

DUNEDIN MULTIDISCIPLINARY HEALTH & DEVELOPMENT STUDY (1998)

Phase XXVI
Road Safety Issues

FIRST NAME: _____

ID

1-4

Date of interview(dd/mm/yy)

5-10

Introduction:

This is a confidential interview covering several topics to do with road safety, such as day-to-day travel on the road, accidents, crashes, seatbelt use, and speeding. Then we will cover alcohol, marijuana, and driving, and this last section will include looking at one particular event in some detail. Are you happy to start?

Day to Day Travel: (circle response given) [SHOW CARD 1]

During a typical week how far do you:

TE1 drive a car (or similar vehicle)

Not at all 0 kms 1 11-50 kms 2 51-100 kms 3 101-200 kms 4 >200 kms 5 11

TE2 travel as a passenger in a car (or similar vehicle)

Not at all 0 kms 1 11-50 kms 2 51-100 kms 3 101-200 kms 4 >200 kms 5 12

TE3 ride a motorcycle

Not at all 0 kms 1 11-50 kms 2 51-100 kms 3 101-200 kms 4 >200 kms 5 13

TE4 ride as a pillion on a motorcycle

Not at all 0 kms 1 11-50 kms 2 51-100 kms 3 101-200 kms 4 >200 kms 5 14

TE5 drive a heavy truck

Not at all 0 kms 1 2 11-50 kms 3 51-100 kms 4 101-200 kms 5 >200 kms 15

TE6 drive a bus

Not at all 0 kms 1 11-50 kms 2 51-100 kms 3 101-200 kms 4 >200 kms 5 16

Crashes:

We will start with crashes involving injury

In the past five years, (since you were 21 years old), have you been involved in any motor vehicle accidents or crashes:

[SHOW CARD 2]

- someone was injured and required medical attention from a doctor, dentist, nurse, at hospital (includes A&E), or other emergency services.
- that occurred on a public road, i.e. a road that any member of the public can drive on (not car park, service station forecourt etc)
- includes all motor vehicles e.g. motorcycles, cars, vans, light trucks, utes etc

How many crashes or accidents have you been involved in

For each crash ask the following questions and record the responses in the matrix on the next page:

1. **Did it happen on a public road** (i.e. a road on which any member of the public can drive).

Must be Yes.. otherwise do not record this crash.

What was the speed limit on this road

1...50 Kph 2...70 Kph 3...100 Kph 6...Other 7...DK

2. **What type of vehicle were you in/on**

1...Car/van 2...Motorcycle 3...Heavy Truck 4...Bus 6...Other

3. **Were you a driver or a passenger**

1...Driver 2...Passenger

4. **How many people were in/on the vehicle**

Record Number

5. **Who was injured badly enough so that they needed to be checked out by a doctor/dentist etc**

1...Self

2...Others

3...Self and others

6. What day of the week was it

1...Mon-Thurs

2...Fri

3...Sat

4...Sun

7...DK

7. What time of day

24 hour clock (e.g. 11 pm to 2300)

8. Was alcohol a contributing factor in this crash

1...Yes (*see below*)

2...No

7...DK

If Yes.... ask: Who had been drinking

9. Driver of own car... 1

Driver of other car... 2 Both Drivers... 3

Passengers... 4

10. Was speed a factor in this crash

1...Yes

2...No

7...DK

11. Were you wearing a seatbelt/crash helmet at the time of this crash

1...Yes

2...No

7...DK

12. Were there any other factors that you think contributed to this crash occurring

(Record comments)

Injury Crashes

Crash No.	Speed Limit	Vehicle Type	Driver/ passenger	No. in vehicle	Who injured*	Day of week
#1						
#2						
#3						
#4						

* check that they were medically attended injuries

OTHER CRASHES:

In the last **one year (i.e. 12 months)** have you been in:

- any other traffic incidents, such as a crash or accident
- that occurred on a public road
- involved some property damage e.g. vehicle damage

Have you been in any of these type of crashes

Crash No.	Speed Limit	Vehicle Type	Driver/ passenger	No. in vehicle	Day of week	Time of day	Alcohol involved	Speed involved
#1								
#2								
#3								
#4								
#5								
#6								

OTHER DRIVING:

The next few questions are about some driving situations - it includes driving any motor vehicle such as a car, a motorbike.

