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**SURVEY OF
MOTOR VEHICLE USAGE
TWELVE MONTHS ENDED
30 SEPTEMBER 1979**

CATALOGUE NO. 9208.0

AUSTRALIAN BUREAU OF STATISTICS Canberra

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TWELVE MONTHS ENDED 30 SEPTEMBER 1979**

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Catalogue No. 9208.0

AUSTRALIAN BUREAU OF STATISTICS

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CONTENTS

<i>Tables</i>	<i>Page</i>
.. Explanatory notes	2
.. Comments on terms used	3
.. Charts	5
 Part A –	
1. Average annual kilometres by type of vehicle : Australia Twelve months ended 31 December 1963, 30 September 1971, 30 September 1976, 30 September 1979	8
2. Total annual kilometres by type of vehicle : Australia Twelve months ended 31 December 1963, 30 September 1971, 30 September 1976, 30 September 1979 For the twelve months ended 30 September 1979 –	8
3. Average annual kilometres, by type of vehicle and purpose : Australia	9
4. Average annual kilometres, by type of vehicle and State of registration : Australia	9
5. Average annual kilometres, by type of vehicle and area of operation : Australia	10
6. Average annual kilometres, by purpose : States of registration	10
7. Average annual kilometres, by area of operation : States of registration	11
 Part B –	
8. Total annual kilometres, by State of operation : States of registration	13
9. Average annual kilometres, by type of vehicle : States of registration	13
10. Total and average annual kilometres, by area of operation : States of registration	14
11. Total and average annual kilometres, by type of vehicle and area of operation : Australia	15
12. Total and average annual kilometres, by purpose : States of registration	16
13. Total and average annual kilometres, by type of vehicle and purpose : Australia	(17)
14. Total and average annual business kilometres, by type of vehicle : States of registration	18
15. Total annual laden business kilometres, by type of vehicle and vehicle usage : Australia	19
16. Total and average annual tonne-kilometres, by type of vehicle : States of registration	20
17. Total annual tonne-kilometres, by type of vehicle and area of operation : Australia	21
18. Total annual tonne-kilometres, by area of operation : States of registration	22
19. Total annual tonnes carried, by industry served : States of registration	22
20. Average annual kilometres, by type of vehicle, number of occupants and area of operation : Australia	23
21. Total annual fuel consumption, by type of vehicle and type of fuel : Australia	(24)
22. Average annual rate of fuel consumption, by type of vehicle and type of fuel : Australia	(25)
23. Total number of vehicles, by type of vehicle : States of registration	26
 Appendices	
1. Questionnaire completed by owners of cars, station wagons, motor cycles and those utilities and panel vans used mainly for private purposes.	28
2. Questionnaire completed by owners of "commercial" vehicles.	35

EXPLANATORY NOTES

Introduction

This publication presents final statistics of motor vehicle usage in Australia for the twelve month period ended 30 September 1979 (excluding vehicles registered as buses) and augments a preliminary publication issued in September 1980 (9202.0). The publication is divided into two parts, part A comprising final figures for the first seven tables published in the preliminary publication and part B containing additional, more detailed data. The data was collected by means of a sample survey conducted by the Australian Bureau of Statistics involving approximately 57,000 vehicles throughout Australia.

2. This is the fourth survey of motor vehicle usage to be conducted by the ABS. Previous surveys were conducted in 1963, 1971 and 1976 and this publication contains some summary tables comparing the results obtained in the four surveys.

3. As in previous surveys the information was collected by means of a mail recall survey with respondents being asked to provide information on the use of the selected motor vehicle for the relevant twelve month period, or that part for which they were the registered owner. Where the selected owner had not owned the vehicle for the whole of the survey year, the usage details provided for the period of ownership were pro-rated to a twelve month equivalent. The statistics therefore relate to the annual rate of usage of vehicles registered at the survey date of 30 September 1979 rather than the actual usage of all vehicles registered at any time during the year.

4. Three further publications, one providing more detailed statistics on the usage of commercial vehicles the second details of bus usage, and the third accident exposure data, will be published within the next few months.

Scope

5. The population for the survey included all vehicles 'on register' in Australia at 30 September 1979 except for caravans, trailers, tractors, plant and equipment, vehicles belonging to the defence services, vehicles with diplomatic or consular plates and buses operated by government or municipal authorities.

Survey population

6. Information was extracted from the registration systems of the Commonwealth and State motor vehicle registration authorities to obtain an initial population of approximately 7.4 million motor vehicles on register from which the sample for the survey was selected. For each State and Territory this population was then updated from the time the data was captured, to obtain a population of motor vehicles as at the survey reference date of 30 September 1979. This latter population was used to derive appropriate sample expansion factors.

Vehicle classification

7. As in the 1976 survey, the vehicle population was stratified according to the body type recorded by

the registration authority with load carrying vehicles being further classified by tare weight. This further classification of the truck sector was considered necessary because of the markedly different usage patterns of trucks of various sizes.

8. This stratification differs from that used in the 1963 and 1971 surveys where commercial vehicles were classified by carrying capacity. This classification caused a number of problems which resulted mainly from its reliance on a variable (carrying capacity) which was not recorded at all in some registry systems or for certain vehicle types only in others. Tare weight, on the other hand, is readily available in nearly all registration documents and can therefore be expected to provide a more reliable and accurate basis for estimates of commercial motor vehicle usage.

Sample size

9. The survey involved an Australia-wide sample of approximately 57,000 vehicles of which seventy five per cent were trucks, utilities and panel vans, eighteen per cent cars, station wagons and motor cycles, and the remaining seven per cent buses and microbuses. The emphasis on 'commercial' vehicles was necessary because of the diverse usage characteristics of commercial vehicles and because a major interest of users is in road freight transport.

Method of collection

10. Postal questionnaires were despatched in September/October 1979. A 'private' form (MV1) was sent to owners of cars, station wagons and motor cycles and a 'commercial' form (MV2) was sent to owners of trucks. Owners of utilities and panel vans were sent both forms and asked to complete the form which was more relevant to the usage of their vehicle.

11. Examples of the questionnaires are included as appendices 1 and 2.

12. Separate forms were used for each State in order to obtain data on distances travelled within particular regions of each State.

Reliability of estimates

13. Since the statistics in the following tables are based on a sample, they may differ from the figures which would have been obtained from a complete census using the same questionnaire and procedures. One measure of the likely difference is given by the standard error, which provides a measure of the extent to which an estimate might have varied by chance because only a sample of vehicles and not the whole population was surveyed. In the statistics in this publication the standard error is shown as a percentage of the associated estimate. There are about two chances in three that a sample estimate will differ by less than one standard error from the figures that would have been obtained from a comparable complete enumeration, and about 19 chances in 20 that the difference will be less than two standard errors. For example in Table 4 the estimate of average annual kilometres for all trucks registered in South Australia is 20,800 with a standard error of 2 per cent of the estimate, that is, about 400. Therefore there

are about two chances in three that the value which would have been obtained from a complete census will fall in the range 20,400 to 21,200 and about 19 chances in 20 that the value will fall within the range 20,000 to 21,600.

14. Some of the standard errors associated with the estimates contained in this publication are relatively high. However, any limit for publication purposes would have been arbitrary and it was therefore decided to publish the figures. In this situation it is important for users to check that the estimates are reliable enough for the particular purpose for which they require the statistics. For example estimates with standard errors exceeding 50 per cent of the estimate would not be reliable enough for most purposes. However, there may be situations in which such estimates are still of value and they have thus been included in this publication. In other situations it may be necessary for estimates to have standard errors of less than 10 per cent of the estimate for them to be reliable enough to use. It is left to the user to exercise the necessary caution in using the estimates in this publication.

15. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with other inaccuracies such as those which may occur because of imperfections due to reporting by respondents. Inaccuracies of this latter kind are referred to as non-sampling errors and may occur in any enumeration whether it is a full count or a sample.

Comments on terms used

Average

16. For some tables showing data expressed as averages (namely those classified by purpose or area of operation) there is more than one concept of average which may be adopted, depending on the type of denominator used. The concept used in the published data from both the 1963 and 1971 surveys was the 'broad' average. This is defined as the average obtained by using as the denominator the estimated number of vehicles in the population of the relevant vehicle type and, in the case of State dissections, registered in the relevant State. This is the concept adopted in the average tables in part A of this publication.

17. A second concept, called the 'narrow' average is used in the relevant tables in part B. This is the average obtained by using as the denominator the estimated number of vehicles in the population which contributed to a particular cell. For example, in Table 11 of part B, average annual kilometres in a particular area has been calculated by dividing total kilometres travelled in that area by the number of vehicles reporting travel in that area. As the denominators used to calculate each cell of a narrow average table are different, the sum of each of the average figures along a row will not equal the average figure in the final column, as is the case in broad average tables.

18. If 'broad' averages are required, they may be calculated by dividing each cell in the corresponding total table by the estimate of the population of each vehicle type shown in Table 23 of part B. Also the

percentage standard error associated with any 'broad' average derived as outlined above can be closely approximated by taking the square root of the sum of the squares of the standard error percentages associated with the numerator (total) and denominator (number of vehicles) used to derive that 'broad' average. However, this method of approximation is reasonably accurate only in cases where the percentage standard error of the denominator is less than 20 per cent of the percentage standard error of the numerator.

Area of operation

19. Definitions of 'capital city' which apply for this Survey are set out below:

SYDNEY: The Sydney Statistical Division, containing the area with the outer boundaries comprising the local government areas of Gosford and Wyong in the north, Baulkham Hills, Windsor, Colo and Blue Mountains in the West and Camden, Campbelltown, Wollondilly and Sutherland in the southwest and south.

MELBOURNE: The Melbourne Statistical Division, including the towns of Werribee, Sunbury, Craigieburn, Whittlesea, Healesville, Berwick and the whole of the Mornington Peninsula.

BRISBANE: The Brisbane Statistical Division, extending from and including the town of Caboolture in the north to the town of Beenleigh in the south, all of the Redland Shire in the east, and west to include the City of Ipswich and the eastern part of the Pine Rivers Shire. It also includes the City of Redcliffe.

ADELAIDE: The Adelaide Statistical Division, roughly bordered by a line from Gawler in the north to Willunga in the south and extending into the Hills to a line through Bridgewater and Kangarilla.

PERTH: The Perth Statistical Division, which is approximately the area bounded by Yanchep and Bullsbrook in the north, Warnbro and Jarrahdale in the south and Wooroloo in the east.

HOBART: The Hobart Statistical Division, extending from New Norfolk in the west to Sorell and Carlton Creek in the east and from Brighton in the north to Snug in the south.

DARWIN: All that area within the 11½ mile peg : encompasses Darwin, Nightcliff, Casuarina, Sanderson, etc.

'Capital city' includes the A.C.T. for A.C.T. vehicles only.

PROVINCIAL URBAN: This includes centres apart from those already included in the capital city urban classification having populations greater than 40,000 in the 1971 Population and Housing Census, i.e.

N.S.W. : Newcastle, Wollongong and Port Kembla
 VIC : Geelong, Ballarat and Bendigo
 QLD : Gold Coast, Toowoomba, Rockhampton
 and Townsville
 TAS : Launceston

It also includes travel on the Stuart and Barkly highways for N.T. vehicles only.

Purpose classification

20. The 'purpose' classification is derived from information collected from the 'distance travelled' characteristics and where appropriate the 'load carried' sections of the questionnaires.

Business kilometres includes distance travelled for hire and reward, or charged to a business expense or for which an allowance was received (except for travel to and from work).

21. All distance travelled for business purposes of vehicles selected as cars, station wagons and motor cycles and of utilities and panel vans predominantly used for private purposes is included in 'total business kilometres'. The laden/unladen dissection of distance travelled for business purposes was collected for all remaining vehicle types.

Travel to and from work includes only travel between place of residence and place of work at the beginning and end of each work day. 'Paid' travel is that which is chargeable to a business expense or for which an allowance was received.

Vehicle usage

22. Details of type of vehicle usage (e.g. for hire and reward etc.) were asked only of those owners of vehicles selected to receive the questionnaire in appendix 2 (i.e. utilities and panel vans used commercially and trucks).

Industry served

23. Where a vehicle's usage was reported as 'used in own business', the industry served is the industry of the operator of the vehicle. Where the vehicle's usage was reported as 'carrying for hire and reward', the industry served is the industry of the main client. If there was no main client the industry served is shown as 'road transport'.

Total annual fuel consumption

24. This is the sum of the product of total kilometres and the reported average rate of fuel consumption (expressed in litres/100 kilometres) for each vehicle.

Average annual rate of fuel consumption

25. In the table showing average annual rate of fuel consumption, each figure shown has been calculated by dividing the total fuel consumption by total annual kilometres for vehicles of that class.

Total annual tonne-kilometres

26. This is the sum of the product of reported average load and total business kilometres travelled while loaded (laden business kilometres) for each vehicle.

Number of vehicles

27. To overcome differences in recording practices between the various State and Territory registration authorities, comparability of data between States has been achieved by classifying vehicles in the survey according to the body type and, where relevant, tare weight reported by respondents. Thus estimates of numbers of vehicles may differ from motor vehicle census figures, in which vehicles were classified according to registered body type.

Metropolitan

28. Includes all of those areas included within the definition of 'capital city' in the area of operation classification.

Related publications

29. Already published:

Survey of Motor Vehicle Usage, Australia, Twelve Months Ended 30 September 1979 (Preliminary) (9202.0)

30. To be published in the next few months:

Survey of Motor Vehicle Usage - Commercial Vehicle Usage, Australia, Twelve Months Ended 30 September 1979 (9209.0)

Survey of Motor Vehicle Usage - Buses, Australia, Twelve Months Ended 30 September 1979 (9203.0)

Survey of Motor Vehicle Usage - Accident Exposure Data, Australia, Twelve Months Ended 30 September 1979 (9210.0)

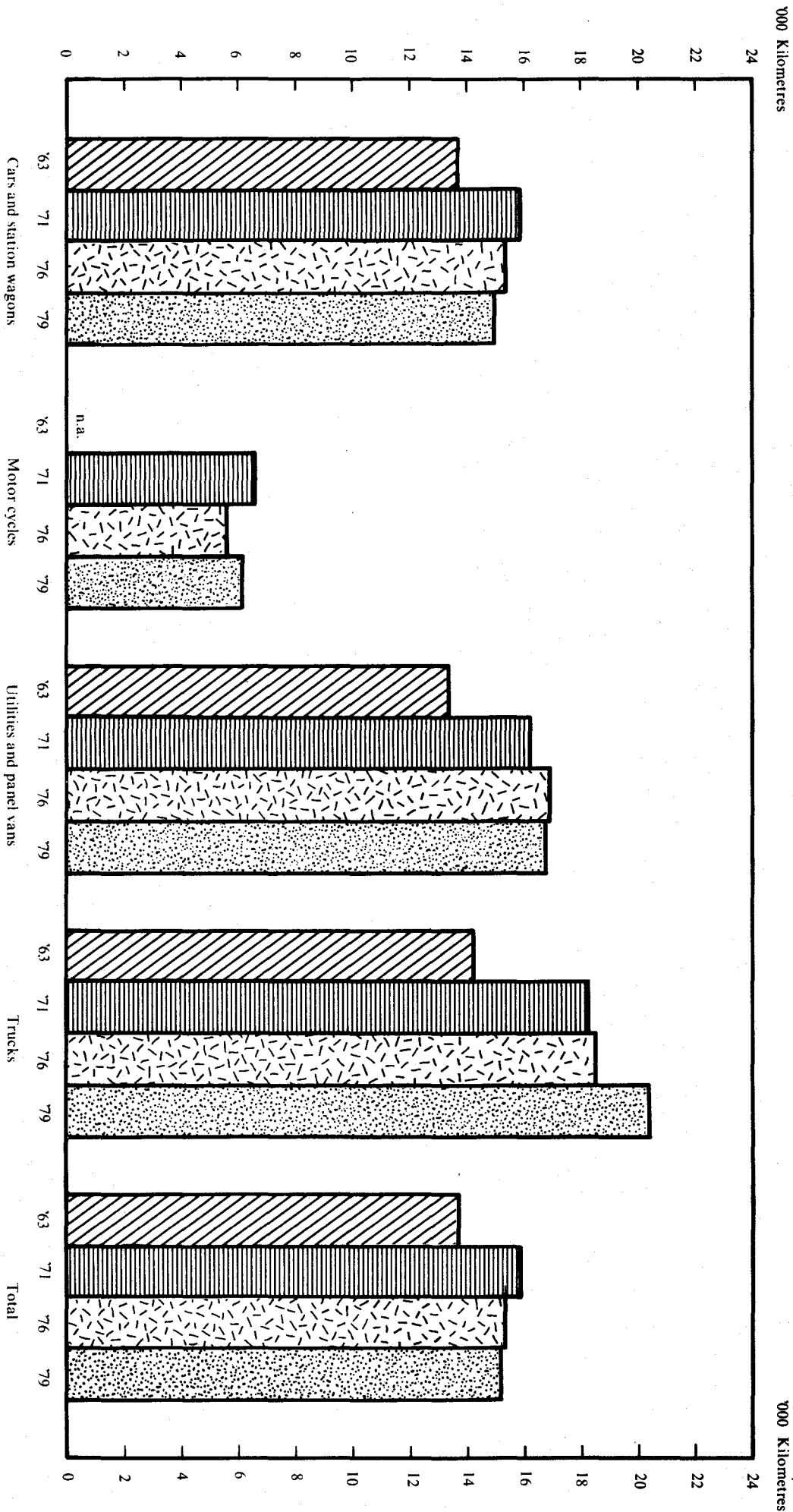
31. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia*, (1101.0) which is available free of charge from any ABS office.

