defects - CVSA Inspections '19



C1 COMMERCIAL(FOR COMP) - Manitoba Registration Only

Inspection Result: Out of Service

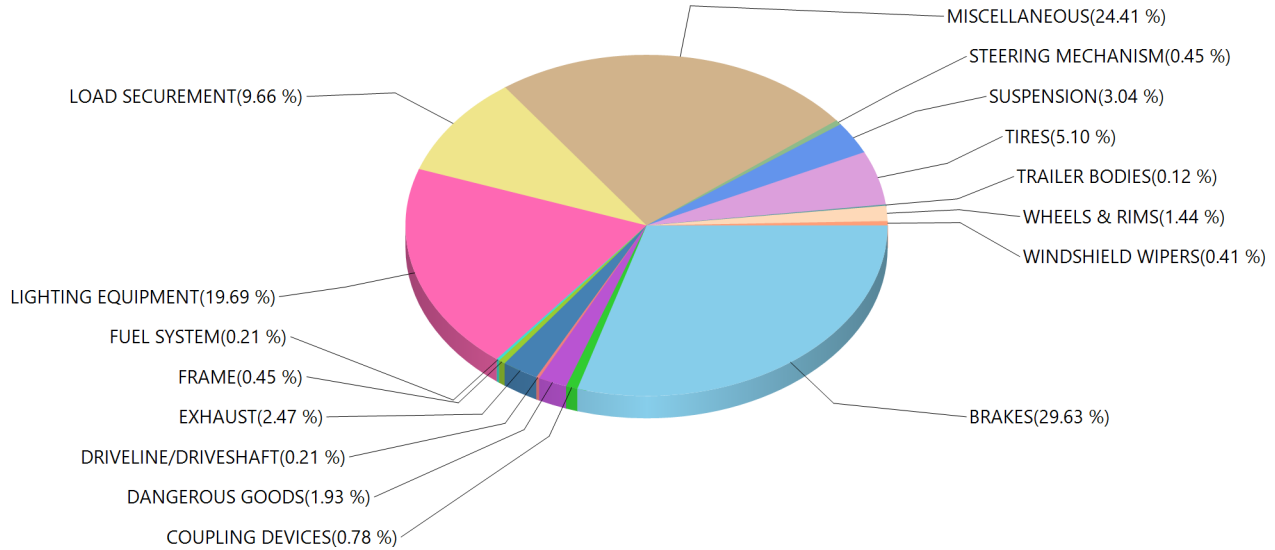
Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	2
8	08 - FUEL SYSTEM LEAK, CAP MISSING	5
9	09 - UNSECURED TANK	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	50
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	2
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	77
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	13
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	7
15	15 - HOSE, LINES, COUPLING, VALVES	27
16	16 - LINING, DRUMS, DISCS, ROTORS	5
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	2
18	18 - AUDIBLE AIR LEAK, PUSH ROD	24
19	19 - SLACK ADJUSTER, CAM SHAFT	2
20	20 - PARK BRAKE, SPRING BRAKE	20
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	1
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	15
24	24 - FRONT AXLE BEAM, PITMAN ARM	4
26	26 - TIE-RODS, DRAG LINKS, NUTS	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	8
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	9
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	4
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	2
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	20
39	39 - SHIPPING PAPERS	5
40	40 - PLACARDING	10
43	43 - BULK PACKAGES	1
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	1
50	50 - EMERGENCY RESPONSE PLAN	1
53	53 - UNIVERSAL JOINT	2
59	59 - MOUNTING PLATES & PIVOT BRACKET	1

Total Defects:	322
Total Reports:	250
Defects / Reports:	1.29

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	721
COUPLING DEVICES	19
DANGEROUS GOODS	47
DRIVELINE/DRIVESHAFT	5
EXHAUST	60
FRAME	11
FUEL SYSTEM	5
LIGHTING EQUIPMENT	479
LOAD SECUREMENT	235
MISCELLANEOUS	594
STEERING MECHANISM	11
SUSPENSION	74
TIRES	124
TRAILER BODIES	3
WHEELS & RIMS	35
WINDSHIELD WIPERS	10

Defect Result:	BOTH
Total Defects:	2433
Total Reports:	1653
Defects / Reports:	1.47

## Number of Defects - CVSA Inspections '19



C1 COMMERCIAL - Manitoba Registration Only

Inspection Result: ALL

Defect Result: BOTH

Defect Code	Defect Description	Count
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	1
3	03 - FASTENERS, STOPS, MOUNTING	2
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	1
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	14
6	06 - LEAK, LOCATION	60
7	07 - CROSS MEMBER-BROKEN, SAGGING	11
8	08 - FUEL SYSTEM LEAK, CAP MISSING	4
9	09 - UNSECURED TANK	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	470
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	9
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	203
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	32
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	47
15	15 - HOSE, LINES, COUPLING, VALVES	56
16	16 - LINING, DRUMS, DISCS, ROTORS	13
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	9
18	18 - AUDIBLE AIR LEAK, PUSH ROD	186
19	19 - SLACK ADJUSTER, CAM SHAFT	55
20	20 - PARK BRAKE, SPRING BRAKE	107
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	187
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	61
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	3
24	24 - FRONT AXLE BEAM, PITMAN ARM	6
26	26 - TIE-RODS, DRAG LINKS, NUTS	2
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	48
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	12
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	14
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	2
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	19
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	15
36	36 - ELONGATED HOLES, WELDED REPAIRS	1
37	37 - INOPERATIVE, MISSING, DAMAGED	10
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	124
39	39 - SHIPPING PAPERS	16
40	40 - PLACARDING	19
43	43 - BULK PACKAGES	7
46	46 - NON BULK PACKAGING, INTERGRITY	3
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	2
52	52 - YOKE ENDS	2
53	53 - UNIVERSAL JOINT	3
58	58 - MOUNTING TO FRAME	1
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	1
99	MISCELLANEOUS	594

