

# **RIDERSCAN Survey 1 : Motorcycling Community**

## **D2 - Accidents Results for Denmark**



# Symbols meaning

## Test results

Statistics

Thresholds | Strict calculations | Principal elements

### Symbols for the significance of relationships

	VS	S	LS	NS
Nominal/Nominal (ch <sup>2</sup> )	1%	5%	15%	
Nominal/Numeric (anova)	1%	5%	15%	
Numeric/Numeric (corr.)	0.8	0.6	0.4	

Thresholds are used to indicate the level of significance of relationships (shown as a symbol). Relationships not calculated (strict calculations) are marked 'X'.

OK Cancel

Statistics

Thresholds | Strict calculations | Principal elements

### Conditions for the calculation of relationships

Apply rules for strict calculations

For Nominal/Numeric and Nominal/Nominal relationships, each modality must have a minimum frequency of: 30

For Nominal/Nominal relationships the percentage of pairs of theoretical frequency less than 5 must be lower than: 20%

Relationships which do not meet these criteria will not be calculated and will be marked with an 'X'.

OK Cancel



### Conditional cell layout

Conditional cell layout

Page layouts:  
Elements over-represented/evaluated  
Elements under-represented/evaluated

Add Delete

Description:

Mode: Elements under-represented/evaluated

Only significant elements

Format

Bkgnd: None

Text:  Colour: █  Font: ...

Preview: Abc 3.14

Apply to:

Cell  Row heading  Whole row  
 Graph  Column heading  Whole column

OK Cancel

Conditional cell layout

Page layouts:  
Elements over-represented/evaluated  
Elements under-represented/evaluated

Add Delete

Description:

Mode: Elements over-represented/evaluated

Only significant elements

Format

Bkgnd: None

Text:  Colour: █  Font: ...

Preview: Abc 3.14

Apply to:

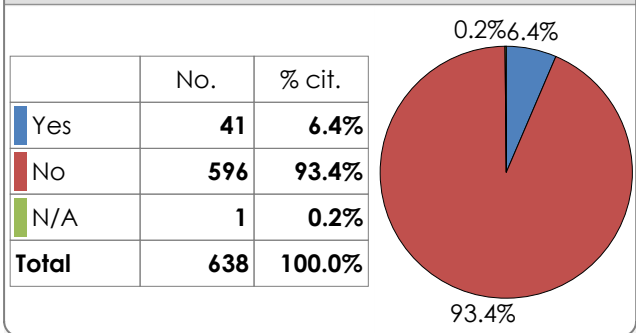
Cell  Row heading  Whole row  
 Graph  Column heading  Whole column

OK Cancel



# IV. Safety habits

**V-31 - Have you been involved in an accident in any form during the last twelve months?**



## Gender

**Gender**  
Have you been involved in an accident in any form during the last twelve months?

% Without N/A

	Male		Female		Total	
	N	% cit.	N	% cit.	N	% cit.
Yes	41	6.6%	0	0.0%	41	6.4%
No	581	93.4%	15	100.0%	596	93.6%
<b>Total</b>	<b>622</b>	<b>100.0%</b>	<b>15</b>	<b>100.0%</b>	<b>637</b>	

p = 30.4% ; chi2 = 1.06 ; dof = 1 (X)

## Age

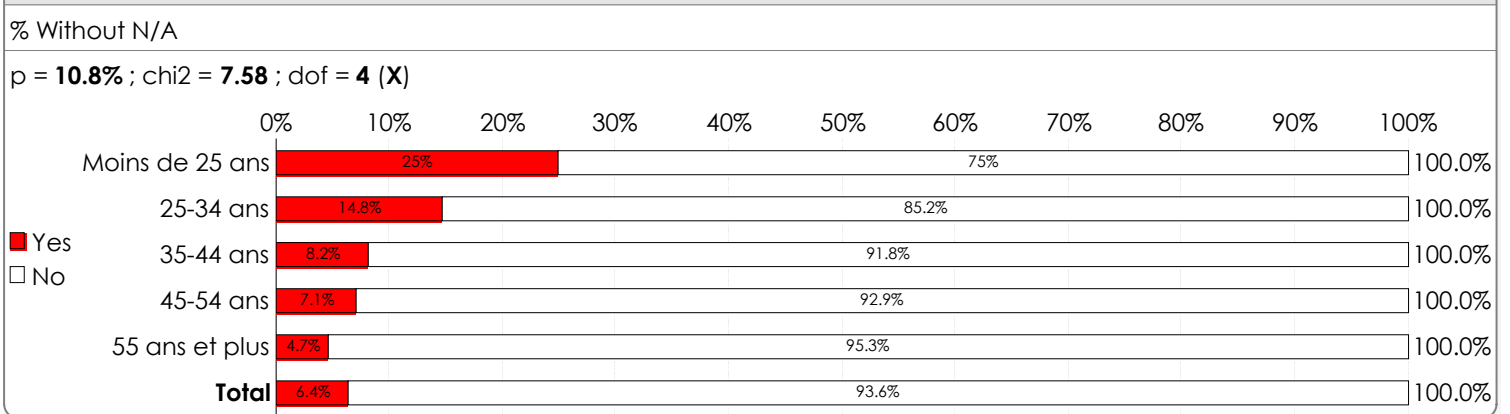
**Age Groups**  
Have you been involved in an accident in any form during the last twelve months?