Symbols and other usages

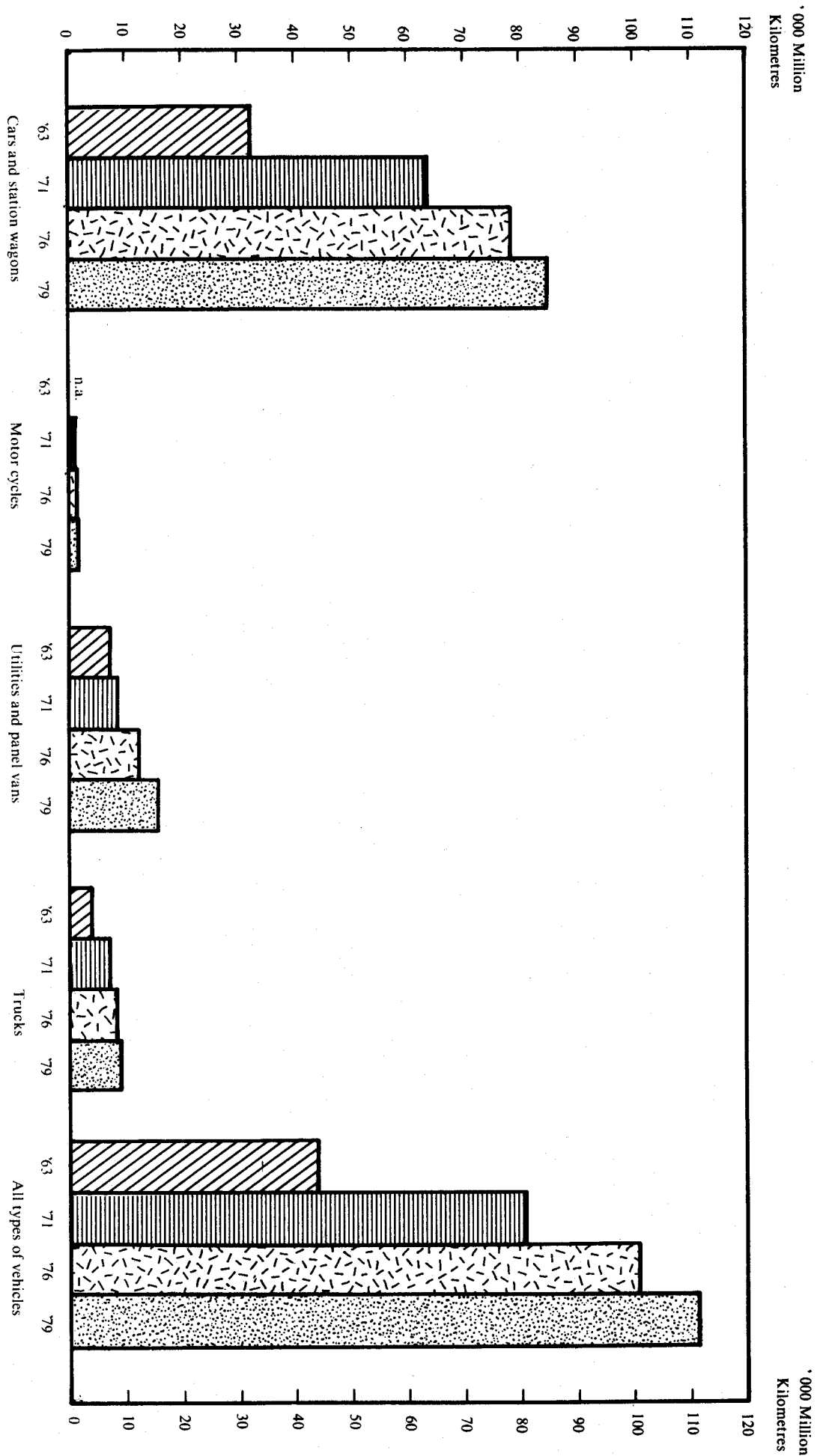
— nil or rounded to zero
 .. not applicable
 n.a. not available
 S.E. standard error

32. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

AVERAGE ANNUAL KILOMETRES BY TYPE OF VEHICLE : AUSTRALIA



TOTAL ANNUAL KILOMETRES BY TYPE OF VEHICLE : AUSTRALIA



PART A

**Tables containing averages in this part
use the "broad" average concept.**

(See paragraphs 16 to 18 of Explanatory Notes)

TABLE 1. AVERAGE ANNUAL KILOMETRES BY TYPE OF VEHICLE : AUSTRALIA
TWELVE MONTHS ENDED DECEMBER 1963, SEPTEMBER 1971, SEPTEMBER 1976, SEPTEMBER 1979

Type of vehicle	Year							
	1963		1971		1976		1979	
	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %
Cars and station wagons	13.7	n.a.	15.9	(1.0)	15.4	(1.2)	15.0	(1.1)
Motor cycles	n.a.	n.a.	6.6	(3.2)	5.6	(5.4)	6.1	(3.6)
Utilities and panel vans	13.4	n.a.	16.2	(1.1)	16.9	(2.5)	16.8	(2.6)
Trucks	14.2	n.a.	18.3	(0.9)	18.5	(1.0)	20.4	(1.1)
Total	13.7	n.a.	15.9	(0.8)	15.3	(1.0)	15.2	(0.9)

TABLE 2. TOTAL ANNUAL KILOMETRES BY TYPE OF VEHICLE : AUSTRALIA
TWELVE MONTHS ENDED DECEMBER 1963, SEPTEMBER 1971, SEPTEMBER 1976, SEPTEMBER 1979

Type of vehicle	Year							
	1963		1971		1976		1979	
	Mil. kilometres	S.E. %	Mil. kilometres	S.E. %	Mil. kilometres	S.E. %	Mil. kilometres	S.E. %
Cars and station wagons	32,801.8	n.a.	63,801.9	(1.0)	78,531.0	(1.2)	84,871.5	(1.1)
Motor cycles	n.a.	n.a.	1,013.7	(3.3)	1,641.3	(5.4)	1,768.2	(3.6)
Utilities and panel vans	7,195.9	n.a.	8,567.3	(1.2)	12,289.9	(2.6)	15,928.0	(2.6)
Trucks	4,021.0	n.a.	7,668.2	(0.9)	8,457.0	(1.1)	8,901.6	(1.4)
Total	44,018.7	n.a.	81,051.2	(0.8)	100,919.2	(1.0)	111,469.2	(0.9)

TABLE 3. AVERAGE ANNUAL KILOMETRES, BY TYPE OF VEHICLE AND PURPOSE : AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	Purpose																					
	Laden business			Unladen business			Total business (a)			Paid to and from work			Unpaid to and from work			Private			Total			
	'000 kilometres	S.E. %		'000 kilometres	S.E. %		'000 kilometres	S.E. %		'000 kilometres	S.E. %		'000 kilometres	S.E. %		'000 kilometres	S.E. %		'000 kilometres	S.E. %		
Cars and station wagons	..	..	..	..	..	..	3.0	(3.9)	0.4	(7.4)	3.0	(2.5)	8.6	(1.4)	15.1	(1.1)						
Motor cycles	..	..	..	..	..	..	0.6	(10.4)	0.2	(15.7)	2.2	(5.6)	3.4	(5.0)	6.3	(3.6)						
Utilities and panel vans	5.7	(5.5)	2.4	(8.1)	8.8	(4.7)	0.4	(15.8)	2.4	(7.5)	2.4	(20.0)	0.5	(6.4)	16.7	(1.6)						
Rigid trucks	10.8	(1.8)	4.7	(2.5)	15.6	(1.9)	0.1	(10.6)	0.5	(21.0)	0.4	(7.2)	0.1	(11.6)	59.3	(5.2)						
Articulated trucks	41.1	(1.3)	17.6	(1.5)	58.7	(1.2)	0.1	(35.4)	0.1	(9.5)	0.8	(13.3)	5.4	(8.7)	12.9	(5.2)						
Other truck type vehicles	..	..	..	..	..	..	6.5	(8.9)	0.1	(9.5)	0.5	(15.6)	0.9	(5.4)	20.7	(1.1)						
All trucks	13.0	(1.3)	5.7	(1.8)	19.2	(1.3)	0.4	(6.5)	2.8	(2.3)	7.5	(1.3)	15.3	(0.9)								
Total	n.a.	..	n.a.	..	4.6	(2.3)	0.4	(6.5)	2.8	(2.3)	7.5	(1.3)	15.3	(0.9)								

(a) Includes business travel of non load carrying vehicles.

TABLE 4. AVERAGE ANNUAL KILOMETRES, BY TYPE OF VEHICLE AND STATE OF REGISTRATION : AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	State of registration																	
	N.S.W.		Vic.		Qld		S.A.		W.A.		Tas.		N.T.		A.C.T.		Aust.	
	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %
Cars and station wagons	14.8	(2.1)	15.6	(2.3)	14.6	(2.7)	15.0	(2.6)	15.9	(2.6)	12.9	(2.4)	14.5	(4.5)	16.6	(2.8)	15.1	(1.1)
Motor cycles	6.5	(7.1)	6.8	(8.1)	5.4	(7.9)	6.7	(7.8)	6.8	(9.5)	6.5	(7.5)	6.6	(7.7)	7.5	(10.7)	6.3	(3.6)
Utilities and panel vans	16.9	(6.1)	16.8	(4.2)	16.3	(5.7)	16.4	(5.0)	18.7	(5.2)	14.6	(5.4)	21.6	(7.5)	20.5	(7.4)	17.0	(2.6)
Rigid trucks	18.0	(3.6)	17.2	(2.1)	14.4	(2.7)	14.0	(2.5)	16.5	(2.7)	15.3	(3.1)	21.0	(3.6)	20.3	(5.5)	16.7	(1.6)
Articulated trucks	59.0	(2.1)	61.4	(1.9)	47.7	(1.7)	77.8	(2.5)	51.8	(1.7)	57.5	(2.1)	74.6	(5.0)	87.6	(11.3)	59.3	(1.0)
Other truck type vehicles	15.9	(8.8)	10.6	(13.9)	12.4	(10.0)	14.5	(13.4)	12.3	(11.8)	8.7	(11.6)	12.2	(7.5)	15.9	(13.3)	12.9	(5.2)
All trucks	22.2	(2.4)	20.8	(1.7)	18.3	(1.9)	20.8	(2.0)	18.7	(2.1)	18.4	(2.4)	32.9	(3.4)	25.5	(5.3)	20.7	(1.1)
Total	15.2	(1.8)	15.8	(1.9)	14.5	(2.3)	15.1	(2.1)	16.2	(2.1)	13.4	(2.0)	17.2	(3.7)	16.9	(2.5)	15.3	(0.9)

TABLE 5. AVERAGE ANNUAL KILOMETRES, BY TYPE OF VEHICLE AND AREA OF OPERATION : AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	Area of operation															
	Capital city (a)			Provincial urban (b)			Other areas of State or Territory			Total within State of registration			Australia			
	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %		
Cars and station wagons	8.4	(1.7)	1.6	(4.5)	4.4	(2.5)	14.5	(1.1)	0.6	(4.9)	15.1	(1.1)	0.6	(4.9)	15.1	(1.1)
Motor cycles	2.9	(5.6)	0.8	(11.3)	2.3	(5.7)	5.9	(3.6)	0.4	(13.8)	6.3	(3.6)	0.4	(13.8)	6.3	(3.6)
Utilities and panel vans	8.0	(4.6)	1.8	(12.7)	6.6	(4.3)	16.4	(2.6)	0.5	(15.3)	17.0	(2.6)	0.5	(15.3)	17.0	(2.6)
Rigid trucks	7.8	(4.1)	1.3	(4.8)	7.1	(2.0)	16.2	(2.2)	0.4	(8.1)	16.7	(2.2)	0.4	(8.1)	16.7	(2.2)
Articulated trucks	11.7	(2.2)	4.8	(3.6)	29.2	(1.5)	45.7	(1.3)	13.6	(2.6)	59.3	(1.0)	13.6	(2.6)	59.3	(1.0)
Other truck type vehicles	6.4	(8.1)	1.1	(17.0)	4.0	(7.4)	11.4	(5.3)	1.5	(21.0)	12.9	(5.2)	1.5	(21.0)	12.9	(5.2)
All trucks	8.1	(3.3)	1.6	(3.4)	9.1	(1.4)	18.8	(1.6)	1.9	(2.8)	20.7	(1.1)	1.9	(2.8)	20.7	(1.1)
Total	8.1	(1.5)	1.6	(3.9)	4.9	(1.9)	14.6	(0.9)	0.7	(3.9)	15.3	(0.9)	0.7	(3.9)	15.3	(0.9)

(a) Includes A.C.T. for A.C.T. vehicles. (b) Includes travel on the Stuart and Barkly highways for Northern Territory vehicles.

TABLE 6. AVERAGE ANNUAL KILOMETRES, BY PURPOSE : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

State of registration	Purpose																				
	Laden business			Unladen business			Total business (a)			Paid to and from work			Unpaid to and from work			Private			Total		
	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	
New South Wales	1.5	(5.9)	0.7	(9.3)	5.0	(4.6)	0.4	(11.8)	2.8	(4.3)	7.0	(2.7)	15.2	(1.8)	15.2	(1.8)	7.0	(2.7)	15.2	(1.8)	
Victoria	1.4	(3.9)	0.6	(5.0)	4.3	(4.5)	0.4	(13.0)	3.0	(4.8)	8.1	(2.8)	15.8	(1.9)	15.8	(1.9)	8.1	(2.8)	15.8	(1.9)	
Queensland	1.6	(8.2)	0.6	(9.0)	4.6	(5.7)	0.3	(15.9)	2.4	(5.6)	7.2	(3.0)	14.5	(2.3)	14.5	(2.3)	7.2	(3.0)	14.5	(2.3)	
South Australia	1.5	(4.3)	0.6	(7.0)	4.3	(5.4)	0.3	(16.9)	2.6	(5.6)	7.8	(3.0)	15.1	(2.1)	15.1	(2.1)	7.8	(3.0)	15.1	(2.1)	
Western Australia	1.7	(6.6)	0.8	(9.1)	5.0	(5.0)	0.4	(21.3)	2.7	(5.9)	8.1	(3.3)	16.2	(2.1)	16.2	(2.1)	8.1	(3.3)	16.2	(2.1)	
Tasmania	1.4	(5.8)	0.6	(6.5)	3.9	(5.0)	0.3	(15.0)	2.3	(5.4)	6.9	(2.9)	13.4	(2.0)	13.4	(2.0)	6.9	(2.9)	13.4	(2.0)	
Northern Territory	2.9	(10.9)	1.6	(17.2)	7.4	(7.7)	0.5	(21.0)	2.5	(8.6)	6.8	(5.7)	17.2	(3.7)	17.2	(3.7)	6.8	(5.7)	17.2	(3.7)	
Australian Capital Territory	0.9	(11.9)	0.5	(19.8)	3.2	(9.0)	0.5	(22.6)	4.4	(5.2)	8.8	(3.6)	16.9	(2.5)	16.9	(2.5)	8.8	(3.6)	16.9	(2.5)	
Australia	1.5	(2.7)	0.6	(4.0)	4.6	(2.3)	0.4	(6.5)	2.8	(2.3)	7.5	(1.3)	15.3	(0.9)	15.3	(0.9)	7.5	(1.3)	15.3	(0.9)	

(a) Includes business travel of non load carrying vehicles.

