APPENDICES 1-9
by
DRINKING BY MOTORISTS

SWOV (P.C. Noordzij, A.A. Vis and J.A.G. Mulder)
Publication 1977-2E
SWOV, Voorburg, 1977

R-77-44

Institute for Road Safety Research SWOV, The Netherlands

#### CONTENTS

- Appendix 1. Towns, days and dates of surveys 1970 to 1974
- Appendix 2. Towns, days and dates of surveys 1975 and the movement schedule 1975
- Appendix 3. Questionnaire 1970, 1971, 1973
- Appendix 4. Questionnaire 1975
- Appendix 5. Reweighting method and results of reweighting for 1971
- Appendix 6. Distribution of persons refusing and co-operating, by time, sex, age and nature and region of municipalities where surveys were made in 1971, 1973 and 1975
- Appendix 7. Relationship between weekend and BAC distribution in 1970, 1971, 1973 and 1975
- Appendix 8. Relationship between location, traffic density and BAC distribution in 1975
- Appendix 9. Statistical analysis: List of variables and results of statistical tests

Alichamar   Agar   Ag	No.	Municipality	1970			1971			1973			1974		
Alkmaar 16/10 26/9 1/11 15/10 25/9 31/10 19/10 29/9 - Amersfoort 13/11 12/9 27/9 12/11 11/9 26/9 - 15/9 30/9 Arnhem 6/11 24/10 13/9 5/11 23/10 12/9 - 27/9 12/11 11/9 26/9 - 15/9 30/9 Assen 9/10 31/10 27/9 8/10 24/10 12/9 24/10 13/9 24/10 12/9 24/10 13/9 24/10 - 29/9 28/10 Bearrn 6/11 26/9 25/10 5/11 25/9 24/10 - 29/9 28/10 Bererwijk 18/9 17/10 8/11 17/9 16/10 7/11 21/9 20/10 - 23/9 Delfzijl 23/10 26/9 8/10 6/11 19/9 12/10 - 23/9 24/10 Delfzijl 23/10 26/9 8/10 22/9 7/11 26/10 29/9 12/10 - 23/9 Delfzijl 23/10 26/9 8/10 22/10 19/9 12/10 25/9 7/11 22/10 22/9 7/11 13/9 24/9 6/11 12/9 28/9 - 16/10 23/9 Couda 25/9 14/11 18/10 24/9 6/11 12/9 28/9 - 15/9 14/11 18/10 24/9 13/11 12/9 24/9 6/11 12/9 28/9 - 15/9 14/11 18/10 24/9 13/11 12/9 28/9 - 15/9 14/11 18/10 12/9 13/11 12/9 24/9 6/11 12/9 28/9 - 15/9 14/11 18/10 12/9 13/11 12/9 14/1			day an	d date		day an	d date	ers a summertie - ingle i pietrum granders refere	day an	d date		day and	d date	
Alkemaar 16/10 26/9 1/11 15/10 25/9 31/10 26/9 - 15/9 30/9  Amersfoort 13/11 12/9 27/9 12/11 11/9 26/9 - 15/9 30/9  Arnhem 6/11 24/10 13/9 5/11 23/10 12/9 - 15/9 30/9  Assen 9/10 24/10 13/9 25/10 25/9 12/10 - 27/10 16/9  Baarn 6/11 26/9 25/10 5/11 25/9 24/10 - 29/9 28/10  Beverwijk 18/9 17/10 8/11 17/9 16/10 7/11 21/9 20/10 - 23/9  Dolfzijl 23/10 26/9 8/11 22/10 25/9 7/11 26/9 22/9 7/10  Emmen 13/11 24/10 20/9 12/11 24/10 29/10 13/9 - 21/9 24/9  Gouda 25/9 14/11 13/9 24/9 6/11 12/9 28/9 - 21/9 24/9  Harderwijk 18/9 14/11 25/10 11/9 13/10 24/10 24/10 24/9 13/11 12/9 28/9 - 21/10  Leeuwarden 25/9 14/11 18/10 24/9 13/11 12/9 28/9 - 21/10  Harderwijk 18/9 14/11 25/10 11/9 13/11 24/10 28/9 - 21/10  Maastricht 18/9 3/10 12/9 4/10 29/10 11/9 3/10 21/9 - 21/9  Maastricht 18/9 3/10 13/9 22/10 11/9 27/11 12/10 27/10 12/9  Maastricht 18/9 3/10 13/9 22/10 11/9 27/11 12/10 27/10 12/9  Maastricht 18/9 3/10 13/9 22/10 11/9 27/11 12/10 12/9 12/10 12/9  Oosterhout 30/10 12/9 4/10 13/9 22/10 12/9 12/11 12/10 12/9 12/10 12/9  Oosterhout 30/10 13/9 29/10 13/9 27/10 12/9 12/10 12/9 12/9 12/9 12/9 12/9 12/9 12/9 12/9			Fri.	Sat.	Sun.	Fri.	Sat.	Sun.	Fri.	Sat.	Sun.	Fri.	Sat.	Sun.
Amersfoort         13/11         12/9         27/9         12/11         11/9         26/9         -         15/9         30/9           Arnhem         6/11         24/10         13/9         5/11         23/10         12/9         -         15/9         9           Assen         9/10         31/10         27/9         8/10         30/10         12/9         -         27/10         16/9           Baarn         6/11         26/9         25/10         5/11         25/9         12/10         -         29/9         28/10         16/9           Breda         9/10         37/10         27/10         8/11         17/9         16/10         7/11         16/9         24/10         -         29/9         28/10           Breda         9/10         37/11         20/9         8/10         16/11         19/9         17/11         18/9         17/11         18/9         17/11         18/9         17/11         18/9         17/11         18/9         17/11         18/9         17/11         18/9         17/11         18/9         18/9         17/10         18/9         17/11         18/9         17/11         18/9         17/11         18/9         18/11	-	Alkmaar	16/10	56/9	1/11	15/10	25/9	31/10	19/10	29/6	I	t	23/11	10/11
Arnhem 6/11 24/10 13/9 5/11 23/10 12/9 – 27/10 16/9 Assen 9/10 31/10 27/9 8/10 26/9 12/10 – 39/9 30/10 Baarn 6/11 26/9 25/10 5/11 25/9 24/10 – 29/9 28/10 Baern 6/11 26/9 25/10 5/11 25/9 24/10 – 29/9 28/10 Breda 9/10 7/11 20/9 8/11 17/9 16/10 12/9 20/10 – 23/9 Delfzijl 23/10 26/9 8/11 22/10 25/9 7/11 26/10 29/9 – 23/9 Dordrecht 30/10 19/9 4/10 29/10 18/9 3/10 – 22/9 7/10 Emmen 13/11 24/10 20/9 12/11 2/10 31/10 – 21/9 7/10 Gorinchem 13/11 3/10 12/11 2/10 31/10 – 21/9 2/9 7/10 Haarlem 25/9 14/11 18/10 24/9 6/11 12/9 28/9 – 21/10 Harderwijk 18/9 14/11 25/10 11/9 3/10 24/9 6/11 22/9 28/9 – 28/10 Leeuwarden 2/10 17/10 15/11 1/0 18/10 24/10 29/10 11/9 2/10 2/9 – 15/9 7/10 Maastricht 18/9 3/10 15/11 1/10 16/10 14/11 2/10 2/9 6/10 – 15/9 7/10 Naaldwijk 9/10 12/9 4/10 29/10 14/11 12/9 2/10 2/9 6/10 12/9 6/10 2/9 2/9 1/9 1/9 1/9 1/9 1/9 1/9 1/9 1/9 1/9 1	2	Amersfoort	13/11	12/9	27/9	12/11	11/9	6/97	I	15/9	30/9	8/11	I	ı
Assen         9/10         31/10         27/9         8/10         30/10         26/9         12/10         27/9         8/10         30/10         26/9         12/10         6/11         25/9         24/10         -         29/9         28/10           Bearn         6/11         26/9         25/10         5/11         25/9         24/10         -         29/9         28/10           Breda         9/10         17/11         20/9         8/10         27/11         21/9         24/10         24/10         28/10         -         29/9         28/10           Dordrecht         30/10         19/9         4/10         22/10         27/9         1/11         22/10         22/9         7/11         21/10         22/9         7/10         22/9         7/10         22/9         7/10         22/9         7/10         22/9         7/10         23/9         7/10         23/9         7/10         23/9	က	Arnhem	6/11	24/10	13/9	5/11	23/10	12/9	I	27/10	16/9	ı	9/11	27/10
Baarn         6/11         26/9         25/10         5/11         25/9         24/10         —         29/9         28/10           Beverwijk         18/9         17/10         8/11         17/9         16/10         7/11         21/9         20/10         -         29/9         28/10           Breda         9/10         7/11         20/9         8/10         27/10         25/9         12/10         20/10         -         23/9           Dordrecht         30/10         19/9         4/10         29/10         18/9         17/1         26/10         29/9         7/10         29/9         7/10         20/9         7/11         20/10         20/9         7/11         20/10         20/9         7/11         20/10         20/9         7/11         20/10         20/9         7/11         20/10         20/9         20/9         20/9         7/11         20/9	4	Assen	9/10	31/10	27/9	8/10	30/10	56/9	12/10	ı	30/9	ı	9/11	ı
Beverwijk         18/9         17/10         8/11         17/9         16/10         7/11         21/9         20/10         -           Breda         9/10         7/11         20/9         8/10         6/11         19/9         12/10         -         23/9           Delfzijl         23/10         26/9         8/11         22/10         25/9         7/11         20/10         25/9         7/11         20/10         25/9         7/11         20/10         25/9         7/11         20/10         25/9         7/10         20/9	2	Baarn	6/11	56/9	25/10	5/11	25/9	24/10	J	29/9	28/10	I	1	ı
Breda         9/10         7/11         20/9         8/10         6/11         19/9         12/10         25/9         7/11         26/10         23/9           Dordrecht         30/10         18/9         4/10         22/10         18/9         7/11         22/10         25/9         7/11         22/9         7/10         29/9         7/11           Emmen         13/11         3/10         1/11         12/11         27/10         18/9         7/10         27/9         7/10           Govinchem         13/11         24/10         20/9         12/11         21/10         27/9         7/10         27/9         7/10           Gouda         25/9         7/11         13/9         24/9         6/11         12/9         28/9         -         6/10         23/9           Haarlem         25/9         14/11         18/10         24/9         13/11         17/10         28/9         -         16/9         17/10           Harlemdoorn         30/10         12/9         4/10         29/10         11/9         3/10         29/10         11/9         3/10         29/10         11/9         21/10         21/10         21/10         21/10         21/10	9	Beverwijk	18/9	17/10	8/11	17/9	16/10	7/11	21/9	20/10	I	I	I	10/11
Derfezijl 23/10 26/9 8/11 22/10 25/9 7/11 26/10 29/9 - Dordrecht 30/10 19/9 4/10 29/10 18/9 7/10 - 2 2/9 7/10  Emmen 13/11 3/10 1/11 12/11 2/10 31/10 - 6/10 23/9 7/10  Gorinchem 13/11 24/10 20/9 12/11 23/10 19/9 - 6/10 23/9  Gouda 25/9 7/11 13/9 24/9 6/11 12/9 28/9 - 6/10 23/9  Harderwijk 18/9 14/11 18/10 24/9 13/11 17/10 28/9 - 16/9  Hellendoorn 30/10 12/9 4/10 29/10 11/9 3/10 21/9 - 15/9 7/10  Leeuwarden 2/10 17/10 15/11 17/9 27/10 14/11 21/9 21/9 - 15/9 7/10  Maastricht 18/9 3/10 15/11 17/9 27/10 14/11 12/10 21/9 6/10 - 15/9  Naaldwijk 9/10 24/10 15/11 8/10 23/10 12/9 7/10 27/10 27/10 16/9  Oosterhout 30/10 10/10 13/9 24/10 18/9 3/10 22/9 1/10 16/9	7	Breda	9/10	7/11	20/9	8/10	6/11	19/9	12/10	1	23/9	1	26/10	24/11
Dordrecht         30/10         19/9         4/10         29/10         18/9         3/10         -         22/9         7/10           Emmen         13/11         3/10         1/11         12/11         2/10         31/10         -         6/10         -         6/10         -         6/10         -         6/10         -         6/10         -         6/10         -         6/10         -         6/10         -         6/10         -         6/10         -         6/10         -         6/10         -         6/10         -         7/10         2/9         1/11         1/11         13/9         24/9         6/11         12/9         -         27/10         10/9         -         27/10         10/9         -         27/10         10/9         -         11/9         11/9         -         11/9<	∞	Delfzij1	23/10	56/9	8/11	22/10	25/9	7/11	26/10	29/9	t	I	ı	I
Enumen       13/11       3/10       1/11       12/11       2/10       31/10       -       6/10       -       6/10       -         Gouda       25/9       7/11       13/9       24/9       12/11       23/10       -       27/10       23/9         Gouda       25/9       7/11       13/9       24/9       6/11       12/9       -       16/9         Harderwijk       18/9       14/11       18/10       24/9       13/11       17/10       28/9       -       16/9         Hellendoorn       30/10       12/9       4/10       29/10       11/9       3/10       20/10       17/9       11/9       3/10       -       28/10         Leeuwarden       2/10       17/10       15/11       1/10       16/10       14/11       5/10       -       15/9       -       2/10       -       18/9       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -       28/10       -	6	Dordrecht	30/10	19/6	4/10	29/10	18/9	3/10	I	22/9	7/10	25/10	ı	I
Gouda       13/11       24/10       20/9       12/11       23/10       19/9       -       27/10       23/9         Gouda       25/9       7/11       13/9       24/9       6/11       12/9       28/9       -       16/9         Haarlem       25/9       14/11       18/10       24/9       13/11       17/10       28/9       -       16/9         Harlendoorn       30/10       12/9       4/10       29/10       11/9       3/10       -       28/10         Leeuwarden       2/10       17/10       29/10       11/9       3/10       -       15/9       7/10         Maastricht       18/9       3/10       8/11       17/9       2/10       14/11       27/10       -       28/10         Naaldwijk       9/10       24/10       15/11       8/10       23/10       12/10       27/10       -       27/9       7/10         Oosterhout       6/11       19/9       4/10       5/11       18/9       3/10       -       13/10       16/9       -       13/10       16/9	10	Emmen	13/11	3/10	1/11	12/11	2/10	31/10	1	6/10	I	ı	ı	I
Gouda       25/9       7/11       13/9       24/9       6/11       12/9       28/9       -       16/9         Haarlem       25/9       14/11       18/10       24/9       13/11       17/10       28/9       -       21/10       2         Harlendoorn       30/10       12/9       4/10       29/10       11/9       3/10       -       15/9       7/10         Leeuwarden       2/10       17/10       15/11       1/10       16/10       14/11       5/10       -       28/10         Maastricht       18/9       3/10       8/11       17/9       2/10       14/11       21/9       6/10       -       2         Naaldwijk       9/10       24/10       15/11       8/10       2/10       14/11       12/10       2/10       -       2       2         Oosterhout       30/10       10/10       13/9       4/10       5/11       18/9       3/10       -       13/10       16/9         Oss       6/11       19/9       4/10       5/11       18/9       3/10       -       12/9       1/10       16/9	11	Gorinchem	13/11	24/10	20/9	12/11	23/10	19/9	I	27/10	23/9	1	1	I
Haarlem       25/9       14/11       18/10       24/9       13/11       17/10       28/9       -       21/10         Harderwijk       18/9       14/11       25/10       17/9       13/11       24/10       21/9       -       28/10         Hellendoorn       30/10       12/9       4/10       29/10       11/9       3/10       -       15/9       7/10         Leeuwarden       2/10       17/10       15/11       1/10       16/10       14/11       5/10       20/10       -       15/9       7/10         Maastricht       18/9       3/10       8/11       17/9       2/10       7/11       21/9       6/10       -       17/10         Naaldwijk       9/10       24/10       15/11       8/10       2/10       14/11       12/10       27/10       -       16/9         Ossterhout       30/10       10/10       13/9       4/10       5/11       18/9       3/10       -       12/9       7/10	12	Gouda	25/9	7/11	13/9	24/9	6/11	12/9	28/9	ı	16/9	8/11	26/10	ı
Harderwijk       18/9       14/11       25/10       17/9       13/11       24/10       21/9       -       28/10         Hellendoorn       30/10       12/9       4/10       29/10       11/9       3/10       -       15/9       7/10         Leeuwarden       2/10       17/10       15/11       1/10       16/10       14/11       5/10       20/10       -         Maastricht       18/9       3/10       8/11       17/9       2/10       7/11       21/9       6/10       -         Naaldwijk       9/10       24/10       15/11       8/10       2/10       14/11       12/10       27/10       -         Oosterhout       30/10       10/10       13/9       4/10       5/11       18/9       3/10       -       13/10       16/9         Oss       6/11       19/9       4/10       5/11       18/9       3/10       -       22/9       7/10	13	Haarlem	25/9	14/11	18/10	24/9	13/11	17/10	28/9	ı	21/10	22/11	9/11	ı
Hellendoorn       30/10       12/9       4/10       29/10       11/9       3/10       -       15/9       7/10         Leeuwarden       2/10       17/10       15/11       1/10       16/10       14/11       5/10       20/10       -         Maastricht       18/9       3/10       8/11       17/9       2/10       7/11       21/9       6/10       -         Naaldwijk       9/10       24/10       15/11       8/10       23/10       14/11       12/10       27/10       -         Oosterhout       30/10       10/10       13/9       4/10       5/11       18/9       3/10       -       13/10       16/9         Oss       6/11       19/9       4/10       5/11       18/9       3/10       -       22/9       7/10	14	Harderwijk	18/9	14/11	25/10	17/9	13/11	24/10	21/9	1	28/10	1	1	ı
Leeuwarden       2/10       17/10       15/11       1/10       16/10       14/11       5/10       20/10       -         Maastricht       18/9       3/10       8/11       17/9       2/10       7/11       21/9       6/10       -         Naaldwijk       9/10       24/10       15/11       8/10       23/10       14/11       12/10       27/10       -         Oosterhout       30/10       10/10       13/9       29/10       9/10       12/9       -       13/10       16/9         Oss       6/11       19/9       4/10       5/11       18/9       3/10       -       22/9       7/10	15	Hellendoorn	30/10	12/9	4/10	29/10	11/9	3/10	ı	15/9	7/10	1	I	1
Maastricht       18/9       3/10       8/11       17/9       2/10       7/11       21/9       6/10       -         Naaldwijk       9/10       24/10       15/11       8/10       23/10       14/11       12/10       27/10       -         Oosterhout       30/10       10/10       13/9       29/10       9/10       12/9       -       13/10       16/9         Oss       6/11       19/9       4/10       5/11       18/9       3/10       -       22/9       7/10	16	Leeuwarden	2/10	17/10	15/11	1/10	16/10	14/11	5/10	20/10	I	22/11	ı	10/11
Naaldwijk 9/10 24/10 15/11 8/10 23/10 14/11 12/10 27/10 – Oosterhout 30/10 10/10 13/9 29/10 9/10 12/9 – 13/10 16/9 Oss 6/11 19/9 4/10 5/11 18/9 3/10 – 22/9 7/10	17	Maastricht	18/9	3/10	8/11	17/9	2/10	7/11	21/9	6/10	I	22/11	1	ı
Oosterhout 30/10 10/10 13/9 29/10 9/10 12/9 - 13/10 16/9 Oss 6/11 19/9 4/10 5/11 18/9 3/10 - 22/9 7/10	18	Naaldwijk	9/10	24/10	15/11	8/10	23/10	14/11	12/10	27/10	ı	ı	1	I
0ss 6/11 19/9 4/10 5/11 18/9 3/10 - 22/9 7/10	19	Oosterhout	30/10	10/10	13/9	29/10	9/10	12/9	I	13/10	16/9	ı	1	I
	20	Oss	6/11	19/9	4/10	5/11	18/9	3/10	I	22/9	7/10	1	26/10	24/11