% Without N/A

	Moins de 25 ans		25-34 ans		35-44 ans		45-54 ans		55 ans et plus		Total	
	N	% cit.	N	% cit.	N	% cit.	N	% cit.	N	% cit.	N	% cit.
Yes	1	25.0%	4	14.8%	6	8.2%	14	7.1%	16	4.7%	41	6.4%
No	3	75.0%	23	85.2%	67	91.8%	182	92.9%	321	95.3%	596	93.6%
<b>Total</b>	<b>4</b>	<b>100.0%</b>	<b>27</b>	<b>100.0%</b>	<b>73</b>	<b>100.0%</b>	<b>196</b>	<b>100.0%</b>	<b>337</b>	<b>100.0%</b>	<b>637</b>	

p = 10.8% ; chi2 = 7.58 ; dof = 4 (X)

**Age Groups**  
Have you been involved in an accident in any form during the last twelve months?



## Geographical situation

Have you been involved in an accident in any form during the last twelve months?

Country

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Denmark	41	6.4%	596	93.6%	637	100.0%
<b>Total</b>	<b>41</b>	<b>6.4%</b>	<b>596</b>	<b>93.6%</b>	<b>637</b>	

p = 100.0% ; chi2 = 0.00 ; dof = 0 (NS)



## Social and occupational situation

Have you been involved in an accident in any form during the last twelve months?

Professional/social activity

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Farmer	0	0.0%	5	100.0%	5	100.0%
Small business owner (<10 employees)	0	0.0%	17	100.0%	17	100.0%
Business owner (>10 employees)	0	0.0%	3	100.0%	3	100.0%
Self-employed professional (architect, medical doctor, nurse, lawyer...)	1	11.1%	8	88.9%	9	100.0%
Employee	21	5.8%	343	94.2%	364	100.0%
Factory worker	1	4.2%	23	95.8%	24	100.0%
Pensioner	2	3.7%	52	96.3%	54	100.0%
Student	3	21.4%	11	78.6%	14	100.0%
Job seeker	3	14.3%	18	85.7%	21	100.0%
Other	2	5.4%	35	94.6%	37	100.0%
No professional activity (parent at home, etc.)	0	0.0%	2	100.0%	2	100.0%
<b>Total</b>	<b>33</b>	<b>6.0%</b>	<b>517</b>	<b>94.0%</b>	<b>550</b>	

p = **33.4%** ; chi2 = **11.31** ; dof = **10 (X)**

Have you been involved in an accident in any form during the last twelve months?

I\_7New

Non ([V-31] Parmi "NonRéponse ; N/A")

% Without N/A

	Yes		No	
	N	% obs.	N	% obs.
[Primary school] Your education	17	5.9%	269	94.1%
[Secondary school] Your education	6	4.9%	116	95.1%
[Technical degree] Your education	22	6.7%	305	93.3%
[Licence/Bachelor (University)] Your education	7	6.0%	109	94.0%
[Master's degree (University)] Your education	5	8.8%	52	91.2%
[Doctorate] Your education	0	0.0%	3	100.0%
[Post-doctorate] Your education	0	0.0%	1	100.0%
[Engineer] Your education	4	9.5%	38	90.5%
[None] Your education	0	0.0%	5	100.0%
<b>Total</b>	<b>41</b>	<b>6.4%</b>	<b>596</b>	<b>93.6%</b>

p = **96.3%** ; chi2 = **2.48** ; dof = **8 (X)**



**Have you been involved in an accident in any form during the last twelve months?  
What is your family situation (household)?**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Single, no children	<a href="#">12</a>	12.0%	88	88.0%	100	100.0%
Single with children	1	2.9%	34	97.1%	35	100.0%
In a relationship, no children	9	6.7%	126	93.3%	135	100.0%
In a relationship, with children	19	5.4%	334	94.6%	353	100.0%
Other	0	0.0%	11	100.0%	11	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>593</b>	<b>93.5%</b>	<b>634</b>	

p = 12.2% ; chi2 = 7.27 ; dof = 4 (LS)

**Have you been involved in an accident in any form during the last twelve months?  
Family (household) average gross yearly income**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
< 10.000€/£8.000	0	0.0%	2	100.0%	2	100.0%
Between 10.000€ and 20.000€/£8.000 and £16.000	3	17.6%	14	82.4%	17	100.0%
Between 20.000€ and 30.000€/£16.000 and £24.000	3	11.5%	23	88.5%	26	100.0%
Between 30.000€ and 40.000€/£24.000 and £32.000	2	3.1%	62	96.9%	64	100.0%
Between 40.000€ and 50.000€/£32.000 and £40.000	4	7.7%	48	92.3%	52	100.0%
Between 50.000€ and 60.000€/£40.000 and £48.000	4	5.4%	70	94.6%	74	100.0%
> 60.000€/£48.000	23	6.1%	356	93.9%	379	100.0%
<b>Total</b>	<b>39</b>	<b>6.4%</b>	<b>575</b>	<b>93.6%</b>	<b>614</b>	

p = 38.0% ; chi2 = 6.40 ; dof = 6 (X)

**Do you work for the motorcycle sector?  
Have you been involved in an accident in any form during the last twelve months?**

% Without N/A

	yes (Do you work for the motorcycle sector?)		no (Do you work for the motorcycle sector?)		Total	
	N	% cit.	N	% cit.	N	% cit.
Yes (Have you been involved in an accident in any form during the last twelve months?)	0	0.0%	41	6.6%	41	6.5%
No (Have you been involved in an accident in any form during the last twelve months?)	9	100.0%	584	93.4%	593	93.5%
<b>Total</b>	<b>9</b>	<b>100.0%</b>	<b>625</b>	<b>100.0%</b>	<b>634</b>	

p = 42.7% ; chi2 = 0.63 ; dof = 1 (X)



## Used categories of vehicles

Have you been involved in an accident in any form during the last twelve months?  
Which category of vehicle does your driving licence allow you to operate?

