

Collected under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S19.
Si vous préférez recevoir ce carnet de bord en frapçais, vexillez nous contacter au numéro de téléphone indiqué ci-dessous.

## Survey Objective

The purpose of the survey is <to help Transport Canada and Natural Resources Canada improve road safety., monitor fuel consumption and deal with the impact of vehicle usage on the environment. The information you give us will be combined with other data already available to provide a better understanding of vehicte usage, safety issues, and fuel purchases. The information you are asked toprovide in this log covers:

- Start and end tirme ofeach trip - to see when traffic is on the road.
- Odometer readingss for each trip - to measure distance travelled.
- Origin ofeach trip - to see why people are travelling.
- Number and age of passengers on each trip and types of roads driven - to provide information related to safety.
Driver's sex and age - to obtain a profile of drivers.
- Euel purchases - to monitor fuel consumption.


## For more background information about specific questions, please see pages 20 and 21.

## Reporting procedure

Please begin completing this log on the start date shown on the label on page 2.

Please continue to complete the log until the stop date shown on the label.
If you finish recording 20 trips and 2 fill-ups (or 5 fuel purchases) before the stop date, please return the log at that point.

## Thank you very much for your cooperation.

## Place label here



While participation in this survey is voluntary, your co-operation is very important.


## Instructions for Completing the Log

Listed below are the instructions for completing the log. Please read them carefully and if you have any questions, contact us at the toll-free number shown on the front cover.

Please record the first 20 trips you make, using the identified vehicle, during the four week reporting period shown on the label on page 2. Please also record any fuel purchases made during that four week period on pages 22 and 23.

Once (1) you have recorded 20 trips and 2 fuel fill-ups or (2) the four week period is over, please mail back your completed log.

## Odometer

The odometer is the instrument on the front dash or panel of your vehicle which measures the distance that your vehicle has been driven to date.

## Odometer Reading

Provide the odometer reading at the beginning and at the end of each trip to the nearest kilometre. It is not necessary to repgrt the tenths.

## Trip

A trip is defined as your travel from one locationto another. Report a separate trip each time:

- the driver gets in the vehicle


## or

- any passenger gets in or out of the vehicle

Trip start (origin oftrip)
Most of the places are self explanatory but a few require explanation.
Someone else's homecal be the home of your passenger, the babysitter, a friend or a relative - any home other than your own.

Driver's regunaryorkplace is the driver's usual place of work.
Another workplace should be used when you are working somewhere other than your usualyworkplace or driving from someone else's workplace.

Sckoor can be used to indicate either the driver's school or the passenger's sehool. (School should be used for students only, not for employees at the sehool)

Medical/dental facility includes any facility related to health, such as labs and physiotherapy centre.

Leisure/entertainment/recreational facility is a very broad category and includes restaurants, hotels, gyms, movie theatres, facilities holding sporting events or sporting activities or any place dealing with your or your passenger's leisure time.

Gas station/rest-stop should be used when you purchase fuel, make use of rest-stop facilities or stop for a break during a trip.

## Driving as part of the job

This includes service calls, sales calls, deliveries and pick ups, as well as business trips. Taxis are also in this group. If you are driving this vehicle as part of your job and if you make many stops, you can report that as one trip. Please see example 2 if you are driving as part of the job and make many stops.

## Trip stop - Final destination

We will use the origin of one trip to determine the destination of the previous trip. In order to have the destination of your final trip, please make sure to complete the final trip on page 18.

## Fuel

In order to calculate fuel consumption, it is important to have 2 fuel fill-ups (tank is full after fuel purchase). If you do not fill up the tank twice during the reporting period, please record 5 fuel purchases.

If you purchase fuel, please record the purchase on pages 22 and 23.

## Dates Not in Use

For trip purposes, if this vehicle was not "in use" during the 28 day reporting period, please provide the date(s) below.
1.

2.

3.


5.

6.

7.
check here if this vehicle was not in use for more than 7 days out of the 28 day reporting period shown on page 2.check here if this vehicle was not in use for all 28 days of the reporting period.

## Odometer Reading and Fuei Gauge



## Note:



## Examples for Completing the Log

The completed trips, for these examples, are on pages 6 and 7.

Example 1 - Travel to work with stops and a change of passenger

John is a male driver who is 36 years old. On September 8, John and his wife (who is 32 years old) leave their home at 7:05 a.m. to go to work (he should enter 1 passenger in the box beside age group 25 to 34 in Question 3).