Appendix 1. Towns, days and dates of surveys 1970 to 1974

No.	Municipality 1970	1970			1971			1973			1974		
		day an	day and date		day and date	d date		day and date	d date		day and date	i date	
		Fri.	Sat.	Sun.	Fri.	Sat.	Sun.	Fri.	Sat.	Sun.	Fri.	Sat.	Sun.
21	Rotterdam	16/10	16/10 3/10	15/11	15/10	2/10	14/11	19/10	6/10	I	8/11	1	I
22	Rijswijk	11/9	10/10	ı	10/9	9/10	ı	14/9	13/10	ı	ı	ı	24/11
23	Sittard	16/10	14/11	27/9	15/10	13/11	56/9	19/10	ı	30/9	25/10	23/11	I
24	Terneuzen	11/9	17/10	1/11	10/9	16/10	31/10	14/9	20/10	ı	I	I	I
25	Veenendaal	23/10	19/6	11/10	22/10	18/9	10/10	26/10	22/9	14/10	I	ı	1.
26	Venray	2/10	12/9	18/10	1/10	11/9	17/10	5/10	15/9	21/10	1	23/11	27/10
27	Vlissingen	25/9	31/10	11/10	24/9	30/10	10/10	28/9	1	14/10	ı	I	ı
28	Voorburg	t	1	25/10	ı	ı	24/10	1	1	28/10	25/10	ı	ı
29	Winterswijk	23/10	10/10	20/9	22/10	9/10	19/9	26/10	13/10	23/9	I	ı	I
30	Zutphen	2/10	7/11	18/10	1/10	6/11	17/10	5/10	ı	21/10	I	I	ı
31	Zwolle	11/9	11/10	31/10	10/9	10/11	30/10	14/9	ı	14/10	I	1	27/10

Appendix 1. Towns, days and dates of surveys 1970 to 1974 (cont.)