Non ([V-31] Parmi "NonRéponse ; N/A")

	Yes		No	
	N	% obs.	N	% obs.
[AM]	8	12.5%	56	87.5%
[A1]	20	8.8%	207	91.2%
[A2]	12	9.9%	109	90.1%
[A]	30	6.6%	426	93.4%
[B1]	8	9.0%	81	91.0%
[B]	38	6.8%	517	93.2%
[C1]	7	12.1%	51	87.9%
[C]	18	7.3%	228	92.7%
[D1]	5	9.1%	50	90.9%
[D]	13	6.1%	199	93.9%
[BE]	10	6.1%	155	93.9%
[C1E]	5	10.6%	42	89.4%
[CE]	5	4.4%	109	95.6%
[D1E]	4	8.7%	42	91.3%
[DE]	5	4.8%	100	95.2%
<b>Total</b>	<b>41</b>	<b>6.4%</b>	<b>596</b>	<b>93.6%</b>

p = 62.9% ; chi2 = 11.72 ; dof = 14 (NS)

## The experience of the drivers

Experience of the drivers (in years)

Have you been involved in an accident in any form during the last twelve months?

% Without N/A

	Experience of the drivers (in years)					
	Mean	Std deviation	Min	Max	Median	Frequency
Yes	30.80	12.55	4.00	52.00	34.00	40
No	35.05	10.45	3.00	58.00	37.00	583
<b>Total</b>	<b>34.78</b>	<b>10.64</b>	<b>3.00</b>	<b>58.00</b>	<b>36.00</b>	<b>623</b>

p = 1.4% ; F = 6.04 (S)





**Have you been involved in an accident in any form during the last twelve months?  
Experience of the drivers (in years)**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Less than 10.00	3	21.4%	11	78.6%	14	100.0%
From 10.00 to 20.00	6	12.2%	43	87.8%	49	100.0%
From 20.00 to 30.00	5	5.0%	95	95.0%	100	100.0%
From 30.00 to 40.00	16	6.8%	218	93.2%	234	100.0%
40.00 and more	10	4.4%	216	95.6%	226	100.0%
<b>Total</b>	<b>40</b>	<b>6.4%</b>	<b>583</b>	<b>93.6%</b>	<b>623</b>	

p = 4.2% ; chi2 = 9.92 ; dof = 4 (S)

**Their awareness**

**Have you been involved in an accident in any form during the last twelve months?  
Are you a member of a national motorcyclists association?**

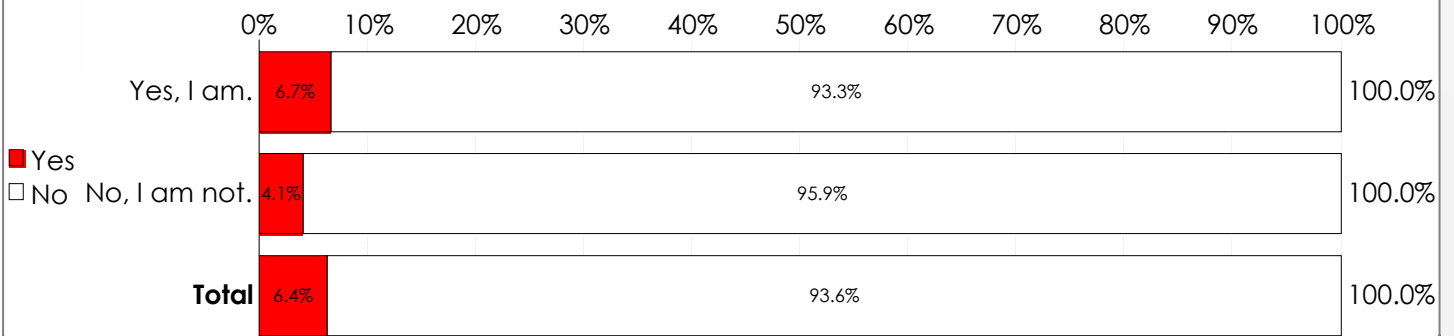
% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Yes, I am.	36	6.7%	499	93.3%	535	100.0%
No, I am not.	3	4.1%	70	95.9%	73	100.0%
<b>Total</b>	<b>39</b>	<b>6.4%</b>	<b>569</b>	<b>93.6%</b>	<b>608</b>	

p = 39.2% ; chi2 = 0.73 ; dof = 1 (X)

**Have you been involved in an accident in any form during the last twelve months?  
Are you a member of a national motorcyclists association?**

p = 39.2% ; chi2 = 0.73 ; dof = 1 (X)



**Have you been involved in an accident in any form during the last twelve months?  
Are you a member of a motorcycling/Motoring club?**

% Without N/A

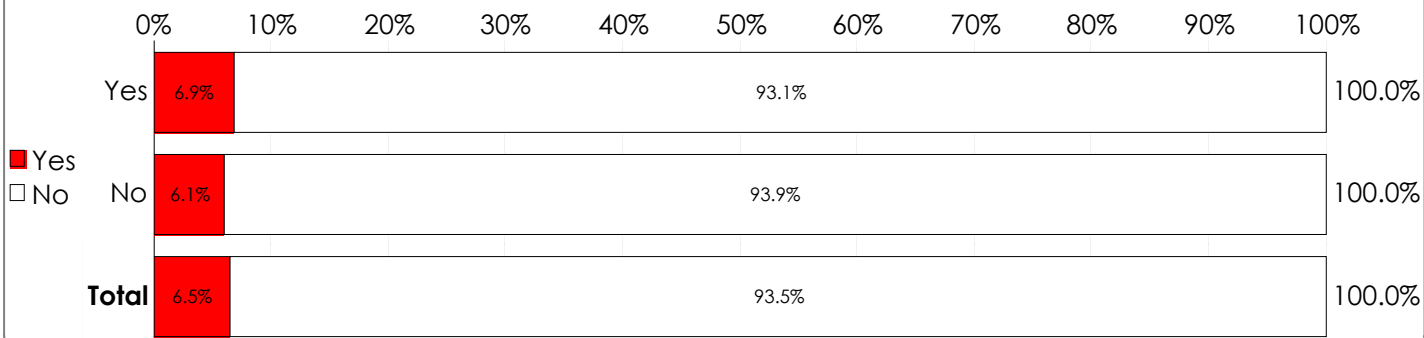
	Yes (Have you been involved in an accident in any form during the last twelve months?)		No (Have you been involved in an accident in any form during the last twelve months?)		Total	
	N	% cit.	N	% cit.	N	% cit.
Yes (Are you a member of a motorcycling/Motoring club?)	22	6.9%	295	93.1%	317	100.0%
No (Are you a member of a motorcycling/Motoring club?)	19	6.1%	295	93.9%	314	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>590</b>	<b>93.5%</b>	<b>631</b>	