TABLE 7. AVERAGE ANNUAL KILOMETRES, BY AREA OF OPERATION : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

State of registration	Area of operation																	
	Capital city (a)			Provincial urban (b)			Other areas of State or Territory			Total within State of registration			Interstate			Australia		
	'000 kilometres	S.E. %	(S.E.)	'000 kilometres	S.E. %	(S.E.)	'000 kilometres	S.E. %	(S.E.)	'000 kilometres	S.E. %	(S.E.)	'000 kilometres	S.E. %	(S.E.)	'000 kilometres	S.E. %	(S.E.)
New South Wales	7.9	(3.1)	(2.2)	2.2	(6.6)	4.5	(4.0)	14.7	(1.8)	0.5	(8.9)	15.2	(1.8)	0.5	(8.9)	15.2	(1.8)	(1.8)
Victoria	9.2	(2.8)	1.4	(7.4)	4.4	(3.9)	15.0	(1.9)	0.8	(7.3)	15.8	(1.9)	0.8	(7.3)	15.8	(1.9)	(1.9)	(1.9)
Queensland	5.9	(4.1)	2.4	(6.7)	5.6	(4.7)	13.9	(2.3)	0.6	(10.2)	14.5	(2.3)	0.6	(10.2)	14.5	(2.3)	(2.3)	(2.3)
South Australia	9.0	(3.1)	..	..	..	5.2	(4.3)	14.3	(2.2)	0.9	(7.4)	15.1	(2.2)	0.9	(7.4)	15.1	(2.2)	(2.1)
Western Australia	9.6	(3.0)	..	..	..	6.2	(4.6)	15.9	(2.2)	0.3	(22.0)	16.2	(2.2)	0.3	(22.0)	16.2	(2.2)	(2.1)
Tasmania	4.4	(4.3)	2.0	(6.7)	6.8	(3.3)	13.2	(2.0)	0.2	(19.7)	13.4	(2.0)	0.2	(19.7)	13.4	(2.0)	(2.0)	(2.0)
Northern Territory	7.2	(6.4)	3.1	(8.2)	5.6	(8.3)	15.9	(3.8)	1.3	(14.9)	17.2	(3.8)	1.3	(14.9)	17.2	(3.8)	(3.7)	(3.7)
Australian Capital Territory	12.6	(2.8)	..	..	..	..	..	12.6	(2.8)	4.3	(5.2)	16.9	(2.8)	4.3	(5.2)	16.9	(2.8)	(2.5)
Australia	8.1	(1.5)	1.6	(3.9)	4.9	(1.9)	14.6	(0.9)	0.7	(3.9)	15.3	(0.9)	0.7	(3.9)	15.3	(0.9)	(0.9)	(0.9)

(a) Includes A.C.T. for A.C.T. vehicles. (b) Includes travel on the Stuart and Barkly highways for Northern Territory vehicles.

PART B

**Tables containing averages in this part
use the "narrow" average concept.
(See paragraphs 16 to 18 of Explanatory Notes)**

TABLE 8. TOTAL ANNUAL KILOMETRES, BY STATE OF OPERATION : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

State of registration	State of operation								
	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
	mil. kilo- metres	mil. kilo- metres	mil. kilo- metres	mil. kilo- metres	mil. kilo- metres	mil. kilo- metres	mil. kilo- metres	mil. kilo- metres	mil. kilo- metres
New South Wales	35,601.5 (1.2)	459.7 (12.0)	319.8 (12.3)	125.6 (22.7)	54.9 (47.5)	15.8 (41.0)	15.2 (43.3)	239.0 (21.7)	36,831.6 (1.8)
Victoria	884.1 (8.0)	28,447.9 (1.9)	222.9 (14.6)	259.7 (14.8)	67.8 (29.7)	(a)28.4 (73.8)	6.0 (35.7)	40.3 (44.8)	29,957.2 (1.9)
Queensland	548.5 (10.1)	76.2 (26.1)	16,657.4 (2.3)	42.6 (45.5)	(a)13.7 (56.0)	..	8.7 (38.2)	(a)17.0 (78.1)	17,364.1 (2.3)
South Australia	175.9 (9.8)	320.3 (9.9)	35.1 (20.8)	9,788.1 (2.2)	33.2 (22.1)	(a)0.9 (71.0)	20.0 (45.0)	(a)4.8 (61.0)	10,378.4 (2.1)
Western Australia	51.0 (34.9)	67.8 (36.9)	21.8 (49.9)	67.3 (20.9)	11,230.7 (2.2)	(a)2.2 (66.7)	9.4 (38.7)	(a)0.6 (53.8)	11,450.9 (2.1)
Tasmania	9.6 (23.0)	13.8 (25.2)	5.9 (29.5)	5.5 (31.9)	5.3 (42.5)	2,953.6 (2.0)	(a)1.0 (70.1)	(a)0.2 (60.2)	2,994.9 (2.0)
Northern Territory	8.0 (34.2)	5.2 (39.9)	17.6 (16.1)	12.0 (21.1)	11.8 (33.3)	..	656.4 (3.8)	(a)0.8 (75.0)	711.8 (3.7)
Australian Capital Territory	395.3 (5.5)	32.8 (13.3)	11.9 (18.6)	8.3 (26.0)	(a)2.0 (62.3)	..	(a)1.6 (79.7)	1,328.4 (2.8)	1,780.3 (2.5)
Australia	37,673.7 (1.7)	29,423.7 (1.9)	17,292.5 (2.3)	10,309.2 (2.2)	11,419.5 (2.1)	3,001.0 (2.1)	718.4 (3.9)	1,631.0 (4.1)	111,469.2 (0.9)

(a) Published for completeness, note high standard error.

TABLE 9. AVERAGE ANNUAL KILOMETRES, BY TYPE OF VEHICLE : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	State of registration								
	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
	'000 kilo- metres	'000 kilo- metres	'000 kilo- metres	'000 kilo- metres	'000 kilo- metres	'000 kilo- metres	'000 kilo- metres	'000 kilo- metres	'000 kilo- metres
Cars and station wagons	14.8 (2.1)	15.6 (2.3)	14.6 (2.7)	15.0 (2.6)	15.9 (2.6)	12.9 (2.4)	14.5 (4.5)	16.6 (2.8)	15.1 (1.1)
Motor cycles	6.5 (7.1)	6.8 (8.1)	5.4 (7.9)	6.7 (7.8)	6.8 (10.0)	6.5 (7.5)	6.6 (7.7)	7.5 (10.7)	6.3 (3.6)
Utilities and panel vans	16.9 (6.1)	16.8 (4.2)	16.3 (5.7)	16.4 (5.0)	18.7 (5.2)	14.6 (5.4)	21.6 (7.5)	20.5 (7.4)	17.0 (2.6)
Rigid trucks; tare weight less than 3 tonnes	16.1 (3.8)	15.5 (3.3)	14.0 (5.1)	12.9 (4.9)	17.4 (4.9)	13.0 (6.2)	18.1 (4.5)	16.4 (10.2)	15.6 (2.0)
3 and less than 4 tonnes	13.2 (3.7)	13.4 (4.3)	10.5 (5.5)	10.7 (4.3)	10.6 (7.3)	12.9 (3.8)	14.9 (6.5)	17.3 (7.9)	12.3 (2.1)
4 tonnes and over	23.9 (6.7)	23.0 (3.5)	16.6 (3.9)	17.4 (3.5)	17.9 (3.0)	19.6 (4.6)	25.2 (5.5)	29.0 (8.1)	20.6 (2.8)
Total rigid	18.0 (3.6)	17.2 (2.1)	14.4 (2.7)	14.0 (2.5)	16.5 (2.7)	15.3 (3.1)	21.0 (3.6)	20.3 (5.5)	16.7 (1.6)
Articulated trucks; tare weight less than 9 tonnes	42.5 (4.7)	28.1 (5.0)	20.3 (5.0)	18.6 (3.4)	32.2 (3.9)	41.2 (4.6)	32.8 (17.8)	48.8 (45.0)	34.1 (2.9)
9 and less than 11 tonnes	38.9 (3.7)	52.9 (3.1)	30.9 (3.7)	52.3 (2.8)	43.7 (4.1)	47.5 (5.1)	44.1 (13.2)	73.2 (9.1)	43.7 (1.6)
11 tonnes and over	80.2 (2.3)	91.3 (2.2)	67.0 (2.1)	95.5 (2.9)	68.5 (2.1)	71.5 (2.4)	99.5 (4.7)	103.9 (12.8)	81.6 (1.1)
Total articulated	59.0 (2.1)	61.4 (1.9)	47.7 (1.7)	77.8 (2.5)	51.8 (1.7)	57.5 (2.1)	74.6 (5.0)	87.6 (11.3)	59.3 (1.0)
Other truck type vehicles	15.9 (8.8)	10.6 (13.9)	12.4 (10.0)	14.5 (13.4)	12.3 (11.8)	8.7 (11.6)	12.2 (7.5)	15.9 (13.3)	12.9 (5.2)
All trucks	22.2 (2.4)	20.8 (1.7)	18.3 (1.9)	20.8 (2.0)	18.7 (2.1)	18.4 (2.4)	32.9 (3.4)	25.5 (5.3)	20.7 (1.1)
Total	15.2 (1.8)	15.8 (1.9)	14.5 (2.3)	15.1 (2.1)	16.2 (2.1)	13.4 (2.0)	17.2 (3.7)	16.9 (2.5)	15.3 (0.9)

TABLE 10. TOTAL AND AVERAGE ANNUAL KILOMETRES, BY AREA OF OPERATION : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

State of registration	Area of operation																		
	Capital city (a)			Provincial urban (b)			Other areas of State or Territory			Total within State of registration			Interstate			Australia			
	mil. kilometres	S.E. %		mil. kilometres	S.E. %		mil. kilometres	S.E. %		mil. kilometres	S.E. %		mil. kilometres	S.E. %		mil. kilometres	S.E. %		
TOTAL ANNUAL KILOMETRES																			
New South Wales	19,206.1	(3.1)	5,444.2	(6.6)	10,950.8	(4.0)	35,601.5	(1.8)	1,230.0	(8.9)	36,831.5	(1.8)	1,230.0	(8.9)	36,831.5	(1.8)	1,230.0	(8.9)	36,831.5
Victoria	17,375.2	(2.8)	2,713.1	(7.4)	8,359.2	(3.9)	28,447.9	(1.9)	1,509.3	(7.3)	29,957.2	(1.9)	1,509.3	(7.3)	29,957.2	(1.9)	1,509.3	(7.3)	29,957.2
Queensland	7,068.1	(4.1)	2,825.4	(6.7)	6,763.8	(4.7)	16,657.4	(2.3)	706.6	(10.2)	17,364.1	(2.3)	706.6	(10.2)	17,364.1	(2.3)	706.6	(10.2)	17,364.1
South Australia	6,207.7	(3.1)	..	3,580.3	(4.3)	9,788.1	(7.4)	590.2	(2.2)	10,378.4	(2.1)	590.2	(2.2)	10,378.4	(2.1)	590.2	(2.2)	10,378.4	
Western Australia	6,820.3	(3.0)	..	4,410.3	(4.6)	11,230.7	(2.2)	220.2	(2.0)	11,450.9	(2.1)	220.2	(2.0)	11,450.9	(2.1)	220.2	(2.0)	11,450.9	
Tasmania	979.1	(4.3)	450.3	(6.7)	1,524.2	(3.3)	2,953.6	(2.0)	41.3	(19.7)	2,994.9	(2.0)	41.3	(19.7)	2,994.9	(2.0)	41.3	(19.7)	2,994.9
Northern Territory	298.0	(6.4)	128.8	(8.2)	229.6	(8.3)	656.4	(3.8)	55.4	(14.9)	711.8	(3.7)	55.4	(14.9)	711.8	(3.7)	55.4	(14.9)	711.8
Australian Capital Territory	1,328.4	(2.8)	..	..	..	..	1,328.4	(2.8)	451.9	(5.2)	1,780.3	(2.5)	451.9	(5.2)	1,780.3	(2.5)	451.9	(5.2)	1,780.3
Australia	59,282.9	(1.5)	11,561.8	(3.9)	35,818.2	(1.9)	106,664.0	(0.9)	4,804.9	(3.9)	11,469.2	(0.9)	4,804.9	(3.9)	11,469.2	(0.9)	4,804.9	(3.9)	11,469.2
AVERAGE ANNUAL KILOMETRES																			
New South Wales	11.1	(2.7)	6.2	(5.9)	8.5	(3.4)	14.7	(1.8)	3.3	(7.5)	15.2	(1.8)	3.3	(7.5)	15.2	(1.8)	3.3	(7.5)	15.2
Victoria	11.2	(2.6)	4.4	(6.5)	7.3	(3.5)	15.0	(1.9)	3.9	(6.1)	15.8	(1.9)	3.9	(6.1)	15.8	(1.9)	3.9	(6.1)	15.8
Queensland	9.4	(3.5)	5.2	(6.0)	9.0	(4.2)	13.9	(2.3)	3.9	(8.3)	14.5	(2.3)	3.9	(8.3)	14.5	(2.3)	3.9	(8.3)	14.5
South Australia	10.6	(2.9)	..	..	7.9	(3.9)	14.3	(2.2)	5.1	(6.2)	15.1	(2.1)	5.1	(6.2)	15.1	(2.1)	5.1	(6.2)	15.1
Western Australia	11.7	(2.7)	..	..	10.6	(4.0)	15.9	(2.1)	11.1	(14.8)	16.2	(2.1)	11.1	(14.8)	16.2	(2.1)	11.1	(14.8)	16.2
Tasmania	7.6	(3.7)	4.4	(6.0)	8.7	(3.0)	13.2	(2.0)	4.3	(15.6)	13.4	(2.0)	4.3	(15.6)	13.4	(2.0)	4.3	(15.6)	13.4
Northern Territory	11.1	(5.5)	6.5	(7.3)	9.9	(7.7)	15.9	(3.8)	9.4	(11.4)	17.2	(3.7)	9.4	(11.4)	17.2	(3.7)	9.4	(11.4)	17.2
Australian Capital Territory	12.7	(2.7)	..	..	..	..	12.7	(2.7)	5.9	(4.6)	16.9	(2.5)	5.9	(4.6)	16.9	(2.5)	5.9	(4.6)	16.9
Australia	10.9	(1.3)	5.3	(3.5)	8.4	(1.7)	14.7	(0.9)	4.1	(3.3)	15.3	(0.9)	4.1	(3.3)	15.3	(0.9)	4.1	(3.3)	15.3

(a) Includes A.C.T. for A.C.T. vehicles. (b) Includes travel on the Stuart and Barkly highways for Northern Territory vehicles.

