

First Aid Knowledge of Car Drivers (Survey conducted in 14 European Countries)

- Summary of Results -



Cooperation Automobile Club Association & Red Cross





Survey design:

Methodology: Face-to-face interview

Target group: Car drivers

Sample: A total of 2786 car drivers in 14 countries,

200 car drivers per country

Survey period: May to August 2012

Implementation: Cooperation of national automobile clubs & Red Cross

Societies

Participating countries: Number of interviews conducted:

Belgium 200 Denmark 200 Germany 200 197 Finland France 195 Italy 200 Croatia 200 Austria 200 200 Portugal Switzerland 200 Serbia 200 Spain 200 Slovenia 200 Czech Republic 194

Total: 2786 interviews

Overall European Results (with highest/lowest country score)

Europe:

Question 1: When did you last attend a first aid course?

32.1%: Never

36.0%: Up to 5 years ago 9.5%: Up to 10 years ago

22.4%: More than 10 years ago

Country comparison:

Never attend a first aid course:

Portugal (74.0%) Italy (61.5%) Spain (51.0%) Belgium (49.5%) France (29.2%) Finland (26.9%)

1:1 correspondence with those countries where obtaining the national driving licence does not require passing a first aid course

Highest (\uparrow) / lowest (\downarrow) country score:

Up to 5 years ago: \uparrow Denmark (63.5%), Germany (47.0%)

↓ Portugal (16.0%), Belgium (20.5%)

Up to 10 years ago: \uparrow Austria (23.5%), Slovenia (22.5%)

↓ Portugal (2.5%), Italy 6.0%)

More than 10 years: \uparrow Croatia (50.0%), Switzerland (45.0%)

 \downarrow Portugal (7.5%), Italy (9.5%)

Question 2: Why did you attend the course?

34.8%: It was part of my driving training/ exams

40.6%: For professional reasons

27.3%: Personal interest

Country comparison:

Driving training: ↑ Croatia (90.4%), Slovenia (74.9%), Germany (61.6%)

 \downarrow Belgium (1.0%), Finland (2.1%), France + Portugal (5.8%)

Professional reason:

† Finland + Portugal (75.0%), Belgium (69.3%), Denmark (65.8%)

↓ Croatia (23.4%), Slovenia (25.1%), Germany (25.8%)

Personal interest:

↑ France (46.4%), Italy (42.9%), Belgium (32.7%)

↓ Croatia (1.5%), Slovenia (3.4%), Serbia (11.9%)

By age group:

	18 - 25	26 - 59	60+
part of driving training/exams	50,2%	40,2%	33,9%
Professional reason	36,5%	44,8%	43,7%
Personal interest	17,0%	17,4%	26,4%

Question 3: Do you feel confident to deliver first aid in case of accident?

65.8%: Yes 20.0%: No

14.2%: I don't know

Conclusion:

⇒ 34.2% are either unable or do not feel confident enough to deliver first aid in an emergency/ would not (be able to) deliver first aid in an emergency.

Country comparison:

Yes:
↑ Finland (85.4%), Austria (80.2%), Germany (72.6%)

↓ Slovenia (40.2%), Switzerland (47.6%), Serbia (54.2%)

By age group:

	Yes	No	l don't know
18 - 25	65,4%	18,0%	16,6%
26 - 59	62,2%	21,8%	16,0%
60+	59,1%	21,7%	19,3%

Question 4: You are the first to arrive at the scene of an accident in which someone was injured. What do you do?

82.2% do not know which steps to take being first to arrive at the accident scene (emergency response chain). A low 18% provided all of the 4 answers below.

35.4%: Keep my own safety in mind 46.2%: Secure the accident scene 68.9%: Make an emergency call

45.3%: Provide first aid

=> Multiple responses were possible.