p = 65.1% ; chi2 = 0.21 ; dof = 1 (NS)

**Have you been involved in an accident in any form during the last twelve months?  
Are you a member of a motorcycling/Motoring club?**

% Without N/A

p = 65.1% ; chi2 = 0.21 ; dof = 1 (NS)



## Safety information sources

% Without N/A

	Yes		No			
	N	% cit.	N	% cit.	N	% cit.
1 (most important)	10	7.7%	120	92.3%	130	100.0%
2	9	4.0%	215	96.0%	224	100.0%
3	10	6.9%	134	93.1%	144	100.0%
4 (least important)	9	10.1%	80	89.9%	89	100.0%
<b>[motorcycling friends]</b>	<b>38</b>	<b>6.5%</b>	<b>549</b>	<b>93.5%</b>	<b>587</b>	
1 (most important)	18	8.4%	196	91.6%	214	100.0%
2	11	5.2%	202	94.8%	213	100.0%
3	4	4.3%	89	95.7%	93	100.0%
4 (least important)	3	6.4%	44	93.6%	47	100.0%
<b>[your national motorcyclists' organization in your country]</b>	<b>36</b>	<b>6.3%</b>	<b>531</b>	<b>93.7%</b>	<b>567</b>	
1 (most important)	15	8.2%	169	91.8%	184	100.0%
2	8	5.9%	128	94.1%	136	100.0%
3	7	6.7%	98	93.3%	105	100.0%
4 (least important)	7	6.6%	99	93.4%	106	100.0%
<b>[rider education in traffic schools]</b>	<b>37</b>	<b>7.0%</b>	<b>494</b>	<b>93.0%</b>	<b>531</b>	
1 (most important)	10	6.3%	150	93.8%	160	100.0%
2	17	5.7%	280	94.3%	297	100.0%
3	11	9.5%	105	90.5%	116	100.0%
4 (least important)	1	3.3%	29	96.7%	30	100.0%
<b>[articles in motorcycle magazines]</b>	<b>39</b>	<b>6.5%</b>	<b>564</b>	<b>93.5%</b>	<b>603</b>	
1 (most important)	20	7.1%	262	92.9%	282	100.0%
2	10	6.7%	140	93.3%	150	100.0%
3	5	7.5%	62	92.5%	67	100.0%
4 (least important)	4	7.0%	53	93.0%	57	100.0%
<b>[advanced training]</b>	<b>39</b>	<b>7.0%</b>	<b>517</b>	<b>93.0%</b>	<b>556</b>	
1 (most important)	4	11.1%	32	88.9%	36	100.0%
2	3	2.5%	115	97.5%	118	100.0%
3	16	8.7%	168	91.3%	184	100.0%
4 (least important)	13	7.2%	168	92.8%	181	100.0%
<b>[friends or family]</b>	<b>36</b>	<b>6.9%</b>	<b>483</b>	<b>93.1%</b>	<b>519</b>	

[motorcycling friends] / p = **20.8%** ; chi2 = **4.55** ; dof = **3 (NS)**[your national motorcyclists' organization in your country] / p = **44.2%** ; chi2 = **2.69** ; dof = **3 (X)**[rider education in traffic schools] / p = **87.8%** ; chi2 = **0.68** ; dof = **3 (NS)**[articles in motorcycle magazines] / p = **47.3%** ; chi2 = **2.51** ; dof = **3 (NS)**[advanced training] / p = **99.7%** ; chi2 = **0.05** ; dof = **3 (NS)**[friends or family] / p = **14.5%** ; chi2 = **5.40** ; dof = **3 (X)**