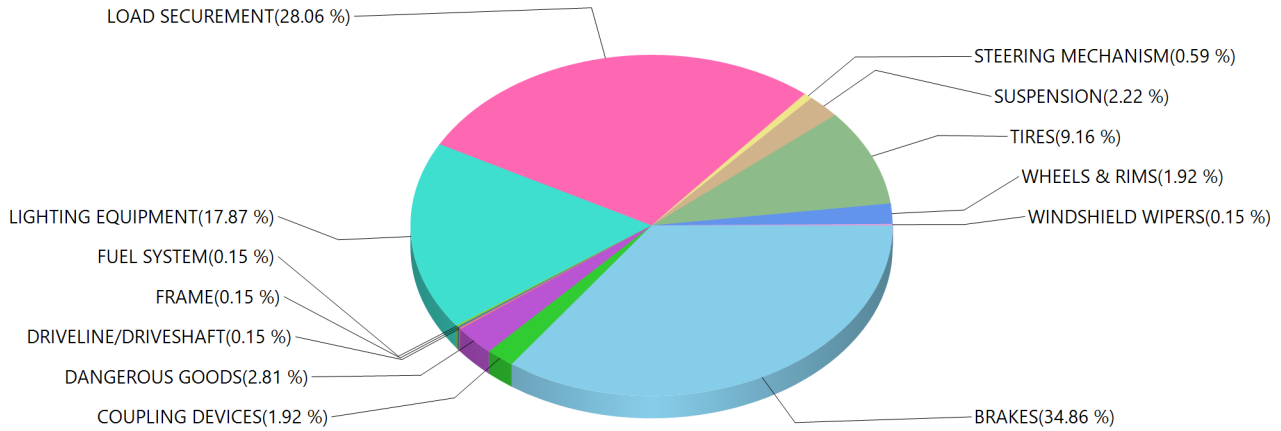
Total Defects: 2433

Total Reports: 1653

Defects / Reports: 1.47

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	236
COUPLING DEVICES	13
DANGEROUS GOODS	19
DRIVELINE/DRIVESHAFT	1
FRAME	1
FUEL SYSTEM	1
LIGHTING EQUIPMENT	121
LOAD SECUREMENT	190
STEERING MECHANISM	4
SUSPENSION	15
TIRES	62
WHEELS & RIMS	13
WINDSHIELD WIPERS	1

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	677
Total Reports:	476
Defects / Reports:	1.42

## Number of Defects - CVSA Inspections '19



C1 COMMERCIAL - Manitoba Registration Only

Inspection Result: Out of Service

Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
4	04 - PRIMARY ATTACHMENT, CRACKED, LOOSE, WORN, NO SAFELY LOCK, BOLTS MISSING	1
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	12
7	07 - CROSS MEMBER-BROKEN, SAGGING	1
8	08 - FUEL SYSTEM LEAK, CAP MISSING	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	118
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	3
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	170
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	20
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	20
15	15 - HOSE, LINES, COUPLING, VALVES	19
16	16 - LINING, DRUMS, DISCS, ROTORS	8
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	6
18	18 - AUDIBLE AIR LEAK, PUSH ROD	24
19	19 - SLACK ADJUSTER, CAM SHAFT	2
20	20 - PARK BRAKE, SPRING BRAKE	96
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	6
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	55
24	24 - FRONT AXLE BEAM, PITMAN ARM	4
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	10
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	5
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	7
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	5
36	36 - ELONGATED HOLES, WELDED REPAIRS	1
37	37 - INOPERATIVE, MISSING, DAMAGED	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	62
39	39 - SHIPPING PAPERS	8
40	40 - PLACARDING	6
43	43 - BULK PACKAGES	2
46	46 - NON BULK PACKAGING, INTERGRITY	1
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	2
53	53 - UNIVERSAL JOINT	1

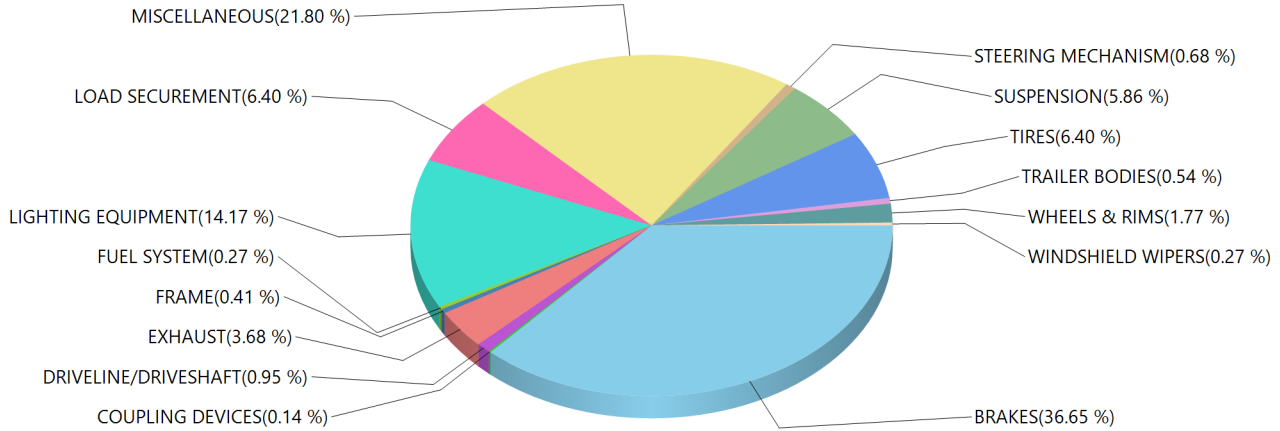
Total Defects: 677

Total Reports: 476

Defects / Reports: 1.42

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	269
COUPLING DEVICES	1
DRIVELINE/DRIVESHAFT	7
EXHAUST	27
FRAME	3
FUEL SYSTEM	2
LIGHTING EQUIPMENT	104
LOAD SECUREMENT	47
MISCELLANEOUS	160
STEERING MECHANISM	5
SUSPENSION	43
TIRES	47
TRAILER BODIES	4
WHEELS & RIMS	13
WINDSHIELD WIPERS	2

Defect Result:	BOTH
Total Defects:	734
Total Reports:	248
Defects / Reports:	2.96



## Number of Defects - CVSA Inspections '19

C5 LTD CT(FOR COMP) - Manitoba Registration Only  
 Inspection Result: ALL Defect Result: BOTH

