Wednesday 9 September: EU mobile phone industry backs Europe's in-car emergency call system eCall

The news:

Good news for Europe's drivers, and for Europe's 230 million cars! Europe's mobile phone industry will sign the eCall Memorandum of Understanding (MoU), giving its full backing to eCall. Europe's in-car automatic emergency call system has life-saving potential as it automatically dials 112, Europe's single emergency number, when a car has a serious accident and sends its location to the nearest emergency service – even when the passengers do not know or cannot say where they are.

Viviane Reding, the EU's Telecoms Commissioner will host a signing ceremony on the eCall MoU with representatives of the GSM Association. With its commitment to eCall the industry sends an important message to Member States' national authorities some of which – despite several calls from the Commission – are still not ready to deploy the in-car system voluntarily.

The background:

This August, the Commission called on EU countries and Europe's car and telecoms industry to speed up the roll-out of eCall in Europe. It outlined a strategy for introducing eCall in all new vehicles across Europe by 2014, starting next year, including possible EU legislation should the voluntary approach fail.

eCall is an affordable in-car emergency call system which automatically dials 112, Europe's single emergency number, if a vehicle is involved in an accident. eCall could save up to 2 500 lives per year in the EU when fully deployed and reduce by 10-15% the severity of injuries.

Road accidents cost the EU economy more than ≤ 160 billion a year. Equipping all cars in the EU with the eCall system could save ≤ 26 billion annually while the system' is estimated to cost less than ≤ 100 per car.

The event:

Representatives from GSMA Europe will formally sign the eCall Memorandum of Understanding in the presence of EU Telecoms Commissioner Viviane Reding. Photo opportunity: Photographers wishing to cover the event should register with Mina Andreeva.

Available on EbS

The sources:

<u>IP/09/1245</u>: Last call to implement car safety system voluntarily

Citizen summary :

http://ec.europa.eu/information_society/activities/esafety/doc/comm_20090821/citizens_sum_en.pdf

eCall website:

http://ec.europa.eu/information_society/activities/esafety/ecall/index_en.htm

eCall Memorandum of Understanding and its signatories

http://ec.europa.eu/information_society/activities/esafety/doc/esafety_library/mou/invehicle_ecall_mou.pdf

http://ec.europa.eu/information_society/activities/esafety/doc/esafety_library/mou/list_of_signatures.pdf

Fact sheet: 'eCall - saving lives through in-vehicle communication technology'

http://ec.europa.eu/information_society/doc/factsheets/049_eCall_august09_en.pdf

Commissioner Viviane Reding's website:

http://ec.europa.eu/commission barroso/reding/index en.htm

The contacts:

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Citizens' summary

EU proposal – road accident alert system (eCall)

WHAT'S THE ISSUE?

Road accidents still kill and injure too many people in Europe. Fatalities have fallen by 27% since 2001, but in 2008 there were:

- 1.2 million accidents resulting in injuries
- 39 000 deaths
- 1.7 million people injured.

WHAT'S THE PROPOSAL?

- To introduce a system in **all vehicles** in Europe that would **automatically call the emergency services** when an accident occurs and send them an **accurate location**.
- This would work wherever your vehicle is in Europe, i.e. even if you are abroad.
- You would also be able to trigger an alert manually.

WHAT WOULD THE BENEFITS BE?

- The immediate reporting of accidents, with accurate location data provided by satellite, would **help emergency services get to accidents much quicker**:
 - saving up to 2,500 lives every year.
 - reducing by **10-15% the severity of injuries** (fewer permanent disabilities, light instead of severe injuries).

Side benefits

- less congestion caused by accidents.
- more efficient traffic-incident management by authorities.
- the system could be used for **other useful services** electronic tolling, tracking hazardous goods, advanced insurance models, etc.
- the **car and telecoms industries** would be able to provide new services on an in-vehicle system with sat-nav, data processing and communication capabilities.