No.	Municipality	1975								
		day and	date and 1	and movement	schedule			The state of the s		
		Friday			Saturday			Sunday		and the second s
		H	II	III	I	II	III	I	II	III
_	Alkmaar	17/10	17/10	В	27/9	27/9	A	2/11	2/11	В
2	Amersfoort	14/11	14/11	A	13/9	13/9	В	28/9	28/9	A
33	Arnhem	7/11	7/11	В	25/10	25/10	A	14/9	14/9	В
4	Assen	10/10	10/10	Ą	1/11	1/11	В	28/9	28/9	A
2	Baarn	7/11	I	В	27/9	I	A	I	26/10	മ
9	Bergen op Zoom	ı	I	1	ı	ı	1	2/11	2/11	A
7	Beverwijk	19/6	I	В	I	18/10	A	ı	9/11	മ
8	Breda	10/10	10/10	A	8/11	8/11	В	21/9	21/9	A
6	Bussum	I	7/11	В	1	27/9	A	26/10	I	В
10	Delfzij1	24/10	24/10	A	27/9	27/9	В	I	1	ı
=	Doetinchem	t	I	I	1	I	I	12/10	12/10	മ
12	Dordrecht	31/10	31/10	A	20/9	20/9	В	5/10	5/10	A
13	Emmen	19/6	6/61	В	4/10	4/10	A	2/11	2/11	В
14	Goes	I	I	1	18/10	18/10	В	I	1	ı
15	Gorinchem	14/11	14/11	В	25/10	25/10	A	21/9	21/9	В

B = movement between 0100 and 0200 hours A = movement between 2400 and 0100 hours

Appendix 2. Towns, days and dates of surveys 1975 and the movement schedule 1975

No.	Municipality	1975								
		day and	date and m	and movement	schedule					
		Friday			Saturday			Sunday		
		I	II	III	I	II	III	I	II	III
16	Gouda	26/9	26/9	Ą	8/11	8/11	В	14/9	14/9	A
17	Haarlem	29/9	29/6	В	15/11	15/11	A	19/10	19/10	В
18	Harderwijk	7/11	7/11	A	I	ı	ı	ı	ı	I
19	Heemskerk	ı	19/6	В	18/10	ı	A	9/11	t	В
20	Hellendoorn	31/10	31/10	А	13/9	13/9	В	5/10	5/10	A
21	Helmond	ı	3/10	В	13/9	ı	A	19/10	19/10	В
22	Hoogezand	1	ı	1	1	ı	ı	9/11	9/11	A
23	Leeuwarden	3/10	3/10	В	18/10	18/10	A	16/11	16/11	В
24	Maastricht	19/6	19/6	A	4/10	4/10	В	9/11	9/11	A
25	Meppel	1	ı	1	1	ı	ı	26/10	26/10	В
26	Naaldwijk	10/10	1	A	1	1	ı	1	16/11	В
27	Oosterhout	1	1	I	11/10	11/10	A	14/9	14/9	В
28	0ss	12/9	12/9	A	20/9	20/9	В	5/10	5/10	A
29	Roosendaal	31/10	31/10	В	ı	ı	1	I	I	I
30	Rotterdam	17/10	17/10	Ą	4/10	4/10	В	16/11	16/11	А
31	Rijswijk	12/9	I	В	1	15/11	A	16/11	ı	В
		1	10/10	А						
32	Sittard	17/10	17/10	A	11/10	11/10	В	28/9	28/9	A
				Variation (1921)						

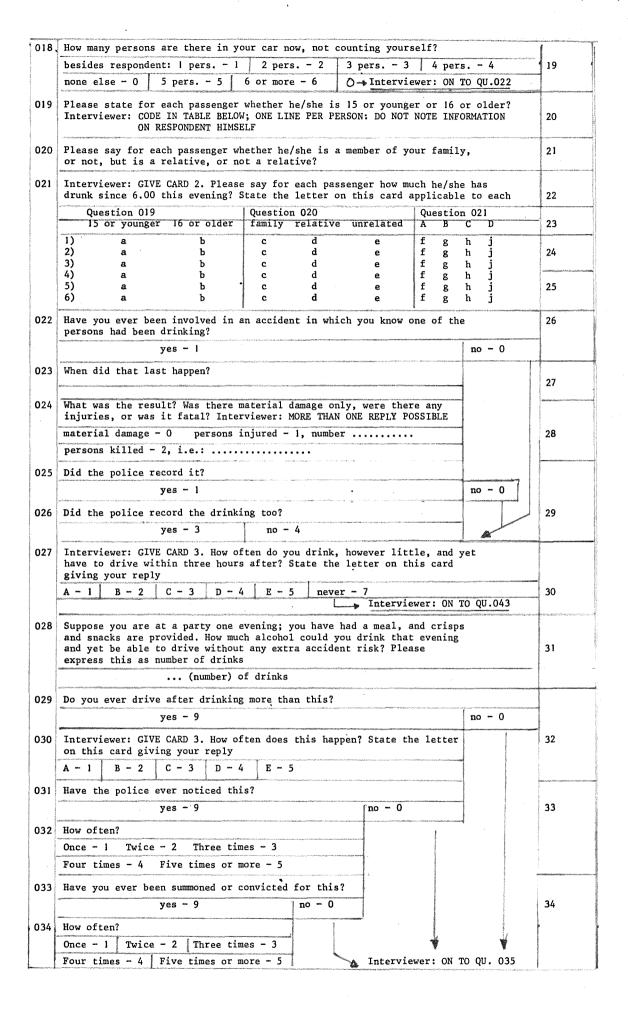
Appendix 2. Towns, days and dates of survey 1975 and movement schedule 1975 (cont.)

No.	Municipality	1975								
		day and	date and movement schedule	novement	schedule					
		Friday			Saturday	1		Sunday		
		I	II	III	I	II	III	I	II	III
33	Steenwijk	1	I	t	15/11	15/11	Ą	1	1	I
34	Terneuzen	14/11	14/11	A	1	t	I	ı	I	ı
35	Veenendaal	24/10	24/10	В	20/9	20/9	Ą	l	I	ı
36	Venray	3/10	I	В	ı	13/9	A	I	I	ı
37	Vlissingen	26/9	56/9	В	1/11	1/11	Ą	12/10	12/10	В
38	Voorburg	ī	12/9	В	15/11	I	Ą	26/10	26/10	A
39	Waalwijk	I	I	1	25/10	25/10	A	ı	ı	t
40	Winterswijk	24/10	24/10	A	11/10	11/10	В	21/9	21/9	A
41	Zutphen	3/10	3/10	А	8/11	8/11	A	19/10	19/10	В
42	Zwolle	12/9	12/9	Ą	1/11	1/11	В	12/10	12/10	Ą

Appendix 2. Towns, days and dates of survey 1975 and movement schedule 1975

Appendix 3. Questionnaire 1970, 1971, 1973

		and the state of t
	v/h Nederlandse Stichting Enquiry A 3840 Statistiek	
V001	Interviewer: COPY NUMBER OF CARD HERE	1-4
		1 7
	QUESTIONS VERBALLY AND LITERALLY REPLIES VERBATIM AND/OR RING CODE FIGURE	de de la company
001	TIME INTERVIEW STARTED hrs min.	
002		_
	1 year to less than 2 - 1 2 years to less than 3 - 2 shorter than 1 year - 0  3 years to less than 5 - 3 5 years to less than 10 - 4 10 years or longer - 5	5
	3 years to less than 5 - 3   5 years to less than 10 - 4   10 years or longer - 5	
003	How many kilometres have you driven with this or another car in the past twelve months?	
	km	6
004	In the past twelve months have you driven more in built-up areas, more outside or about equally?	
	more inside - 0   more outside - 1   equally - 2	7
005	How many kilometres have you driven since you have had your licence?	
	less than 20 000 km - 5   20 000 km to less than 100 000 km - 6	
1	100 000 km to less than 250 000 km - 7 250 000 km or more - 8	
006	Interviewer: GIVE CARD 1. Where have you come from (your last stop)? Will you refer to this card please?	
- Company	visit - 0   pub - 1   bar, dance-hall, nightclub - 2   job - 3   home - 5	8
dindress.squa.004	meeting - 4 other - 6, i.e.:	
υυ7	Did you drive there or was someone else driving?	
a contract of the contract of	someone else - 0 Respondent - 1	
800	Is he/she in the car now?	Supplied to the supplied to th
-	yes - 2 no - 3	9
009	Why isn't he/she driving now?	
100		
010	, , , , , , , , , , , , , , , , , , , ,	
	Will you refer to this card please  visit - 0   pub - 1   bar, dance-hall, nightclub - 2   job - 3   meeting - 4	10
	visit - 0   pub - 1   bar, dance-hall, nightclub - 2   job - 3   meeting - 4   home - 5   other - 6, i.e.:	10
011	What is your estimate of the distance between your last stop and your next stop?	
20 Marie 10	about 1 km or less - 0   over 1 km, i.e.: km	11
012	Now several questions about yourself. Have you drunk any alcohol since 6.00 this evening, even an odd drink?	
	yes - 0 no - 1	
013	What time did you have your last drink?	er canada de la ca
and a	last drink about hr min.	12
014	Your first drink since 6.00 this evening: what time was that?	
	first drink about hr min.	13
015	How many drinks have you had since 6.00 this evening? INTERVIEWER:	
-	in total drinks ON TO QU.018	14
016	What were they? Interviewer: ALSO NOTE NO. OF EACH KIND	
	kind: number:	15
	kind: number:	16
	kind: number:	17
017	Do you think it quite all right for you to drive after this number of drinks	
	or would you think it better not to?	alia oction
	quite all right -   better not - 2 other reply - 3, i.e.:	18 ,