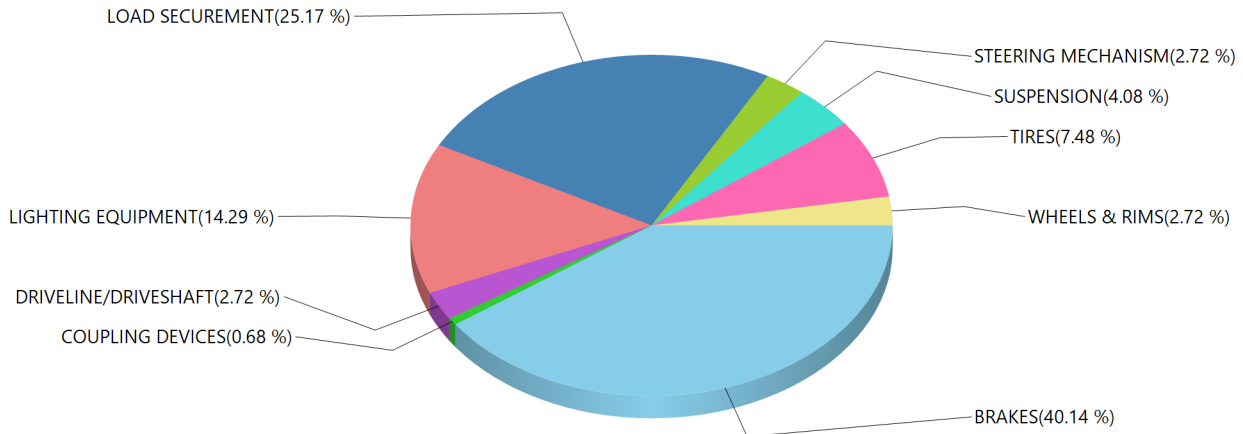


Defect Code	Defect Description	Count
3	03 - FASTENERS, STOPS, MOUNTING	1
6	06 - LEAK, LOCATION	27
7	07 - CROSS MEMBER-BROKEN, SAGGING	3
9	09 - UNSECURED TANK	2
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	99
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	5
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	31
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	16
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	24
15	15 - HOSE, LINES, COUPLING, VALVES	20
16	16 - LINING, DRUMS, DISCS, ROTORS	2
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	5
18	18 - AUDIBLE AIR LEAK, PUSH ROD	109
19	19 - SLACK ADJUSTER, CAM SHAFT	25
20	20 - PARK BRAKE, SPRING BRAKE	9
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	74
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	1
24	24 - FRONT AXLE BEAM, PITMAN ARM	1
25	25 - POWER STEERING, BALL / SOCKET JOINTS	2
26	26 - TIE-RODS, DRAG LINKS, NUTS	2
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	26
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	2
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	15
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	1
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	3
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	5
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	8
37	37 - INOPERATIVE, MISSING, DAMAGED	2
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	47
52	52 - YOKE ENDS	2
53	53 - UNIVERSAL JOINT	4
54	54 - CENTER BEARING	1
99	MISCELLANEOUS	160

Total Defects:	734
Total Reports:	248
Defects / Reports:	2.96

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	59
COUPLING DEVICES	1
DRIVELINE/DRIVESHAFT	4
LIGHTING EQUIPMENT	21
LOAD SECUREMENT	37
STEERING MECHANISM	4
SUSPENSION	6
TIRES	11
WHEELS & RIMS	4

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	147
Total Reports:	84
Defects / Reports:	1.75

## Number of Defects - CVSA Inspections '19



C5 LTD CT(FOR COMP) - Manitoba Registration Only

Inspection Result: Out of Service

Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
3	03 - FASTENERS, STOPS, MOUNTING	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	20
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	1
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	24
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	13
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	7
15	15 - HOSE, LINES, COUPLING, VALVES	6
16	16 - LINING, DRUMS, DISCS, ROTORS	1
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	5
18	18 - AUDIBLE AIR LEAK, PUSH ROD	24
19	19 - SLACK ADJUSTER, CAM SHAFT	5
20	20 - PARK BRAKE, SPRING BRAKE	8
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	2
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	1
24	24 - FRONT AXLE BEAM, PITMAN ARM	1
25	25 - POWER STEERING, BALL / SOCKET JOINTS	2
26	26 - TIE-RODS, DRAG LINKS, NUTS	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	4
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	1
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	2
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	2
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	11
52	52 - YOKE ENDS	1
53	53 - UNIVERSAL JOINT	2
54	54 - CENTER BEARING	1

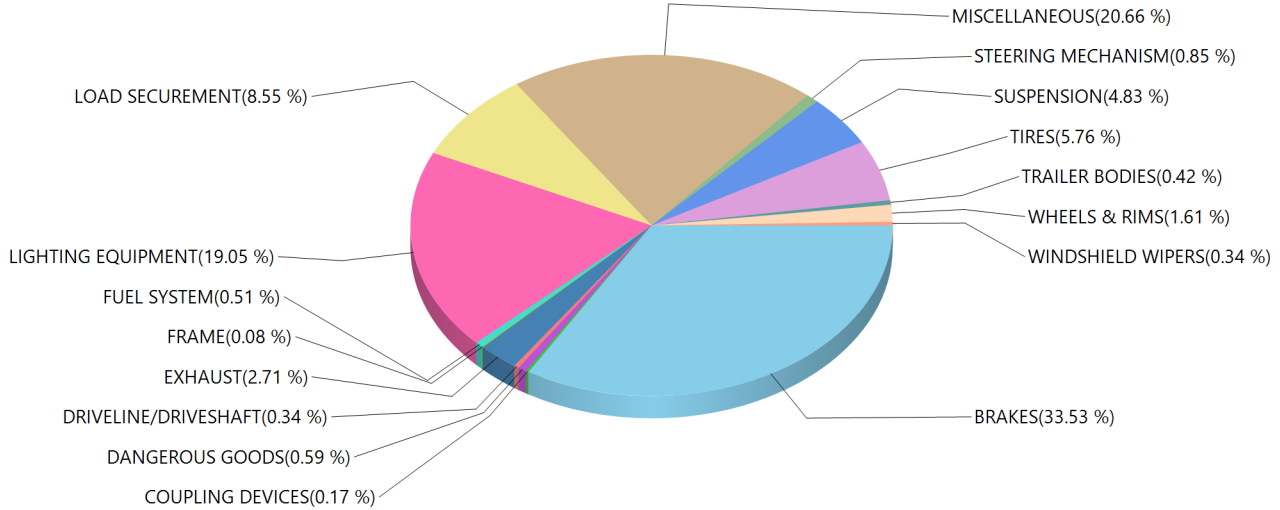
Total Defects: 147

Total Reports: 84

Defects / Reports: 1.75

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	396
COUPLING DEVICES	2
DANGEROUS GOODS	7
DRIVELINE/DRIVESHAFT	4
EXHAUST	32
FRAME	1
FUEL SYSTEM	6
LIGHTING EQUIPMENT	225
LOAD SECUREMENT	101
MISCELLANEOUS	244
STEERING MECHANISM	10
SUSPENSION	57
TIRES	68
TRAILER BODIES	5
WHEELS & RIMS	19
WINDSHIELD WIPERS	4

Defect Result:	BOTH
Total Defects:	1181
Total Reports:	593
Defects / Reports:	1.99