TABLE 11. TOTAL AND AVERAGE ANNUAL KILOMETRES, BY TYPE OF VEHICLE AND AREA OF OPERATION : AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	Area of operation														
	Capital city (a)			Provincial urban (b)			Other areas of State or Territory			Total within State of registration			Australia		
	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	
TOTAL ANNUAL KILOMETRES															
Cars and station wagons	47,496.2	(1.7)	8,929.6	(4.5)	25,056.6	(2.5)	81,483.3	(1.1)	3,387.9	(4.9)	84,871.5	(1.1)			
Motor cycles	804.5	(5.6)	213.2	(11.3)	644.7	(5.7)	1,662.4	(3.6)	105.7	(13.8)	1,768.2	(3.6)			
Utilities and panel vans	7,496.0	(4.6)	1,719.7	(12.7)	6,202.0	(4.3)	15,417.8	(2.6)	510.2	(15.3)	15,928.0	(2.6)			
Rigid trucks; tare weight less than 3 tonnes	1,246.6	(3.8)	181.9	(8.4)	996.7	(3.4)	2,425.1	(2.3)	46.6	(14.0)	2,471.7	(2.3)			
3 and less than 4 tonnes	438.6	(3.6)	65.2	(9.2)	354.8	(3.1)	858.6	(2.3)	17.0	(14.6)	875.5	(2.3)			
4 tonnes and over	1,059.6	(9.4)	205.1	(6.8)	1,137.4	(2.6)	2,402.1	(4.3)	87.8	(11.5)	2,490.0	(4.2)			
<i>Total rigid</i>	2,744.8	(4.1)	452.2	(4.8)	2,488.8	(1.9)	5,685.8	(2.1)	151.4	(8.1)	5,837.2	(2.0)			
Articulated trucks; tare weight less than 9 tonnes	136.5	(4.3)	45.7	(10.2)	255.5	(3.5)	437.7	(3.2)	52.3	(10.7)	490.0	(3.4)			
9 and less than 11 tonnes	83.4	(3.2)	24.2	(7.5)	185.8	(2.8)	293.4	(2.1)	47.2	(5.6)	340.6	(2.1)			
11 tonnes and over	295.8	(3.1)	139.5	(4.2)	842.9	(1.8)	1,278.2	(1.4)	498.7	(2.8)	1,776.8	(1.4)			
<i>Total articulated</i>	515.6	(2.1)	209.4	(3.6)	1,284.2	(1.3)	2,009.3	(1.1)	598.2	(2.5)	2,607.4	(1.0)			
Other truck type vehicles	225.8	(7.9)	37.6	(16.9)	141.9	(7.3)	405.4	(5.2)	51.6	(21.0)	456.9	(5.4)			
<i>All trucks</i>	3,486.2	(3.2)	699.3	(3.4)	3,920.0	(1.3)	8,100.5	(1.5)	801.1	(2.8)	8,901.6	(1.4)			
Total	59,282.9	(1.5)	11,561.8	(3.9)	35,818.2	(1.9)	106,664.0	(0.9)	4,804.9	(3.9)	111,469.2	(0.9)			
AVERAGE ANNUAL KILOMETRES															
Cars and station wagons	10.5	(1.5)	4.9	(4.0)	7.7	(2.2)	14.5	(1.1)	3.4	(4.1)	15.1	(1.2)			
Motor cycles	5.6	(4.9)	4.0	(9.2)	4.0	(5.1)	6.0	(3.6)	4.1	(11.0)	6.3	(3.6)			
Utilities and panel vans	13.1	(3.7)	7.8	(10.9)	10.7	(3.6)	16.4	(2.6)	4.7	(12.7)	17.0	(2.6)			
Rigid trucks; tare weight less than 3 tonnes	15.5	(3.0)	8.2	(6.4)	10.6	(2.8)	15.3	(2.0)	5.2	(11.5)	15.6	(2.0)			
3 and less than 4 tonnes	14.6	(3.0)	7.7	(8.1)	7.7	(2.8)	12.1	(2.1)	6.1	(12.7)	12.3	(2.1)			
4 tonnes and over	18.0	(6.2)	12.2	(5.7)	15.0	(2.3)	19.9	(2.9)	13.4	(10.1)	20.6	(2.8)			
<i>Total rigid</i>	16.2	(2.9)	9.6	(3.9)	11.5	(1.6)	16.2	(1.6)	8.3	(7.3)	16.7	(1.6)			
Articulated trucks; tare weight less than 9 tonnes	19.3	(3.3)	14.5	(8.3)	25.5	(2.9)	30.5	(2.7)	27.5	(8.4)	34.1	(2.9)			
9 and less than 11 tonnes	18.6	(2.6)	14.4	(5.9)	32.5	(2.2)	37.8	(1.7)	29.6	(4.6)	43.7	(1.6)			
11 tonnes and over	20.1	(2.7)	21.0	(3.6)	48.2	(1.4)	59.2	(1.1)	57.1	(2.2)	81.6	(1.1)			
<i>Total articulated</i>	19.6	(1.8)	18.2	(3.1)	38.7	(1.2)	46.0	(1.0)	48.9	(2.0)	59.3	(1.0)			
Other truck type vehicles	9.6	(7.2)	4.3	(15.0)	5.8	(6.6)	11.4	(5.0)	6.8	(19.9)	12.9	(5.2)			
<i>All trucks</i>	15.9	(2.4)	10.4	(2.9)	14.3	(1.1)	18.9	(1.2)	21.0	(3.2)	20.7	(1.1)			
Total	10.9	(1.3)	5.3	(3.5)	8.4	(1.7)	14.7	(0.9)	4.1	(3.3)	15.3	(0.9)			

(a) Includes A.C.T. for A.C.T. vehicles. (b) Includes travel on the Stuart and Barkly highways for Northern Territory vehicles.

TABLE 12. TOTAL AND AVERAGE ANNUAL KILOMETRES, BY PURPOSE : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

State of registration	Purpose																				
	Laden business			Unladen business			Total business (a)			Paid to and from work			Unpaid to and from work			Private			Total		
	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	
	TOTAL ANNUAL KILOMETRES																				
New South Wales	3,570.1	(5.9)	1,637.3	(9.3)	12,148.5	(4.6)	962.5	(11.8)	6,737.8	(4.3)	16,982.5	(2.7)	36,831.5	(1.8)							
Victoria	2,697.6	(3.9)	1,127.2	(5.0)	8,087.8	(4.5)	812.0	(13.0)	5,726.0	(4.8)	15,320.9	(2.8)	29,957.2	(1.9)							
Queensland	1,929.1	(8.2)	679.0	(9.0)	5,532.9	(5.7)	387.8	(15.9)	2,846.6	(5.6)	8,596.6	(3.0)	17,364.1	(2.3)							
South Australia	1,018.6	(4.3)	392.0	(7.0)	2,968.8	(5.4)	224.0	(16.9)	1,808.1	(5.6)	5,377.5	(3.0)	10,378.4	(2.1)							
Western Australia	1,171.1	(6.6)	579.1	(9.1)	3,509.9	(5.0)	308.7	(21.3)	1,936.3	(5.9)	5,695.9	(3.3)	11,450.9	(2.1)							
Tasmania	322.3	(5.8)	131.8	(6.5)	871.5	(5.0)	64.7	(15.0)	514.4	(5.4)	1,541.0	(2.9)	2,994.9	(2.0)							
Northern Territory	119.3	(10.9)	66.6	(17.2)	307.0	(7.7)	20.9	(21.0)	102.0	(8.6)	281.9	(5.7)	711.8	(3.7)							
Australian Capital Territory	94.8	(11.9)	51.0	(19.8)	340.6	(9.0)	49.7	(22.6)	460.4	(5.2)	929.6	(3.6)	1,780.3	(2.5)							
Australia	10,922.9	(2.7)	4,663.9	(4.0)	33,766.9	(2.3)	2,830.3	(6.5)	20,131.5	(2.3)	54,725.9	(1.3)	111,469.2	(0.9)							
	AVERAGE ANNUAL KILOMETRES																				
New South Wales	14.0	(4.2)	8.0	(7.3)	16.0	(3.6)	4.8	(8.6)	5.9	(3.5)	8.5	(2.5)	15.2	(1.8)							
Victoria	13.2	(3.3)	7.1	(3.8)	13.9	(3.6)	5.1	(10.0)	6.6	(4.0)	9.6	(2.7)	15.8	(1.9)							
Queensland	13.4	(6.7)	6.7	(6.9)	14.9	(4.6)	5.3	(11.6)	5.2	(4.7)	8.7	(2.8)	14.5	(2.3)							
South Australia	13.2	(3.5)	6.4	(5.8)	12.8	(4.6)	4.4	(13.6)	5.8	(4.6)	9.4	(2.8)	15.1	(2.1)							
Western Australia	12.4	(4.8)	7.7	(7.0)	14.3	(3.7)	6.4	(18.4)	6.4	(4.8)	9.9	(3.1)	16.2	(2.1)							
Tasmania	12.2	(4.5)	6.5	(5.3)	12.5	(4.1)	3.8	(11.7)	4.9	(4.5)	8.2	(2.7)	13.4	(2.0)							
Northern Territory	19.0	(8.0)	12.2	(15.2)	18.3	(6.5)	4.8	(15.9)	5.1	(7.2)	9.0	(5.2)	17.2	(3.7)							
Australian Capital Territory	16.0	(8.6)	10.5	(16.2)	12.4	(7.4)	6.2	(17.2)	6.4	(4.4)	10.0	(3.4)	16.9	(2.5)							
Australia	13.4	(2.1)	7.4	(3.1)	14.7	(1.8)	5.0	(5.0)	6.0	(1.9)	9.1	(1.2)	15.3	(0.9)							

(a) Includes business travel of non load carrying vehicles.

TABLE 13. TOTAL AND AVERAGE ANNUAL KILOMETRES, BY TYPE OF VEHICLE AND PURPOSE : AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	Purpose						Total							
	Laden business	Unladen business	Total business (a)	Paid to and from work	Unpaid to and from work	Private								
	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %		
TOTAL KILOMETRES														
Cars and station wagons	..	..	..	..	17,027.2	(3.9)	2,358.0	(7.4)	17,088.9	(2.5)	48,383.1	(1.4)	84,871.5	(1.1)
Motor cycles	..	..	..	..	168.9	(10.4)	52.5	(15.7)	606.6	(5.5)	940.1	(5.0)	1,768.2	(3.6)
Utilities and panel vans	5,315.1	(5.5)	2,232.2	(8.1)	8,298.3	(4.7)	376.3	(15.8)	2,219.8	(7.5)	5,033.3	(5.2)	15,928.0	(2.6)
Rigid trucks; tare weight less than 3 tonnes	1,623.0	(2.7)	580.2	(3.2)	2,203.2	(2.4)	27.1	(13.6)	95.2	(8.5)	146.2	(7.3)	2,471.7	(2.3)
3 and less than 4 tonnes	603.6	(2.5)	247.0	(2.8)	850.6	(2.3)	2.4	(19.2)	10.4	(11.2)	12.2	(16.2)	875.5	(2.3)
4 tonnes and over	1,575.2	(2.8)	831.0	(4.3)	2,406.2	(3.1)	7.0	(14.7)	(b)62.4	(52.2)	14.3	(14.8)	2,490.0	(4.2)
Total rigid	3,801.8	(1.7)	1,658.2	(2.4)	5,460.1	(1.7)	36.4	(10.6)	167.9	(20.0)	172.7	(6.4)	5,837.2	(2.0)
Articulated trucks; tare weight less than 9 tonnes	310.0	(3.5)	172.7	(4.1)	482.7	(3.4)	(b)1.2	(51.1)	5.0	(15.5)	1.1	(15.0)	490.0	(3.4)
9 and less than 11 tonnes	224.1	(2.4)	112.2	(2.3)	336.3	(2.1)	0.4	(30.9)	3.0	(10.5)	0.8	(21.0)	340.6	(2.1)
11 tonnes and over	1,272.0	(1.5)	488.5	(1.8)	1,761.4	(1.4)	1.8	(19.9)	11.5	(9.8)	2.1	(18.9)	1,776.8	(1.4)
Total articulated	1,806.1	(1.2)	773.5	(1.4)	2,580.4	(1.0)	3.6	(21.0)	19.5	(7.2)	4.0	(11.6)	2,607.4	(1.0)
Other truck type vehicles	..	..	..	..	232.0	(8.7)	3.5	(35.4)	28.7	(13.2)	192.7	(8.6)	456.9	(5.4)
All trucks	5,607.9	(1.2)	2,431.7	(1.7)	8,272.5	(1.2)	43.5	(9.5)	216.2	(15.6)	369.4	(5.4)	8,901.6	(1.4)
Total	10,922.9	(2.7)	4,663.9	(4.0)	33,766.9	(2.3)	2,830.3	(6.5)	20,131.5	(2.3)	54,725.9	(1.3)	111,469.2	(0.9)
AVERAGE KILOMETRES														
Type of vehicle	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %
Cars and station wagons	..	..	..	..	12.9	(3.1)	5.1	(5.7)	6.1	(2.0)	9.3	(1.3)	15.1	(1.1)
Motor cycles	..	..	..	..	3.5	(8.2)	3.0	(11.5)	3.6	(5.0)	4.2	(4.8)	6.3	(3.6)
Utilities and panel vans	12.2	(4.1)	7.3	(6.4)	15.4	(3.6)	5.5	(10.4)	6.5	(6.2)	8.9	(4.5)	17.0	(2.6)
Rigid trucks; tare weight less than 3 tonnes	11.2	(2.4)	5.0	(2.7)	15.0	(2.1)	4.2	(8.7)	4.8	(6.4)	4.5	(6.1)	15.6	(2.0)
3 and less than 4 tonnes	8.6	(2.4)	4.1	(2.5)	12.1	(2.1)	2.6	(17.0)	2.5	(9.5)	2.3	(15.1)	12.3	(2.1)
4 tonnes and over	13.2	(1.9)	7.7	(2.8)	20.1	(1.9)	3.1	(11.4)	5.9	(34.9)	2.4	(13.2)	20.6	(2.8)
Total rigid	11.4	(1.4)	5.8	(1.9)	16.2	(1.3)	3.8	(7.1)	4.8	(14.6)	3.9	(5.4)	16.7	(1.6)
Articulated trucks; tare weight less than 9 tonnes	21.9	(3.0)	13.0	(3.6)	33.8	(2.9)	6.8	(47.4)	5.1	(16.2)	2.2	(23.0)	34.1	(2.9)
9 and less than 11 tonnes	28.9	(2.0)	15.7	(1.9)	43.3	(1.7)	6.4	(27.4)	6.6	(8.4)	3.7	(18.3)	43.7	(1.6)
11 tonnes and over	58.5	(1.4)	25.3	(1.5)	81.0	(1.1)	8.2	(14.2)	8.9	(8.1)	4.3	(13.9)	81.6	(1.1)
Total articulated	41.4	(1.2)	19.5	(1.3)	58.9	(1.0)	7.4	(18.5)	7.1	(7.0)	3.3	(12.2)	59.3	(1.0)
Other truck type vehicles	..	..	..	..	11.6	(7.7)	3.2	(27.7)	4.0	(9.9)	10.2	(7.6)	12.9	(5.2)
All trucks	14.8	(1.0)	7.5	(1.3)	20.7	(0.9)	3.9	(6.5)	4.8	(11.4)	5.8	(4.8)	20.7	(1.1)
Total	13.4	(2.1)	7.4	(3.1)	14.7	(1.8)	5.0	(5.0)	6.0	(1.9)	9.1	(1.2)	15.3	(0.9)

(a) Includes business travel of non load carrying vehicles. (b) Published for completeness, note high standard error.

TABLE 14. TOTAL AND AVERAGE ANNUAL BUSINESS KILOMETRES, BY TYPE OF VEHICLE : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

