

(c) *Private Vehicles*

52.1 per cent. (based on returns from Municipal Testing Stations)

ANALYSIS OF DEFECTS.—(a) *Passenger-service Vehicles*.—Table No. 14 in the Appendix gives an analysis of the defects for the various types of passenger-service vehicles. From this table it will be noted that the most common defect is in respect of steering-gear. The fact that 27.5 per cent. of the omnibuses and 50.1 per cent. of the passenger-trucks operating in the Dominion were found to have “defects” in the steering-gear does not necessarily mean that the vehicles were in a dangerous condition. The item “steering-gear” covers all the component parts of the steering-mechanism, and an adjustment or replacement is requested when the degree of wear is such that there is a likelihood of a dangerous condition developing before the next bi-annual inspection.

The number of defects disclosed by the examination indicates the necessity for the inspection of motor-vehicles at regular intervals.

(b) *Goods-service Vehicles*.—The following defects were found in the inspection of goods-service vehicles on the basis of every 100 vehicles examined.

Unladen weight displayed	..	..	18.4
Trade name and address	..	..	10.8
Head lights	..	..	29.6
Tail light	..	..	19.0
Warning-device	..	..	5.6
Windscreen-wiper	..	..	5.0
Rear vision mirror	..	..	9.0
Tires	..	..	1.3
Suitable jack	..	..	1.4
Fuel system	..	..	9.6
Brake connections	..	..	13.9
Steering-gear	..	..	44.3
Transmission	..	..	8.8
Engine condition	..	..	4.9
Driver's exit	..	..	15.6
Brakes, foot	..	..	12.6
Brakes, hand	..	..	22.3

(c) *Private Vehicles*.—From the returns furnished by municipal testing stations, private vehicles (motor-cars, &c.) were found to have the following defects when submitted for examination for a warrant of fitness. The figures represent the number of defects on the basis of every 100 vehicles examined.

Brakes, foot	..	..	20.7
Brakes, hand	..	..	18.8
Lights, head	..	..	19.9
Lights, tail	..	..	5.6
Steering-gear	..	..	15.6
Windscreen-wiper	..	..	1.9
Rear vision mirror	..	..	0.5
Warning-device	..	..	1.0
Door-fastenings	..	..	1.6