## Number of Defects - CVSA Inspections '19

C5 LTD CT - Manitoba Registration Only

Inspection Result: ALL

Defect Result: BOTH



Defect Code	Defect Description	Count
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	1
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	1
6	06 - LEAK, LOCATION	32
7	07 - CROSS MEMBER-BROKEN, SAGGING	1
8	08 - FUEL SYSTEM LEAK, CAP MISSING	3
9	09 - UNSECURED TANK	3
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	224
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	1
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	82
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	19
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	32
15	15 - HOSE, LINES, COUPLING, VALVES	41
16	16 - LINING, DRUMS, DISCS, ROTORS	6
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	5
18	18 - AUDIBLE AIR LEAK, PUSH ROD	144
19	19 - SLACK ADJUSTER, CAM SHAFT	38
20	20 - PARK BRAKE, SPRING BRAKE	29
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	89
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	12
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	3
24	24 - FRONT AXLE BEAM, PITMAN ARM	2
25	25 - POWER STEERING, BALL / SOCKET JOINTS	3
26	26 - TIE-RODS, DRAG LINKS, NUTS	1
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	38
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	7
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	12
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	2
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	2
33	33 - SIDE PANELS - BAY AREA DAMAGE	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	10
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	9
37	37 - INOPERATIVE, MISSING, DAMAGED	4
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	68
39	39 - SHIPPING PAPERS	2
40	40 - PLACARDING	4
43	43 - BULK PACKAGES	1
52	52 - YOKE ENDS	1
53	53 - UNIVERSAL JOINT	2
54	54 - CENTER BEARING	1
99	MISCELLANEOUS	244

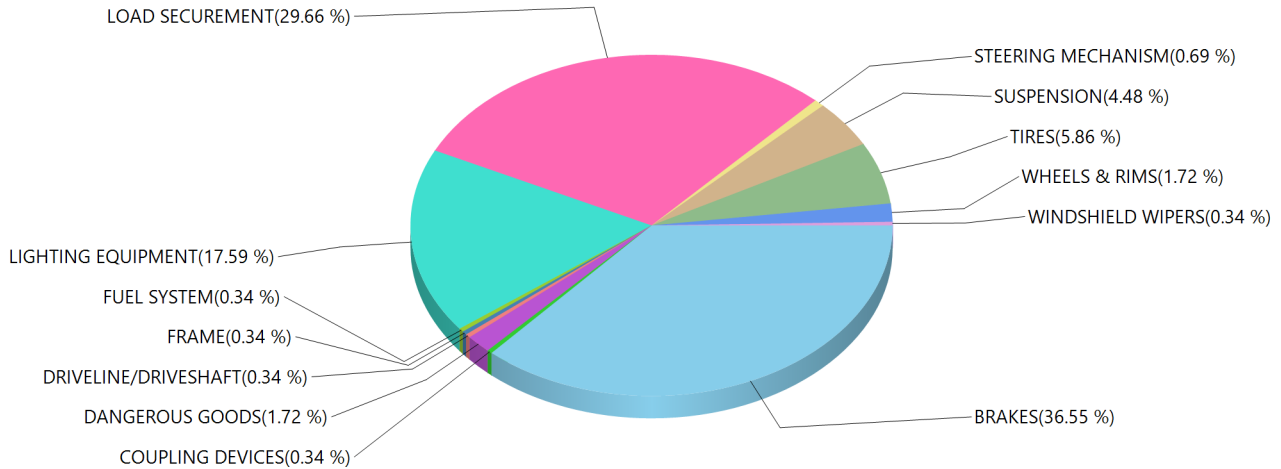
Total Defects: 1181

Total Reports: 593

Defects / Reports: 1.99

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	106
COUPLING DEVICES	1
DANGEROUS GOODS	5
DRIVELINE/DRIVESHAFT	1
FRAME	1
FUEL SYSTEM	1
LIGHTING EQUIPMENT	51
LOAD SECUREMENT	86
STEERING MECHANISM	2
SUSPENSION	13
TIRES	17
WHEELS & RIMS	5
WINDSHIELD WIPERS	1

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	290
Total Reports:	195
Defects / Reports:	1.49

## Number of Defects - CVSA Inspections '19



C5 LTD CT - Manitoba Registration Only  
 Inspection Result: Out of Service

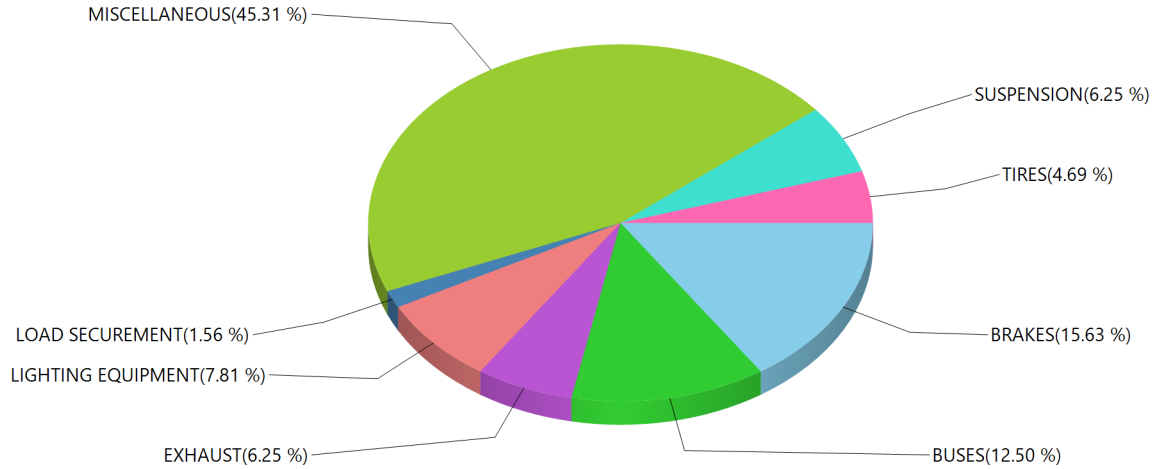
Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	1
7	07 - CROSS MEMBER-BROKEN, SAGGING	1
8	08 - FUEL SYSTEM LEAK, CAP MISSING	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	51
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	74
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	12
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	11
15	15 - HOSE, LINES, COUPLING, VALVES	15
16	16 - LINING, DRUMS, DISCS, ROTORS	3
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	5
18	18 - AUDIBLE AIR LEAK, PUSH ROD	28
19	19 - SLACK ADJUSTER, CAM SHAFT	4
20	20 - PARK BRAKE, SPRING BRAKE	27
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	1
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	12
24	24 - FRONT AXLE BEAM, PITMAN ARM	2
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	6
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	6
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	3
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	2
37	37 - INOPERATIVE, MISSING, DAMAGED	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	17
39	39 - SHIPPING PAPERS	2
40	40 - PLACARDING	3
53	53 - UNIVERSAL JOINT	1