WHY DOES ACTION HAVE TO BE TAKEN BY THE EU?

 Because the market-led solution hasn't worked – some car companies have been offering their own accident-alert systems for years, but take-up remains low and restricted mainly to high-end models and certain countries.

- So eCall will work in **all European countries** (using the <u>single European emergency</u> <u>number 112</u> and common, open standards).
- To speed up the **installation of eCall in all cars**, irrespective of brand, model and country of origin.

HOW MUCH WOULD IT COST ME?

• Less than €100 per car – thanks to mass production of the eCall devices.

WHEN IS THE PROPOSAL LIKELY TO COME INTO EFFECT?

- The first systems should appear in **2011**:
 - eCall would be installed in all new cars sold in Europe by 2014.
 - but the timing also depends on national authorities upgrading their emergency response systems to handle eCalls (not all countries have systems efficient enough to automatically pinpoint the location of 112 calls).

	2001	2002	2003	2004	2005	2006	2007	2008	2001-2008 (in %)
Luxembourg	69	62	53	49	46	36	43	35	-49
France	8,162	7,655	6,058	5,530	5,318	4,703	4,620	4,275	-48
Portugal	1,670	1,668	1,542	1,294	1,247	969	974	885	-47
Spain	5,517	5,347	5,399	4,741	4,442	4,104	3,823	3081*	-44
Latvia	558	559	532	516	442	407	419	316	-43
Belgium	1,486	1,306	1,214	1,162	1,089	1,069	1,067	922*	-38
Germany	6,977	6,842	6,613	5,842	5,361	5,091	4,949	4467*	-36
Switzerland	544	513	546	510	409	370	384	357	-34
Estonia	199	223	164	170	169	204	196	132	-34
Italy	7,096	6,980	6,563	6,122	5,818	5,669	5,131	4739*	-33
Ireland	411	376	335	374	396	365	338	279	-32
The Netherlands ⁽¹⁾	1,083	1,069	1,088	881	817	811	791	750	-31
Lithuania	706	697	709	752	773	760	739	498	-29
Austria	958	956	931	878	768	730	691	679	-29
Sweden	551	532	529	480	440	445	471	397	-28
UK	3,598	3,581	3,658	3,368	3,337	3,300	3,056	2718*	-24
Israel	542	525	445	467	437	405	382	412	-24
Slovenia	278	269	242	274	258	262	293	214	-23
Finland	433	415	379	375	379	336	380	343*	-21
Hungary	1,239	1,429	1,326	1,296	1,278	1,303	1,230	996	-20
Czech Republic	1,334	1,431	1,447	1,382	1,286	1,063	1,222	1,076	-19
Cyprus	98	94	97	117	102	86	89	82	-16
Greece	1,880	1,634	1,605	1,670	1,658	1,657	1,612	1593*	-15
Denmark	431	463	432	369	331	306	406	392*	-9
Norway	275	310	280	257	224	243	233	256*	-7
Malta	16	16	16	13	17	11	14	15*	-6
Poland	5,534	5,827	5,640	5,712	5,444	5,243	5,583	5,437	-2
Slovakia	614	610	645	603	560	579	627	606	-1
Bulgaria	1,011	959	960	943	957	1,043	1,006	1,061	5
Romania	2,454	2,414	2,232	2,446	2,623	2,573	2,794	3,063	25
PIN	55,724	54,762	51,681	48,601	46,426	44,143	43,563	40,076	-28
EU27	54,363	53,414	50,410	47,367	45,356	43,125	42,564	39,051	-28
EU25	50,898	50,041	47,218	43,978	41,776	39,509	38,764	34,927	-31
EU15	40,322	38,886	36,400	33,143	31,447	29,591	28,352	25,555	-37
EU10	10,576	11,155	10,818	10,835	10,329	9,918	10,412	9,372	-11
EU2 ⁽²⁾	3,465	3,373	3,192	3,389	3,580	3,616	3,800	4,124	19