On the way, they stop to fill up the car with $\$ 22.00$ of gas and pick up a coffee. John then stops to drop his wife off at her office and arrives at his work at 7:55 a.m.

The odometer read 74,836 kißnetres when they left home; 74,842 when they stopped for coffee, 74,851 when John dropped his wife off and 74,861 kilometres when John arrived at work. They drove 7 kilometres $\partial n$ roads with posted speed limits of $80 \mathrm{~km} / \mathrm{h}$ or prore between when they stopped for coffee and when Johr dropped Kis wife off.

This would beconsidered as three trips: home to gas station, gas station to wife's office and wife's office to John's office. The completed trips for this example are on pages 6 and 7. The completed fuel purchase information is on pages 22 and 23.

Example 2 - Many stops while driving as part of the job
On July 8, Sam, a 25 year old deliveryman, drives to work using his own car. Then he drives a delivery van, which is the vehicle chosen for the survey.

When he gets in his delivery van at 7:30 a.m., the odometer reading is 82,456 kilometres. During the day, he delivers bakery products to many stores within the city.

At 4:00 p.m., he returns to the bakery, and then takes his car home. The odometer of the delivery van at the end of the day
 reads 82,570 kilometres.

The driving Sam did using the van can be reported as one trip since he made many stops throughout the day AS PART OF HIS JOB. Sam does not report his trip to and from his workplace since he was not driving the vehicle chosen for the survey. The completed trip for this example is on page 7.

For a written description of these examples please see the "flip-out" page.


Example 1 - Trip 3

1. Date / Time trip started:

2. Odometer reading at start:

3. Number of passengers (excluding driver) in each age group.


## Example 2

1. Date / Time trip started:
2. Odometer reading at start:

3. Number of passengers (excluding
driver) in each age group.
Check "none" if there are no passengers.

4. Where did this trip start? (check one place only)


Driver's homeSomeone else's homeDriver's regular workplace
Another workplace
School/day careShopping centrembankother place of personalkusinessMedical/dental facicility
OLeisure/entertainment recreatión allfacilityGasstation/kestr-stop
Oother (plezse specify)
5. Was this trim part of the driver's
(iot (example: deliveries,
$\checkmark$ (service)calls)?
$\varnothing$ No
Date / Time trip ended:


4 Where díd this trip start?
(toheck one place only)
Driver's home
Someone else's home
(1) Driver's regular workplace

Another workplace
School/day care
Shopping centre/bank/other place of personal businessMedical/dental facility
Leisure/entertainment/ recreational facilityGas station/rest-stop
$\bigcirc$ Other (please specify)
5. Was this trip part of the driver's job (example: deliveries, service calls)?
© Yes ○ No
6. Date / Time trip ended:

7. Odometer reading at end:

8. Driver's sex
(1) Male
Ofemale
9. Driver's age group

| $\bigcirc$ under 20 years | $\bigcirc 55$ to 64 years |
| :--- | :---: |
| 20 to 24 years | $\bigcirc 65$ to 74 years |
| 25 to 34 years | $\bigcirc 75$ to 84 years |
| 35 to 44 years | On years <br> 45 to 54 years <br> and over |

10. Did you travel on any roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( 50 m.p.h.) or more during this trip? posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( 50 m.p.h.) or more during this trip?

$$
\begin{aligned}
& {\left[\begin{array}{l}
\text { Yes } \bigcirc \\
\text { If yes, what was the estimated } \\
\text { distance travelled on roads with } \\
\text { posted speeds of } 80 \mathrm{~km} / \mathrm{h} \\
\text { or more during this trip? } \\
\text { or }
\end{array}\right.} \\
& \hline \text { 1/p.h.) } \\
& \text { 11. Did you purchase fuel during this trip? } \\
& \text { Yes, record purchase on page } 22 \text {. } \\
& \text { (1) No } \\
& \hline
\end{aligned}
$$

11. Did you purchase fuel during this trip?
$\bigcirc$ Yes, record purchase on page 22.
(1) No


Beginning with the date on the label on page 2 of this log - please complete the trip portion of the log for 20 trips and the fuel portion of the log for two fill-ups or five fuel purchases.

What if this vehicle isn't used much or at all?

This survey wants to measure how much Canadians are using or not using their yekictes.

For our studies - a ehigle not in use is just as important as one that is.

Days that the vekicle is not in use should be recorded on page 5.

Please mail back this log if you no longer own this vericte.

All kilometres or miles travelled until the final trip on page 18 or the stop date, which ever comes first, should be accounted for.