Total Defects:	290
Total Reports:	195
Defects / Reports:	1.49

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	10
BUSES	8
EXHAUST	4
LIGHTING EQUIPMENT	5
LOAD SECUREMENT	1
MISCELLANEOUS	29
SUSPENSION	4
TIRES	3

Defect Result:	BOTH
Total Defects:	64
Total Reports:	30
Defects / Reports:	2.13



## Number of Defects - CVSA Inspections '19

P2 PSV BUS - Manitoba Registration Only

Inspection Result: ALL

Defect Result: BOTH

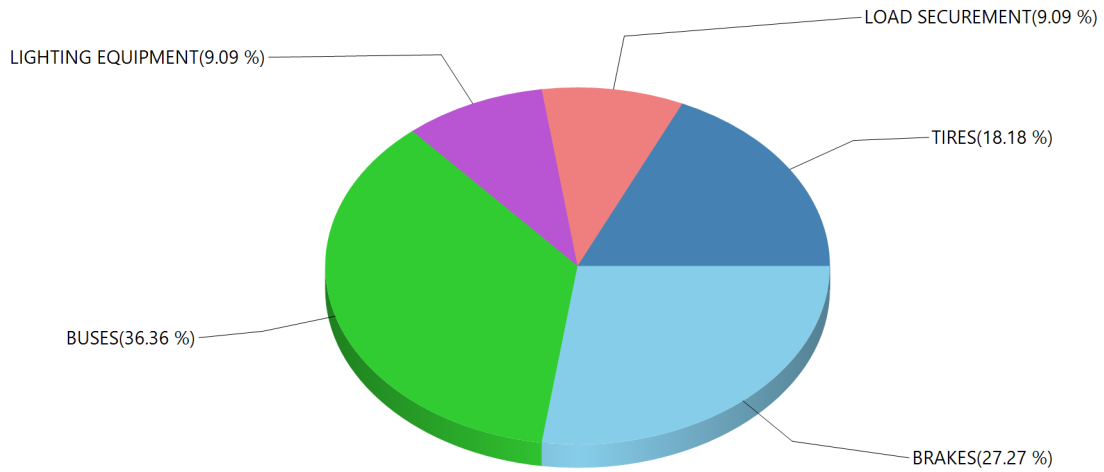


Defect Code	Defect Description	Count
6	06 - LEAK, LOCATION	4
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	5
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	1
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	2
18	18 - AUDIBLE AIR LEAK, PUSH ROD	7
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	4
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	3
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	7
42	42 - WIRING AND ELECTRICAL CABLE, CONNECTION, PROTECTIVE GROMMET, MOUNTING, LUBRICANT LEAK	1
99	MISCELLANEOUS	29

Total Defects:	64
Total Reports:	30
Defects / Reports:	2.13

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: Out of Service



BRAKES	3
BUSES	4
LIGHTING EQUIPMENT	1
LOAD SECUREMENT	1
TIRES	2

Defect Result:	OUT OF SERVICE
Total Defects:	11
Total Reports:	8
Defects / Reports:	1.38

## Number of Defects - CVSA Inspections '19



P2 PSV BUS - Manitoba Registration Only  
Inspection Result: Out of Service

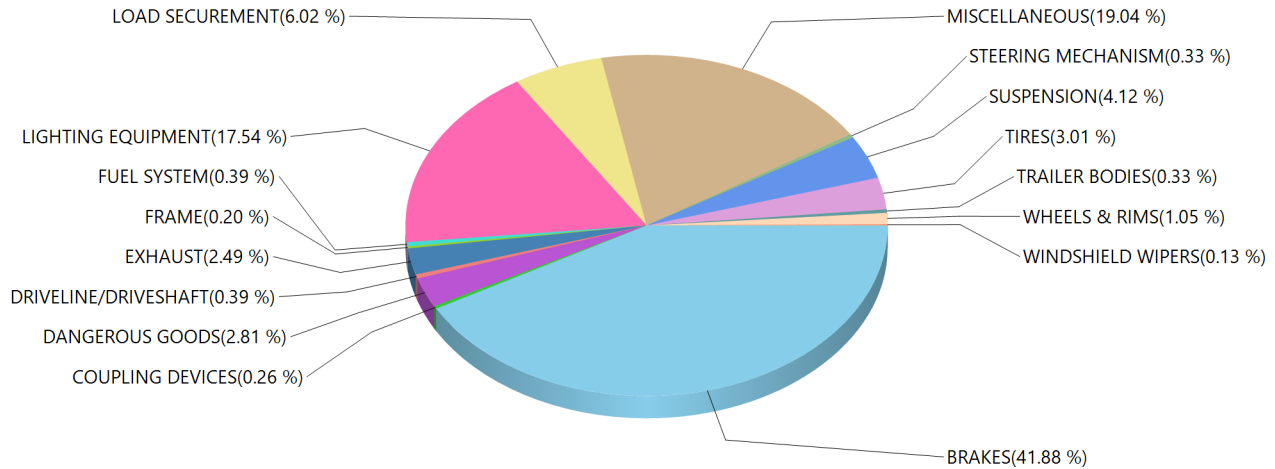
Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	1
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	1
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	1
18	18 - AUDIBLE AIR LEAK, PUSH ROD	2
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	2
41	41 - EMERGENCY EXIT MISSING, INOPERATIVE, OBSTRUCTED	4

Total Defects: 11  
Total Reports: 8  
Defects / Reports: 1.38

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	640
COUPLING DEVICES	4
DANGEROUS GOODS	43
DRIVELINE/DRIVESHAFT	6
EXHAUST	38
FRAME	3
FUEL SYSTEM	6
LIGHTING EQUIPMENT	268
LOAD SECUREMENT	92
MISCELLANEOUS	291
STEERING MECHANISM	5
SUSPENSION	63
TIRES	46
TRAILER BODIES	5
WHEELS & RIMS	16
WINDSHIELD WIPERS	2

Defect Result:	BOTH
Total Defects:	1528
Total Reports:	1248
Defects / Reports:	1.22