Table 1.Percentage change in road deaths between 2001 and 2008
(Chapter 1 - Fig. 1)

Source: National statistics provided by the PIN panelists in each country *Note: Figures in italic are different from CARE*

* Provisional figures or national estimates for 2008 as final figures for 2008 were not yet available at the time of going to print Belgium: Estimate based on the number of killed people on the spot (834) from Baromètre de la sécurité routière ⁽¹⁾Figures have been corrected for police underreporting. In The Netherlands, the reported number of fatalities is checked

by Statistics Netherlands (CBS) and compared individually to the Death certificates and Court files of unnatural death. This results in the real number of road traffic fatalities, which is about 10% higher than the police reported number.

Undereporting is highest among bicyclists and non-motorvehicle accidents

(2) Romania and Bulgaria

	2001	2002	2003	2004	2005	2006	2007	2008	2007-2008 (in %)
Estonia	199	223	164	170	169	204	196	132	-33
Lithuania	706	697	709	752	773	760	739	498	-33
Slovenia	278	269	242	274	258	262	293	214	-27
Latvia	558	559	532	516	442	407	419	316	-25
Spain*	5,517	5,347	5,399	4,741	4,442	4,104	3,823	3081*	-19
Hungary	1,239	1,429	1,326	1,296	1,278	1,303	1,230	996	-19
Luxembourg°	69	62	53	49	46	36	43	35	-19
Ireland	411	376	335	374	396	365	338	279	-17
Sweden	551	532	529	480	440	445	471	397	-16
Belgium*	1,486	1,306	1,214	1,162	1,089	1,069	1,067	922*	-14
Czech Republic	1,334	1,431	1,447	1,382	1,286	1,063	1,222	1,076	-12
UK*	3,598	3,581	3,658	3,368	3,337	3,300	3,056	2718*	-11
Germany	6,977	6,842	6,613	5,842	5,361	5,091	4,949	4467*	-10
Finland*°	433	415	379	375	379	336	380	343*	-10
Portugal	1,670	1,668	1,542	1,294	1,247	969	974	885	-9
Cyprus	98	94	97	117	102	86	89	82	-8
Italy*	7,096	6,980	6,563	6,122	5,818	5,669	5,131	4739*	-8
France	8,162	7,655	6,058	5,530	5,318	4,703	4,620	4,275	-7
Switzerland	544	513	546	510	409	370	384	357	-7
The Netherlands°	1,083	1,069	1,088	881	817	811	791	750	-5
Denmark*°	431	463	432	369	331	306	406	392*	-3
Slovakia°	614	610	645	603	560	579	627	606	-3
Poland°	5,534	5,827	5,640	5,712	5,444	5,243	5,583	5,437	-3
Austria°	958	956	931	878	768	730	691	679°	-2
Greece*°	1,880	1,634	1,605	1,670	1,658	1,657	1,612	1593*	-1
Bulgaria°	1,011	959	960	943	957	1,043	1,006	1,061	5
Malta*°	16	16	16	13	17	11	14	15*	7
lsrael°	542	525	445	467	437	405	382	412	8
Romania	2,454	2,414	2,232	2,446	2,623	2,573	2,794	3,063	10
Norway*°	275	310	280	257	224	243	233	256*	10
PIN	55,724	54,762	51,681	48,601	46,426	44,143	43,563	40,076	-8
EU27	54,363	53,414	50,410	47,367	45,356	43,125	42,564	39,051	-8
EU25	50,898	50,041	47,218	43,978	41,776	39,509	38,764	34,927	-10
EU15	40,322	38,886	36,400	33,143	31,447	29,591	28,352	25,555	-10
EU10	10,576	11,155	10,818	10,835	10,329	9,918	10,412	9,372	-10
EU2	3,465	3,373	3,192	3,389	3,580	3,616	3,800	4,124	9

Table 2.Percentage change in road deaths between 2007 and 2008
(Chapter 1 - Fig. 4)

Source: National statistics provided by the PIN panelists in each country *Figures in italic are different from CARE*

* Provisional figures or national estimates for 2008 as final figures for 2008 were not yet available at the time of going to print

° In these countries the changes in numbers of deaths between 2007 and 2008 are small enough to have arisen from random fluctuation without any change in the underlying road death rate.