## Safety information sources

% Without N/A

	Yes		No			
	N	% cit.	N	% cit.	N	% cit.
1 (most important)	13	7.8%	154	92.2%	167	100.0%
2	12	8.0%	138	92.0%	150	100.0%
3	4	4.3%	89	95.7%	93	100.0%
4 (least important)	7	6.7%	98	93.3%	105	100.0%
<b>[license training before the motorcycle license]</b>	<b>36</b>	<b>7.0%</b>	<b>479</b>	<b>93.0%</b>	<b>515</b>	
1 (most important)	7	11.7%	53	88.3%	60	100.0%
2	9	4.7%	184	95.3%	193	100.0%
3	10	5.9%	159	94.1%	169	100.0%
4 (least important)	9	8.3%	100	91.7%	109	100.0%
<b>[motorcycle clubs]</b>	<b>35</b>	<b>6.6%</b>	<b>496</b>	<b>93.4%</b>	<b>531</b>	
1 (most important)	3	5.2%	55	94.8%	58	100.0%
2	14	9.0%	141	91.0%	155	100.0%
3	11	5.9%	174	94.1%	185	100.0%
4 (least important)	8	6.4%	117	93.6%	125	100.0%
<b>[the National Transport Administration]</b>	<b>36</b>	<b>6.9%</b>	<b>487</b>	<b>93.1%</b>	<b>523</b>	
1 (most important)	5	5.2%	91	94.8%	96	100.0%
2	14	7.1%	184	92.9%	198	100.0%
3	13	8.2%	145	91.8%	158	100.0%
4 (least important)	7	7.1%	92	92.9%	99	100.0%
<b>[information from Road Safety agencies]</b>	<b>39</b>	<b>7.1%</b>	<b>512</b>	<b>92.9%</b>	<b>551</b>	
1 (most important)	3	7.9%	35	92.1%	38	100.0%
2	12	11.0%	97	89.0%	109	100.0%
3	10	5.2%	182	94.8%	192	100.0%
4 (least important)	11	6.1%	169	93.9%	180	100.0%
<b>[motorcycle dealers]</b>	<b>36</b>	<b>6.9%</b>	<b>483</b>	<b>93.1%</b>	<b>519</b>	
1 (most important)	1	5.3%	18	94.7%	19	100.0%
2	8	11.0%	65	89.0%	73	100.0%
3	13	7.3%	166	92.7%	179	100.0%
4 (least important)	14	6.1%	217	93.9%	231	100.0%
<b>[motorcycle manufacturers]</b>	<b>36</b>	<b>7.2%</b>	<b>466</b>	<b>92.8%</b>	<b>502</b>	

[license training before the motorcycle license] / p = **69.4%** ; chi2 = **1.45** ; dof = **3 (NS)**[motorcycle clubs] / p = **23.2%** ; chi2 = **4.29** ; dof = **3 (NS)**[the National Transport Administration] / p = **64.1%** ; chi2 = **1.68** ; dof = **3 (NS)**[information from Road Safety agencies] / p = **84.3%** ; chi2 = **0.83** ; dof = **3 (NS)**[motorcycle dealers] / p = **26.9%** ; chi2 = **3.93** ; dof = **3 (NS)**[motorcycle manufacturers] / p = **55.0%** ; chi2 = **2.11** ; dof = **3 (NS)**

**Have you been involved in an accident in any form during the last twelve months?  
What are your safety information sources? Most Important.**

**Non ([V-31] Parmi "NonRéponse ; N/A")**

% Without N/A

	Yes		No	
	N	% obs.	N	% obs.
[motorcycling friends]	10	7.7%	120	92.3%
[your national motorcyclists' organization in your country]	18	8.4%	196	91.6%
[rider education in traffic schools]	15	8.2%	169	91.8%
[articles in motorcycle magazines]	10	6.3%	150	93.8%
[advanced training]	20	7.1%	262	92.9%
[friends or family]	4	11.1%	32	88.9%
[license training before the motorcycle license]	13	7.8%	154	92.2%
[motorcycle clubs]	7	11.7%	53	88.3%
[the National Transport Administration]	3	5.2%	55	94.8%
[information from Road Safety agencies]	5	5.2%	91	94.8%
[motorcycle dealers]	3	7.9%	35	92.1%
[motorcycle manufacturers]	1	5.3%	18	94.7%
[Other]	4	12.1%	29	87.9%
<b>Total</b>	<b>41</b>	<b>6.4%</b>	<b>596</b>	<b>93.6%</b>

p = **95.1%** ; chi2 = **5.20** ; dof = **12 (NS)**



## Their riding habits

Have you been involved in an accident in any form during the last twelve months?  
How many km/miles do you drive (in your car) approximately per year?

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Less than 1000km/600mi	<b>8</b>	<b>28.6%</b>	<b>20</b>	<b>71.4%</b>	<b>28</b>	<b>100.0%</b>
1000 to 3000km/601 to 1800mi	<b>2</b>	<b>6.9%</b>	<b>27</b>	<b>93.1%</b>	<b>29</b>	<b>100.0%</b>
3001 to 5000km/1801 to 3000mi	<b>0</b>	<b>0.0%</b>	<b>27</b>	<b>100.0%</b>	<b>27</b>	<b>100.0%</b>
5001 to 7000km/3001 to 4500mi	<b>2</b>	<b>5.4%</b>	<b>35</b>	<b>94.6%</b>	<b>37</b>	<b>100.0%</b>
7001 to 10000km/4501 to 6000mi	<b>3</b>	<b>4.3%</b>	<b>66</b>	<b>95.7%</b>	<b>69</b>	<b>100.0%</b>
10001 to 15000km/6001 to 10000mi	<b>5</b>	<b>3.8%</b>	<b>127</b>	<b>96.2%</b>	<b>132</b>	<b>100.0%</b>
More than 15000km/10000mi	<b>16</b>	<b>5.8%</b>	<b>261</b>	<b>94.2%</b>	<b>277</b>	<b>100.0%</b>
<b>Total</b>	<b>36</b>	<b>6.0%</b>	<b>563</b>	<b>94.0%</b>	<b>599</b>	

p = **<0.1%** ; chi2 = **28.54** ; dof = **6 (X)**

Have you been involved in an accident in any form during the last twelve months?  
How many km/miles do you ride (on your bike) approximately per year?