By age group:

All answers:	18 - 25	26 - 59	60+
	20,4%	17,9%	15,6%

	18 - 25	26 - 59	60+
Keep my own safety in mind	33,8%	34,4%	29,4%
Secure the accident scene	53,8%	51,2%	46,0%
Make an emergency call	77,7%	70,4%	72,6%
Provide first aid	58,1%	49,1%	48,9%

=> Knowledge decreased with increasing age

Country comparison:

Own safety..: ↑ Germany (52.5%), Croatia (45.0%), Slovenia (44.5%)

↓ Czech Rep. (16.5%), Austria (18.5%), Belgium (22.0%)

Secure the accident scene: ↑ Germany (72.5%), Austria (70.0%), Finland (65.5%)

↓ Italy (14.5%), Spain (20.5%), Belgium (32.5%)

Emergency call:

† Kroatien (95%), Belgien (90%), Österreich (88,5%)

↓ Spanien (42,5%), Italien (54%), Serbien (55,5%)

Provide first aid:

† Austria (84.5%), Germany (74.5%), Croatia (73.0%)

 \downarrow Italy (17.0%), Spain (22.0%), France (39.0%)

 \downarrow Italy (2.5%), Spain (5.5%), Czech Rep. (10.8%)

No answers: ↑ Spain (17.0%), Denmark (13.5%), Portugal (12.5%)

Question 5: What is the rescue services' emergency number?

57.7%: The rescue services' number is: 112

40.3%: Respondents indicated a national emergency number

- \Rightarrow 42.3% of Europeans do not know the European emergency number 112.
- \Rightarrow 10.7% d not know either the European or a national rescue number.

(Multiple responses were possible)

By age group:

	18 - 25	26 - 59	60+
112	61,8%	58,4%	53,9%
Nation. emergency number	40,5%	42,0%	39,0%

Country comparison:

Respondants indicated the 112 number:

↑ Finland (97.0%), Portugal (94.5%), Denmark (91.5%) ↓ Austria (7.0%), Serbia (8.5%), Italy (14.5%), Switzerland (18.0%)

Question 6: How do you check the victim's condition?

28.3% know how to check the victim's condition (providing all of the 3 answers below).

=> 71.2% do not know how to check the victim's condition.

74.3%: Check victim's level of consciousness/responsiveness

57.4%: Check for breathing

44.8%: Check for severe bleeding/injuries

28.8%: All answers

By age group:

Check for	18 - 25	26 - 59	60+
consciousness/responsiveness	72,5%	75,3%	63,7%
for breathing	66,2%	61,4%	64,8%
for severe bleeding/injuries	50,7%	43,9%	49,2%
All answers	31,8%	28,2%	25,0%

Country comparison:

Check (for)...

Consciousness/responsiveness:

† Belgium (88.1%), Germany (81.1%), Italy (80.3%)

↓ Spain (48.0%), Serbia (57.5%), Czech Rep. (65.8%)

Breathing: ↑ Finland (91.0%), Croatia (84.8%), Portugal (82.7%)

↓ Italy (22.4%), Spain (29.6%), Belgium (46.5%)

Severe bleeding/injuries : ↑ Portugal (73,1%), Croatia (69.5%), Germany (60.5%)

↓ Spain (9.2%), Italy (14.5%), Denmark (32.1%)

All answers: ↑ Portugal (53.8%), Croatia (45.2%), Finland (39.6%),

No answer: \uparrow Spain (32.7%)

Question 7: The victim is unconscious and not breathing anymore. What do you do?

34.4%: Lay the victim on his/her back

75.1%: Initiate CPR (Cardiopulmonary Resuscitation)

28.7%: All answers*

⇒ 71.3% do not know how to assist a victim who is unconscious and not breathing anymore.*

By age group:

J E E I	18 - 25	26 - 59	60+
Lay the victim on his/her back	36,4%	32,0%	36,3%
Initiate CPR	76,9%	80,5%	76,5%
All answers	30,3%	27,1%	30,3%

Country comparison:

Lay the victim on his/her back:

↑ Portugal (53.8%), Czech Rep. (47.0%), Germany (46.3%)

↓ Austria (7.8%), Spain (14.3%), Belgium (27.7%)

Initiate CPR: ↑ Finland (91.0%), Slovenia (90.5%), Czech Rep. (88.6%)

↓ Spain (44.9%), Croatia (64.0%), Italy (65.8%)

Both answers: \uparrow Portugal (53.8%), Germany (41.1%), Croatia (40.6%)

↓ Austria (7.3%), Italy (9.2%), Spain (11.2%)

No answers: \uparrow Spain (52.0%), Croatia (31.0%), Belgium (29.7%)

Question 8: The victim has a severe bleeding arm wound. What do you do?