## Number of Defects - CVSA Inspections '19



P4 PSV TRUCK - Manitoba Registration Only

Inspection Result: ALL

Defect Result: BOTH

Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	1
3	03 - FASTENERS, STOPS, MOUNTING	1
6	06 - LEAK, LOCATION	38
7	07 - CROSS MEMBER-BROKEN, SAGGING	3
8	08 - FUEL SYSTEM LEAK, CAP MISSING	6
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	261
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	7
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	73
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	19
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	36
15	15 - HOSE, LINES, COUPLING, VALVES	96
16	16 - LINING, DRUMS, DISCS, ROTORS	7
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	5
18	18 - AUDIBLE AIR LEAK, PUSH ROD	220
19	19 - SLACK ADJUSTER, CAM SHAFT	28
20	20 - PARK BRAKE, SPRING BRAKE	15
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	228
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	5
24	24 - FRONT AXLE BEAM, PITMAN ARM	2
25	25 - POWER STEERING, BALL / SOCKET JOINTS	2
27	27 - STEERING SYSTEM, C-DOLLY	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	40
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	2
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	21
31	31 - UPPER / LOWER RAIL - BROKEN, CRACKED, BUCKLED, TWISTS, BENDS	1
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	1
33	33 - SIDE PANELS - BAY AREA DAMAGE	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	10
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	5
36	36 - ELONGATED HOLES, WELDED REPAIRS	1
37	37 - INOPERATIVE, MISSING, DAMAGED	2
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	46
39	39 - SHIPPING PAPERS	9
40	40 - PLACARDING	27
43	43 - BULK PACKAGES	1
44	44 - VEHICLE MARKINGS, ID NUMBER	2
45	45 - POISON INHALATION, NON AND BULK PACKAGING	1
46	46 - NON BULK PACKAGING, INTERGRITY	1
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	2
52	52 - YOKE ENDS	2
53	53 - UNIVERSAL JOINT	3
54	54 - CENTER BEARING	1
59	59 - MOUNTING PLATES & PIVOT BRACKET	1
61	61 - REAR IMPACT GUARD-BROKEN, LOOSE, MISSING, BENT, CRACKED	2
99	MISCELLANEOUS	291

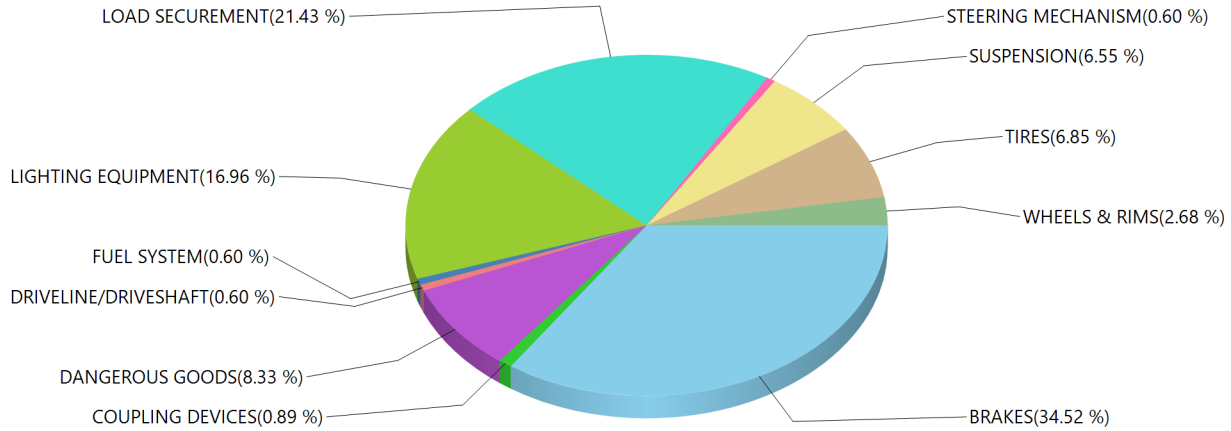
Total Defects: 1528

Total Reports: 1248

Defects / Reports: 1.22

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	116
COUPLING DEVICES	3
DANGEROUS GOODS	28
DRIVELINE/DRIVESHAFT	2
FUEL SYSTEM	2
LIGHTING EQUIPMENT	57
LOAD SECUREMENT	72
STEERING MECHANISM	2
SUSPENSION	22
TIRES	23
WHEELS & RIMS	9

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	336
Total Reports:	258
Defects / Reports:	1.30

## Number of Defects - CVSA Inspections '19



P4 PSV TRUCK - Manitoba Registration Only

Inspection Result: Out of Service

Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	1
8	08 - FUEL SYSTEM LEAK, CAP MISSING	2
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	55
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	2
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	60
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	12
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	14
15	15 - HOSE, LINES, COUPLING, VALVES	48
16	16 - LINING, DRUMS, DISCS, ROTORS	5
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	3
18	18 - AUDIBLE AIR LEAK, PUSH ROD	19
19	19 - SLACK ADJUSTER, CAM SHAFT	1
20	20 - PARK BRAKE, SPRING BRAKE	15
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	6
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	5
24	24 - FRONT AXLE BEAM, PITMAN ARM	2
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	9
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	13
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	3
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	5
36	36 - ELONGATED HOLES, WELDED REPAIRS	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	23
39	39 - SHIPPING PAPERS	4
40	40 - PLACARDING	17
43	43 - BULK PACKAGES	1
44	44 - VEHICLE MARKINGS, ID NUMBER	2
45	45 - POISON INHALATION, NON AND BULK PACKAGING	1
46	46 - NON BULK PACKAGING, INTERGRITY	1
47	47 - LOADING AND SECUREMENT, BLOCKING, BRACING, PRODUCT COMPATIBILITY, POISON/EDITIBLE	2
53	53 - UNIVERSAL JOINT	2
59	59 - MOUNTING PLATES & PIVOT BRACKET	1

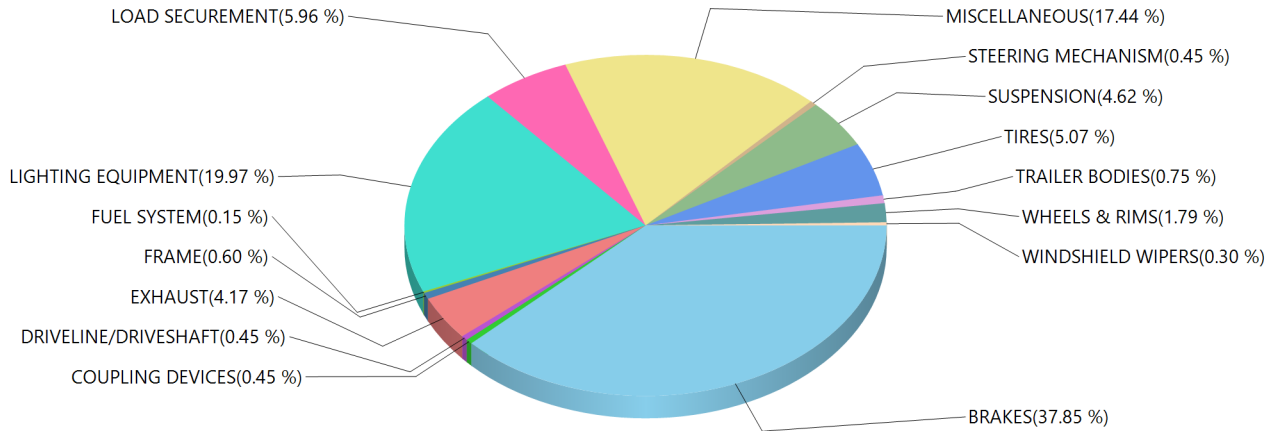
Total Defects: 336

Total Reports: 258

Defects / Reports: 1.30

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	254
COUPLING DEVICES	3
DRIVELINE/DRIVESHAFT	3
EXHAUST	28
FRAME	4
FUEL SYSTEM	1
LIGHTING EQUIPMENT	134
LOAD SECUREMENT	40
MISCELLANEOUS	117
STEERING MECHANISM	3
SUSPENSION	31
TIRES	34
TRAILER BODIES	5
WHEELS & RIMS	12
WINDSHIELD WIPERS	2