A new trip should be started each time

1. The driver gets in the vehicle or
2. Any passenger gets in or out of the vehicle

For examples of different trip situations, please see pages 6 and 7 .

Q11. Any fuel purchases? | Please record |
| :--- |
| fuel purchases |
| on pages 22 |
| and 23. |

## Mailing Instructions:

When log is completed, please remove paper strip on outer flap, fold flap and seal onto the back cover - then mail.

Thank you very much for your time and participation.

Questions? Please see instructions on page 4 and examples on pages 6 and 7 .


Trip 3

2. Odometer reading at start:

3. Number of passengers (excluding driver) in each age group.
Check "none" if there are no passengers.
None


Trip 4

1. Date / Time trip started:

2. Odometer reading at start:

3. Number of passengers (excluding driver) in each age group.
Check "none" if there are no passengers.

## None


4. Where did this trip start? (check one place only)
Odris
Driver's homeSomeone else's homeDriver's regular workplace
Another workplaceSchool/day careShopping centrekpankother place of personalikusinessMedical/dental facilityLeisure/eptertainment recreation alfacikityGas_station/esty-stop
$\bigcirc$
gther (pleesse specify)
5. Was thistrip part of the driver's
(job (example: deliveries,
(service calls)?


## 4. Where did this trip start?

(toheck one place only)
Driver's home
Someone else's home
Driver's regular workplace
Another workplace
School/day care
Shopping centre/bank/other place of personal businessMedical/dental facility
Leisure/entertainment/ recreational facilityGas station/rest-stop
Other (please specify) $\qquad$
5. Was this trip part of the driver's job (example: deliveries, service calls)?
OYes
O No
6. Date / Time trip ended:

7. Odometer reading at end:

8. Driver's sex

OMale
OFemale
9. Driver's age group

| $\bigcirc$ under 20 years | $\bigcirc 55$ to 64 years |
| :--- | :---: |
| 20 to 24 years | $\bigcirc 65$ to 74 years |
| 25 to 34 years | $\bigcirc 75$ to 84 years |
| 35 to 44 years | 〇 85 years |
| 45 to 54 years | and over |

10. Did you travel on any roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( 50 m.p.h.) or more during this trip? posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( 50 m.p.h.) or more during this trip?
-Yes $\bigcirc$
No $\square$
If yes, what was the estimated distance travelled on roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ (50 m.p.h.) or more during this trip?


 O No
$\rightarrow$ If yes, what was the estimated distance travelled on roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( $50 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. ) or more during this trip?

|  |  |
| :--- | :--- |
|  | $\bigcirc \mathrm{km}$ |

11. Did you purchase fuel during this trip?
$\bigcirc$ Yes, record purchase on page 22
$\bigcirc \mathrm{No}$

Questions? Please see instructions on page 4 and examples on pages 6 and 7 .


Trip 7

2. Odometer reading at start:

3. Number of passengers (excluding driver) in each age group.
Check "none" if there are no passengers.
None


Trip 8

4. Where did this trip start? (check one place only)
Odris
Driver's homeSomeone else's homeDriver's regular workplace
Another workplace


School/day careShopping centreboankother place of personalikusiness
 Medical/dental facilityLeisure/entertainment recreation alfacikityGas_station/esty-stoppther (plesse specify)
5. Was thistrip part of the driver's
(job (example: deliveries,
(service)calls)?
Medical/dental facility
Leisure/entertainment/ recreational facilityGas station/rest-stop
Other (please specify) $\qquad$
5. Was this trip part of the driver's job (example: deliveries, service calls)?
〇Yes
Ono
6. Date / Time trip ended:

Date / Time trip ended:

7. Odometer reading at end:

8. Driver's sex
Male
Female
9. Driver's age group

| $\bigcirc$ under 20 years | $\bigcirc 55$ to 64 years |
| :--- | :---: |
| 20 to 24 years | $\bigcirc 65$ to 74 years |
| 25 to 34 years | $\bigcirc 75$ to 84 years |
| 35 to 44 years | 〇 85 years |
| 45 to 54 years | and over |

10. Did you travel on any roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( 50 m.p.h.) or more during this trip?
11. Did you travel on any roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( 50 m.p.h.) or more during this trip?
-Yes $\bigcirc$
No $\square$
If yes, what was the estimated distance travelled on roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( $50 \mathrm{~m} . \mathrm{p} . \mathrm{h}$.) or more during this trip?