		2008			2001	
	Road deaths	Population	Road deaths per million population	Road deaths	Population	Road deaths per million population
Malta	15*	410	37	16	391	41
Sweden	397	9,183	43	551	8,883	62
UK	2718*	61,186	44	3,598	59,000	61
The Netherlands	750	16,405	46	1,083	15,987	68
Switzerland	357	7,593	47	544	7,204	76
Norway	256	4,737	54	275	4,503	61
Germany	4467*	82,218	54	6,977	82,260	85
Israel	412	7,290	57	542	6,509	83
Ireland	279	4,401	63	411	3,847	107
Finland	343*	5,300	65	433	5,195	83
Spain	3081*	45,283	68	5,517	40,477	136
France	4,275	61,876	69	8,162	60,915	134
Denmark	392*	5,476	72	431	5,349	81
Luxembourg	35	484	72	69	439	157
Italy	4739*	59,619	79	7,096	56,961	125
Austria	679	8,332	81	958	8,021	119
Portugal	882	10,618	83	1,670	9,780	171
Belgium	922*	10,667	86	1,486	10,263	145
Estonia	132	1,341	98	199	1,367	146
Hungary	996	10,045	99	1,239	10,200	121
Czech Republic	1,076	10,381	104	1,334	10,267	130
Cyprus	82	789	104	98	698	140
Slovenia	214	2,026	106	278	1,994	139
Slovakia	606	5,401	112	614	5,379	114
Bulgaria	1,061	7,640	139	1,011	7,929	128
Latvia	316	2,271	139	558	2,364	236
Greece	1593*	11,214	142	1,880	10,931	172
Romania	3,063	21,529	142	2,454	21,876	112
Poland	5,437	38,116	143	5,534	38,254	145
Lithuania	498	3,366	148	706	3,487	202
PIN	40,076	515,197	78	55,724	500,730	111
EU27	39,051	495,577	79	54,363	482,513	113
EU25	34,927	466,408	75	50,898	452,708	112
EU15	25,555	392,262	65	40,322	378,307	107
EU10	9,372	74,146	126	10,576	74,401	142
EU2	4,124	29,169	141	3,465	29,805	116

Table 3. Road deaths per million population in 2008 (with road deaths per million population
in 2001 for comparison)
(Chapter 1 - Fig. 5)

Sources: National statistics provided by the PIN panelists in each country. Population figures from Eurostat database. * Provisional figures or national estimates for 2008 as final figures for 2008 were not yet available at the time of going to print

	5-star cars	4-star cars	3-star cars	2-star cars	non-tested cars
SE	64%	27%	2%	0%	7%
IE	62%	26%	2%	0%	9%
NO	62%	31%	0%	0%	7%
FIN	60%	29%	1%	0%	9%
FR	59%	32%	5%	0%	4%
РТ	59%	34%	3%	1%	4%
LU	59%	29%	3%	0%	10%
ES	58%	30%	5%	1%	6%
BE	57%	32%	4%	0%	7%
DE	55%	30%	4%	0%	10%
UK	54%	31%	7%	0%	7%
AT	52%	33%	6%	1%	8%
SI	52%	37%	3%	1%	7%
NL	52%	35%	7%	0%	7%
СН	49%	33%	5%	0%	13%
PL	48%	37%	5%	2%	8%
IT	47%	27%	15%	4%	6%
DK	46%	42%	6%	0%	6%
LT	43%	37%	5%	0%	14%
EE	43%	40%	2%	1%	14%
LV	40%	38%	2%	1%	20%
EL	39%	42%	6%	1%	12%
HU	38%	45%	4%	3%	10%
BG	34%	37%	13%	2%	14%
SK	32%	51%	5%	2%	11%
CZ	29%	50%	5%	1%	15%
IL	29%	46%	1%	3%	22%
RO	25%	27%	34%	2%	12%
EU	53%	31 %	7%	1%	8%

Table 4. Occupant protection of new passenger cars sold in 2008.