State of registration

Type of vehicle	N.S.W.			Vic.			Qld			S.A.			W.A.			Tas.			N.T.			A.C.T.			Aust.		
	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %	mil. kilo-metres	S.E. %			
TOTAL BUSINESS KILOMETRES																											
Cars and station wagons	6,373.4	(7.2)	4,131.0	(8.4)	2,792.5	(9.4)	1,426.8	(10.6)	1,654.5	(8.7)	396.7	(9.5)	74.6	(15.5)	177.8	(14.5)	17,027.2	(3.9)									
Motor cycles	52.4	(23.0)	35.7	(23.5)	33.8	(21.3)	23.6	(20.5)	18.6	(22.1)	3.1	(19.2)	1.5	(21.4)	(a)0.1	(62.9)	168.9	(10.4)									
Utilities and panel vans	2,719.8	(11.2)	1,801.2	(6.8)	1,679.1	(10.5)	672.6	(8.1)	937.5	(10.3)	223.8	(9.4)	162.0	(12.8)	102.3	(16.1)	8,298.3	(4.7)									
Rigid trucks; tare weight less than 3 tonnes	908.3	(4.6)	603.1	(4.3)	160.8	(5.7)	168.0	(5.7)	286.0	(6.3)	54.9	(7.4)	7.6	(6.3)	14.6	(14.2)	2,203.2	(2.4)									
3 and less than 4 tonnes	274.4	(3.8)	265.8	(4.8)	121.9	(6.2)	78.2	(4.6)	74.6	(8.3)	24.6	(4.8)	3.9	(15.2)	7.2	(12.2)	850.6	(2.3)									
4 tonnes and over	829.6	(8.4)	561.6	(3.6)	382.0	(4.0)	207.5	(3.7)	315.4	(3.2)	75.4	(4.7)	17.8	(6.2)	17.0	(9.6)	2,406.2	(3.1)									
<i>Total rigid</i>	2,012.3	(4.0)	1,430.5	(2.4)	664.7	(2.8)	453.6	(2.8)	676.0	(3.1)	154.9	(3.5)	29.3	(4.3)	38.7	(6.5)	5,460.1	(1.7)									
Articulated trucks; tare weight less than 9 tonnes	268.5	(5.6)	99.7	(5.9)	35.5	(5.8)	11.3	(5.3)	42.3	(4.6)	18.9	(5.7)	4.5	(20.2)	(a)2.1	(57.9)	482.7	(3.4)									
9 and less than 11 tonnes	85.7	(4.5)	117.9	(4.0)	46.0	(4.6)	40.4	(5.5)	29.1	(5.5)	11.3	(7.0)	2.7	(18.6)	3.1	(33.7)	336.3	(2.1)									
11 tonnes and over	560.2	(3.2)	422.4	(2.5)	254.8	(2.3)	299.8	(3.0)	128.5	(3.3)	50.3	(3.5)	30.5	(6.5)	14.8	(18.3)	1,761.4	(1.4)									
<i>Total articulated</i>	914.5	(2.2)	640.0	(2.0)	336.3	(1.8)	351.5	(2.6)	199.9	(2.2)	80.5	(2.2)	37.7	(5.3)	20.1	(14.0)	2,580.4	(1.0)									
Other truck type vehicles	76.1	(17.4)	49.5	(15.1)	26.5	(15.5)	40.6	(24.8)	23.4	(30.5)	12.4	(15.5)	1.9	(26.9)	1.6	(43.5)	232.0	(8.7)									
<i>All trucks</i>	3,002.9	(2.8)	2,120.0	(1.8)	1,027.4	(1.9)	845.7	(2.2)	899.4	(2.5)	247.8	(2.4)	68.9	(3.4)	60.4	(6.0)	8,272.5	(1.2)									
Total	12,148.5	(4.6)	8,087.8	(4.5)	5,532.9	(5.7)	2,968.8	(5.4)	3,509.9	(5.0)	871.5	(5.0)	307.0	(7.7)	340.6	(9.0)	33,766.9	(2.3)									
AVERAGE BUSINESS KILOMETRES																											
Type of vehicle	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %	'000 kilo-metres	S.E. %			
Cars and station wagons	14.2	(5.6)	11.8	(6.5)	14.5	(7.4)	10.6	(8.8)	12.9	(6.4)	10.4	(7.7)	10.0	(12.6)	9.3	(11.4)	12.9	(3.1)									
Motor cycles	3.9	(17.4)	3.1	(20.7)	3.2	(15.7)	3.9	(17.7)	3.7	(17.3)	3.4	(14.2)	3.9	(15.1)	1.1	(45.7)	3.5	(8.2)									
Utilities and panel vans	16.9	(8.3)	15.1	(5.2)	14.8	(8.6)	13.5	(6.7)	14.5	(7.8)	12.8	(7.3)	23.4	(10.0)	17.0	(13.0)	15.4	(3.6)									
Rigid trucks; tare weight less than 3 tonnes	15.4	(4.0)	15.1	(3.5)	14.0	(5.3)	12.5	(5.1)	17.1	(5.1)	12.3	(6.9)	17.1	(4.8)	15.5	(11.3)	15.0	(2.1)									
3 and less than 4 tonnes	13.0	(3.7)	13.1	(4.4)	10.4	(5.6)	10.5	(4.2)	10.5	(7.3)	13.1	(3.8)	14.9	(6.5)	17.8	(8.0)	12.1	(2.1)									
4 tonnes and over	22.7	(4.2)	22.6	(3.5)	16.4	(3.9)	17.1	(3.6)	17.7	(3.1)	19.3	(4.6)	24.9	(5.6)	29.0	(8.1)	20.1	(1.9)									
<i>Total rigid</i>	17.3	(2.8)	16.8	(2.2)	14.3	(2.8)	13.7	(2.6)	16.2	(2.7)	15.1	(3.3)	20.6	(3.8)	20.1	(5.8)	16.2	(1.3)									
Articulated trucks; tare weight less than 9 tonnes	42.1	(4.7)	27.7	(5.1)	20.4	(5.0)	18.7	(3.4)	32.0	(3.9)	40.6	(4.6)	32.3	(18.1)	48.1	(45.5)	33.8	(2.9)									
9 and less than 11 tonnes	38.4	(3.7)	52.4	(3.1)	30.9	(3.7)	51.7	(2.8)	43.0	(4.2)	47.4	(4.9)	44.0	(13.3)	72.2	(9.2)	43.3	(1.7)									
11 tonnes and over	79.4	(2.4)	90.8	(2.3)	66.9	(2.1)	95.0	(2.9)	67.6	(2.1)	70.2	(2.4)	98.3	(4.9)	103.4	(13.0)	81.0	(1.1)									
<i>Total articulated</i>	58.4	(2.1)	60.9	(2.0)	47.8	(1.7)	77.4	(2.5)	51.3	(1.7)	56.7	(2.1)	74.0	(5.0)	87.0	(11.4)	58.9	(1.0)									
Other truck type vehicles	17.4	(14.0)	7.2	(13.6)	13.0	(12.9)	14.3	(22.7)	10.3	(28.4)	9.6	(12.7)	12.6	(7.3)	14.9	(43.3)	11.6	(7.7)									
<i>All trucks</i>	22.0	(1.9)	20.7	(1.6)	18.5	(1.9)	20.9	(2.1)	18.8	(2.2)	19.1	(2.6)	33.1	(3.5)	26.6	(5.9)	20.7	(0.9)									
Total	16.0	(3.6)	13.9	(3.6)	14.9	(4.6)	12.8	(4.6)	14.3	(3.7)	12.5	(4.1)	18.3	(6.5)	12.4	(7.4)	14.7	(1.8)									

(a) Published for completeness, note high standard error.

TABLE 15. TOTAL ANNUAL LADEN BUSINESS KILOMETRES, BY TYPE OF VEHICLE AND VEHICLE USAGE : AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	Vehicle usage													
	Carrying for hire and reward				Used in own business				Not stated				Total	
	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %	mil. kilometres	S.E. %
Utilities and panel vans	201.0	(23.5)	5,113.8	(5.7)	(a)0.4	(98.6)	5,315.1	(5.5)						
Rigid trucks; tare weight less than 3 tonnes	283.5	(8.3)	1,339.5	(3.0)	-	..	1,623.0	(2.7)						
3 and less than 4 tonnes	171.1	(6.5)	432.5	(2.6)	-	..	603.6	(2.5)						
4 tonnes and over	783.3	(5.3)	791.9	(2.4)	-	..	1,575.2	(2.8)						
Total rigid	1,237.9	(4.0)	2,563.9	(1.8)	-	..	3,801.8	(1.7)						
Articulated trucks; tare weight less than 9 tonnes	216.9	(4.7)	93.1	(3.8)	-	..	310.0	(3.5)						
9 and less than 11 tonnes	171.8	(3.0)	52.3	(3.8)	-	..	224.1	(2.4)						
11 tonnes and over	1,095.2	(1.8)	176.8	(4.1)	-	..	1,272.0	(1.5)						
Total articulated	1,484.0	(1.5)	322.1	(2.5)	-	..	1,806.1	(1.2)						
Other truck type vehicles	..	..	..	..	..	..	..	..
All trucks	2,721.9	(2.0)	2,886.0	(1.6)	-	..	5,607.9	(1.2)						
Total	2,922.9	(2.4)	7,999.8	(3.7)	(a)0.4	(98.6)	10,923.1	(2.7)						

(a) Published for completeness, note high standard error.

TABLE 16. TOTAL AND AVERAGE ANNUAL TONNE-KILOMETRES, BY TYPE OF VEHICLE : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	State of registration																	
	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.									
	mil. tonne -kms	S.E. %	mil. tonne -kms	S.E. %	mil. tonne -kms	S.E. %	mil. tonne -kms	S.E. %	mil. tonne -kms	S.E. %	mil. tonne -kms	S.E. %	mil. tonne -kms	S.E. %				
TOTAL ANNUAL TONNE-KILOMETRES																		
Utilities and panel vans	613.4	(15.7)	438.5	(11.4)	647.5	(20.6)	147.8	(11.7)	261.4	(16.0)	59.4	(15.0)	32.3	(18.3)	26.5	(28.0)	2,226.8	(8.0)
Rigid trucks; tare weight	746.9	(6.3)	502.5	(6.0)	185.3	(7.1)	139.1	(8.1)	192.8	(9.1)	48.7	(10.5)	8.4	(8.7)	11.9	(15.9)	1,835.5	(3.3)
less than 3 tonnes	566.1	(4.5)	523.4	(4.9)	238.6	(9.0)	179.0	(5.1)	187.0	(7.5)	63.2	(6.0)	10.7	(25.5)	13.2	(17.5)	1,781.1	(2.6)
3 and less than 4 tonnes	3,251.4	(5.4)	2,475.3	(5.9)	1,535.3	(6.7)	1,000.4	(5.7)	1,585.8	(4.6)	340.5	(5.1)	147.7	(14.4)	58.9	(14.9)	10,395.4	(2.6)
4 tonnes and over	4,564.4	(4.0)	3,501.2	(4.3)	1,959.2	(5.4)	1,318.6	(4.4)	1,965.6	(3.8)	452.4	(4.1)	166.7	(12.8)	83.9	(10.9)	14,012.0	(2.0)
Total rigid	2,853.9	(3.0)	662.5	(7.4)	314.3	(9.1)	81.2	(7.6)	355.1	(5.8)	197.0	(7.4)	45.9	(33.0)	(a)7.2	(55.5)	4,517.1	(2.4)
Articulated trucks; tare weight	855.0	(1.6)	1,156.5	(2.9)	407.9	(5.7)	412.7	(3.1)	270.9	(3.9)	112.0	(7.9)	36.7	(26.5)	35.4	(35.2)	3,287.2	(7.5)
less than 11 tonnes	7,569.4	(2.2)	5,723.2	(2.8)	3,260.9	(2.5)	4,292.9	(2.5)	1,798.9	(0.7)	586.6	(1.3)	664.7	(4.8)	187.2	(20.8)	24,083.8	(1.2)
11 tonnes and over	11,278.3	(1.9)	7,542.3	(2.4)	3,983.1	(2.0)	4,786.8	(3.2)	2,424.9	(1.0)	895.6	(2.5)	747.3	(6.3)	229.9	(16.6)	31,888.2	(1.1)
Total articulated	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other truck type vehicles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All trucks	15,842.7	(0.8)	11,043.5	(0.9)	5,942.3	(1.1)	6,105.4	(2.3)	4,390.5	(1.6)	1,348.0	(1.1)	914.0	(4.7)	313.8	(12.3)	45,900.2	(0.5)
Total	16,456.1	(0.5)	11,482.1	(0.8)	6,589.8	(2.3)	6,253.2	(2.3)	4,652.0	(1.8)	1,407.3	(0.8)	946.3	(4.5)	340.2	(11.6)	48,127.0	(0.5)
AVERAGE ANNUAL TONNE-KILOMETRES																		
Utilities and panel vans	4.8	(13.1)	4.0	(10.6)	7.2	(19.2)	3.6	(10.3)	5.3	(13.2)	4.0	(13.5)	6.7	(15.2)	6.7	(24.5)	5.1	(7.2)
Rigid trucks; tare weight	12.8	(5.9)	12.6	(5.4)	16.1	(6.8)	10.4	(7.7)	11.6	(8.3)	11.0	(10.0)	18.8	(7.6)	12.4	(13.6)	12.6	(3.1)
less than 3 tonnes	26.9	(4.5)	25.8	(4.6)	20.6	(8.6)	24.3	(4.9)	26.4	(7.0)	34.0	(5.6)	40.7	(19.1)	32.4	(16.9)	25.5	(2.5)
3 and less than 4 tonnes	88.9	(5.7)	99.5	(5.9)	66.3	(6.7)	82.7	(5.7)	89.3	(4.5)	88.0	(6.2)	218.2	(14.2)	100.4	(15.1)	86.9	(2.6)
4 tonnes and over	39.3	(3.8)	41.2	(4.3)	42.4	(5.4)	40.1	(4.5)	47.4	(3.9)	44.5	(4.3)	120.3	(12.8)	43.1	(11.0)	41.8	(1.9)
Total rigid	449.4	(2.2)	185.9	(7.3)	181.5	(8.5)	135.1	(5.7)	272.7	(5.1)	424.5	(6.5)	338.9	(31.8)	164.1	(44.0)	318.3	(1.9)
Articulated trucks; tare weight	383.7	(2.0)	515.3	(1.3)	274.6	(4.9)	531.8	(0.3)	401.4	(1.5)	471.2	(5.9)	603.7	(23.5)	816.2	(12.9)	424.1	(1.0)
less than 11 tonnes	1,072.3	(1.0)	1,232.5	(2.6)	855.5	(2.3)	1,362.6	(3.4)	949.8	(1.3)	817.8	(1.8)	2,139.4	(2.5)	1,307.5	(16.7)	1,108.3	(1.0)
11 tonnes and over	721.2	(2.0)	721.6	(2.5)	566.6	(2.0)	1,057.2	(3.2)	626.4	(0.4)	631.2	(2.5)	1,474.0	(6.2)	997.3	(15.4)	730.1	(1.1)
Total articulated	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other truck type vehicles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All trucks	120.2	(1.4)	115.8	(1.3)	111.5	(1.2)	163.2	(2.5)	96.9	(2.0)	116.4	(2.6)	484.4	(4.9)	144.1	(12.7)	121.2	(1.0)
Total	63.3	(4.2)	56.3	(2.6)	45.8	(4.5)	80.1	(3.9)	49.4	(4.5)	53.1	(3.9)	142.0	(8.4)	55.5	(14.2)	58.7	(1.8)

(a) Published for completeness, note high standard error.

TABLE 17. TOTAL ANNUAL TONNE-KILOMETRES BY TYPE OF VEHICLE AND AREA OF OPERATION : AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	Area of operation																	
	Capital city (a)			Provincial urban (b)			Other areas of State or Territory			Total within State of registration			Interstate			Australia		
	mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %	
Utilities and panel vans	1,229.5	(10.6)		198.1	(22.2)		775.7	(13.0)		2,203.3	(8.1)		23.5	(25.4)		2,226.8	(8.0)	
Rigid trucks; tare weight less than 3 tonnes	979.7	(4.9)		127.0	(10.6)		701.7	(5.0)		1,808.3	(3.4)		27.2	(21.3)		1,835.5	(3.3)	
3 and less than 4 tonnes	806.8	(3.8)		149.1	(13.8)		792.5	(3.3)		1,748.4	(2.6)		32.8	(14.4)		1,781.1	(2.6)	
4 tonnes and over	4,043.4	(3.8)		926.4	(9.3)		4,991.3	(3.6)		9,961.1	(2.5)		434.3	(17.0)		10,395.4	(2.6)	
Total rigid	5,829.9	(2.8)		1,202.5	(7.4)		6,485.4	(2.9)		13,517.8	(1.9)		494.2	(15.0)		14,012.0	(2.0)	
Articulated trucks; tare weight less than 9 tonnes	1,108.0	(4.8)		439.7	(9.1)		2,373.3	(3.7)		3,921.0	(1.7)		596.1	(10.4)		4,517.1	(2.4)	
9 and less than 11 tonnes	760.7	(3.5)		246.3	(7.9)		1,720.2	(3.2)		2,727.2	(1.8)		560.0	(6.4)		3,287.2	(1.5)	
11 tonnes and over	3,482.2	(2.9)		1,858.2	(4.0)		11,050.7	(1.1)		16,391.0	(1.0)		7,692.7	(1.4)		24,083.8	(1.2)	
Total articulated	5,350.9	(2.1)		2,544.2	(3.3)		15,144.2	(1.2)		23,039.3	(0.9)		8,848.7	(1.2)		31,888.2	(1.1)	
Other truck type vehicles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All trucks	11,180.8	(1.8)		3,746.7	(3.3)		21,629.6	(0.8)		36,557.1	(0.5)		9,342.9	(1.3)		45,900.2	(0.5)	
Total	12,410.3	(1.9)		3,944.7	(3.3)		22,405.3	(0.9)		38,760.4	(0.6)		9,366.4	(1.3)		48,127.0	(0.5)	

(a) Includes A.C.T. for A.C.T. vehicles. (b) Includes travel on the Stuart and Barkly highways for Northern Territory vehicles.

TABLE 18. TOTAL ANNUAL TONNE-KILOMETRES BY AREA OF OPERATION : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

States of registration	Area of operation																	
	Capital city (a)			Provincial urban (b)			Other areas of State or Territory			Total within State of registration			Interstate			Australia		
	mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %		mil. tonne-kms	S.E. %	
New South Wales	4,506.4	(3.7)		2,164.2	(5.2)		7,335.6	(1.1)		14,006.2	(0.7)		2,449.9	(2.0)		16,456.1	(0.5)	
Victoria	3,417.4	(3.3)		608.8	(6.6)		4,562.6	(2.3)		8,588.9	(1.6)		2,893.2	(1.6)		11,482.1	(0.8)	
Queensland	1,551.0	(6.4)		552.4	(7.3)		3,484.0	(2.6)		5,587.5	(2.6)		1,002.3	(6.3)		6,589.8	(2.3)	
South Australia	1,111.4	(3.8)		..	..		2,734.7	(2.6)		3,846.1	(1.4)		2,407.1	(2.8)		6,253.2	(2.3)	
Western Australia	1,393.3	(4.1)		..	..		3,068.1	(2.1)		4,461.4	(1.8)		190.4	(8.5)		4,652.0	(1.8)	
Tasmania	237.5	(5.3)		..	..		1,029.3	(1.1)		1,403.7	(0.8)		3.6	(34.8)		1,407.3	(0.8)	
Northern Territory	61.4	(12.6)		481.4	(4.7)		191.4	(8.7)		734.2	(3.0)		214.8	(10.8)		949.0	(4.4)	
Australian Capital Territory	131.8	(10.3)		..	..		..	..		131.8	(10.3)		208.4	(16.7)		340.2	(11.6)	
Australia	12,410.3	(1.9)		3,944.7	(3.3)		22,405.3	(0.9)		38,760.4	(0.6)		9,366.4	(1.3)		48,127.0	(0.5)	

(a) Includes A.C.T. for A.C.T. vehicles. (b) Includes travel on the Stuart and Barkly highways for Northern Territory vehicles.