$\square$ No
$\rightarrow$ If yes, what was the estimated distance travelled on roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( $50 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. ) or more during this trip?

|  |  |
| :--- | :--- |
|  | $\bigcirc \mathrm{km}$ |

11. Did you purchase fuel during this trip?
$\bigcirc$ Yes, record purchase on page 22.
$\bigcirc \mathrm{No}$

Questions? Please see instructions on page 4 and examples on pages 6 and 7 .


Trip 11


2．Odometer reading at start：


3．Number of passengers（excluding driver）in each age group．
Check＂none＂if there are no passengers．
None


Trip 12
1．Date／Time trip started：


2．Odometer reading at start：


3．Number of passengers（excluding driver）in each age group．
Check＂none＂if there are no passengers．

## None



4．Where did this trip start？ （check one place only）
Odris
Driver＇s homeSomeone else＇s homeDriver＇s regular workplace
Another workplace


School／day careShopping centrekpankother place of persanalikusiness
 Medical／dental facility
Leisure／entertainnent recreationalfacilityGas station／kestystop
$\bigcirc$
pther（plesse specify）
5．Was thistrip part of the driver＇s
（job（example：deliveries，
（service $c a l l s$ ）？


## 4 Where did this trip start？

（oherk 年e place only）
Driver＇s home
Someone else＇s home
Driver＇s regular workplace
Another workplace
School／day care
Shopping centre／bank／other place of personal businessMedical／dental facility
Leisure／entertainment／ recreational facilityGas station／rest－stop
Other（please specify） $\qquad$
5．Was this trip part of the driver＇s job（example：deliveries， service calls）？
〇Yes
Ono

6．Date／Time trip ended：


7．Odometer reading at end：


8．Driver＇s sex
OMale
Female

9．Driver＇s age group

| $\bigcirc$ under 20 years | $\bigcirc 55$ to 64 years |
| :--- | :---: |
| 20 to 24 years | 〇 to 74 years |
| 25 to 34 years | 〇 75 to 84 years |
| 35 to 44 years | 85 years <br> 45 to 54 years |
| and over |  |

10．Did you travel on any roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ （ 50 m．p．h．）or more during this trip？ posted speeds of $80 \mathrm{~km} / \mathrm{h}$ （ 50 m．p．h．）or more during this trip？
－Yes $\bigcirc$
No $\square$
If yes，what was the estimated distance travelled on roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$（50 m．p．h．） or more during this trip？


 O No
$\rightarrow$ If yes，what was the estimated distance travelled on roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$（ $50 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. ） or more during this trip？

|  |  |
| :--- | :--- |
|  | $\bigcirc \mathrm{km}$ |

11．Did you purchase fuel during this trip？
$\bigcirc$ Yes，record purchase on page 22.
$\bigcirc \mathrm{No}$

Questions? Please see instructions on page 4 and examples on pages 6 and 7 .


Trip 15

2. Odometer reading at start:

3. Number of passengers (excluding driver) in each age group.
Check "none" if there are no passengers.
None


Trip 16

1. Date / Time trip started:

2. Odometer reading at start:

3. Number of passengers (excluding driver) in each age group.
Check "none" if there are no passengers.

## None


4. Where did this trip start? (check one place only)
Odr
river's homeSomeone else's homeDriver's regular workplace
Another workplace


School/day careShopping centrebsankother place of persanalkuusiness
 Medical/dental facility
O Leisure/entertainmenty recreation alffacilityGas station
O other (pelesse specify)
5. Was thistrip part of the driver's
jobl (example: deliveries,
(service calls)?

4. Where did this trip start?
robeck pne place only)
Driver's home
Someone else's home
O Driver's regular workplace
Another workplace
School/day care
Shopping centre/bank/other place of personal businessMedical/dental facility
Leisure/entertainment/ recreational facilityGas station/rest-stop
Other (please specify) $\qquad$
5. Was this trip part of the driver's job (example: deliveries, service calls)?
〇Yes
Ono
6. Date / Time trip ended:

7. Odometer reading at end:

8. Driver's sex

OMale
Female
9. Driver's age group

| $\bigcirc$ under 20 years | $\bigcirc 55$ to 64 years |
| :--- | :---: |
| 20 to 24 years | $\bigcirc 65$ to 74 years |
| 25 to 34 years | $\bigcirc 75$ to 84 years |
| 35 to 44 years | 85 years <br> 45 to 54 years |
| and over |  |

10. Did you travel on any roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( 50 m.p.h.) or more during this trip? posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( 50 m.p.h.) or more during this trip?
-Yes $\bigcirc$
No $\square$
If yes, what was the estimated distance travelled on roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ (50 m.p.h.) or more during this trip?