29.7%: Lay down the victim on his/her back

79,6%: Apply a pressure bandage directly on the wound or stop bleeding....

24.5%: All answers*

⇒ 75.5% do not know how to properly assist a victim who has a severely bleeding wound (none of the answers above).*

By age group:

	No answer	Both answei
18 - 25	14,6%	25,4%
26 - 59	15,1%	18,2%
60+	24,8%	22,6%

Country comparison:

Lay down the victim..: ↑ France (43.5%), Portugal (36.5), Czech Rep. (35.6%)

↓ Austria (1.0%), Italy (3.9%), Belgium (14.9%)

Apply a pressure bandage..: ↑ Finland (96.5%), Denmark (96.2%), Czech Rep. (94.6%)

↓ Portugal (57.7%), Belgium (59.4%), Austria (65.1%)

Both answers: \uparrow France (38.4%), Czech Rep. (34.9%), Germany (30.5%)

↓ Austria (1.0%), Italy (1.3%), Serbia (2.4%)

No answers: ↑ Belgium (38.6%), Croatia (35.5%), Austria (34.9%)

Practical exercises (Question 9 and 10):

Question 9: The victim is unconscious, but breathing normally. Place the victim in the recovery position.

69.8%: Lay down the victim on the ground and roll the person onto his/her side

42.4%: Check and maintain an open airway

36,5%: All answers*

⇒ 63.5% do not know how to perform a recovery position.*

By age group:

	18 - 25	26 - 59	60+
Lay down the victim on the ground and			
roll the person onto his/her side	71,7%	67,7%	66,4%
Check and maintain an open airway	49,8%	45,8%	42,0%
All answers	44,9%	35,1%	35,8%

Country comparison:

Lay down the victim on the ground and roll the person onto his/her side:

↑ Croatia (86.8%), Czech Rep. (85.9%), Germany (81.1%)

J Spain (39.8%), Portugal (40.4%), Austria (52.6%)

Check and maintain an open airway:

↑ Slovenia (72.1%), Croatia (64.0%), Finland (59.0%)

↓ Italy (17.1%), Serbia (23.4%), Belgium (23.8%)

Both answers:

↑ Croatia (62.9%), Finland (50.0%), Czech Rep. (47.7%) ↓ Italy (7.9%), Serbia (13.2%), Spain (18.4%)

No answers:

↑ Portugal (53.8%), Austria (47.4%), Belgium (40.6%)

Question 10: The victim is not breathing anymore. Perform Cardiopulmonary Resuscitation (CPR).

50.9%: Place the heel of one hand on the centre of the casualty's chest and place ...

41.4%: Compress the victim's chest 30 times

39.1%: Tilt the head, lift the chin and give two rescue breaths

34.1%: Continue until a professional rescuer takes over

19.7%: All answers

⇒ 80.3% are unable to properly perform Cardiopulmonary Resuscitation (CPR).

By age group:

	All answers	No answer
18 - 25	13,9%	24,7%
26 - 59	17,4%	27,1%
60+	10,5%	34,7%

Country comparison:

Place the heel of ..:

↑ Croatia (72.1%), Slovenia (63.7%), France (62.3%)

↓ Belgium (27.7%), Switzerland (28.7%), Italy (30.3%)

Compress..30 times:

↑ Slovenia (64.2%), Denmark (60.9%), France (52.9%)

↓ Spain (14.3%), Croatia (18.8%), Serbia (21.6%)

..two rescue breaths:

† Denmark (57.6%), Czech Rep. (56.4%), Slovenia (53.6%)

↓ Spain (16.3%), Austria (18.8%), Italy (21.1%)

Continue until..:

† Czech Rep. (75.8%), Slovenia (60.3%), France (48.6%)

↓ Spain (10.2%), Serbia (16.8%), Italy (17.1%)

All answers: ↑ Czech Rep. (38.9%), France (31.2%), Finland (30.6%)

↓ Spain (5.1%), Croatia (7.6%), Serbia (7.8%)





