035	When drinking, how can one allow for driving safely after Interviewer: ASK QU. 036 IF RESPONDENT CANNOT REPLY	rwards?	35
036	Interviewer: GIVE CARD 4. Please say what you would do, this card. State letter or letters  A - 1 $B$ - 2 $C$ - 3 $D$ - 4 $E$ - 5 $F$ - 6 $C$ - 7	referring to	36
037	Do you believe people are more likely to be stopped by the they have had a drink?	ne police if	
	yes - 1 no - 0		37
038	How can one try to minimise the risk of being stopped af Interviewer: ASK QU. 039 IF RESPONDENT CANNOT REPLY	ter drinking?	To the state of th
039	Would you drive slower, pay more attention or choose a droute or just carry on?	ifferent	The distance of the second
	Drive slower - 0 More attention - 1 Different route	- 2   Carry on - 3	39
<b>0</b> 40	Interviewer: GIVE CARD 5. If one has been drinking and is police is there a risk of the police noticing it? Please referring to this card		poddycos i Angonison (a.c.).
	Yes, always - 0 Yes, only during special campaigns - 2		40
	Yes, if one makes no allowance for it - 2 No - 3		
041	How can one try to minimise this risk? Interviewer: ASK ( IF RESPONDENT CANNOT REPLY	QU. 042	on anternational of the control of t
042	Would you take a breath-tablet/peppermint or chewing gum	, start smoking,	
	get out of the car, behave as normally as possible?  Breath-tablet - 0   Peppermint/chewing gum - I   Smoke -	version make historias de principale de mension en proprie de manuel que la manera en contra en consciente de O	42
	Leave car - 3 Behave normally - 4	www.pgc/Malausonia.co.com immusific.co.com/services resignation president assessed by Andrew Malades (Andrew Andrew)	72
043	gazgaggadigaggagagagaanangangaggaggaggaggaggaggagg	, to the contract of the second secon	
043	Do you know how alcohol consumption can be measured?  yes - 1	no - 0	
.044	How?		43
045	What does blood alcohol concentration mean in your view?		
	And the property of the section of t	Don't know - 9	44
046	Can you covert the number of drinks to BAC?		
0.0	yes - 1 no - (	0	
047	How?	<u></u>	4
047			45
	ILOW;	and the same of th	45
	1001		
048	May I ask a few more questions? What is the make, type a	nd year of this car?	46
048	May I ask a few more questions? What is the make, type as Make:  Type:  Year:		
048 049	May I ask a few more questions? What is the make, type as Make:  Type:  Year:  Is this car yours, your employer's, one of your passenge		46
	May I ask a few more questions? What is the make, type as Make:  Type:  Year:  Is this car yours, your employer's, one of your passenge or someone else's?		46
	May I ask a few more questions? What is the make, type as Make:  Type:  Year:  Is this car yours, your employer's, one of your passenge or someone else's?	r's, a relative's	46
049	May I ask a few more questions? What is the make, type as Make:  Type:  Year:  Is this car yours, your employer's, one of your passenge or someone else's?  Respondent's - 0   Employer's - 1   Passenger's - 2   Re Someone else's - 4, i.e.:	r's, a relative's	46
	May I ask a few more questions? What is the make, type as Make:  Type:  Year:  Is this car yours, your employer's, one of your passenge or someone else's?  Respondent's - 0   Employer's - 1   Passenger's - 2   Re	r's, a relative's	46 47 48
049 050	May I ask a few more questions? What is the make, type as Make:  Type:  Year:  Is this car yours, your employer's, one of your passenges or someone else's?  Respondent's - 0   Employer's - 1   Passenger's - 2   Re Someone else's - 4, i.e.:  Where do you live? Town and municipality?  Town:  Municipality:  Province:	r's, a relative's	46 47 48 49
049	May I ask a few more questions? What is the make, type as Make:  Type:  Year:  Is this car yours, your employer's, one of your passenge or someone else's?  Respondent's - 0   Employer's - 1   Passenger's - 2   Re Someone else's - 4, i.e.:  Where do you live? Town and municipality?	r's, a relative's lative's - 3	48 49 50
049 050	May I ask a few more questions? What is the make, type as Make:  Type:  Year:  Is this car yours, your employer's, one of your passenges or someone else's?  Respondent's - 0   Employer's - 1   Passenger's - 2   Re Someone else's - 4, i.e.:  Where do you live? Town and municipality?  Town:  Municipality:  Province:	r's, a relative's lative's - 3	48 49 50
049 050	May I ask a few more questions? What is the make, type as Make:  Type:  Year:  Is this car yours, your employer's, one of your passenges or someone else's?  Respondent's - 0   Employer's - 1   Passenger's - 2   Re  Someone else's - 4, i.e.:  Where do you live? Town and municipality?  Town:  Municipality:  Province:  How old are you?  19 or under - 0   20 to 24 - 1   25 to 29 - 2   30 to 34	r's, a relative's lative's - 3	48 49 50
049 050	May I ask a few more questions? What is the make, type at Make:  Type:  Year:  Is this car yours, your employer's, one of your passenge or someone else's?  Respondent's - 0   Employer's - 1   Passenger's - 2   Re Someone else's - 4, i.e.:  Where do you live? Town and municipality?  Town:  Municipality:  Province:  How old are you?  19 or under - 0   20 to 24 - 1   25 to 29 - 2   30 to 34  40 to 44 - 5   45 to 49 - 0   50 to 54 - 1   55 to 59 -	r's, a relative's lative's - 3	48 49 50

053	What was your last so training. Courses in Interviewer: BOTH DAY	industry etc. are di	sregarded	fessional . 53	p. A.C., A. B.C.O.
054	Did you obtain the fi	nal certificate or a	re you now working on	this?	
	No certificate - 0	Certificate - 1   Wo	rking on it - 2	-	
055	Are you at present em	nloved?	"Aday Managath of the finite frequently are recently received in a control company and a control of the second	54	
033	Employed (includes on leave, lay-off, illness) - 3	Not employed (inc part-pay, pension out of work) - 4	, , ,	Housewife and no occupation - 6	
	Billianingapharana ama un promoto estimato accesso un marco estimato de la composición del composición de la composición de la composición del composición de la composición de la composición del composición de la composición de la composición de la composición de la composición del composición del composición del com	Interviewer: QUS AND 057 FOR LAST OCCUPATION	and the state of t		
056	What is/was your occu establishment do/did and civil servant or	you work and are/wer			
	Occupation:	,		12.00	
	Position:	and the second s			
	Type of business or e			- The second of	
	Salaried, not civil s	ervant - A   Salarie	d, civil servant - B	- p / Lindows Co Colon and	
	Self-employed - C	- Anti-			
057	Does (did) the busine permanent employees?	ss or establishment	have less or more tha	n ten 56	
	10 ore more - K   9 o	r less - L   Don't k	now - M		
058	Interviewer: GIVE CAR the letter denoting y				
	A - 0 B - 1 C - 2  Don't know - 8   Won'		- 5 G - 6 H - 7		
059	Did you know an enqui	ry was being held he	re tonight?	The second section is a second second section of the second section is a second second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the second section in the second section is a section in the second section in the second section is a section in the section in the second section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section in the section is a section in the section	
	yes	and the state of t	no = 0	The second secon	
	American Company of Co	carrier and a commentation of the contraction of th	The state of the s		
	Interviewer: COMPLETE	WITHOUT QUESTIONS		58 ************************************	
060	Respondent's sex:	male -	4 female - 5	and the same and t	augenije auwe-ni-
061	Town of interview:				
	Municipality:	where the properties in the properties of the second section $\Phi$ . The second section $\Phi$	e e e e e e e e e e e e e e e e e e e	T9 "	
	Check-point:		and a construction of the second seco	. 60	
062	Interviewer's name	063) Interview No.	064) Date 065)	Time 61	
002	INCERVIEWEL S Name	003) Interview No.	Programme Control of the Control of	1 1 1 1 1 1 1 1 1 1 1 1	
	The state of the s		1	. hr min. 62 . hr min. 63	1
	- Annual Control of the Control of t			. hr min. 64	
	American de compressión de la constante de la				
	Interviewer: LEAVE BL	er ve incin valegady	· · · · ·	65	
	BLOOD ALCOHOL CONCENT	RATION		66	
	I yes	- 1	no - 2	67	
	II A-4 B	-5 C-6	no - 7	68	7,111
Mary digitar e subjects de la constitue de la	Superior sup	ent on management and the contract areas of the contract and the contract of t	hidden terreni junio en del tradistrone y monostrophen por tel premero sembro como de tradente del productiva de		
				70	
				71	
	*			72	
				73	
				74 .	
				75	
				76	
				**************************************	************

Commission of the Commission o		در د		Ministration of the Control of the C
	v/h Nederlandse Stichting Inquiry A 3840 Statistiek SUPPLEMENTARY QUESTIONS			
Autı	um 1970	1/4		
	QUESTIONS VERBALLY AND LITERALLY REPLIES VERBATIM AND/OR RING CODE FIGURE		CARD	IX
-	Application and the Control of the C	gyrete ferensissen og gagangang, gg gjjorden eine blessen om statue goden er en en en ek omste kanse.		
A	Interviewer: ASK QUESTIONS 147 to 150 AFTER QUESTION 047, I.E. QUESTION 048	BEFORE	5	
147		specified		en mengember og men et et i det i det i det i de et et e
	The state of the s	is no law - 0	•	
Makery March	don't know		6	
	antensioner i form a mignet consistent in mengraf, sociogico e contemporar i consistent i contemporar i contempora		Speciment	
148	How high is this blood alcohol concentration according to the law?	State of the state	Control (C) Control de la Control (C) Cont	
	don't know - 0		7	
Account Medical		**		
149	How do the police measure the concentration?		8	
5. LL 0000000000000000000000000000000000	selected to the control of the contr			
A TOTAL CONTRACTOR OF THE STATE		know – 0	9	
В	Interviewer: IF RESPONDENT DID NOT REPLY BLOOD OR BREATH TEST TELL HIM THIS CAN BE MEASURED WITH A BLOOD OR BREATH TEST	CO QU. 149	10	
150	If the police ask you to co-operate in a blood or breath test of must you do this or can you refuse?	or both		
	Can refuse both blood and breath tests - 0			
	Can refuse blood test - 1 Can refuse breath test - 2	, and Particulation is a superior state of the anti-superior state and the anti-superi	1	
	Must consent to both blood and breath tests - 3 · Don't know	,		
	Different - 4, i.e.:	Commence of the Commence of th	de mar	
1		A CONTRACTOR OF THE STATE OF TH		
1				
	•			
***************************************		. The second sec	ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	er to a constant of p
	Interviewer's name Date			
**************************************		and the second s	100	
С	RECTIFICATIONS			
1	IF YOU RINGED CODE - 0 FOR QUESTION 029, YOU MUST MOVE ON TO QU AND NOT QU. 035	. 031		
2	THE WORDING OF QU. 031 IS CHANGED. IT NOW READS: "Have the police ever noticed you have been drinking?"			
3	IF YOU HAVE RINGED CODE - 5 OR - 6 AS THE REPLY TO QU. 055, YOU GO ON TO UQ. 059 AND NOT QU. 058	MUST	Tarabana ang manananan	
			į.	

# Appendix 4. Questionnaire 1975

	. v/h Nede r Statisti		Stichting	3			Enquiry A	5767				
-	tember/Nov		<b>7</b> 5				Interview		Y NUMBER D HERE	OF	g mille att til det ske	
	QUESTIONS E REPLIES				in the second discussion and the second seco		numerin (Principle ) de gleber (Climatin nuitage (Principle )	eretario de como de la	entere esta esta esta esta esta esta esta est	ANT	make no'r hanni farcainn a me'r f A-grae Charle Ferri (1920-1920), ac i globhird	illicherande een te
01	TIME INTE	RVIEW STA	ARTED:	agau <sub>us</sub> agauratein tähälliden on musuuntiin kun gur	-dynacji, yn sjiwyg e goes ynn y Printer diener de en	hr.		mi	n.			
02	How long	have you	had a dr	iving 1	icence?	Marie este di Louis de la constante de la cons						
	1 - 2 yea 5 -<10 yea			2 <b>-∢</b> 3 y 10 year	ears s or long	ger	3 - <b>≼</b> 5 ye no drivi			less t	han I year	
03	How many this or a	nother ca	ar?				welve mon	ths wit	h		Military with control Adamson and	······································
The second second second	<2 500 km 12 500 -<				-<7 500 -<42 500	AND THE RESERVE OF THE PERSON	7 500 - 42 500 o		nagananan manakan dinakan dinak			
04	Interview to say who									Can yo	u refer to	Ĺŧ
The state of the s	visit bar, dance nightclub collecting taking so	g,	The second secon	pub home other		and and A	pub empl	oyee		party meetin	8	
05	Interview going (you			AGAIN. W	ill you p	olease r	efer to t	his car	d and say	y where	you are not	•
	visit bar, dance nightclub collecting taking son	ς,	PORTOLOGY PRINTED THE PRINTED	pub home other			pub emplo	oyee 		party meetin	g	1
<b>0</b> 6	What is yo	our estir	nate of t	he dist	ance bety	veen you	r last st	op and	your nex	t stop?	elimente e en la cidad e e la color confedera	!
	1 km or 1 15 - 19 km 100 km or	n		2 - 4 20 - 29 don't k	km	hild haad Lalagedii iirmaan e <sup>mik</sup> ilmaa	5 - 9 30 - 49		angle Lague on the Overthe Pather to can will be	10 - 1 50 - 9		
07	How long	do you ne	eed to co	ver thi	s distand	e? In m	inutes pl	ease.				
	5 minutes less	low long do you need to cover this distance? In minutes please.  5 minutes or  6 to 10 min.  31 to 50 min.  51 min. or more				21 to don't	30 min. know	į.				
08	What is the Make:	he make a	and type	of the	car you a	ire now	driving? Type:					
09	What year	was it i	built?								don't know	J
	1975		1973 or 1974	ANN BOARD STORY CO. I. C.	1971 or 1972		1968/ 1970		1965/ 1967		1964 or earlier	
10	Is this c	SEASON AND A SEASON AND ASSESSMENT	your en	And the second	s, one of	and the second second second	assenger' Relative	and the second second	lative's Someone		eone else's	?
11	Where do					tan (Open to aparado and to a time to the		ayan ing manananan ang mananan ang man				
11	Town:	you live	i iowii at	id mairic	Municipa	ality	which the room of	*	Province	e:	or manyapen apopul liping ( em montung gagan	
	0		2	3	4	5	6	7	8	9	Serial num lst figure 2nd figure 3rd figure	2
Anna Anna Anna Anna	naine produce and a second sec	3	5	7	9	11	13	15	17	19	21	23