 O No
$\rightarrow$ If yes, what was the estimated distance travelled on roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( $50 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. ) or more during this trip?

|  |  |
| :--- | :--- |
|  | $\bigcirc \mathrm{km}$ |

11. Did you purchase fuel during this trip?
$\bigcirc$ Yes, record purchase on page 22.
$\bigcirc$ No
NoYes, record purchase on page 22
No

Questions? Please see instructions on page 4 and examples on pages 6 and 7 .


Trip 19

1. Date / Time trip started:

2. Odometer reading at start:

3. Number of passengers (excluding driver) in each age group. Check "none" if there are no passengers.
None

4. Where did this trip start?
(check one place only)
Driver's homeSomeone else's homeDriver's regular workplace
Another workplace
School/day careShopping centrempankother place of personalkusinessMedical/dent al facilityLeisure/entertainment recreation alffacixityGasstation/kestr-stopother rpreqse specify)
5. Was this trip part of the driver's

Doh? (example: deliveries,
service calls)?
Q Yes $\qquad$ O No


Date / Time trip ended:
date

$\square$ $:$〇a.m.
〇p.m.
$24 h r$
7. Odometer reading at end:

8. Driver's sex

## Male

9. Driver's age group

| $\bigcirc$ under 20 years | $\bigcirc 55$ to 64 years |
| :--- | :---: |
| 20 to 24 years | $\bigcirc 65$ to 74 years |
| $\bigcirc 25$ to 34 years | $\bigcirc 75$ to 84 years |
| 35 to 44 years | $\bigcirc 85$ years |
| 45 to 54 years | and over |

10. Did you travel on any roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$
( 50 m.p.h.) or more during this trip?


No $\square$
$\rightarrow$ If yes, what was the estimated distance travelled on roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$ ( $50 \mathrm{~m} . \mathrm{p} . \mathrm{h}$.) or more during this trip?

11. Did you purchase fuel during this trip?
$\bigcirc$ Yes, record purchase on page 22.
O No

Please continue to the next page to record

Questions? Please see instructions on page 4 and examples on pages 6 and 7 .

## Final Trip

1. Date / Time trip started:

2. Odometer reading at start:

3. Number of passengers (excluding driver) in each age group.
Check "none" if there are no passengers.


4a. Where did this trip start? (check one place only)


Driver's homeSomeone else's homeDriver's regular workplaAnother workplace
School/day careShopping centrelbank/dther) place of personakbusikess


4b. Where did this trip end?


Medical/dental facility
oneck Dne place only)
Driver's homeSomeone else's home
Driver's regular workplace
Another workplace
School/day care
Shopping centre/bank/other place of personal businessLeisure/entertainment/Medical/dental facilityrecreational facilityLeisure/entertainment/Gas station rest-stop
$\qquad$ recreational facilityGas station/rest-stop
Opther Kplease specify)Other (please specify) $\qquad$
5. Was this trip part of the driver's
$\sqrt{\text { job (exanple: deliveries, }}$
service calls)?
QYes Ono
Date / Time trip ended:

date

a.m ○p.m. $24 h r$
7. Odometer reading at end:

8. Driver's sex

Male
Female
9. Driver's age group

| der 20 years | 55 to 64 years |
| :---: | :---: |
| 20 to 24 years | 65 to 74 years |
| 25 to 34 years | 75 to 84 years |
| 35 to 44 years | $\bigcirc 85$ years |
| 45 to 54 year | and over |

10. Did you travel on any roads with posted speeds of $80 \mathrm{~km} / \mathrm{h}$
( 50 m.p.h.) or more during this trip?

11. Did you purchase fuel during this trip?

Yes, record purchase on page 22.
No


## Detailed Information For Your Interest

## Purpose of the survey

It is the goal of this survey to provide annual estimates of vehicle usage and fuel consumption. Transport Canada and Natural Resources Canada sponsor the survey and use the information in conjunction with other data to monitor how vehicle use changes over time and how use affects safety, fuel consumption and the environment. The results are also the prime source of road vehicle use information for researchers and interested members of the public. Prior to this survey, there was no valid, comprehensive source for this information in Canada, even though about ninety percent of all travel in Canada is by road.