Defect Result:	BOTH
Total Defects:	671
Total Reports:	252
Defects / Reports:	2.66



## Number of Defects - CVSA Inspections '19

P8 LTD PSV TRUCK - Manitoba Registration Only  
 Inspection Result: ALL Defect Result: BOTH

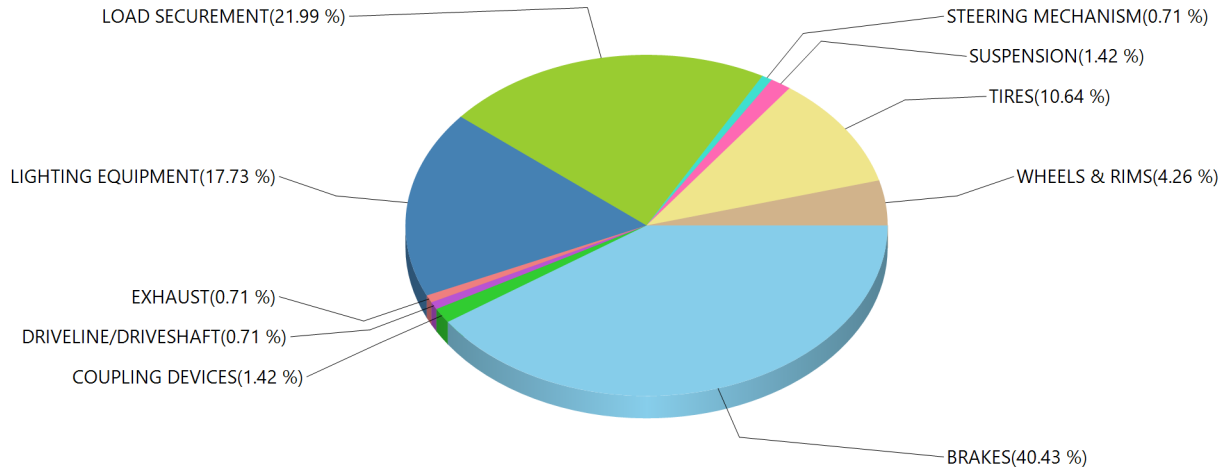


Defect Code	Defect Description	Count
1	01 - FIFTH WHEEL ASSEMBLY - UPPER / LOWER CRACKS	1
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	2
6	06 - LEAK, LOCATION	28
7	07 - CROSS MEMBER-BROKEN, SAGGING	4
9	09 - UNSECURED TANK	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	132
11	11 - PROJECTING LOAD LAMPS OR FLAG, CLEARANCE	2
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	23
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	17
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	19
15	15 - HOSE, LINES, COUPLING, VALVES	27
16	16 - LINING, DRUMS, DISCS, ROTORS	1
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	4
18	18 - AUDIBLE AIR LEAK, PUSH ROD	94
19	19 - SLACK ADJUSTER, CAM SHAFT	28
20	20 - PARK BRAKE, SPRING BRAKE	9
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	71
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	1
23	23 - STEERING WHEEL, COLUMN, GEAR BOX	1
24	24 - FRONT AXLE BEAM, PITMAN ARM	1
25	25 - POWER STEERING, BALL / SOCKET JOINTS	1
28	28 - AXLE PARTS - CRACKED, LOOSE, BROKEN, MISSING	21
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	3
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	7
32	32 - FLOOR / CROSS MEMBERS - BROKEN, DETACHED, SAGGING	4
33	33 - SIDE PANELS - BAY AREA DAMAGE	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	6
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	5
36	36 - ELONGATED HOLES, WELDED REPAIRS	1
37	37 - INOPERATIVE, MISSING, DAMAGED	2
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	34
52	52 - YOKE ENDS	1
53	53 - UNIVERSAL JOINT	2
99	MISCELLANEOUS	117

Total Defects:	671
Total Reports:	252
Defects / Reports:	<u>2.66</u>

## Number of Defects - CVSA Inspections '19

**Grouped by Defect Category  
Inspection Result: Out of Service**



BRAKES	57
COUPLING DEVICES	2
DRIVELINE/DRIVESHAFT	1
EXHAUST	1
LIGHTING EQUIPMENT	25
LOAD SECUREMENT	31
STEERING MECHANISM	1
SUSPENSION	2
TIRES	15
WHEELS & RIMS	6

Defect Result:	<b>OUT OF SERVICE</b>
Total Defects:	141
Total Reports:	92
Defects / Reports:	1.53

## Number of Defects - CVSA Inspections '19



P8 LTD PSV TRUCK - Manitoba Registration Only

Inspection Result: Out of Service

Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
2	02 - HORIZONTAL MOVEMENT, KINGPIN WEAR, LOCK MECHANISM LOOSE	2
6	06 - LEAK, LOCATION	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	25
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	19
13	13 - DUNNAGE, ANCHOR POINTS, FITTINGS	12
14	14 - CHAMBERS, RESERVOIR, COMPRESSOR	5
15	15 - HOSE, LINES, COUPLING, VALVES	13
17	17 - AIR PRESSURE GAUGE, T.P. VALVE, L.A. WARNING DEVICE	3
18	18 - AUDIBLE AIR LEAK, PUSH ROD	25
20	20 - PARK BRAKE, SPRING BRAKE	9
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	1
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	1
24	24 - FRONT AXLE BEAM, PITMAN ARM	1
29	29 - SPRING ASSEMBLY - CRACKED, LOOSE, BROKEN, MISSING	1
30	30 - AIR SUSPENSION/SLIDING AXLE - LEAKING, CRACKED, BROKEN, LOOSE, PINS, HOLES, SLIDER	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	2
35	35 - FASTENERS, STUDS, NUTS - MISSING, BROKEN	3
36	36 - ELONGATED HOLES, WELDED REPAIRS	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	15
52	52 - YOKE ENDS	1