	since 6	ipa pitel in the control of the cont				**************************************			and the second s		
erinde military possible believe have a state of the second of the secon	l drink	2 drinks	3 drinks	4 drinks	5 drinks	6 drinks	7-9 drinks	10-14 drinks	15 drinks or more	don't know	None
3	What ti	me did you	have you	ır last dr	ink?	Last dri	ink about	hr.	min.	Intervi	ewer: 20
4		rst drink me was tha		00 this ev	vening,	First dr	ink about	hr.	min.	·	
5	What dr	inks were	they? Int	erviewer:	ALSO NO.	OF EACH	KIND				
		• • • • • • • • • •		mber:					number:		
6		have had a u noticed				en drinki	ing?	Yes		No	
7	Have yo	u noticed	if it aff	ected you	ır driving	? 4 Yes		No			
8	Did you	allow for	it in th	ie way you	ı drove?	4 Yes		No			
9	•	think it q or would y	•	_	-	rive afte	er this nu	mber of		4	4
2000	Quite a	11 right		Bett	er not			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
0	How man	y persons	are there	in your	car now,	not count	ing yours	elf?		Totalan dara menenenada asamun hilikasun M	Photo resisent the trade of general second
	Except resp.:	and the same relations and the same respective to the same and the sam	pers.	2 p€		3 pers		4 or mor	re	no one el	se
1	16 or o Intervi	say for ea lder ewer: TICK TION ON RE	OFF IN T	ABLE BELO			• -			Interview NOW QU. 2	
- ;					ier ne/sne	is a mem	ber of vo	ur famil	v. or not	. but is	a
	Which o	e, or not  f these pa  say for ea  than your	a relativessengers are of the	re have driv	ving licen	ces?	ther of yo				
3	Which o	f these pa say for ea than your	a relativessengers are of the	have driv	ving licen	ces?	ther they		unk less,		ent of the same property
	Which o	f these pa say for ea than your Qu. 21	a relativessengers ach of the self.	have drivem with dr	ving licen	ces?	Qu. 23	have dru	unk less, Qu. 24	the same	ann e an ann ann an an an an an an an an an a
	Which o	f these pa say for ea than your	a relativessengers the self.	have drivem with dr	ving licen	ces?	Qu. 23		unk less,		
	Which o	f these pa say for ea than your Qu. 21 15 or	a relativessengers the self.	have drivem with dr	ving licen	ces? ences whe	Qu. 23	have dru	unk less, Qu. 24	the same	**************************************
	Which o Please or more	f these pa say for ea than your Qu. 21 15 or	a relativessengers the self.	have drivem with dr	ving licen	ces? ences whe	Qu. 23	have dru	unk less, Qu. 24	the same	ann e an ann ann an an an an an an an an an a
	Which o Please or more	f these pa say for ea than your Qu. 21 15 or	a relativessengers the self.	have drivem with dr	ving licen	ces? ences whe	Qu. 23	have dru	unk less, Qu. 24	the same	**************************************
10 July 20 Through person and a first of the Company Service S	Which of Please or more or more of the property of the propert	f these pa say for ea than your Qu. 21 15 or	a relative assengers the of the self.	have drivem with drivem with drivem with drivem value of the control of the contr	ring licentiving licentive	ences whe	Qu. 23 driving No	have dru	unk less, Qu. 24	the same	**************************************
	Which of Please or more or more of the process of t	f these pa say for ea than your Qu. 21 15 or younger	a relative assengers each of the reelf.  16 or older  COFF WITH gers with	have driver with driving lariving by	relative	not related  REFERENCO o have dr	Qu. 23 driving No  DE TO QU. Tunk less	have drulicence Yes	Qu. 24 less	the same	more
III (1) (2) TANANANANANANANANANANANANANANANANANANAN	Which of Please or more or more of the process of t	f these passay for eathan your Qu. 21 15 or younger ewer: TICK re passenge driver the car no	a relative assengers each of the reelf.  16 or older  COFF WITH gers with	have driver with driving lariving by	relative	not related  REFERENCO o have dr	Qu. 23 driving No  DE TO QU. Tunk less	have drulicence Yes	Qu. 24 less	the same	more  No

						and the second second second	and the second				
27	Interviewer: T There are pass						than the	driver:			
	Yes	The permitten and a graph and the Proposition of the Control of th	usan est personal mente de mente de la completation de la constitución de la constitución de la constitución d	ry - y general de la constitución	en upapa yyakan asaa asaa asaa asaa asaa asaa asaa	arana and or tamo mis an anaran del del del meter		ar a sauce i sauce source de developer est	No	ere a considére con aux est d'élèctre <del>de l'él</del> éctre de l'élèctre de l	ayyyyayararaayaaanaaaaahaanaa
28	Did you change one person wou							at			googgethersterre, and googletered by
	Yes, changed	Id dille pof		d before		e or noti	No not	changed			all False
	Billiophine hallen hall the hallow will be a should	et dierronne solleiche TOP-tre eine else selbste auf die eine serbeite d	nari si santanna sai, jadan misidikirikin paran misiki si Arib	na nama na sa	andropropage Statement of the energy systems a second	ng diana, 2 mandahan melapakan menjakan mendapakan	and not	agreed	K	-	La companya de la co
29	Have you ever concerned had			cident i	n which yo	u know or	ne of the	drivers	gartinia e trinoca a accidenti di territori e te		
	•			Continue of a supplementary		ngang ngapanakan alampan Benghapp per Varansah pinjakah	Yes	·	No		
30	Interviewer: G three hours af							t have	to drive v	vithin	
	A .	B	C	etra es de a fettiere en destructe de la cons	Е		F		Never		
31	Suppose you ar snacks are pro be able to dri being stopped.	vided. How m ve without a Please expr	nuch alcoho nny extra a cess this a	l could ccident s number	you drink risk? I do	that ever	ning and y	et	Interview NOW QU. 3		
	ngagagagan dengan kepangan paggun jaruh kebasan perunang kilalah delemen jungan	over er skielende <u>og opp</u> et else skielende skielende kan skielende og er	number) of			or severement organic address resource	aan additioner amelikijaan kon kildengan oo bi	The mother agrant constraints of the constraints of		ar mið ser í veg sama er til finlidinniskaun.	anana and Militaria
32	Do you ever dr	ive after dr	inking mor	e than t	his?	ر المعالم المع	Yes	The work of the design to the transfer of the section of	INO	interpretation of the second	and the second s
33	Interviewer: G	TUE CAPD 3	Von often	door thi	e hannon?	State the		the service of the service	110	eterologica e. p. p. terronom.	Legacy or the same to the same time to the same to the same time time to the same time time time time time time time ti
33	this card givi			does cit	s nappen:	Deate ene	r recter o	anne anno anno anno anno anno anno anno			
	<b>A</b>	B	C	ereta, ring all orderna a communications.	E	et engane Bakha manahanagap Kabbih aman s	F	155 Papangayan or Butanesidell			process the second of the seco
34	The amount of concentration.						lood alco	h <b>01</b>	ana etti olema ettäänä paikus elivettyja elem ya a eens		ings versi on the School NewsWardshift (SSSS)
	Don't know			÷,	Other	replies	m	g. per	100 ml		
35	A thing's leng its temperatur BAC unit?						delika rassa, yana panjaganana,			en-ville of the security of th	
	mg/100 m1	Oth	er replies		Don't	know	Page Commence of the Commence			office/speriossage	
	Interviewer: 0	N TO QU. 36		and the state of t	And the second s	Company of the last of the las					
A	Interviewer: E per 100 millil								alcohol	*	. 100
36	Can you conver	t the number	of drinks	to a BA	C?					The second secon	and the second second second
	Yes				No				in an an examinacy of the example of	the annual contract of the second	
37	How? Would you	please tell	L me?		or yo		se you do : v a method				
					Action to the second second	no method	I J		the method		· servez er er de
39	How is the BAC	•		y the po	lice or on	police i	nstruction				
1	gga <sub>lam</sub> anthan mora i sinne <mark>n</mark> jöldi djeni briminganajöldindi (ö. 1.4.) i öd	arterior electronic description de tras de classico et material definitivad	gagareria yang panggani dan san na san san sa	and a second	ergen magnisas valor grans militare.	aging acquired to the last place of a speciment of the section of	magnesis en a limena fra ese en ant	Do	on't know		
В	Interviewer: I THIS CAN BE ME					TH TEST T	O QUESTIO	N 39, TI	ELL HIM		, account on a section
	1 2	3	4	5	6	7	8	9	10		x
	11 12	13	14	15	16	17	18	19	20		x
4	21 22	23	24	25	26	27	28	29	30		x
	1 3	5	7	9	11	13	15	17	19	21	23