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Less than 1000km/600mi	<b>0</b>	<b>0.0%</b>	<b>11</b>	<b>100.0%</b>	<b>11</b>	<b>100.0%</b>
1000 to 3000km/601 to 1800mi	<b>4</b>	<b>6.2%</b>	<b>61</b>	<b>93.8%</b>	<b>65</b>	<b>100.0%</b>
3001 to 5000km/1801 to 3000mi	<b>4</b>	<b>3.3%</b>	<b>116</b>	<b>96.7%</b>	<b>120</b>	<b>100.0%</b>
5001 to 7000km/3001 to 4500mi	<b>5</b>	<b>4.1%</b>	<b>118</b>	<b>95.9%</b>	<b>123</b>	<b>100.0%</b>
7001 to 10000km/4501 to 6000mi	<b>4</b>	<b>3.1%</b>	<b>124</b>	<b>96.9%</b>	<b>128</b>	<b>100.0%</b>
10001 to 15000km/6001 to 10000mi	<b>11</b>	<b>10.1%</b>	<b>98</b>	<b>89.9%</b>	<b>109</b>	<b>100.0%</b>
More than 15000km/10000mi	<b>12</b>	<b>16.4%</b>	<b>61</b>	<b>83.6%</b>	<b>73</b>	<b>100.0%</b>
<b>Total</b>	<b>40</b>	<b>6.4%</b>	<b>589</b>	<b>93.6%</b>	<b>629</b>	

p = **0.2%** ; chi2 = **20.94** ; dof = **6 (X)**



Use of your powered two-wheelers?

Total must reach 100%.

Have you participated in voluntary advanced training (post-licence training)?

	Yes	No	Total
[going to work/school/university (commuting)] [Percent (%)]	<b>26.83</b>	<b>23.21</b>	<b>23.44</b>
[leisure/hobby/sport (short rides)] [Percent (%)]	<b>43.02</b>	<b>47.51</b>	<b>47.22</b>
[professional use] [Percent (%)]	<b>3.17</b>	<b>1.74</b>	<b>1.83</b>
[long distance travelling] [Percent (%)]	<b>26.24</b>	<b>25.89</b>	<b>25.91</b>
[Other] [Percent (%)]	<b>0.73</b>	<b>1.26</b>	<b>1.22</b>

/ [going to work/school/university (commuting)] [Percent (%)] p = **42.7%** ; F = **0.65 (NS)**

/ [leisure/hobby/sport (short rides)] [Percent (%)] p = **33.3%** ; F = **0.95 (NS)**

/ [professional use] [Percent (%)] p = **36.9%** ; F = **0.82 (NS)**

/ [long distance travelling] [Percent (%)] p = **88.8%** ; F = **<0.01 (NS)**

/ [Other] [Percent (%)] p = **64.5%** ; F = **0.22 (NS)**

Have you been involved in an accident in any form during the last twelve months?

How often do you ride?

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
everyday	<b>12</b>	<b>13.6%</b>	<b>76</b>	<b>86.4%</b>	<b>88</b>	<b>100.0%</b>
during the summer season	<b>26</b>	<b>5.6%</b>	<b>438</b>	<b>94.4%</b>	<b>464</b>	<b>100.0%</b>
a few times a week	<b>2</b>	<b>3.4%</b>	<b>57</b>	<b>96.6%</b>	<b>59</b>	<b>100.0%</b>
a few times a month	<b>1</b>	<b>6.7%</b>	<b>14</b>	<b>93.3%</b>	<b>15</b>	<b>100.0%</b>
a few times a year	<b>0</b>	<b>0.0%</b>	<b>10</b>	<b>100.0%</b>	<b>10</b>	<b>100.0%</b>
never	<b>0</b>		<b>0</b>		<b>0</b>	<b>100.0%</b>
<b>Total</b>	<b>41</b>	<b>6.4%</b>	<b>595</b>	<b>93.6%</b>	<b>636</b>	

p = **4.6%** ; chi2 = **9.69** ; dof = **4 (X)**



**Have you been involved in an accident in any form during the last twelve months?**

**Do you ride most of the time...**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
alone	28	7.8%	332	92.2%	360	100.0%
with a pillion passenger / as a passenger	2	3.3%	59	96.7%	61	100.0%
with another motorcyclist	6	9.4%	58	90.6%	64	100.0%
with a few others motorcyclists (< 10)	3	2.8%	105	97.2%	108	100.0%
with many other motorcyclists (groups/clubs/organized rides >10)	2	4.8%	40	95.2%	42	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>594</b>	<b>93.5%</b>	<b>635</b>	

p = 23.3% ; chi2 = 5.58 ; dof = 4 (X)

**Have you been involved in an accident in any form during the last twelve months?**

**a) when it rains**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Yes, no problem	23	8.0%	263	92.0%	286	100.0%
Yes, when I have no choice	9	4.4%	196	95.6%	205	100.0%
No, I try to avoid it	9	6.3%	134	93.7%	143	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>593</b>	<b>93.5%</b>	<b>634</b>	

p = 26.7% ; chi2 = 2.64 ; dof = 2 (NS)

**Have you been involved in an accident in any form during the last twelve months?**

**b) during nighttime**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Yes, no problem	26	6.8%	354	93.2%	380	100.0%
Yes, when I have no choice	8	5.0%	151	95.0%	159	100.0%
No, I try to avoid it	6	7.0%	80	93.0%	86	100.0%
<b>Total</b>	<b>40</b>	<b>6.4%</b>	<b>585</b>	<b>93.6%</b>	<b>625</b>	

p = 71.6% ; chi2 = 0.67 ; dof = 2 (NS)

**Have you been involved in an accident in any form during the last twelve months?**

**c) under winter conditions**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Yes, no problem	9	13.4%	58	86.6%	67	100.0%
Yes, when I have no choice	2	7.1%	26	92.9%	28	100.0%
No, I try to avoid it	30	5.6%	508	94.4%	538	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>592</b>	<b>93.5%</b>	<b>633</b>	

p = 4.8% ; chi2 = 6.09 ; dof = 2 (S)





## Their "equipments / vehicle"

Have you been involved in an accident in any form during the last twelve months?