## Why this vehicle was chosen

Your vehicle was one of those that was selected in youn prdvince/territory so that we can find out how you use it over the stated time period. To save money, we are keeping the number of vehicles sampled to a minimum, so it is important that we get your response. Your respense is not analysed in any way that identifies you or your vehicle - it is only usefulto us when combined with all the other responses. We get a representative picture by picking vehicles at random from the official vehicle registration files, in order to cover the entire country and all types of vehicles and we cover the whole year by picking new ones every week. Once the cornpeted forms are returned, we combine them to build a profile of the average kildmetres for vehicles during the year, then multiply the average by the total number of registered vehicles in the country to obtain total kilometres in the year
The profile create from the sample includes average kilometres per vehicle for each day of the week and each hour within the day, by sex and age group of drivers, by trip purpose, and by highways and other roads. Each of these characteristios is then multiplied by the total number of vehicles to obtain the total vehic e-kilometres during the year in each group.

The recorded number of passengers for each trip is used to calculate vehicle occupancy, which is multiplied by vehicle-kilometres to give the total person-kilometres of travel in a year. "Person-kilometres" is the main measure ysed to compare travel by different means of transport - for example the extent of gar travel versus travel by plane, train, intercity bus or urban transit.

## How we use each question

Questions 2 and 7 are the most important of all, allowing us to know the kilometres traveled each trip and the total traveled by the vehicle during the survey days. These are essential to calculate the amount of travel in the country each year.

Questions 1 and 6 tell us when trips start and finish, so we can show, for example, how much travel is on weekdays compared to weekends, in the morning and evening rush-hours compared to the middle of the day, or in the middle of the night. These data can be used to show how staggered working hours are spreading the peaks, whether Sunday shopping is shifting traffic from weekdays, whether changes in night-time accidents involving alcohol are partly due to changes in night-time traffic and so on. These questions also give us the trip duration in hours and minutes, which helps us determine how much of total travel is made up of very short local trips and how much of long intercity trips.

## Detailed Information For Your Interest

Question 3 asks for the number of passengers carried, excluding the driver, which lets us calculate vehicle occupancy. The details of passengers by age-group are primarily for safety analyses. By multiplying the number of passengers carried by vehicle-kilometres we produce person-kilometres, the best indicator of the extent of personal travel, and its breakdown by time of day, trip purpose, etc. This information allows for comparisons of car travel to travel by public transport - showing for instance, how the share of total long-distance travel by plane is rising, while shares by train and intercity bus are declining; or how the share of short-distance travel by public transit is declining. Average occupancies by type of vehicle, trip purpose and time of day are very important for measuring trends in congestion, fuel consumption and vehicle emissions.

Questions 4 and 5 deal with trip purpose. They tell us why you are travelling by road, useful information for those who are involved with use, public transit and air, bus and rail services. The answers let us know, whether leisure travel is growing faster than computing, ordwhether people are travelling longer distances to do their shopping.

Questions 8 and 9 ask the driver's sex and age group, particularly for computation of accident rates by each group. The age categories listed are those normally used by safety agencies in gompiling accident reports, so the estimates of kilometres traveled by age group can be combined with records of accident involvement to give accidents pekvehicle-kilometre.

Question 10 attempts to distirguishbetween travel on urban streets, and that on highways or in rural conditions. We are attempting to do this by asking you how much of each trip is 0 roads with posted speed limits of $80 \mathrm{~km} / \mathrm{h}$ or more, which we will use asan approximation of highway or rural conditions. This is an important distinctionsince safety, fuel consumption and emissions differ greatly between urban streets, and highways or rural conditions. But it is a difficult distinction to make becayse people often don't know whether they are in an urban or a rural Ore a, or whether the road they are on is classified as a street or a highway. The dlearest difference that most people are aware of is the speed limit. If course, we realise many drivers will not know exactly how many kilometres theydrive on roads with posted speed limits of $80 \mathrm{~km} / \mathrm{h}$ or more duning a trip, so we expect only the best approximate answer the driver is able teprovide.
Question 11 asks if any fuel was purchased during the trip. The answers will be used to calculate fuel consumption in order to monitor trends in fuel use. The best way to calculate the fuel consumption is to have the odometer reading and amount of fuel purchased for 2 fill-ups (fuel tank is full after the fuel purchase). So, if possible, please provide information for 2 fill-ups on the following pages. Without 2 fill-ups, it is possible to estimate fuel consumption by knowing the odometer reading and quantity of fuel purchased on several occasions, which is why we ask for all purchases you make in 4 weeks up to a maximum of 5 purchases if you are unable to provide 2 fill-ups.

Comments about the log



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