Can refuse	10	refuse	Can refuse	Mant on	D1-	n:ee	. L (2 -	
both blood and breath tests	t t	reruse d test	breath test	Must co-operate in both blood and breath tests	Don't know	Differen	it, in 1.e.	
Has a refus	al anv les	gal cons	equences?		anga 195 mag San mag ag mag mag mag mag mag mag mag mag	ر بر را درد د داده میکنند به این بازی بازی بازی بازی بازی بازی بازی بازی		man a
Yes		Par cono.	l ,	No No				
What are th		in an in makembronia milja iriga, "magiji e yayapini milyi	and the state of t		. **			
#Mintel and a second section of the sec	The section of the second second							
Is there a if the BAC			t one must not dri ied limit?	ve a car	<b>V</b>			
No, there i	s no law	annumburili (a funda funda indica de constitución de constituc	Don't know	Yes, there i	s a law			
	st not dri	ive a car	is a law providing r if the BAC is		tate this a	s accurately		******
No. Contract						Do	n't know	
How high is	this limi	it accord	ling to the law?					
				Don't know				
Yes	i.e.	of eeth contributions are according to extra	inks No, don't kn		ander, ser Primerrie des tentre mont program eigen program einfere primer in feste primer in de ser La companya de la companya	mitting an o		
of drinks? Yes Have you ev Yes	**************************************	of eeth contributions are according to extra	inks $No$ , don't kn $y$ the police for a		ander, ser Primerrie des tentre mont program eigen program einfere primer in feste primer in de ser La companya de la companya		rs?	
Yes Have you ev	er been st	topped by	PERSONAL STREET, STREE		ander, ser Primerrie des tentre mont program eigen program einfere primer in feste primer in de ser La companya de la companya	past two yea	rs?	
Yes Have you ev Yes	er been st	topped by	PERSONAL STREET, STREE		ander, ser Primerrie des tentre mont program eigen program einfere primer in feste primer in de ser La companya de la companya	past two yea	rs?	
Yes Have you ev Yes When was th	er been st	topped by	PERSONAL STREET, STREE	drinking check	during the	past two yea	rs?	
Yes Have you ev Yes When was th	er been st	topped by	y the police for a	drinking check	during the	past two yea	rs?	
Yes Have you ev Yes When was th	er been st	topped by me? ession the	y the police for a	drinking check	during the	past two yea	rs?	
Yes Have you ev Yes When was th Do you have	er been st	topped by me? ession the	y the police for a	drinking check	during the	past two yea	rs?	
Yes Have you ev Yes When was th Do you have	er been st	topped by me? ession the	y the police for a	drinking check	during the	past two yea	rs?	
Yes Have you ev Yes When was th Do you have	er been st	topped by me? ession the	y the police for a	drinking check	during the	past two yea	rs?	
Yes Have you ev Yes When was th Do you have Yes In what way	er been st	topped by me? ession the	y the police for a mat there has been riefly	drinking check  a change in the	during the	past two yea   No	rs?	
Yes Have you ev Yes When was th Do you have Yes In what way	er been stee last time the impression - please	topped by me? ession the	y the police for a nat there has been riefly	drinking check  a change in the	during the	past two yea No	rs? 0	
Yes Have you ev Yes When was th Do you have Yes In what way	er been st	topped by me? ession the	y the police for a mat there has been riefly	drinking check  a change in the	during the	past two yea No	rs?	
Yes Have you ev Yes When was th Do you have Yes In what way	er been stee last time the impression - please	topped by me? ession the	y the police for a nat there has been riefly	drinking check  a change in the	during the	past two yea No	rs? 0	
Yes Have you ev Yes When was th Do you have Yes In what way 31 41	the impression of the property of the impression	topped by me? ession the state by 33 43	the police for a mat there has been riefly  34 35 44 45	drinking check  a change in the  36 37 46 47	number of N	past two yea   No   No   No   No   No   No   No   N	rs? 0	
Yes Have you ev Yes When was th Do you have Yes In what way 31 41 51 61	rer been st e last time.  the impresentation of the impresentatio	me? ession the state by 33 43	the police for a nat there has been riefly  34 35 44 45 54 55 64 65	drinking check  a change in the  36 37 46 47 56 57 66 67	number of :  N  38  48  58	past two yea   No   No   No   No   No   No   No   N	o 0 0 0	
Yes Have you ev Yes When was th Do you have Yes In what way 31 41 51	er been stee last time the impression - please	me? ession the state by 33 43 53 63	the police for a riefly  34 35 44 45 54 55 64 65	drinking check  a change in the  36 37 46 47 56 57	number of NN A88 48 58 68	past two yea   No   No   No   No   No   No   No   N	0 0 0 0 0	

52	What in	What institutions or persons do you know of giving information on drinking and driving?									
					and the second	According to the contract of t	·			Actor	Don't know any
53	Is there	e a speci	ial publ:	icity car	mpaign a	t presen	t on drir	king an	d drivin	g?	
	Yes			amora (glascolis) or the project (gg.	CONTRACTOR OF THE STATE OF		THE PERSON NAMED OF THE PE		No		Don't know
54	What boo	dy is co	nducting	it?		***				· · · · · · · · · · · · · · · · · · ·	
							1	The transportation		e or free factors on each analysis exteller mane	
55	Interviewer: GIVE CARD 4. This card names various media which could be used for a p campaign. Which have been used for this special drinking and driving campaign?						a publicity				
							radio cinema				
	Others	e de desertant de sellen gregoriane en en de seu aus en anne	i.	e.: •	energy on a security (110,000, 40)		- Andrew of the Control of the Special Contro	and the same and the same of t	en e	Don't kr	LOW
56	Can you	recall a	nything	about th	is camp	aign?	and the second second second second				
					· · · · · · · · · · · · · · · · · · ·	*******					To the state of th
											observadayı (A)
											· · · · · · · · · · · · · · · · · · ·
	WAY THE STATE OF T										h //
57	How old	are you	·		entralis, ingless is in adminisp	managa ngapitan sa	yea	ırs	ofer at a continuous and some	The second secon	
	100	e i grani e i i		1				r Par Million, James Co.	to the second second second		
58	Are you	married,	, lormer.	ly marrie	ed or si	ngre:	Married		Formerly married	51	ngle
59	or profe	essional	training	g. Course	es in in	dustry e	tc. are d	lisregar	ied. Sta	te the le	chool. Any trade tters giving r: A TICK
	L	LV	<b>U</b>	עע	M	MV	нво	s	H	n de la companya de l	19 h
	ter er film myndersyddigiol (film em film)	en agasta i saige en esti ne director e	·	An agains new transcription		an hay be seen an	an a state of the			tot district and in control and in the second secon	
	91	92	93	94	95	96	97	98	99	100	The same constraints and the same same same same same same same sam
	101	102	103	104	105	106	107	108	109	110	x
	111	112	113	114	115	116	117	118	119	120	<b>x</b>
	121	122	123	124	125	126	127	128	129	130	, <b>X</b>
	131	132	133	134	135	136	137	138	139	140	x
	141	142	143	144	145	146	147	148	149	150	<b>x</b> .
	151	152	153	1 54	155	156	157	158	159	160	x
	161	162	163	164	165	166	· 167	168	169	170	. х
	171	172	173	174	175	176	177	178	179	180	X
	181	182	183	184	185	186	187	188	189	190	Х
	191	192	193	194	195	196	197	198	199	200	x
ABO. 25-01-07	1	3	5	7	9	11	13	15	17	19	21 23
-	Philosopher commence grant a common con-	and the second s	welcodook om/oc/William Francisco	all the supply of the first consider to the end of the	) and the second	namen and the second se	الإروسية متحدد المتحاولة فالمتحدد المتحدد المت				

		d (include e, lay-off )			Not emp (included) pay, per out of	les part- ension,	•		dying an occupati			Housewife and no occupation
1	In what	i, and civ	ousiness	s or esta	ablishme	ent do you	ı work	and are you	u self-e	mployed or		
	Position	n:				the second of th	ing paragan and property of the control of the cont	e consistentia de la companya de la La companya de la comp	Track all registers dans recognished from reference	e com a color e per en		(Married III)
	Type of	business	or esta	ablishme	nt	en mengangan period and terus garin med the <sup>an</sup> ology garing ago, y		edeanormente a ra un la sometencia	Treat other diseases as an electronic sec-	ant angung sayang sayan yan santahan bang sagingganggg	-	-
	Sanger of a special particle of the sanger	i, not civ	na amin'ny fivondronana ao	and the second second second second	ľ	aried, civ	vil ser	vant - B	Self-e	mployed -	c	e Grossman and an and an angelogical designs of the contract o
52	energia e per e e escala					e less or	more t	han ten pe	1		_	description and the
	10 or mo	tagent or an experience of protection of the depth of the stage of the		r less -	Constant of the board and Constant	Don't kno		la filogoro di la didunca di mel su masan akadawana a minedi dimina.	alet kannen almannen lande over en men skille en	and the second s	+	and the second second
53		know an e		• •		•		4	Yes		No	
_	2	ewer: COME					· · · · · · · · · · · · · · · ·			er und gewingsgeben der eine gewingsgeben ge-	45-1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	The second secon
54		ent's sex:	eneman die der Weldere von	and the second s	naggani karishiri (m. 17 may ilirib bing naggani karishiri (m. 17 m. 1807)	Female	All a Proposition band from	orani in anti-		The second secon		and the second s
55		interviev		-								or express the deleteration approxi-
	Municipa			en gegen vog generalen Sprannen verstelder i ver er i	and the second s	The same of the same of the same of	or Construction of the Control of th	and a second control of the second control of the second control of the second control of the second control of		n ar ar aan aa ar aa ar aa ah ar ah ah ar ar ar ah ar	ngangan mga Perdebit	
	Check-po							a selection of the stage of species of				a rains a real officials cade absoluteraceas
56		ewer's nam	ne	Date	e of int	terview		Time of i	nterview			
, 0	THICETAL	ewer 3 nau	ue « « «	Dat			adelaktiya (1° - ya ya 1° - ya taranga w	start		h <b>r</b>	. min.	nagonaling passing Children in a common or a grouphy require
								end	1	hr	. min.	
				in a second		•		duration	•••••	hr	. min.	
	201	202	203	204	205	206	207	208	209	210	unjavini randustasijo	<b>X</b>
	211	212	213	214	215	216	217	218	219	220		x
- Control of the Cont	221	222	223	224	225	226	227	228	229	230		x
	231	232	233	234	235	236	237	238	239	240		x
	241	242	243	244	245	246	247	248	249	250		x
	251	252	253	254	255	256	257	258	259	260		x
	261	262	263	264	265	266	267	268	269	270		x
400	271	272	273 <sup>°</sup>	274	275	276	277	278	279	280		x
	281	282	283	284	285	286	287	288	289	290		x
	291	292	293	294	295	296	297	298	299	300		x
	301	302	303	304	305	306	307	308	309	310		x
	311	312	313	314	315	316	317	318	319	320		x
	321	322	323	324	325	326	327	328	329	330		x
		222	222	334	335	336	337	338	339	340		x
	331	332	333	334	333	330						
	. 2	332	6	8	10	12	14	16	18	20	22	24

Appendix 5. Reweighting method and results of reweighting for 1971

Distribution of two-hour observation periods according to percentage of road-users interviewed, with reweighting method

Interview ratio as percentage of traffic	Number of observation periods	Number of re- spondents	Re- weighted to:	Number after re- weighting			
no traffic	2	_	_	_			
1.0 - 1.2 1.3 - 1.9	1 6	15 80	12x 10x	180 800			
2.0 - 2.4	4	65	8x	520			
2.5 - 2.9	9	119	6x	714			
3.0 - 3.6	10	139	5x	695			
	30		4x	1572			
		393 277					
5.0 - 5.9	21		3x	831			
6.0 - 6.9	12	155	0	1067			
7.0 - 7.9	16	195	2x	1064			
8.0 - 8.9	14	182					
9.0 - 9.9	14	141	1.1	E10			
10.0 - 10.9	6	71	$l\frac{1}{2}x$	510			
11.0 - 11.9	12 155	128 1960		6886			
12.0 - 12.9 13.0 - 13.9 14.0 - 14.9	8 5 1	91 66 11	lx lx lx	91 66 11	Should be weighted out by	Relates to re- spondents	Number after weighted
15.0 - 19.9	<u>26</u> 40	<u>277</u> 445	1x 1x	277 445	%		out
20.0 - 24.9	19	206		206	33%	68	138
25.0 - 29.9	11	101		101	45%	45	56
30.0 - 39.9	19		not	152	57%	87	65
40.0 - 49.9	7	45	weighted	45	67%	30	15
50.0 - 59.9	6	34	out	34	72%	24	10
60.0 - 69.9	3	12		12	79%	10	2
70.0 - 79.9	-	_		_	_		-
80.0 - 89.9	4	22		22	84%	18	4
100	$\frac{4}{73}$	<u>5</u> 577		<u>5</u> 577	85%	$\frac{4}{286}$	$\frac{1}{291}$
Total	270	2982		7908			

-20- (5.2.)