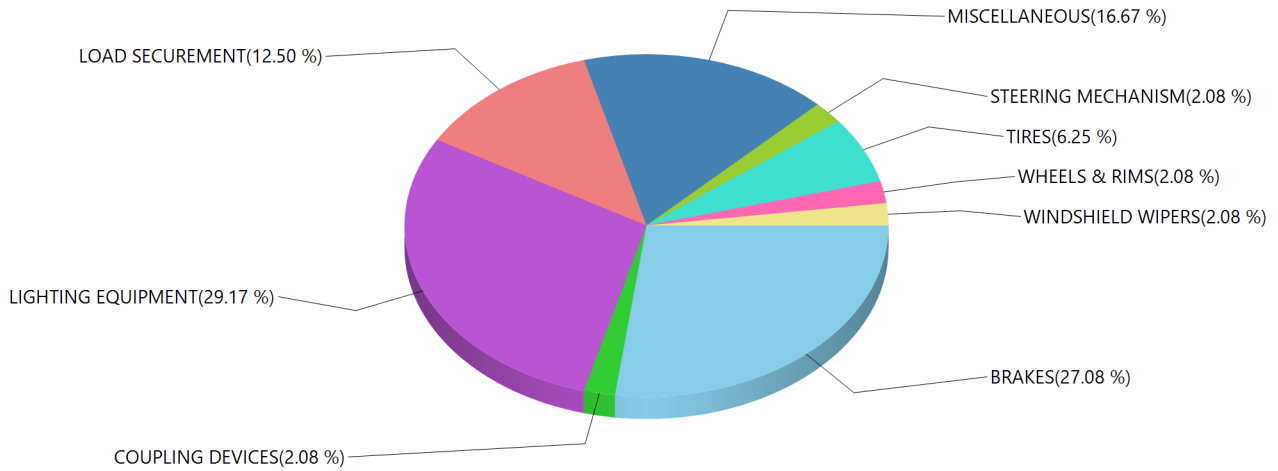
Total Defects: 141

Total Reports: 92

Defects / Reports: 1.53

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: ALL



BRAKES	13
COUPLING DEVICES	1
LIGHTING EQUIPMENT	14
LOAD SECUREMENT	6
MISCELLANEOUS	8
STEERING MECHANISM	1
TIRES	3
WHEELS & RIMS	1
WINDSHIELD WIPERS	1

Defect Result:	BOTH
Total Defects:	48
Total Reports:	18
Defects / Reports:	2.67

## Number of Defects - CVSA Inspections '19



LIGHT DUTY - Manitoba Registration Only

Inspection Result: ALL

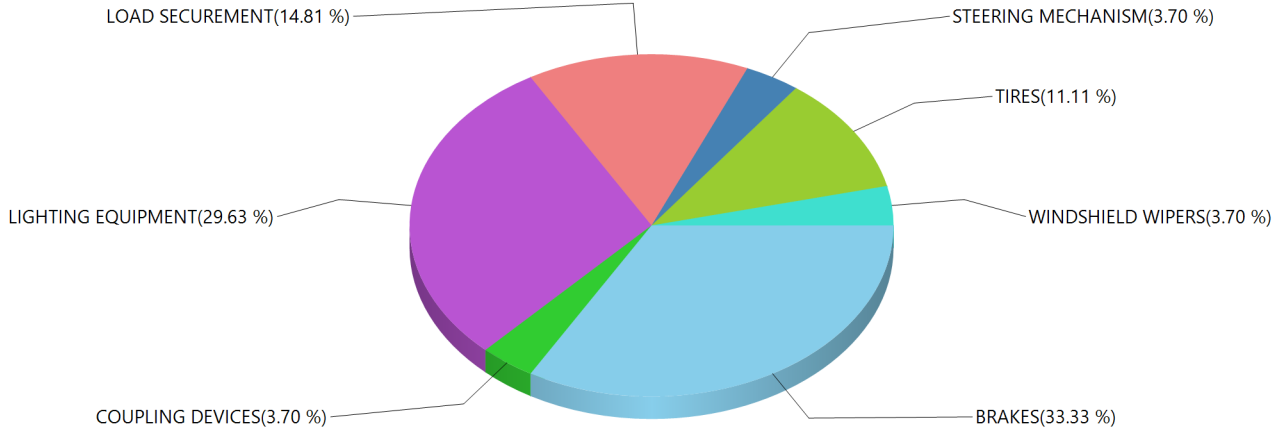
Defect Result: BOTH

Defect Code	Defect Description	Count
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	14
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	6
15	15 - HOSE, LINES, COUPLING, VALVES	2
20	20 - PARK BRAKE, SPRING BRAKE	2
21	21 - FLUID LEAKAGE, LOW LEVEL, LOW PEDAL, WARNING LIGHT, ABS	2
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	7
26	26 - TIE-RODS, DRAG LINKS, NUTS	1
34	34 - BENT, BROKEN, CRACKED, LOOSE, LEAKING	1
37	37 - INOPERATIVE, MISSING, DAMAGED	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	3
99	MISCELLANEOUS	8

Total Defects:	48
Total Reports:	18
Defects / Reports:	<u>2.67</u>

## Number of Defects - CVSA Inspections '19

Grouped by Defect Category  
Inspection Result: Out of Service



BRAKES	9
COUPLING DEVICES	1
LIGHTING EQUIPMENT	8
LOAD SECUREMENT	4
STEERING MECHANISM	1
TIRES	3
WINDSHIELD WIPERS	1

Defect Result:	OUT OF SERVICE
Total Defects:	27
Total Reports:	11
Defects / Reports:	2.45

## Number of Defects - CVSA Inspections '19



LIGHT DUTY - Manitoba Registration Only  
 Inspection Result: Out of Service

Defect Result: OUT OF SERVICE

Defect Code	Defect Description	Count
5	05 - SECONDARY ATTACHMENT MISSING, WORN, UNDER SIZE, LENGTH INEFFECTIVE	1
10	10 - HEADLAMPS, TAIL LIGHTS, SIGNAL, BRAKE	8
12	12 - SPARE TIRE, DEFECTIVE OR MISSING TIE-DOWNS	4
15	15 - HOSE, LINES, COUPLING, VALVES	1
20	20 - PARK BRAKE, SPRING BRAKE	2
22	22 - POWER ASSIST, VAC. RESERVE, HYDRAULIC AND ELECTRIC	6
26	26 - TIE-RODS, DRAG LINKS, NUTS	1
37	37 - INOPERATIVE, MISSING, DAMAGED	1
38	38 - WORN, CUT, FLAT, MIXED, CRACKED, UNDER-SIZED, INFLATED, LODGED ITEM	3

Total Defects: 27

Total Reports: 11

Defects / Reports: 2.45