TABLE 19. TOTAL ANNUAL TONNES CARRIED BY INDUSTRY SERVED : STATES OF REGISTRATION
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Industry served	State of registration																										
	N.S.W.			Vic.			Qld			S.A.			W.A.			Tas.			N.T.			A.C.T.			Aust.		
	mil. tonnes	S.E. %		mil. tonnes	S.E. %		mil. tonnes	S.E. %		mil. tonnes	S.E. %		mil. tonnes	S.E. %		mil. tonnes	S.E. %		mil. tonnes	S.E. %		mil. tonnes	S.E. %		mil. tonnes	S.E. %	
Agriculture, forestry, fishing and hunting	33.5	(8.1)		25.1	(7.9)		26.1	(8.8)		14.3	(7.2)		18.0	(5.1)		7.4	(4.6)		1.7	(10.3)		0.3	(18.4)		126.5	(3.4)	
Mining	50.8	(13.1)		4.8	(19.4)		9.4	(15.8)		6.5	(30.5)		13.1	(29.6)		3.2	(13.1)		0.7	(28.7)		(a)0.4	(60.8)		88.9	(9.2)	
Manufacturing	17.7	(17.2)		17.7	(6.1)		10.7	(14.8)		3.0	(16.1)		5.5	(17.3)		2.1	(16.9)		0.2	(22.0)		(a)0.1	(50.8)		57.1	(6.6)	
Building and construction	54.0	(12.3)		44.6	(13.9)		34.6	(13.6)		18.6	(10.7)		18.8	(21.1)		5.7	(15.3)		3.1	(11.6)		2.2	(16.7)		181.5	(6.2)	
Wholesale and retail trade	27.1	(11.4)		21.0	(6.3)		20.6	(13.3)		7.2	(9.1)		6.6	(14.8)		2.4	(11.5)		0.6	(17.2)		0.5	(29.3)		85.9	(5.3)	
Road transport	78.7	(5.6)		46.7	(5.8)		12.7	(6.0)		20.8	(5.6)		26.4	(7.4)		7.9	(5.3)		2.6	(17.6)		1.0	(17.6)		196.7	(2.9)	
Australian, state or local government	46.7	(9.6)		23.2	(11.0)		29.4	(10.6)		13.5	(10.6)		13.2	(15.1)		5.8	(13.7)		0.7	(10.8)		0.7	(20.3)		133.2	(4.9)	
Other	14.8	(16.9)		13.0	(19.7)		2.7	(13.6)		2.5	(16.2)		4.9	(41.7)		0.9	(20.6)		1.0	(21.4)		0.5	(29.3)		40.3	(10.3)	
Not stated	1.7	(27.4)		0.9	(33.0)		..	(a)0.1		..	(53.2)		..	..		..	..		..	..		..	..	(a)0.1	2.7	(19.8)	
Total	325.0	(3.4)		197.0	(3.8)		146.2	(4.4)		86.5	(3.6)		106.5	(6.1)		35.4	(3.6)		10.5	(5.6)		5.6	(7.2)		912.6	(1.8)	

(a) Published for completeness, note high standard error.

TABLE 20. AVERAGE ANNUAL KILOMETRES, BY TYPE OF VEHICLE, NUMBER OF OCCUPANTS AND AREA OF OPERATION : AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	Number of occupants													
	One occupant		Two occupants		Three occupants		Four occupants		Five occupants		Six or more occupants		Total	
	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %	'000 kilometres	S.E. %
	METROPOLITAN													
Cars and station wagons	6.9	(1.9)	3.3	(2.7)	2.2	(3.7)	2.0	(4.4)	2.2	(6.1)	2.1	(8.5)	10.5	(1.5)
Motor cycles	5.2	(5.0)	1.4	(13.3)	—	..	—	..	—	..	—	..	5.6	(4.9)
Utilities and panel vans	10.4	(4.5)	3.9	(7.3)	2.6	(12.0)	2.4	(21.8)	1.5	(30.6)	1.8	(27.5)	13.1	(3.7)
Trucks (incl. "other truck type vehicles")	14.6	(2.8)	3.9	(3.8)	3.8	(6.6)	4.0	(14.7)	4.1	(21.4)	3.8	(15.0)	15.9	(2.4)
Total	7.5	(1.6)	3.4	(2.4)	2.2	(3.4)	2.1	(4.3)	2.2	(5.9)	2.1	(8.1)	10.9	(1.3)
	NON-METROPOLITAN													
Cars and station wagons	6.3	(2.6)	4.1	(3.0)	2.9	(3.9)	3.3	(4.7)	3.8	(6.0)	4.0	(10.0)	9.6	(1.8)
Motor cycles	4.6	(4.6)	1.8	(15.6)	—	..	—	..	—	..	—	..	4.9	(4.6)
Utilities and panel vans	9.8	(4.8)	4.7	(5.9)	3.3	(11.0)	3.0	(24.8)	3.3	(25.5)	5.4	(27.2)	12.7	(3.6)
Trucks (incl. "other truck type vehicles")	16.5	(1.1)	3.8	(2.6)	3.5	(5.0)	3.9	(13.1)	3.8	(15.0)	5.1	(17.4)	17.7	(1.0)
Total	7.5	(1.9)	4.1	(2.5)	2.9	(3.6)	3.3	(4.6)	3.8	(5.8)	4.1	(9.2)	10.3	(1.4)
	TOTAL AREAS OF OPERATION													
Cars and station wagons	8.6	(1.6)	5.0	(2.1)	3.2	(2.8)	3.4	(3.4)	3.8	(4.5)	3.8	(7.1)	15.1	(1.1)
Motor cycles	5.8	(3.6)	2.0	(12.2)	—	..	—	..	—	..	—	..	6.3	(3.6)
Utilities and panel vans	12.4	(3.3)	5.5	(4.9)	3.8	(8.3)	3.6	(19.3)	3.0	(20.1)	5.1	(23.6)	17.0	(2.6)
Trucks (incl. "other truck type vehicles")	18.8	(1.2)	4.7	(2.3)	4.5	(5.4)	5.0	(3.4)	5.2	(13.0)	5.7	(12.4)	20.7	(1.1)
Total	9.6	(0.9)	5.0	(1.8)	3.3	(2.6)	3.4	(3.4)	3.8	(4.4)	3.9	(6.7)	15.3	(0.9)

TABLE 21. TOTAL ANNUAL FUEL CONSUMPTION, BY TYPE OF VEHICLE AND TYPE OF FUEL: AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	Type of fuel									
	Petrol		Diesel or distillate		LPG		Not stated		Total	
	mil. litres	S.E. %	mil. litres	S.E. %	mil. litres	S.E. %	mil. litres	S.E. %	mil. litres	S.E. %
Cars and station wagons	10,695.6	(1.3)	17.8	(37.8)	(a)12.6	(71.0)	(a)1.0	(99.9)	10,727.0	(1.3)
Motor cycles	100.0	(4.1)	—	..	—	..	0.5	(36.4)	100.5	(4.1)
Utilities and panel vans	2,241.4	(3.1)	41.1	(24.8)	(a)4.3	(75.5)	(a)6.8	(99.9)	2,293.6	(3.1)
Rigid trucks; tare weight less than 3 tonnes	451.5	(2.8)	46.0	(8.6)	7.9	(34.0)	(a)4.6	(71.7)	510.0	(2.6)
3 and less than 4 tonnes	217.1	(2.6)	43.1	(6.6)	3.0	(19.7)	0.9	(33.4)	264.2	(2.3)
4 tonnes and over	303.0	(3.3)	587.5	(5.0)	15.6	(17.1)	2.5	(41.8)	908.6	(3.3)
Total rigid	971.5	(1.7)	676.6	(4.4)	26.6	(14.4)	8.1	(43.4)	1,682.8	(2.0)
Articulated trucks; tare weight less than 9 tonnes	27.8	(4.4)	214.1	(4.9)	1.5	(17.1)	1.8	(33.1)	245.3	(4.3)
9 and less than 11 tonnes	8.7	(8.4)	148.7	(2.3)	—	..	(a)0.1	(78.8)	157.5	(2.2)
11 tonnes and over	4.7	(16.2)	979.4	(1.5)	(a)0.2	(79.9)	3.2	(32.9)	987.5	(1.5)
Total articulated	41.1	(3.9)	1,342.2	(1.2)	1.8	(17.6)	5.2	(23.7)	1,390.3	(1.2)
Other truck type vehicles	81.3	(6.1)	8.3	(27.9)	(a)0.4	(97.4)	(a)0.9	(99.4)	90.8	(5.8)
All trucks	1,093.9	(1.6)	2,027.0	(1.7)	28.8	(13.5)	14.2	(27.0)	3,163.9	(1.2)
Total	14,131.0	(1.1)	2,085.9	(1.7)	45.6	(22.5)	22.4	(34.9)	16,284.9	(1.0)

(a) Published for completeness, note high standard error.

TABLE 22. AVERAGE RATE OF FUEL CONSUMPTION, BY TYPE OF VEHICLE AND TYPE OF FUEL: AUSTRALIA
TWELVE MONTHS ENDED 30 SEPTEMBER 1979

Type of vehicle	Type of fuel									
	Petrol		Diesel or distillate		LPG		Not stated		Total	
	litres /100km	S.E. %	litres /100km	S.E. %	litres /100km	S.E. %	litres /100km	S.E. %	litres /100km	S.E. %
Cars and station wagons	12.7	(0.5)	9.4	(11.5)	12.1	(35.2)	12.1	—	12.7	(0.5)
Motor cycles	5.7	(1.7)	—	..	—	..	5.2	(11.7)	5.7	(1.7)
Utilities and panel vans	14.4	(1.4)	13.2	(6.3)	17.3	(1.7)	15.0	—	14.4	(1.4)
Rigid trucks; tare weight										
less than 3 tonnes	20.8	(1.3)	18.0	(3.2)	32.1	(13.4)	33.3	(14.7)	20.7	(1.2)
3 and less than 4 tonnes	31.9	(1.0)	23.7	(2.6)	43.0	(8.4)	31.3	(5.7)	30.3	(1.0)
4 tonnes and over	40.7	(1.2)	34.5	(2.0)	54.9	(6.3)	31.8	(14.1)	36.5	(1.6)
<i>Total rigid</i>	27.0	(0.9)	31.6	(1.6)	44.2	(6.2)	32.6	(10.0)	28.9	(0.8)
Articulated trucks; tare weight										
less than 9 tonnes	48.7	(1.8)	50.2	(2.1)	61.7	(5.9)	47.1	(2.9)	50.1	(1.8)
9 and less than 11 tonnes	55.7	(1.5)	45.8	(0.8)	77.1	(5.5)	44.0	(0.2)	46.3	(0.7)
11 tonnes and over	49.0	(4.8)	55.6	(0.5)	58.4	(2.7)	56.3	(5.9)	55.6	(0.5)
<i>Total articulated</i>	50.0	(1.4)	53.4	(0.5)	61.5	(5.2)	52.4	(4.4)	53.3	(0.5)
Other truck type vehicles	19.2	(3.4)	29.5	(9.2)	24.2	(1.1)	34.0	—	19.9	(3.3)
<i>All trucks</i>	26.6	(0.8)	43.3	(1.1)	44.4	(5.9)	37.9	(5.6)	35.6	(0.6)
Total	13.4	(0.5)	40.3	(1.7)	23.6	(23.4)	22.3	(17.2)	14.6	(0.4)

TABLE 23. TOTAL NUMBER OF VEHICLES (a) BY TYPE OF VEHICLE : STATES OF REGISTRATION, 30 SEPTEMBER 1979

Type of vehicle	State of registration																	
	N.S.W.		Vic.		Qld		S.A.		W.A.		Tas.		N.T.		A.C.T.		Aust.	
	Number	S.E. %	Number	S.E. %	Number	S.E. %	Number	S.E. %	Number	S.E. %	Number	S.E. %	Number	S.E. %	Number	S.E. %	Number	S.E. %
Cars and station wagons	1,893,128	(0.3)	1,543,782	(0.3)	853,462	(0.2)	542,553	(0.2)	515,649	(0.4)	175,317	(0.2)	24,220	(0.7)	88,126	(0.3)	5,636,238	(0.1)
Motor cycles	90,824	(1.0)	47,160	(1.1)	76,134	(1.1)	29,895	(0.7)	25,128	(1.9)	4,674	(0.9)	2,227	(0.7)	3,546	(1.1)	279,589	(0.5)
Utilities and panel vans	292,809	(1.6)	197,070	(0.9)	212,553	(0.8)	70,413	(0.6)	113,449	(1.0)	29,671	(1.5)	12,731	(1.5)	10,728	(1.9)	939,424	(0.6)
Rigid trucks; tare weight																		
less than 3 tonnes	63,512	(1.8)	44,250	(2.3)	12,409	(1.6)	13,941	(2.4)	18,116	(3.4)	4,979	(4.8)	513	(3.5)	1,053	(7.4)	158,773	(1.1)
3 and less than 4 tonnes	21,339	(1.9)	20,461	(1.9)	11,985	(2.0)	7,495	(1.9)	7,229	(3.8)	1,954	(2.9)	271	(13.6)	444	(13.4)	71,178	(1.0)
4 tonnes and over	36,794	(5.1)	25,018	(1.3)	23,380	(1.0)	12,182	(0.9)	17,974	(1.5)	3,925	(6.1)	727	(2.7)	612	(7.0)	120,611	(1.6)
Total rigid	121,645	(1.8)	89,729	(1.2)	47,774	(0.3)	33,618	(1.0)	43,319	(1.4)	10,857	(3.1)	1,511	(2.4)	2,109	(2.7)	350,563	(0.7)
Articulated trucks;																		
tare weight																		
less than 9 tonnes	6,401	(3.5)	3,620	(3.7)	1,764	(1.9)	610	(3.8)	1,336	(2.3)	464	(4.2)	140	(9.0)	44	(30.1)	14,379	(1.9)
9 and less than 11 tonnes	2,235	(3.7)	2,253	(2.7)	1,498	(2.3)	782	(2.0)	679	(3.5)	244	(6.0)	61	(13.3)	43	(31.5)	7,795	(1.5)
11 tonnes and over	7,071	(2.1)	4,663	(1.3)	3,813	(1.1)	3,156	(0.9)	1,902	(3.0)	717	(2.7)	311	(4.3)	143	(12.1)	21,775	(0.8)
Total articulated	15,706	(1.5)	10,536	(1.4)	7,074	(0.2)	4,548	(0.6)	3,916	(1.3)	1,425	(1.7)	512	(2.2)	231	(6.7)	43,949	(0.6)
Other truck type vehicles	9,097	(3.6)	9,975	(3.2)	3,263	(2.9)	5,031	(2.1)	5,350	(2.0)	2,329	(6.5)	157	(22.2)	340	(7.4)	35,542	(1.4)
All trucks	146,449	(1.5)	110,240	(0.9)	58,111	(0.3)	43,197	(0.8)	52,586	(1.1)	14,612	(2.5)	2,180	(2.2)	2,680	(2.1)	430,054	(0.6)
Total	2,423,211	(0.2)	1,898,252	(0.2)	1,200,260	(0.2)	686,057	(0.1)	706,814	(0.3)	224,274	(0.1)	41,357	-	105,081	(0.2)	7,285,305	(0.1)

(a) Excludes vehicles which recorded zero usage for the twelve months ended 30 September 1979

APPENDICES



28

AUSTRALIAN BUREAU OF STATISTICS
VICTORIAN OFFICE

Registration No.—Please quote in all correspondence

Please complete, sign and return this questionnaire within 14 DAYS to:

THE DEPUTY
COMMONWEALTH STATISTICIAN
Box 2796Y, G.P.O.
MELBOURNE, Vic. 3001

For enquiries:
Telephone MELBOURNE 63 0181

Please amend name and address if necessary

SURVEY OF MOTOR VEHICLE USAGE

TWELVE MONTHS ENDED 30 SEPTEMBER 1979

This return is required under the authority of the *Census and Statistics Act 1905*, and is therefore **COMPULSORY**. The Act provides that the contents of individual returns are **CONFIDENTIAL** and will not be disclosed to any government or private organisation, or any person except authorised officers of the Australian Bureau of Statistics.