Results of reweighting for 1971

Size			affic aber	Ditto %	Inte Numb	rviewed er	Ditto %	Ratio	Rewe Numl	eighted ber	Ditto %	Ratio
Three lar	gest towns	8	268	17		215	7	2,6	1	220	15	14,8
Medium-si	zed towns	22	158	46	1	114	37	5,0	3	557	45	16,0
Small tow	ns	14	824	30	1	194	40	8,1	2	387	30	16,1
Rural are	as	3	404	7		459	16	13,4		744	10	21,8
Total		48 654	654	100%	2	982	100%	6,2	7	908	100%	16,2
Day and t	ime											
****	10-12	9	579	20		409	14	4,3	1	531	20	16,0
Friday	12- 2	4	688	10		354	12	7,6		761	10	16,1
	2- 4	1	703	3		225	7	13,2		278	3	16,1
	Total	15	970	33		988	33	6,2	2	570	33	16,1
	10-12	8	448	17		431	15	5,1	1	357	17	16,1
Saturday	12- 2	7	003	14		358	12	5,1	1	124	14	16,1
	2- 4	2	734	6		271	9	9,9		440	6	16,2
	Total	18	185	37	1	060	36	5,8	2	921	37	16,1
,	10-12	10	259	21		436	14	4,3	1	659	21	16,1
Sunday	12- 2	3	648	8		350	12	9,6		604	7	16,3
	2- 4		592	1		148	5	25,0		1 54	2	25,0
	Total	14	499	30		934	31	6,5	2	417	30	16,3
	10-12	28	286	58	1	276	43	4 <b>,</b> 5	4	547	58	16,1
Total	12- 2	15	339	32	1	062	36	6,9	2	489	31	16,1
	2- 4	5	029	10		644	21	12,8		872	11	17,2
	Total	48	654	100%	2	982	100%	6,2	7	908	100%	16,2

This reweighting leads to 7,908 cards, 1,790 reweighted and 1,192 not reweighted, out of the original 2,982.

Of these 1,192 cards, 236 should have been weighted out, or  $3\frac{1}{2}\%$  of the total reweighted number.

-21- (6)

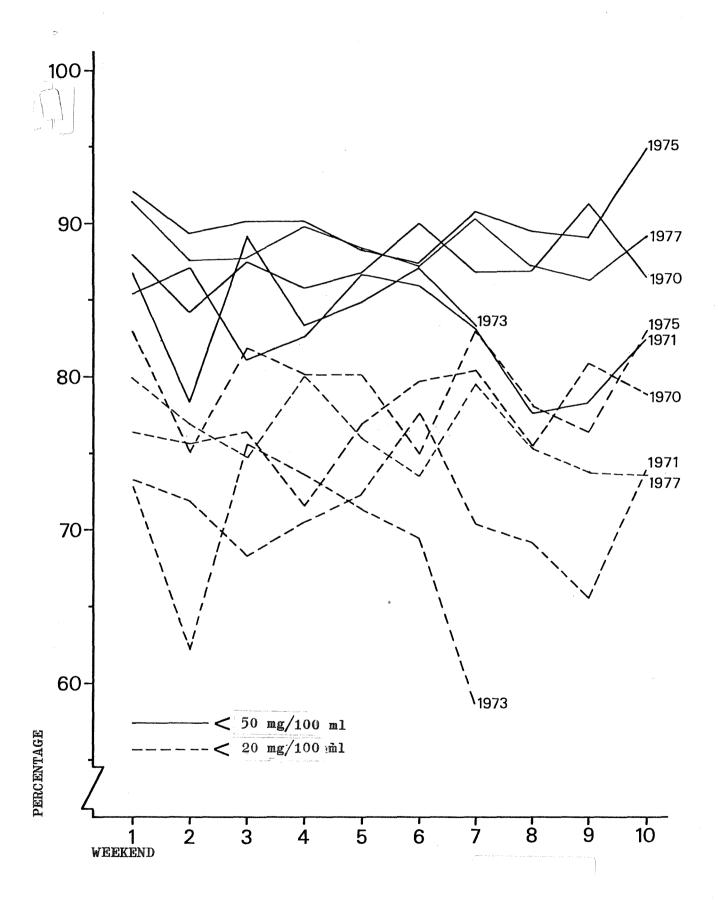
Appendix 6. Distribution of persons refusing and co-operating, by time, sex, age and nature and region of municipalities where surveys were made in 1971, 1973 and 1975

	1971 refused	co-operated	1973 refused	co-operated	1975 refused	co-operated
Time	<del></del>			<u></u>		alah dan menganyak dan
22.00-24.00 hrs	42	43	50	44	46	50
24.00-02.00 hrs	32	36	32	33	25	22
02.00-04.00 hrs	26	22	17	23	29	28
Total	100	100	100	100	100	100
Sex						
Male	87	92	87	90	87	86
Female	13	8	13	10	12	14
Total	100	100	100	100	100	100
Age group						
<25y	27	35	22	31	23	30
25-35y	32	33	35	33	33	33
35-50y	26	22	28	23	32	21
>50y	14	11	15	12	12	16
Total	100	100	100	100	100	100
Size						
Large towns	6	7	8	10	16	9
Medium-size towns	44	37	35	35	30	33
Small towns	40	40	45	44	39	47
Rural areas	10	15	12	11	15	10
Total	100	100	100	100	100	100
Regional area						
North	12	13	10	11	9	14
East	18	20	17	18	16	18
South	21	26	27	27	31	28
West	49	40	46	43	44	39
Total	100	100	100	100	100	100

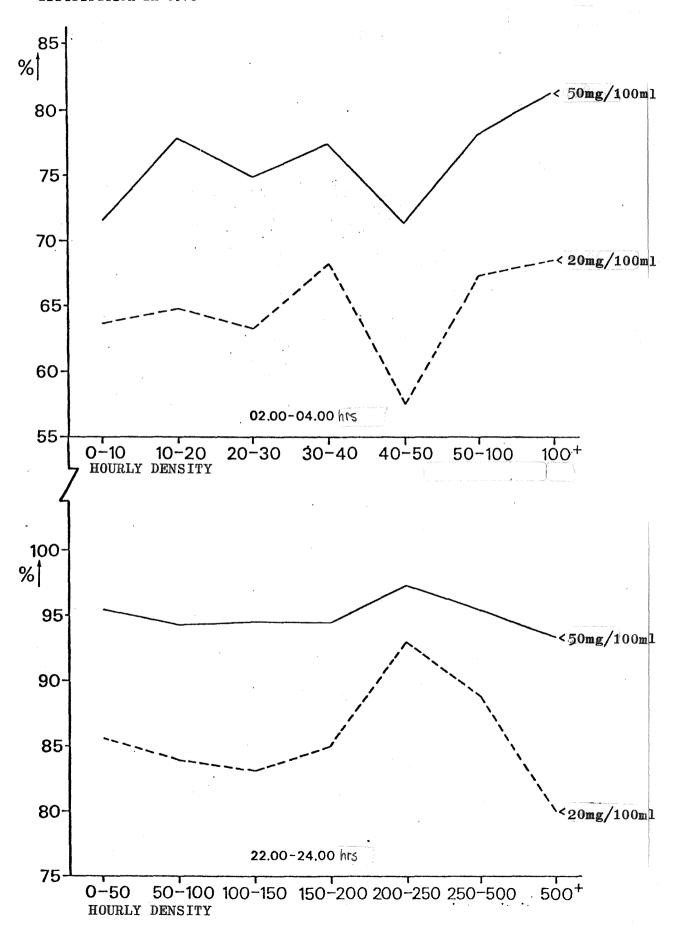
Note: This table is based on unreweighted data

-22-

Appendix 7. Relation between weekend and BAC distribution in 1970, 1971, 1973 and 1975



Appendix 8. Relationship between location, traffic density and BAC distribution in 1975



Sub-division

 $\underline{\text{Appendix 9}}$ . Statistical analysis: list of variables and results of statistical tests

Category

### List of variables

Name

Year	1:	1975	1:	category 1 against 2,3,4
	2:	1973	2:	category 2 against 3,4
	3:	1971	3:	category 3 against 4
	4:	1970		
BAC	1:	<20 mg/100 m1	1:	category 1 against 2,3,4
	2:	20 mg-50 mg/100 m1	2:	category 2 against 3,4
	3:	50 mg-100 mg/100 m1	3:	category 3 against 4
	4:	>100 mg/100 m1		
NOTE: in some cases car	tego	ories 3 and 4 are combi	nec	d and there is no sub-
division 3				
Time	1:	22.00-24.00 hrs	1:	category 1 against 2,3
	2:	00.00-02.00 hrs	2:	category 2 against 3
	3:	02.00-04.00 hrs		
Day	1:	Friday	1:	category 1,2 against 3
	2:	Saturday	2:	category 1 against 2
	3:	Sunday		
Trip origin	1:	visit	1:	category 3,4,5 against 1,2
	2:	pub etc.	2:	category 2 against 1
	3:	party	3:	category 3 against 4,5
	4:	work	4:	category 4 against 5
	5:	other		
Age	1:	<25 year	1:	category 1 against 2,3,4
	2:	25-35 year	2:	category 4 against 2,3
	3:	35-50 year	3:	category 2 against 3
	4:	>50 year		

-25- (9.2.)

Name	Category	Sub-division
Sex	1: Male 2: Female	1: category 1 against 2
Region	1: North 2: East 3: South 4: West	1: category 3,4 against 1,2 2: category 4 against 3 3: category 1 against 2
Size of municipality  NOTE: for west region	1: medium-sized towns 2: small towns 3: rural areas	1: category 1,2 against 3 2: category 1 against 2
North Tol west region	1: large towns 2: medium-sized towns 3: small towns 4: rural areas	1: category 1,2,3 against 4 2: category 1 against 2,3 3: category 2 against 3

(9.3.) -26-

## Results of statistical tests

1. Variables: A: year

B: BAC

effects	x <sup>2</sup>	d.f.	$\chi^2_{1\%}$
В	11006.9	3	11.3
АхВ	183.9	9	21.7
special effects		$z(>z_{1\%} = 2.6)$	
B1		104.8	
В2		17.5	
В3		11.3	
A1 x B1		9.0	
A1 x B2		4.2	
A2 x B1		-3.5	
A2 x B2		4.2	
A2 x B3		3.4	
A3 x B1		-5.9	

2. Variables: A: year

B: time

effects	x <sup>2</sup>	d.f.	$\chi^2_{1\%}$
В	4522.8	2	9.2
A x B	17.8	6	16.8
special effects		$z(>z_{1\%} = 2.6)$	
B1		57.2	
B2		40.6	
A1 x B1		-2.9	

3. Variables: A: time

B: BAC

effects

 $\chi^2$ 

d.f.