What kind of equipment

Non ([V-31] Parmi "NonRéponse ; N/A")

% Without N/A

	Yes		No	
	N	% obs.	N	% obs.
[anti-lock braking system (ABS)]	15	7.2%	194	92.8%
[combined braking system (CBS) ]	11	12.8%	75	87.2%
[integral braking system (ABS +CBS)]	7	8.8%	73	91.3%
[traction control]	3	8.3%	33	91.7%
[launch control]	0	0.0%	10	100.0%
[navigation system]	14	5.0%	264	95.0%
[heated grips/heated seat]	12	5.9%	190	94.1%
[on-board electronic anti-theft system]	14	5.7%	230	94.3%
[adjustable suspension]	22	5.1%	411	94.9%
[airbag]	0		0	
[cruise control]	4	4.8%	79	95.2%
[daytime running lights]	20	6.1%	310	93.9%
[adaptive headlights]	0	0.0%	8	100.0%
[anti-fog lights]	2	4.3%	44	95.7%
[hazard indicator lights]	18	5.4%	313	94.6%
[luggage system]	20	5.2%	362	94.8%
[adjustable levers]	13	6.0%	204	94.0%
[adjustable seat height]	7	5.1%	129	94.9%
[tyre pressure monitoring system]	2	7.1%	26	92.9%
[gearshift indicator]	11	5.7%	182	94.3%
[fuel economy assistant]	10	7.3%	127	92.7%
[start/stop]	14	6.7%	196	93.3%
[different riding modes]	3	5.4%	53	94.6%
[nothing]	4	11.1%	32	88.9%
[don't know]	0	0.0%	10	100.0%
<b>Total</b>	<b>41</b>	<b>6.4%</b>	<b>596</b>	<b>93.6%</b>

p = 87.6% ; chi2 = 15.51 ; dof = 23 (NS)



**Have you been involved in an accident in any form during the last twelve months?  
Did you modify your powered two-wheeler vehicle to adjust it to your riding habits?**

% Without N/A

	Yes (Have you been involved in an accident in any form during the last twelve months?)		No (Have you been involved in an accident in any form during the last twelve months?)		Total	
	N	% cit.	N	% cit.	N	% cit.
Yes (Did you modify your powered two-wheeler vehicle to adjust it to your riding habits?)	<b>23</b>	<b>11.5%</b>	<b>177</b>	<b>88.5%</b>	<b>200</b>	<b>100.0%</b>
No (Did you modify your powered two-wheeler vehicle to adjust it to your riding habits?)	<b>18</b>	<b>4.1%</b>	<b>416</b>	<b>95.9%</b>	<b>434</b>	<b>100.0%</b>
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>593</b>	<b>93.5%</b>	<b>634</b>	

p = <0.1% ; chi2 = 12.24 ; dof = 1 (VS)

**Have you been involved in an accident in any form during the last twelve months?  
If "other", specify**

**Non ([V-31] Parmi "NonRéponse ; N/A")**

% Without N/A

	Yes		No	
	N	% obs.	N	% obs.
[Exhaust system different from original]	<b>14</b>	<b>13.0%</b>	<b>94</b>	<b>87.0%</b>
[Tyres different from original (make/size)]	<b>13</b>	<b>20.0%</b>	<b>52</b>	<b>80.0%</b>
[Indicator lights different from original]	<b>6</b>	<b>9.1%</b>	<b>60</b>	<b>90.9%</b>
[Rear mirrors different from original]	<b>4</b>	<b>8.2%</b>	<b>45</b>	<b>91.8%</b>
[Wind shield different from original]	<b>9</b>	<b>9.9%</b>	<b>82</b>	<b>90.1%</b>
[Modified seat height]	<b>9</b>	<b>14.1%</b>	<b>55</b>	<b>85.9%</b>
[Rear suspension: new spring applied]	<b>4</b>	<b>12.5%</b>	<b>28</b>	<b>87.5%</b>
[Rear suspension: replaced]	<b>7</b>	<b>14.9%</b>	<b>40</b>	<b>85.1%</b>
[Front suspension: new springs applied]	<b>5</b>	<b>11.9%</b>	<b>37</b>	<b>88.1%</b>
[Front suspension: fork replaced]	<b>3</b>	<b>15.8%</b>	<b>16</b>	<b>84.2%</b>
<b>Total</b>	<b>41</b>	<b>6.4%</b>	<b>596</b>	<b>93.6%</b>

p = 74.3% ; chi2 = 5.97 ; dof = 9 (NS)



## Their safety habits

Have you been involved in an accident in any form during the last twelve months?  
What kind of protective clothing do you usually wear?

Non ([V-31] Parmi "NonRéponse ; N/A")

% Without N/A

	Yes		No	
	N	% obs.	N	% obs.
[Helmet]	39	6.4%	573	93.6%
[High-Visibility Helmet (fluorescent yellow/orange)]	3	6.7%	42	93.3%
[Gloves]	41	6.6%	579	93.4%
[Motorcycle jacket (without protection)]	0	0.0%	30	100.0%
[Jacket with elbow/shoulder protection]	40	6.6%	565	93.4%
[Boots (without protection)]	3	4.5%	63	95.5%
[Motorcycle-specific boots]	37	6.5%	530	93.5%
[Motorcycle trousers (without protection)]	0	0.0%	47	100.0%
[Trousers with hip/knee protection]	37	6.5%	535	93.5%
[Motorcycle one-piece suit]	5	11.1%	40	88.9%
[Back protection]	31	8.1%	354	91.9%
[Neck brace]	4	26.7%	11	73.3%
[Airbag jacket]	0	0.0%	5	100.0%
[Reflective jacket/vest/armband]	14	6.8%	193	93.2%
<b>Total</b>	<b>41</b>	<b>6.4%</b>	<b>596</b>	<b>93.6%</b>

p = 13.0% ; chi2 = 18.79 ; dof = 13 (X)

Have you been involved in an accident in any form during the last twelve months?  
What type of helmet do you primarily use?