- Please complete this form for the vehicle with the registration number shown on the address label above **EVEN IF YOU ARE NO LONGER THE REGISTERED OWNER**.
- If you were not the registered owner for the whole of the twelve months ended 30 September 1979 give particulars relating to that part of the year for which you were the registered owner.
- Where information cannot be provided from records maintained during the year, careful estimates should be made.

SECTION A—PARTICULARS OF VEHICLE WITH THE REGISTRATION NUMBER SHOWN ABOVE		Office use only	
1. Make (e.g. Holden, Ford, Toyota, Honda)		01C	
2. Vehicle type (tick appropriate box): Car Station Wagon Utility Panel Van Motor Cycle or Scooter Other (please specify).....	<input type="checkbox"/> 10 <input type="checkbox"/> 20 <input type="checkbox"/> 30 <input type="checkbox"/> 31 <input type="checkbox"/> 80 <input type="checkbox"/>	03J	
3. Vehicle Tare Weight Note: (1) Use the unit of measurement preferred (2) Your registration papers should contain this information.	..... kilograms OR .....cwt	05L 04K	
4. Transmission (tick appropriate box): Manual Automatic Note: For motor cycles or scooters, tick Not Applicable.	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> Not applicable	02F	
5. Number of Cylinders Note: For rotary or other engines which do not have cylinders, tick Not Applicable.	..... (number) <input type="checkbox"/> Not applicable	08V	
6. Year of Manufacture	19.....	10F	

7. Engine Capacity (for motor cycles and scooters only)	..... cubic centimetres	Office Use Only	
		21L	
8. Garaging address At which address was this vehicle usually parked overnight during that period of the twelve months ended 30 September 1979 for which you were the registered owner?	.....	11J	
	..... POSTCODE.....		

SECTION B—OWNERSHIP

9. Were you the registered owner of this vehicle at 30 September 1979? (tick appropriate box)	1 <input type="checkbox"/> YES (Go to Q. 13)	12K		
	2 <input type="checkbox"/> NO (Continue next question)			
10. On which date did you cease to be the registered owner?	/ / 197	13L		
11. Why were you no longer the registered owner? (tick appropriate box)	Registration cancelled or lapsed	14R		
	1 <input type="checkbox"/> (Go to Q. 13)			
	Vehicle disposed of to a motor vehicle dealer			2 <input type="checkbox"/> (Continue next question)
	Vehicle disposed of to a person other than a dealer			3 <input type="checkbox"/> (Continue next question)
12. Name and address of person to whom vehicle was disposed.	Name.....	15T		
	Address.....			
	..... POSTCODE.....		
13. Did you become the registered owner of this vehicle during the twelve months ended 30 September 1979? (tick appropriate box)	1 <input type="checkbox"/> YES (Continue next question)	16V		
	2 <input type="checkbox"/> NO (Go to Q. 15)			
14. On what date did you obtain the vehicle?	/ / 197	17W		

SECTION C—FUEL CONSUMPTION

15. Please estimate the average rate of fuel consumption of this vehicle during that period of the twelve months ended 30 September 1979 for which you were the registered owner. <i>Note: Use the unit of measurement preferred.</i>	..... litres/100 kilometres	18X	
	OR kilometres/litre	19A	
	OR miles/gallon	20K	
16. Type of fuel used (tick appropriate box)	Petrol	22R	
	1 <input type="checkbox"/>		
	Diesel fuel or distillate			2 ☐
Other (please specify).....	3 <input type="checkbox"/>		

SECTION D—KIND OF BUSINESS

Office Use Only

17. Was this vehicle used AT ALL for business, professional, farm or government purposes during that period of the twelve months ended 30 September 1979 for which you were the registered owner? (tick appropriate box)

- 1 YES (Continue next question)
 2 NO (Go to Q. 19)

56L

18. What was the MAIN kind of business in which this vehicle was used during that period of the twelve months ended 30 September 1979 for which you were the registered owner? (Tick one box only)

Note: (1) For vehicles used mainly in carrying for hire and reward, show the kind of business of the main client. If no main client show the kind of business as Road Transport.

- (2) Vehicles owned by Australian, State or Local governments or by government instrumentalities or authorities should be classified to (i) below.
 (3) Unless (2) above refers, for service vehicles providing an on the spot service to households or businesses tick (j) below and indicate the type of service provided.

- (a) Agriculture, Forestry, Fishing and Hunting .
- (b) Mining .
- (c) Manufacturing .
- (d) Electricity, Gas or Water .
- (e) Building and Construction .
- (f) Wholesale and Retail Trade .
- (g) Road Transport .
- (h) Other Transport and Storage .
- (i) Australian, State or Local government or government instrumentalities or authorities .
- (j) Service Vehicles
(please specify)
.....
- (k) Other
(please specify)

- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10
- 11

58T

SECTION E—CHARACTERISTICS OF DISTANCE TRAVELLED

19. Please estimate the total distance travelled by this vehicle during that period of the twelve months ended 30 September 1979 for which you were the registered owner.

Note: Use the unit of measurement preferred.

.....kilometres
 OR
miles

24V

23T

20. Of the total distance travelled as shown in Question 19, please estimate the distance travelled on farms, forest fire trails, quarries, unused land and other 'off-road' areas.

.....kilometres
 OR
miles

26X

25W

21. Distance Travelled for Specified Purposes

Of the total distance travelled shown in Question 19, please estimate the distance travelled for the following purposes

PURPOSE	Office use	DISTANCE TRAVELLED
TRAVEL FOR BUSINESS, PROFESSIONAL, FARM OR GOVERNMENT PURPOSES <i>(INCLUDE distance travelled for hire and reward, chargeable to a business expense or for which an allowance was received. EXCLUDE travel to and from work or for private purposes.)</i>	27A	
TRAVEL TO AND FROM WORK—PAID —UNPAID <i>(INCLUDE only travel to and from work at the beginning and end of each work day. EXCLUDE (i) Lunchtime travel, (ii) Travel between various locations during the day, (iii) Travel other than by this vehicle. PAID TRAVEL is that which is chargeable to a business expense or for which an allowance was received. All other travel should be shown as UNPAID)</i>	28C	
	29F	
TRAVEL FOR PRIVATE PURPOSES <i>(INCLUDE all distance travelled other than that recorded under previous headings.)</i>	32V	
TOTAL DISTANCE TRAVELLED	33W	

To agree with answer to Question 19.

22. Distance Travelled in Specified Areas

Please complete the following two tables by splitting Total Distance Travelled as shown in Question 19 within the specified areas.

Note: MELBOURNE AND ENVIRONS—This is defined as the Melbourne Statistical Division and includes the towns of Werribee, Sunbury, Craigieburn, Whittlesea, Healesville, Berwick and the whole of the Mornington Peninsula.

Within Victoria	Office use	DISTANCE TRAVELLED
Within Melbourne and environs	34X	
Within Geelong, Ballarat and Bendigo	35A	
Within other areas of Victoria	37F	
TOTAL, Within Victoria	38J	

Within Other States and Territories	Office use	DISTANCE TRAVELLED
New South Wales	39K	
Queensland	41W	
South Australia	42X	
Western Australia	43A	
Tasmania	44C	
Northern Territory	45F	
A.C.T.	46J	
TOTAL, Other States and Territories	47K	

TOTAL DISTANCE TRAVELLED
To agree with answer to Question 19

48L	
-----	--

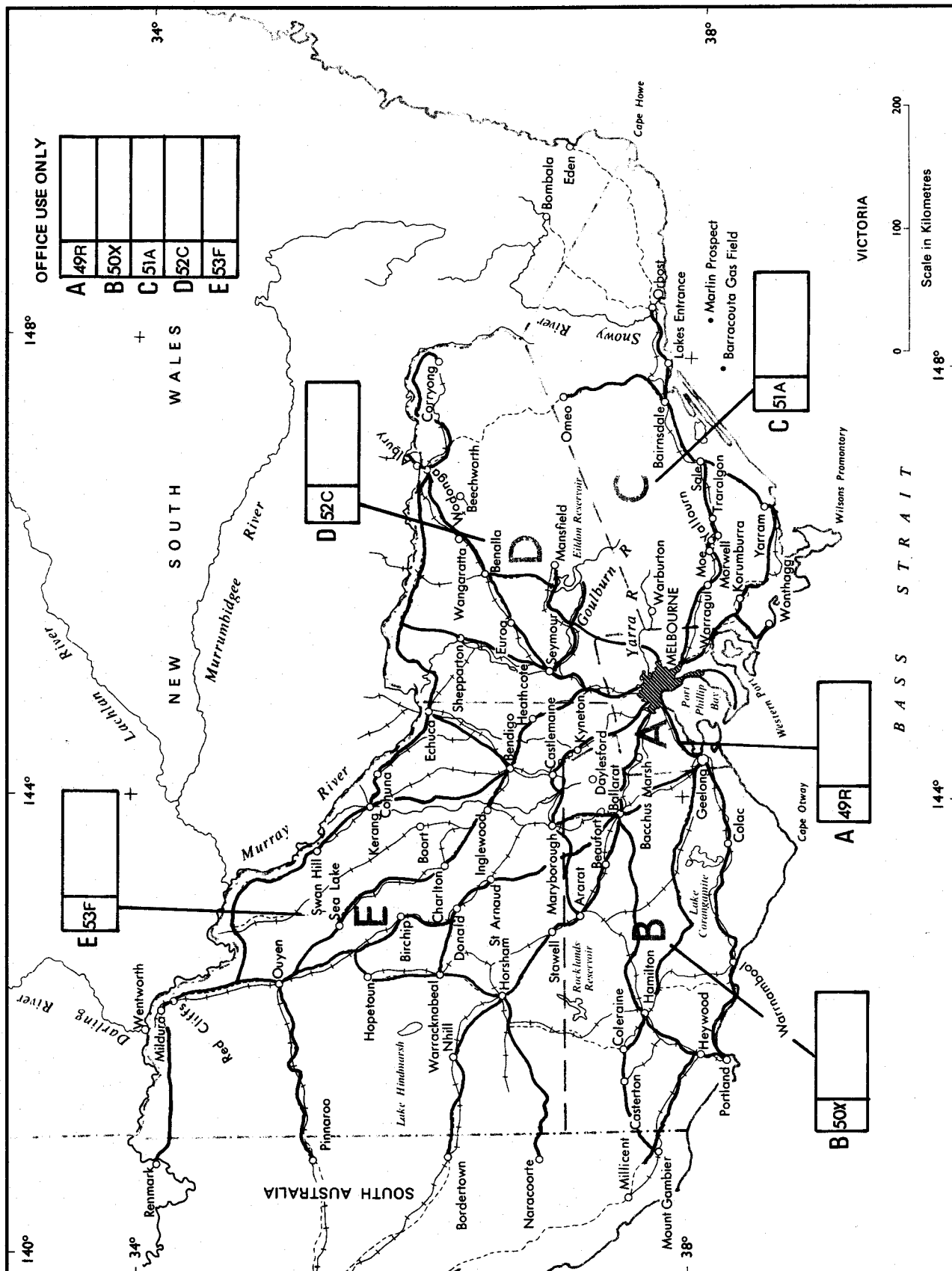
(38J + 47K)

PLEASE NOTE ALSO Q. 23—THE MAP QUESTION—ON THE FOLLOWING PAGE

23. DISTANCE TRAVELLED IN REGIONS OF VICTORIA

Please show in the boxes provided the appropriate distances travelled within the geographic regions shown on the map below.

Note: The sum of the distances travelled in regions A to E below should equal the total distance travelled within Victoria as shown in section 38J on the previous page.



SECTION F—ACCIDENTS		Office Use only	
24. Has this vehicle been involved in any accidents on roads or other public thoroughfares in which ANY vehicles were damaged or ANY persons killed or injured (i.e. required medical or surgical treatment) during that period of the twelve months ended 30 September 1979 for which you were the registered owner?	1 <input type="checkbox"/> YES (Continue next question)	67V	
	2 <input type="checkbox"/> NO (Go to Q. 27)		
25. In how many accidents was this vehicle involved?	..... (number)	68W	
26. How many of these accidents resulted in death or injury to any persons involved?	..... (number)	69X	

SECTION G—PASSENGERS

27. Of the total distance travelled by this vehicle during that period of the twelve months ended 30 September 1979 for which you were the registered owner, please estimate the percentage travelled with the following number of occupants.

Note: For the definition of Capital City and Environs, see question 22.

	Office use	Capital City and Environs	Office use	Other (including Interstate)
Driver only	70J	%	76W	%
1 Passenger	71K	%	77X	%
2 Passengers	72L	%	78A	%
3 Passengers	73R	%	79C	%
4 Passengers	74T	%	80L	%
5 or more Passengers	75V	%	81R	%
		100%		100%

SECTION H—TOWING		Office use only		
28. Please estimate the distance travelled by this vehicle while towing any of the following during that period of the twelve months ended 30 September 1979 for which you were the registered owner:	DISTANCE (tick appropriate box)		100K	
	1 <input type="checkbox"/> Kilometres	2 <input type="checkbox"/> Miles		
Caravan			101L	
Box trailer			102R	
Boat trailer			103T	
Other (please specify).....			104V	

SECTION I—DRIVER CHARACTERISTICS

29. For all usual drivers of this vehicle, please show the particulars listed in the table below and indicate the percentage of total distance travelled (as shown in Question 19) driven by each person during that period of the twelve months ended 30 September 1979 for which you were the registered owner.

Note: A driver's marital status should be stated as either:

A driver's occupation should be stated as either:

- S—Never married
- M—Presently married
- P—Married but permanently separated
- W—Widowed
- D—Divorced

- 1—Employee
- 2—Self-employed
- 3—Housewife
- 4—Student
- 5—Retired/Pensioner
- 6—Other

Driver	Sex (M or F)	Age	Marital status	Occupation Code to one of the above codes	Year first obtained drivers or riders licence	Percentage of distance travelled (by this vehicle) with this driver
Driver 1					19.....	%
Driver 2					19.....	%
Driver 3					19.....	%
Driver 4					19.....	%
Driver 5					19.....	%
						100%

SECTION J—REMARKS

30. Brief comments would be appreciated on any special features relating to the information you have supplied in response to any of the questions on this form.

.....

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.....

Particulars of person completing this form or person who can be contacted if any queries arise regarding this return.

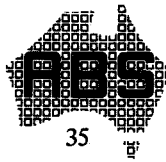
Name :
(BLOCK LETTERS)

Signature :

Telephone No. :

Date : 1979

Telephone Exchange :



AUSTRALIAN BUREAU OF STATISTICS
VICTORIAN OFFICE

Registration No.—Please quote in all correspondence

Please complete, sign and return this questionnaire within 14 DAYS to:

THE DEPUTY
COMMONWEALTH STATISTICIAN
Box 2796Y, G.P.O.
MELBOURNE, Vic. 3001

For enquiries:
Telephone MELBOURNE 63 0181

Please amend name and address if necessary

SURVEY OF MOTOR VEHICLE USAGE

TWELVE MONTHS ENDED 30 SEPTEMBER 1979

This return is required under the authority of the *Census and Statistics Act 1905*, and is therefore **COMPULSORY**. The Act provides that the contents of individual returns are **CONFIDENTIAL** and will not be disclosed to any government or private organisation, or any person except authorised officers of the Australian Bureau of Statistics.

- Please complete this form for the vehicle with the registration number shown on the address label above **EVEN IF YOU ARE NO LONGER THE REGISTERED OWNER**.
- If you were not the registered owner for the whole of the twelve months ended 30 September 1979 give particulars relating to that part of the year for which you were the registered owner.
- Where information cannot be provided from records maintained during the year, careful estimates should be made.

