

Compliance Operations Branch

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Compliance Branch

Our Purpose

To deliver risk-based regulatory activities that motivate safe and compliant road user behaviour.

Our Role

To engage, educate, deter, detect, enforce and/or prosecute (as appropriate) road users to improve compliance with relevant road transport law.

Compliance Inspections

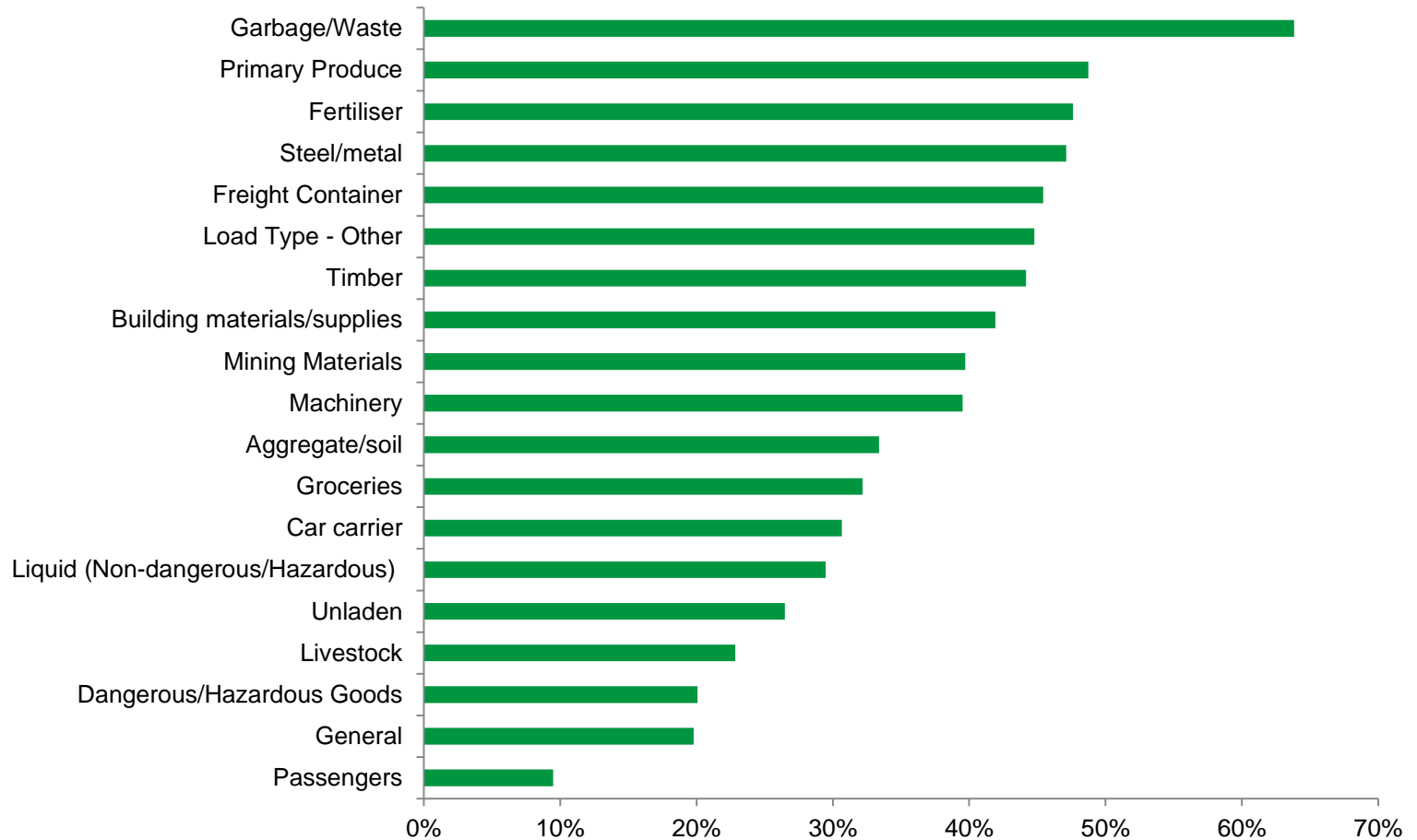
Heavy vehicle inspections during 2016 included:

- On-road enforcement: 67,686 (112,263 units)
- Heavy Vehicle Safety Stations: 115,652
(214,599 units)
- Inter Agency: 65,063 (118,911 units)
- Heavy Vehicle Inspection Stations: 95,278

TOTAL over 542,000 units inspected through all our safety road enforcement campaigns.