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Full-face/integral helmet	24	8.0%	276	92.0%	300	100.0%
Flip-face/convertible helmet	17	5.4%	296	94.6%	313	100.0%
Jet/open face helmet	0	0.0%	21	100.0%	21	100.0%
Brain cap	0		0		0	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>593</b>	<b>93.5%</b>	<b>634</b>	

p = 20.5% ; chi2 = 3.17 ; dof = 2 (NS)



## Their safety views

Have you been involved in an accident in any form during the last twelve months?  
How would you describe your level of information when it comes to motorcycle safety?

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Not sufficiently informed	0	0.0%	2	100.0%	2	100.0%
Reasonably informed	6	5.1%	112	94.9%	118	100.0%
Well informed	31	6.4%	453	93.6%	484	100.0%
Expert in motorcycle safety	4	12.5%	28	87.5%	32	100.0%
<b>Total</b>	<b>41</b>	<b>6.4%</b>	<b>595</b>	<b>93.6%</b>	<b>636</b>	

p = 48.5% ; chi2 = 2.45 ; dof = 3 (X)

Have you been involved in an accident in any form during the last twelve months?  
How do you assess the following statement?

'Motorcycling will never be made risk free.'

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
I totally disagree	3	7.9%	35	92.1%	38	100.0%
This is not quite true	6	17.1%	29	82.9%	35	100.0%
I agree partially	7	4.5%	150	95.5%	157	100.0%
I totally agree	25	6.2%	379	93.8%	404	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>593</b>	<b>93.5%</b>	<b>634</b>	

p = 5.0% ; chi2 = 7.82 ; dof = 3 (S)

Have you been involved in an accident in any form during the last twelve months?

How do you assess the following statement?

'Riding a motorcycle involves taking a higher risk than driving a car.'

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
I totally disagree	2	4.8%	40	95.2%	42	100.0%
This is not quite true	5	6.1%	77	93.9%	82	100.0%
I agree partially	16	6.5%	230	93.5%	246	100.0%
I totally agree	18	6.8%	247	93.2%	265	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>594</b>	<b>93.5%</b>	<b>635</b>	

p = 96.6% ; chi2 = 0.27 ; dof = 3 (NS)



**Have you been involved in an accident in any form during the last twelve months?  
Which sentence best defines motorcycle safety?**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Motorcycle safety, it's all about car drivers' training and awareness.	13	8.2%	145	91.8%	158	100.0%
To make motorcycling safer, it is the job of road authorities to improve riding conditions (road infrastructure, tax cuttings on motorcycling protective equipment, etc...)	2	6.5%	29	93.5%	31	100.0%
Riding is not more dangerous than other modes of transportation, it is mainly about the right attitude and behaviour, and everyone sharing the road properly	18	6.5%	260	93.5%	278	100.0%
Motorcycling is dangerous and one should be extremely well trained before getting on the road with a bike	8	4.8%	160	95.2%	168	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>594</b>	<b>93.5%</b>	<b>635</b>	

p = **65.5%** ; chi2 = **1.62** ; dof = **3 (NS)**

**Have you been involved in an accident in any form during the last twelve months?  
Which sentence best defines new technologies (e.g. cruise control, motorcycle airbag, haptic throttle, vehicle to vehicle communication, automatic braking, etc.) and traffic?**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
Accidents happen because drivers are more and more distracted at the wheel by technology	15	6.5%	215	93.5%	230	100.0%
Drivers don't have a choice, new technologies are there and we can't say 'no' to them	5	3.6%	133	96.4%	138	100.0%
New technologies enable road use to be safer, greener and less congested. This is the solution to an ever-growing traffic demand.	21	7.9%	244	92.1%	265	100.0%
<b>Total</b>	<b>41</b>	<b>6.5%</b>	<b>592</b>	<b>93.5%</b>	<b>633</b>	

p = **25.0%** ; chi2 = **2.77** ; dof = **2 (NS)**



## Risk perception

**Have you been involved in an accident in any form during the last twelve months?  
Have you experienced a near collision (that did not result in an accident) in the last 12 months, due to the other driver's error?**

% Without N/A

	Yes		No		Total	
	N	% cit.	N	% cit.	N	% cit.
no, never	14	6.3%	209	93.7%	223	100.0%
yes, once	9	4.9%	175	95.1%	184	100.0%
yes, a few times	11	6.0%	173	94.0%	184	100.0%
yes, many times	5	14.3%	30	85.7%	35	100.0%
<b>Total</b>	<b>39</b>	<b>6.2%</b>	<b>587</b>	<b>93.8%</b>	<b>626</b>	

p = 21.5% ; chi2 = 4.47 ; dof = 3 (NS)

**Have you been involved in an accident in any form during the last twelve months?  
What was the (most frequent) causation factor(s) of your near-missed accident(s)?**

[V-32] Parmi "yes, once ; yes, a few times ; yes, many times"

% Without N/A

	Yes		No	
	N	% obs.	N	% obs.
[other driver's error(s)]	24	6.2%	360	93.5%
[infrastructure problems]	4	16.0%	20	80.0%
[own error(s)]	3	11.5%	23	88.5%
<b>Total</b>	<b>25</b>	<b>6.2%</b>	<b>378</b>	<b>93.6%</b>

p = 10.5% ; chi2 = 4.50 ; dof = 2 (X)