How often do you:

RD1: drive fast just for the thrill of it

never rarely occasionally fairly often often not applicable (i.e. don't drive)
0 1 2 3 4 8

32

RD2: take some risks when driving because it makes driving more fun

never rarely occasionally fairly often often not applicable (i.e. don't drive)
0 1 2 3 4 8

33

RD3: drive faster than 120 kph on the open road

never rarely occasionally fairly often often not applicable (i.e. don't drive)
0 1 2 3 4 8

34

RD4: overtake when there is a solid yellow line on your side of the road

never rarely occasionally fairly often often not applicable (i.e. don't drive)
0 1 2 3 4 8

35

RD5: speed up if someone is trying to pass you

never rarely occasionally fairly often often not applicable (i.e. don't drive)
0 1 2 3 4 8

36

RD6: follow very close behind slower drivers

never rarely occasionally fairly often often not applicable (i.e. don't drive)
0 1 2 3 4 8

37

RD7: go through a red traffic light

never rarely occasionally fairly often often not applicable (i.e. don't drive)

0 1 2 3 4 8

38

RD8: make rude gestures at other drivers

never rarely occasionally fairly often often not applicable (i.e. don't drive)

0 1 2 3 4 8

39

RD9: honk your horn or flash your lights (in anger) at other drivers

never rarely occasionally fairly often often not applicable (i.e. don't drive)

0 1 2 3 4 8

RD10: Compared to other drivers how fast do you usually drive on the open road?

much faster a little faster about the same a little slower much slower

0 1 2 3 4⁴¹

RD11: Compared to other drivers how fast do you usually drive in built-up areas?

much faster a little faster about the same a little slower much slower

0 1 2 3 4

42

RD12: Compared to other drivers how do you rate your driving ability?

much better a little better about the same a little worse much worse

0 1 2 3 4

43

RD13: Have you ever been disqualified from driving a motor vehicle? (i.e. 'lost' your licence)?

Yes (ask how many times)

00...No

77...DK

Number of times

.....

44-45

RD14: How many times did you drive while disqualified from driving?

Number of times

46-47

THRILL-SEEKING:

Let's assume you have been given free tickets to take part in the following thrill-seeking experiences:

How likely would you be to take advantage of this free opportunity to:

bungy jump

not at all likely <input type="checkbox"/>	not very likely <input type="checkbox"/>	somewhat likely <input type="checkbox"/>	quite likely <input type="checkbox"/>	very likely <input type="checkbox"/>
0	1	2	3	4

48

sky dive

not at all likely <input type="checkbox"/>	not very likely <input type="checkbox"/>	somewhat likely <input type="checkbox"/>	quite likely <input type="checkbox"/>	very likely <input type="checkbox"/>
0	1	2	3	4

49

rafting

not at all likely <input type="checkbox"/>	not very likely <input type="checkbox"/>	somewhat likely <input type="checkbox"/>	quite likely <input type="checkbox"/>	very likely <input type="checkbox"/>
0	1	2	3	4

50

hang-gliding

not at all likely <input type="checkbox"/>	not very likely <input type="checkbox"/>	somewhat likely <input type="checkbox"/>	quite likely <input type="checkbox"/>	very likely <input type="checkbox"/>
0	1	2	3	4

51

roller coaster

not at all likely <input type="checkbox"/>	not very likely <input type="checkbox"/>	somewhat likely <input type="checkbox"/>	quite likely <input type="checkbox"/>	very likely <input type="checkbox"/>
0	1	2	3	4

52

ALCOHOL:

This section deals with alcohol, marijuana and driving.

There are a few questions first about drink-driving etc and then we go on to a specific incident.

Ask all questions A1-A6

- A1: In the **past month** (30 days) how many times have you driven a car within 2 hours of drinking (alcohol) (record number).....
- A2: On how many of these occasions do you think that you had perhaps too much to drink to be able to drive safely (record number).....
- A3: [In the **past month** (30 days)] how many time have you driven a car within 2 hours of using marijuana (record number).....
- A4: On how many of these occasions do you think that perhaps you were unable to drive safely (record number).....
- A5: [In the past month (30 days)] how many times have you been a passenger in a vehicle where the driver had been drinking alcohol in the previous two hours? (record number).....
- A6: On how many of these occasions do you think that the driver had perhaps had too much to drink to be able to drive safely (record number).....
- A7: [In the past month (30 days)] have you been a passenger in a vehicle where the driver had been using marijuana in the previous two hours? (record number).....
- A8: On how many of these occasions do you think that perhaps the driver was unable to drive safely (record number).....