АхВ

858.7

6

16.8

special effects

 $z(>z_{1\%} = 2.6)$ 

A1 x B1

25.8

A1 x B2

10.5

A1 x B3

3.5

A2 x B1

A2 x B2

11.1

7.1

A2 x B3

3.3

4. Variables: A: year

B: time

C: BAC

 $\chi^2$ 

d.f.

АхВхС

effects

36.2

18

34.8

special effects

 $z(>z_{1\%} = 2.6)$ 

A1  $\times$  B1  $\times$  C1

-2.8

5. Variables: A: day

B: time

effects

 $\chi^2$ 

d.f.

 $A \times B$ 

641.6

6

	special effects		$z(>z_{1\%} = 2.6)$	
	A1 x B1		-22.2	
	A1 x B2		- 8.9	
	A2 x B1		10.3	
6.	Variables: A: year			
	B: day			
	effects	$\chi^2$	d.f.	$\chi^2_{1\%}$
	АхВ	23.3	6	16.8
	special effects		$z(>z_{1\%} = 2.6)$	
	A1 x B2		-4.3	
7.	Variables: A: year			
	B: day			
	C: time			
	effects	x <sup>2</sup>	d.f.	$\chi^2_{1\%}$
	АхВхС	49.3	12	26.2
	special effects		$z(>z_{1\%} = 2.6)$	
	A2 x B1 x C1		-4.2	
	A2 x B1 x C2		-4.7	
8.	Variables: A: day			
	B: time			
	C: BAC			
	effects	x <sup>2</sup>	d.f.	$\chi^2_{1\%}$
		,		

257.1

12

26.2

 $A \times B \times C$ 

special effects		$z(>z_{1\%} = 2.6)$	
A1 x B1 x C1 A1 x B1 x C2 A1 x B2 x C1 A1 x B2 x C2		-6.8 4.1 7.3 -7.9	
9. For time 1 only: Variables: A: day B: BAC			
effects	$\chi^2$	d.f.	$\chi^2_{1\%}$
АхВ	15.2	6	16.8
special effects		$z(>z_{1\%} = 2.6)$	
A1 x B1		-3.1	
10. For time 2 only:  Variables: A: day  B: BAC			
effects	χ <sup>2</sup>	d.f.	$\chi^2_{1\%}$
АхВ	302.3	6	16.8
special effects		$z(>z_{1\%} = 2.6)$	
A1 x B1 A1 x B2		11.7 -11.5	
<ul><li>11. For time 3 only:</li><li>Variables: A: day</li><li>B: BAC</li></ul>			
effects	$\chi^2$	d.f.	$\chi^2_{1\%}$
АхВ	12.4	6	16.8

12. Variables: A: year

B: day

C: time

D: BAC

effects

 $\chi^2$ 

d.f.

,2 1%

АхВхD

43.0

18

34.8

АхВхСхD

58.7

36

58.6

special effects

 $z(>z_{1\%} = 2.6)$ 

A1 x B2 x D1

A3 x B2 x D3

-4.0

-2.8

13. Variables: A: time

B: trip origin

effects

 $\chi^2$ 

d.f.

χ<sub>1%</sub>

АхВ

820.7

8

20.0

special effects

 $z(>z_{1\%} = 2.6)$ 

A1 x B1

A1 x B2

A1 x B3

A1 x B4

A2 x B1

A2 x B2

A2 x B3

A2 x B4

4.2

-15.8

-11.7

-10.7

- 5.8

- 9.9

- 3.4

- 5.6

#### 14. Variables: A: year

B: trip origin

effects

 $\chi^2$ 

d.f.

A x B

192.6

12

26.2

special effects

 $z(>z_{1\%} = 2.6)$ 

A1 x B2

-7.8

A1 x B4

-2.7

A2 x B1

A2 x B3

5.6

A3 x B1

4.4

6.6

A3 x B3

8.9

A3 x B4

-3.0

15. Variables: A: year

B: time

C: trip origin

effects

d.f.

AxBxC

43.4

24

43.0

special effects

 $z(>z_{1\%} = 2.6)$ 

A2 x B1 x C1

3.0

 $A2 \times B1 \times C2$ 

-3.5

16. Variables: A: time

B: trip origin

C: BAC

effects

d.f.

АхВхС

83.2

24

$$z(>z_{1\%} = 2.6)$$

A2 x B2 x C1

A2 x B2 x C2

 $A2 \times B2 \times C3$ 

-4.3

-4.3

-2.7

-2.9

#### 17. For time 1 only:

Variables: A: trip origin

B: BAC

effects

 $\chi^2$ 

d.f.

A x B

275.3

12

26.2

special effects

$$z(>z_{1\%} = 2.6)$$

A1 x B1

A2 x B1

A3 x B1

4.9

-11.8

- 4.4

#### 18. For time 2 only:

Variables: A: trip origin

B: BAC

effects

 $\chi^2$ 

d.f.

A x B

230.9

12

26.2

special effects

$$z(>z_{1\%} = 2.6)$$

Al x Bl

A2 x B1

A2 x B2

A2 x B3

A3 x B1

6.4

-12.0

- 3.5

- 4.3

- 3.5

### 19. For time 3 only:

Variables: A: trip origin

B: BAC

effects

 $\chi^2$ 

d.f.

2 1%

АхВ

130.0

12

26.2

special effects

$$z(>z_{1\%} = 2.6)$$

A1 x B1

6.3

A2 x B1

-5.3

A3 x B1

-5.5

A4 x B1

-2.9

20. Variables: A: year

B: time

C: trip origin

D: BAC (categories 3 and 4 combined)

effects

 $\chi^2$ 

d.f.

2 X 1 3

AxCxD

38.0

24

43.0

AxBxCxD

66.1

48

73.7

special effects

 $z(>z_{1\%} = 2.6)$ 

A1  $\times$  C1  $\times$  D1

2.7

21. Variables: A: time

B: age

effects

 $\chi^2$ 

d.f.

2

В

1194.9

3

11.3

АхВ

224.3

6

special effects
-----------------

$$z(>z_{1\%} = 2.6)$$

B1

В2

В3

A1 x B1

A1 x B2

A1 x B3

A2 x B2

. . . . .

20.8

-27.6

15.4

- 5.7

11.9

- 6.2

6.9

## 22. Variables: A: year

B: age

effects

 $\chi^2$ 

d.f.

 $\chi_{1\%}^{2}$ 

АхВ

35.2

9

21.7

special effects

$$z(>z_{1\%} = 2.6)$$

A1 x B1

A1 x B2

A2 x B1

-3.2

3.2

-3.0

23. Variables: A: year

B: time

C: age

effects

 $\chi^2$ 

d.f.

2 X<sub>1%</sub>

АхВхС

26.9

18

34.3

special effects

$$z(>z_{1\%} = 2.6)$$

A1 x B2 x C3

A2 x B2 x C3

2.7

-2.8

24. Variables: A: time

B: age

C: BAC

effects

 $\chi^2$ 

d.f.

 $\chi^{2}_{1\%}$ 

АхВхС

37.8

18

34.8

special effects

 $z(>z_{1\%} = 2.6)$ 

A2 x B1 x C1

-4.0

25. For time 1 only:

Variables: A: age

B: BAC

 $\chi^2$ 

d.f.

2 X 1 %

A x B

effects

19.0

9

21.7

special effects

 $z(>z_{1\%} = 2.6)$ 

A2 x B1

3.0

26. For time 2 only:

Variables: A: age

B: BAC

effects

 $\chi^2$ 

d.f.

2

АхВ

28.5

9

21.7

special effects

 $z(>z_{1\%} = 2.6)$ 

A1 x B1

-3.2

A2 x B1

27. For time 3 only:

Variables: A: age

B: BAC

effects

 $\chi^2$ 

d.f.

χ<sup>2</sup> 1%

АхВ

32.7

9

21.7

28. Variables: A: year

B: time

C: age

D: BAC (categories 3 and 4 combined)

effects

 $\chi^2$ 

d.f.

AxCxD

40.5

18

34.8

AxBxCxD

28.3

36

58.6

29. Variables: A: year

B: sex

effects

 $\chi^2$ 

d.f.

 $\chi_1^2$ 

В

4718.7

1

6.6

A x B

92.1

3

11.3

special effects

 $z(>z_{1\%} = 2.6)$ 

A1 x B1

-9.3

30. Variables: A: sex

B: BAC

effects

 $\sqrt{2}$ 

d.f.

,2

АхВ

183.3

3

effects  $\chi^2$  d.f.  $\chi^2_{1\%}$ A x B x C 27.9 6 16.8 special effects  $z(>z_{1\%}=2.6)$ A1 x B1 x C2 -3.8

32. Variables: A: region
B: BAC

effects  $\chi^2$  d.f.  $\chi^2_{1\%}$ 

A x B 98.9 9 21.7

special effects  $z(>z_{1\%} = 2.6)$  Al x Bl -5.9

A1 x B2 -3.0
A2 x B1 5.7
A2 x B2 3.7

33. Variables: A: size of municipality
B: BAC

effects  $\chi^2$  d.f.  $\chi^2_{1\%}$  A x B 5.0 9 16.8

34. For West region only:

Variables: A: size of municipality (4 categories)

B: BAC

effects

 $\chi^2$ 

d.f.

 $\chi^2_{1\%}$ 

A x B

20.3

9

21.7

35. Variables: A: region

B: size of municipality

C: BAC

effects

 $\chi^2$ 

d.f.

 $\chi_{12}^2$ 

АхВхС

27.7

18

34.8

special effects

 $z(>z_{1\%} = 2.6)$ 

A3 x B2 x C3

2.7

36. Variables: A: year

B: region

C: BAC

effects

 $\chi^2$ 

d.f.

χ2 χ,

АхВ

53.1

9

21.7

АхвхС

81.8

27

47.0

special effects

 $z(>z_{1\%} = 2.6)$ 

A2 x B3

-3.9

A3 x B1

\_

ום א כא

-3.7

A1  $\times$  B1  $\times$  C1

-2.6

A1 x B2 x C2

2.6

A2 x B1 x C3

4.4

A3 x B1 x C1

37. Variables: A: year

B: size of municipality

C: BAC

$\chi^2$	d.f.	$\chi^2_{1\%}$
46.2	6	16.8
42.7	18	34.8
		46.2

 $z(>z_{1\%} = 2.6)$ special effects

38. For West region only:

Variables: A: year

B: size of municipality

C: BAC

effects	$\chi^2$	d.f.	$\chi^2_{1\%}$
АхВ	51.0	9	21.7
АхВхС	46.2	27	47.0
special effects		$z(>z_{1\%} = 2.6)$	

 $\chi^2_{1\%}$ 

34.8 81.1

39. Variables: A: year

A3 x B2 x C2 x D2

B: region

C: size of municipality

D: BAC

effects	$\chi^2$	d.f.
A x B x C A x B x C x D	137.2 94.8	18 54
special effects		$z(>z_{1\%} = 2.6)$
A1 x B1 x C1 A1 x B1 x C2		-7.9 -3.0
A1 x B2 x C3 A2 x B1 x C1 A2 x B1 x C2		-3.3 2.8 4.7
A2 x B1 x C3 A2 x B2 x C1 A2 x B3 x C1 x D3		2.7 3.2 -2.6