

National Roadworthiness Baseline Survey

An overview of Australia's heavy vehicle health check



Vehicle type & number inspected



Rigid



Semi-Trailer



B-Double



Road Train



Bus/Coach



Plant/Special Purpose Vehicle

From August through October 2016, the NHVR coordinated the first ever health check of the Australian heavy vehicle fleet (except Western Australia). The National Roadworthiness Baseline Survey was the most comprehensive assessment of mechanical condition ever undertaken.

Throughout the survey period authorised officers performed inspections on rigid trucks, semi-trailers, B-doubles, and road trains at roadside check points and buses and plant equipment in depots nationally. Each vehicle was subject to a comprehensive visual inspection and a roller brake test. Inspections were based on the recently released *National Heavy Vehicle Inspection Manual* (NHVIM); the first time ever that a single national standard has been used for this purpose. The full results of the survey will be published in early 2017.

Data collected from the survey will help us:

- Identify factors that increase the risk of incidents
- Develop a national risk-based heavy vehicle inspection approach
- Identify high risk vehicle components, vehicle systems, vehicle types and industry sectors.

The results of the survey support the other projects in the National Heavy Vehicle Roadworthiness Program. The program aims to find ways to reduce the social, economic, and environmental impacts of unroadworthy heavy vehicles. Now that we have a clearer picture of the condition of Australia's heavy vehicle fleet we can set a benchmark to measure our progress, report on heavy vehicle maintenance performance trends, identify mechanical risk factors and create a nationally consistent inspection approach. Our aim is to ensure that heavy vehicle operators no longer have different inspections standards in different states and territories.