SECTION A—PARTICULARS OF VEHICLE WITH THE REGISTRATION NUMBER SHOWN ABOVE		Office use only	
1. Make (e.g. Holden, Dodge, Ford, International)		01C	
2. Body type (tick appropriate box)	<input type="checkbox"/> 30 <input type="checkbox"/> 31 <input type="checkbox"/> 40 <input type="checkbox"/> 50 <input type="checkbox"/>	03J	
3. Vehicle weights			
<i>Note: (1) Use the unit of measurement preferred</i> (2) For articulated trucks or other trailer combinations state the weight of the USUAL prime mover and trailer combination.	Tare Weight	05L	
Tare weight (i.e. unloaded weight of the vehicle, plus trailer where applicable).	..... kilograms		
	OR		
	..... tons.....cwt	04K	
	Aggregate Weight		
Aggregate weight (i.e. fully loaded weight of the vehicle, plus trailer where applicable).	..... kilograms	07T	
	OR		
	..... tons.....cwt	06R	
4. Number of axles (i.e. the number of road wheels as viewed from the side of the vehicle. For articulated trucks or other trailer combinations, state the number of rows of wheels of the USUAL prime mover and trailer combination).	..... (number of axles)	09W	
5. Year of manufacture	19.....	10F	

6. Garaging address At which address was this vehicle usually parked overnight during that period of the twelve months ended 30 September 1979 for which you were the registered owner?	Office Use Only
	POSTCODE.....		11J

SECTION B—OWNERSHIP

7. Were you the registered owner of this vehicle at 30 September 1979? (tick appropriate box)	1 <input type="checkbox"/> YES (Go to Q. 11)	12K	
	2 <input type="checkbox"/> NO (Continue next question)		
8. On which date did you cease to be the registered owner?	/ / 197	13L	
9. Why were you no longer the registered owner? (tick appropriate box)	Registration cancelled or lapsed	14R	
	1 <input type="checkbox"/> (Go to Q. 11)		
	Vehicle disposed of to a motor vehicle dealer		2 <input type="checkbox"/> (Continue next question)
	Vehicle disposed of to a person other than a dealer		3 <input type="checkbox"/> (Continue next question)
10. Name and address of person to whom vehicle was disposed.	Name.....	15T	
	Address.....		
	POSTCODE.....		
11. Did you become the registered owner of this vehicle during the twelve months ended 30 September 1979? (tick appropriate box)	1 <input type="checkbox"/> YES (Continue next question)	16V	
	2 <input type="checkbox"/> NO (Go to Q. 13)		
12. On what date did you obtain the vehicle?	/ / 197	17W	

SECTION C—FUEL CONSUMPTION

13. Please estimate the average rate of fuel consumption of this vehicle during that period of the twelve months ended 30 September 1979 for which you were the registered owner. <i>Note: Use the unit of measurement preferred.</i>	..... litres/100 kilometres	18X
	OR kilometres/litre	19A
	OR miles/gallon	20K
14. Type of fuel used (tick appropriate box)		22R
	Petrol <input type="checkbox"/>	
	Diesel fuel or distillate <input type="checkbox"/>	
Other (please specify).....	<input type="checkbox"/>	

SECTION D—CHARACTERISTICS OF DISTANCE TRAVELLED

15. Please estimate the total distance travelled by this vehicle during that period of the twelve months ended 30 September 1979 for which you were the registered owner. <i>Note: Use the unit of measurement preferred</i>	..... kilometres	24V
	OR miles	23T
16. Of the total distance travelled as shown in Question 15, please estimate the distance travelled on farms, forest fire trails, quarries, unused land and other 'off-road' areas.	..... kilometres	26X
	OR miles	25W

17. Distance travelled for specified purposes

Of the total distance travelled shown in Question 15, please estimate the distance travelled for the following purposes.

PURPOSE	Office use	DISTANCE TRAVELLED
TRAVEL FOR BUSINESS, PROFESSIONAL, FARM OR GOVERNMENT PURPOSES <i>(INCLUDE distance travelled for hire and reward, chargeable to a business expense or for which an allowance was received.</i> <i>EXCLUDE travel to and from work or for private purposes.)</i>	27A	
TRAVEL TO AND FROM WORK—PAID —UNPAID <i>(INCLUDE only travel to and from work at the beginning and end of each work day.</i> <i>EXCLUDE (i) Lunchtime travel,</i> <i>(ii) Travel between various locations during the day,</i> <i>(iii) Travel other than by this vehicle.</i> <i>PAID TRAVEL is that which is chargeable to a business expense or for which an allowance was received.</i> <i>All other travel should be shown as UNPAID.)</i>	28C	
	29F	
TRAVEL FOR PRIVATE PURPOSES <i>(INCLUDE all distance travelled other than that recorded under previous headings.)</i>	32V	
TOTAL DISTANCE TRAVELLED	33W	

To agree with answer to Question 15.

18. Distance Travelled in Specified Areas

Please complete the following two tables by splitting Total Distance Travelled as shown in Question 15 within the specified areas.

Note: MELBOURNE AND ENVIRONS—This is defined as the Melbourne Statistical Division and includes the towns of Werribee, Sunbury, Craigieburn, Whittlesea, Healesville, Berwick and the whole of the Mornington Peninsula.

Within Victoria	Office use	DISTANCE TRAVELLED
Within Melbourne and environs	34X	
Within Geelong, Ballarat and Bendigo	35A	
Within other areas of Victoria	37F	
TOTAL, Within Victoria	38J	

Within Other States and Territories	Office use	DISTANCE TRAVELLED
New South Wales	39K	
Queensland	41W	
South Australia	42X	
Western Australia	43A	
Tasmania	44C	
Northern Territory	45F	
A.C.T.	46J	
TOTAL, Other States and Territories	47K	

TOTAL DISTANCE TRAVELLED
To agree with answer to Question 15

48L	
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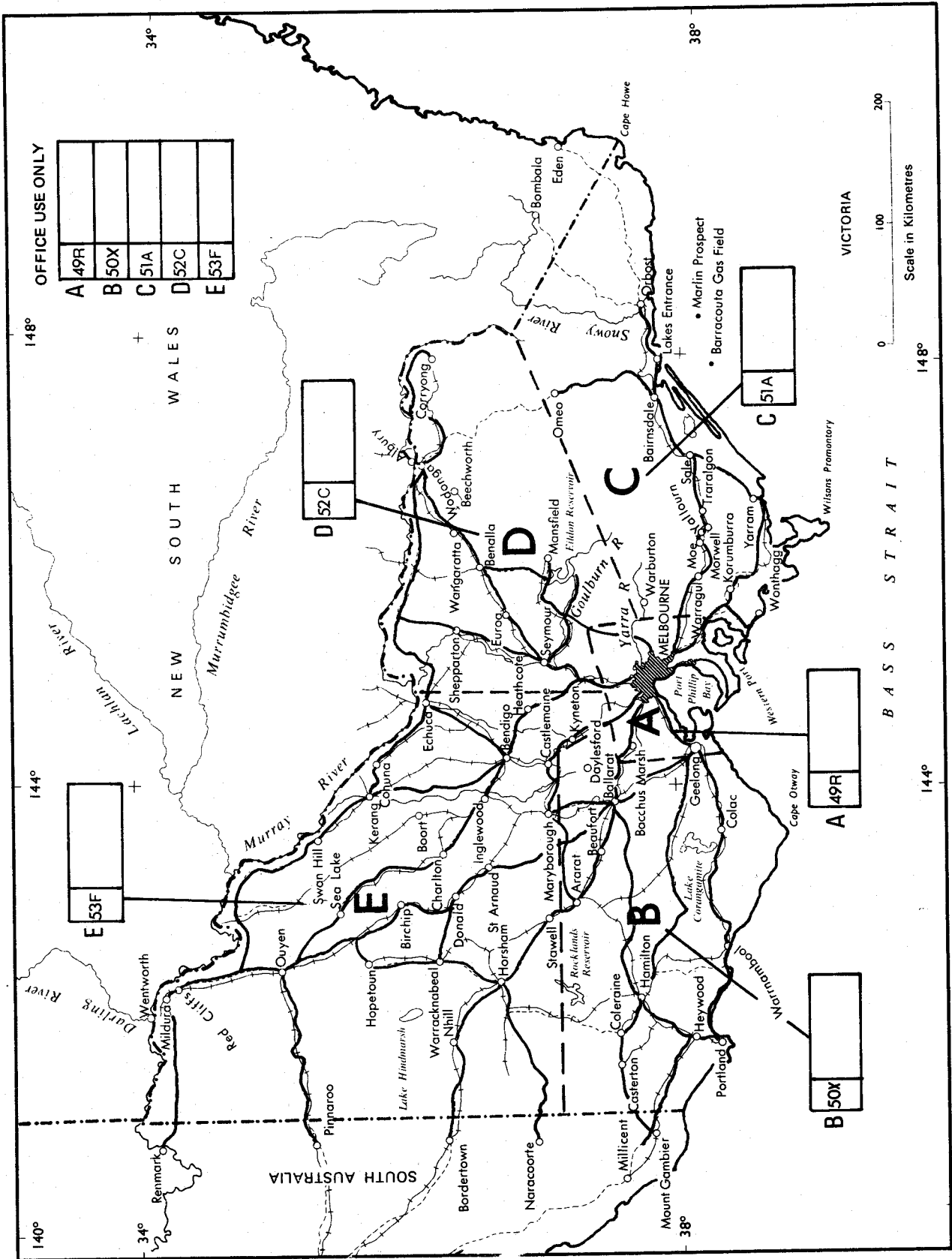
(38J + 47K)

PLEASE NOTE ALSO Q. 19—THE MAP QUESTION—ON THE FOLLOWING PAGE

19. DISTANCE TRAVELLED IN REGIONS OF VICTORIA

Please show in the boxes provided the appropriate distances travelled within the geographic regions shown on the map below.

Note: The sum of the distances travelled in regions A to E below should equal the total distance travelled within Victoria as shown in section 38J on the previous page.



SECTION E—KIND OF BUSINESS		Office use only	
<p>20. Was this vehicle used AT ALL for business, professional, farm or government purposes during that period of the twelve months ended 30 September 1979 for which you were the registered owner? (tick appropriate box)</p>	<p>1 <input type="checkbox"/> YES (Continue next question)</p> <p>2 <input type="checkbox"/> NO (Go to Q. 28)</p>	56L	
<p>21. How was this vehicle MAINLY used during that period of the twelve months ended 30 September 1979 for which you were the registered owner? (tick appropriate box)</p> <p>Carrying for hire and reward</p> <p>Used in Own Business (other than carrying for hire and reward), Profession or Farm</p> <p>Other (please specify).....</p>	<p>1 <input type="checkbox"/></p> <p>2 <input type="checkbox"/></p> <p>3 <input type="checkbox"/></p>	57R	
<p>22. What was the MAIN kind of business in which this vehicle was used during that period of the twelve months ended 30 September 1979 for which you were the registered owner? (tick one box only)</p> <p><i>Note: (1) For vehicles used mainly in carrying for hire and reward, show the kind of business of the main client. If no main client, show the kind of business as Road Transport.</i></p> <p><i>(2) Vehicles owned by Australian, State or Local governments or by government instrumentalities or authorities should be classified to (i) below.</i></p> <p><i>(3) Unless (2) above refers, for service vehicles providing an on the spot service to households or businesses tick (j) below and indicate the type of service provided.</i></p> <p>(a) Agriculture, Forestry, Fishing and Hunting</p> <p>(b) Mining</p> <p>(c) Manufacturing</p> <p>(d) Electricity, Gas or Water</p> <p>(e) Building and Construction</p> <p>(f) Wholesale and Retail Trade</p> <p>(g) Road Transport</p> <p>(h) Other Transport and Storage</p> <p>(i) Australian, State or Local government or government instrumentalities or authorities</p> <p>(j) Service Vehicles (please specify).....</p> <p>.....</p> <p>(k) Other (please specify).....</p>	<p><input type="checkbox"/> 01</p> <p><input type="checkbox"/> 02</p> <p><input type="checkbox"/> 03</p> <p><input type="checkbox"/> 04</p> <p><input type="checkbox"/> 05</p> <p><input type="checkbox"/> 06</p> <p><input type="checkbox"/> 07</p> <p><input type="checkbox"/> 08</p> <p><input type="checkbox"/> 09</p> <p><input type="checkbox"/> 10</p> <p><input type="checkbox"/> 11</p>	58T	
<p>23. What was the MAIN type of operation in which this vehicle was used during that period of the twelve months ended 30 September 1979 for which you were the registered owner? (tick one box only)</p> <p>Within capital city of State of registration</p> <p>Between the capital city and the rest of the State of registration</p> <p>Outside capital city but within the rest of the State of registration—</p> <p> Within 80 km of base</p> <p> Beyond 80 km of base</p> <p>Intercapital (including to and from Canberra)</p> <p>Other Interstate from State of registration—</p> <p> Within 80 km of base</p> <p> Beyond 80 km of base</p>	<p><input type="checkbox"/> 1</p> <p><input type="checkbox"/> 2</p> <p><input type="checkbox"/> 3</p> <p><input type="checkbox"/> 4</p> <p><input type="checkbox"/> 5</p> <p><input type="checkbox"/> 6</p> <p><input type="checkbox"/> 7</p>	59V	

SECTION F—LOAD FACTORS		Office use only	
24. What percentage of your total distance travelled for business, professional, farm or government purposes shown in your answer to Question 17 (27A) do you estimate was run under the following conditions? Empty Less than fully laden Fully laden	(Per cent)		
	%	60C	
	%	61F	
	%	62J	
	100%		

SECTION G—LOAD CARRIED

25. Please estimate the weight of the <u>average load</u> carried exclusive of empty running. <i>Note: (1) For collection and delivery services where goods are progressively loaded or unloaded, average load may be estimated as half the usual maximum load.</i> (2) Use the unit of measurement preferred.	..... kilograms	64L	
	OR tons cwt	63K
26. Please estimate the <u>total weight of freight transported</u> by this vehicle during that period of the twelve months ended 30 September 1979 for which you were the registered owner. <i>Note: (1) Use the unit of measurement preferred.</i> (2) Where information cannot be provided from records maintained during the year, either of the following suggested methods of calculation could be used.	DAILY or WEEKLY USAGE USAGE Average weight loaded per trip (as per Question 25) <input type="text"/> <input type="text"/>	tonnes	66T
	MULTIPLIED BY	OR	
Average number of trips <input type="text"/> <input type="text"/> per day per week	X X	tons	65R
EQUALS			
Total load <input type="text"/> <input type="text"/> per day per week	= =		
MULTIPLIED BY			
Frequency of usage <input type="text"/> <input type="text"/> No. of days No. of weeks	X X		
EQUALS			
TOTAL WEIGHT OF FREIGHT TRANSPORTED (transfer to 65R or 66T as appropriate) <input type="text"/> <input type="text"/>	= =		

SECTION H—MAIN TYPES OF LOAD CARRIED		Office use only	
27. Please specify as a percentage of the total weight of freight transported as shown in Question 26, the main types of commodities carried.	(Per cent)		
(1) Wheat	%	171V	
(2) Other grains	%	172W	
(3) Livestock	%	173X	
(4) Fresh fruit and vegetables	%	174A	
(5) Other agricultural products	%	175C	
(6) Coal	%	176F	
(7) Iron ore	%	177J	
(8) Other minerals	%	178K	
(9) Sand, gravel, stone and earth	%	179L	
(10) Processed food (including beverages)	%	180W	
(11) Timber (logs and sawn)	%	181X	
(12) Fertilizers	%	182A	
(13) Chemical products (except fertilizers)	%	183C	
(14) Petroleum and petroleum products	%	184F	
(15) Cement, concrete and concrete products	%	185J	
(16) Motor cars	%	186K	
(17) Iron and steel and metal manufactures	%	187L	
(18) Other manufactured goods	%	188R	
(19) Other (<i>please specify</i>)	%	189T	
	100%		

SECTION I—ACCIDENTS

28. Has this vehicle been involved in any accidents on roads or other public thoroughfares in which ANY vehicles were damaged or ANY persons killed or injured (i.e. required medical or surgical treatment) during that period of the twelve months ended 30 September 1979 for which you were the registered owner?	1 <input type="checkbox"/> YES (<i>Continue next question</i>)	67V	
	2 <input type="checkbox"/> NO (<i>Go to Q. 31</i>)		
29. In how many accidents was this vehicle involved?	..... (number)	68W	
30. How many of these accidents resulted in death or injury to any persons involved?	..... (number)	69X	

SECTION J—PASSENGERS

31. Of the total distance travelled by this vehicle during that period of the twelve months ended 30 September 1979 for which you were the registered owner, please estimate the percentage travelled with the following number of occupants.

Note: For the definition of Capital City and Environs, see Question 18.

- Driver only
- 1 Passenger
- 2 Passengers
- 3 Passengers
- 4 Passengers
- 5 or more Passengers

Office use	Capital City and Environs	Office use	Other (including interstate)
70J	%	76W	%
71K	%	77X	%
72L	%	78A	%
73R	%	79C	%
74T	%	80L	%
75V	%	81R	%
	100%		100%

SECTION K—REMARKS

32. Brief comments would be appreciated on any special features relating to the information you have supplied in response to any of the questions on this form.

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Particulars of person completing this form or person who can be contacted if any queries arise regarding this return.

Name :
(BLOCK LETTERS)

Signature :

Telephone No. :

Date : 1979

Telephone Exchange :