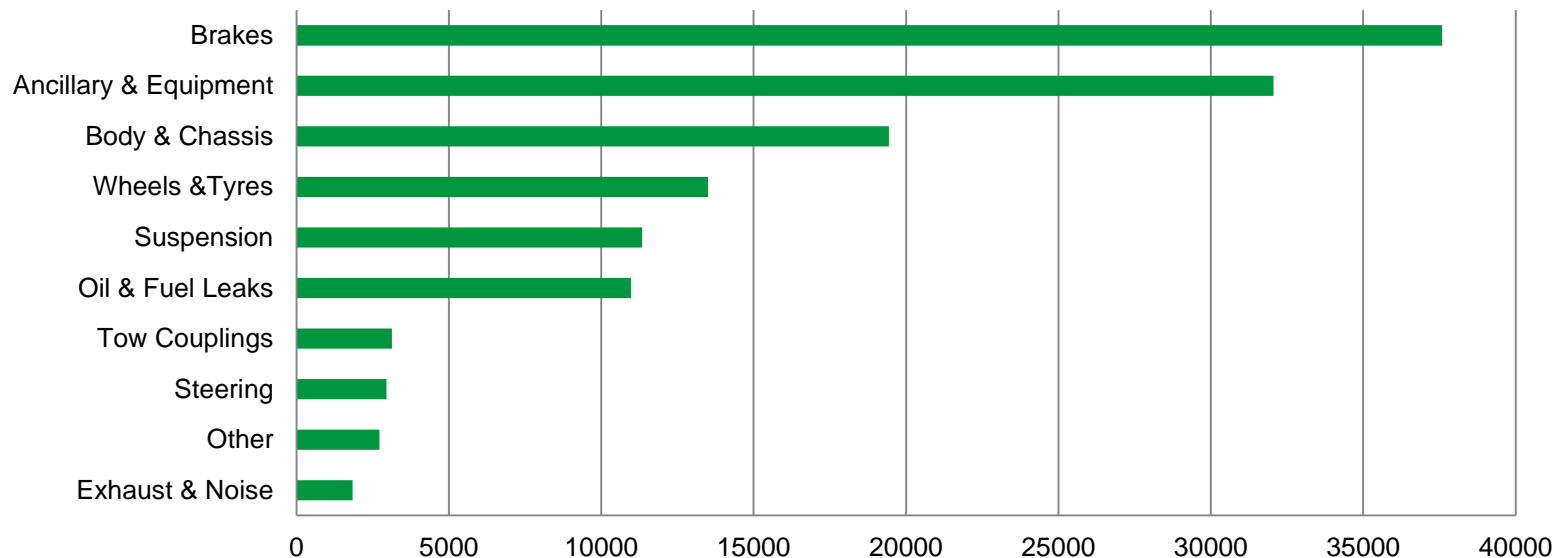


%Notices issued by Load type- 2016/17



Defect fault types 2016/17

Number of Defect Fault Types 2016/2017

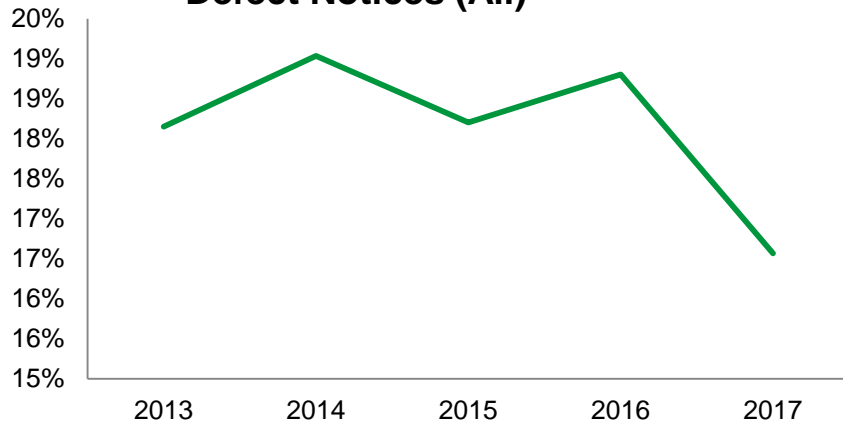


The top three defects identified were:

- Brakes (37,591 faults)
- Ancillary Equipment (32,062 faults)
- Body/Chassis (19,436)

Defect Notices

Defect Notices (All)



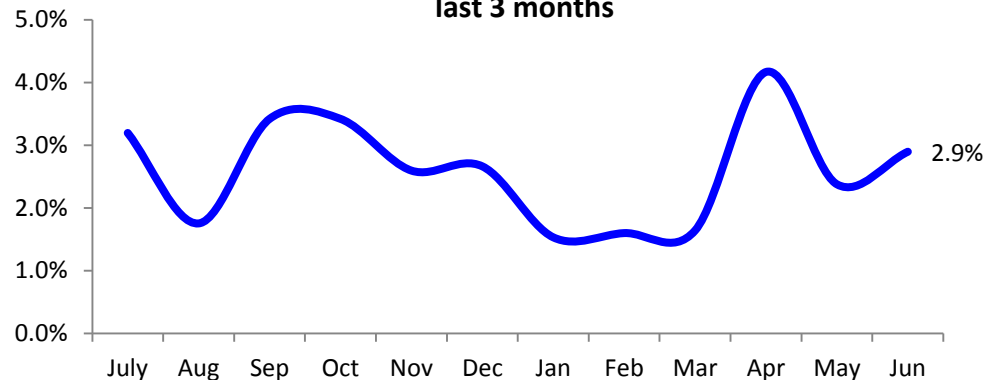
Vehicles issued a defect notice:

- yr 2013- 18.15%
- yr 2014- 19.4%
- yr 2015- 18.2%
- yr 2016- 18.8%
- yr 2017 (int.) – 16.57%

Repeat major defect:

- KPI - <2.9%

Vehicles issued Major Defect / Major Grounded Defect >1 within last 3 months



Mechanical Issues: Brake faults



Damaged brake booster



Over stroking- adjustment

Compliance Inspection

Case Study (Brakes)



- Vehicle inspection, with vehicle directed off the road due to major brake faults identified.

Brake Compliance

Roller brake testing (hauling unit)

AXLE 1			
Max Brake Fr N	4950	4550	9501
Brake Balance %	91	91	91 P
Max Decel'n m/s/s	1.8	1.6	1.7
Axle Weight kg	2718	2856	5575
Net Roll Res N	239	226	465
AXLE 2			
Max Brake Fr N	8243	459	8702
Brake Balance %	5	5	5 F
Max Decel'n m/s/s	5.3	0.2	2.7
Axle Weight kg	1541	1626	3167
Net Roll Res N	119	113	232
AXLE 3			
Max Brake Fr N	1656	399	2055
Brake Balance %	24	24	24 F
Max Decel'n m/s/s	1.3	0.2	0.7
Axle Weight kg	1285	1467	2673
Net Roll Res N	99	93	192
Total Vehicle Summary			
Max Decel'n m/s/s	-	-	1.7 F
Axle Weight kg	-	-	11415

- Minimum brake performance required (NHVIM) 4.4kN/ tonne

Brake performance 1.7kN/tonne

- Various brakes also inoperative.

Brake compliance

Brake boosters over-stroking



Various brake boosters over-stroking and producing minimal to no braking retardation on the wheel.

Over-height vehicles

Disobey “Low Clearance” signage



Over height vehicles operating in the wrong area-

- Damage infrastructure
- Delay traffic
- May be fined \$2238 and 6 demerit points (licence and registration may be suspended).

Loading practices

Unrestrained loads

- Unrestrained loads may dislodge or shift causing a crash.



Targeted Operations

Sector specific – risk compliance

Targeted operations include:

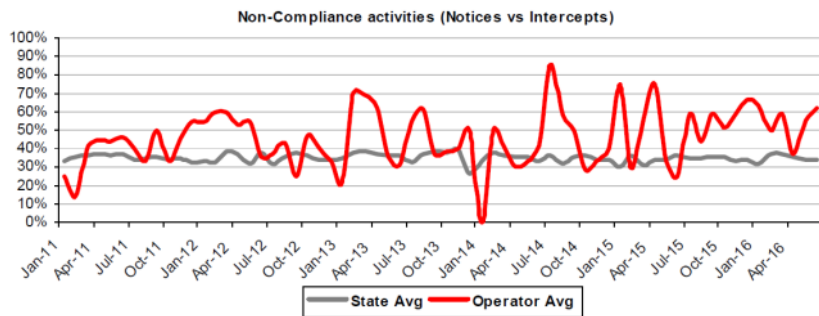
- Vehicle roadworthiness
- Load restraint
- Vehicle mass (mass limits)
- Fatigue (working and rest hours)
- Sector Specific (eg construction sector).



Operator profiling

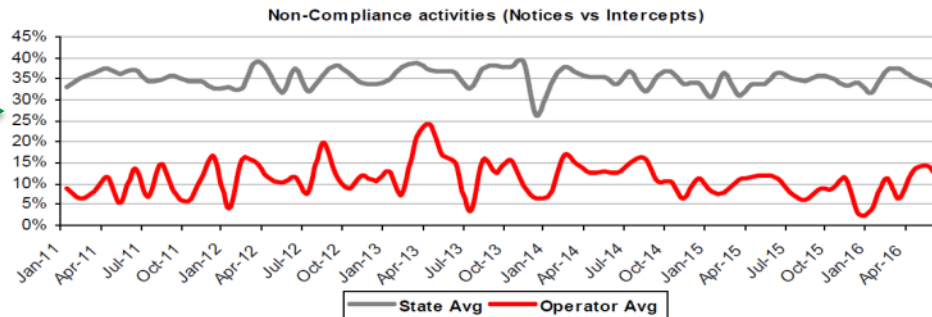
Enhanced risk-based targeting

- Assessing compliance history provides evidence for targeted enforcement.



Operator of interest
(above state average)

Operator below the state
average



Future focus

- *The purpose of Roads and Maritime is to enable safe and efficient journeys throughout NSW*
- *Divisional focus is to become an agile, risk-based and outcomes focused regulator.*
 - **Regulate with purpose**
 - **Risk based**
 - **Task monitoring and Outcome reporting**