Proportion of cars awarded 5, 4, 3 and 2 stars and proportion of non-tested passenger cars, ranked by the number of cars awarded 5 stars. None of the cars tested in 2008 was awarded 1 star only. (Chapter 2 -Fig.7)

Note: Cyprus and Malta are excluded from Fig. 7 as the proportion of non-tested cars represented more than 50% of the new cars sold in 2008.

	4-star cars	3-star cars	2-star cars	1-star cars	non-tested cars
HU	0%	32%	35%	22%	11%
РТ	0%	28%	38%	30%	4%
ES	0%	27%	39%	28%	7%
IL	0%	26%	37%	15%	22%
EL	0%	26%	41%	21%	12%
EE	0%	25%	37%	23%	15%
SI	0%	24%	42%	27%	8%
SK	0%	23%	50%	16%	11%
PL	0%	23%	45%	23%	9%
NO	0%	23%	48%	22%	7%
NL	0%	23%	44%	26%	7%
IE	0%	23%	43%	24%	10%
FR	0%	23%	44%	29%	4%
FI	0%	22%	47%	21%	10%
UK	0%	22%	39%	32%	8%
DK	0%	21%	52%	21%	6%
AT	0%	21%	44%	27%	9%
LT	0%	20%	39%	25%	16%
LV	0%	19%	37%	22%	21%
DE	0%	19%	40%	30%	11%
IT	0%	19%	46%	29%	7%
СН	0%	19%	40%	28%	13%
BE	0%	18%	45%	30%	7%
LU	0%	18%	39%	33%	10%
BG	0%	16%	40%	30%	14%
CZ	0%	14%	54%	15%	16%
SE	0%	14%	53%	25%	7%
RO	0%	13%	31%	44%	13%
EU	0%	21%	42%	29%	8%

Table 5. Pedestrian protection of new passenger cars sold in 2008.

Proportion of cars awarded 3, 2 and 1 star and proportion of non-tested passenger cars, ranked by the number of cars awarded 3 stars. (Chapter 2 -Fig.9)

Note: Cyprus and Malta excluded from Fig. 9 because of their high proportions of non-tested new cars.

	5-star cars	4-star cars	3-star cars	2-star cars	non-tested cars
NO	0%	61%	19%	0%	20%
FI	0%	60%	17%	0%	23%
IE	0%	56%	19%	0%	24%
SE	0%	56%	16%	0%	28%
EE	0%	53%	20%	0%	26%
LT	0%	52%	19%	3%	26%
ES	0%	51%	22%	1%	26%
РТ	0%	51%	25%	0%	24%
LV	0%	48%	21%	1%	30%
LU	0%	48%	25%	0%	27%
AT	0%	47%	25%	1%	27%
DE	0%	47%	25%	1%	27%
BE	0%	46%	26%	1%	27%
UK	0%	46%	26%	0%	27%
NL	0%	45%	30%	2%	23%
PL	0%	45%	26%	3%	26%
FR	0%	45%	28%	1%	26%
SI	0%	45%	24%	1%	30%
СН	0%	42%	27%	1%	30%
DK	0%	41%	34%	1%	23%
EL	0%	40%	27%	2%	31%
IL	0%	40%	32%	0%	28%
HU	0%	39%	32%	0%	29%
CZ	0%	37%	30%	1%	32%
BG	0%	35%	28%	0%	36%
SK	0%	35%	30%	0%	34%
RO	0%	30%	38%	1%	31%
IT	0%	29%	33%	7%	30%
EU	0%	44%	27%	2%	27%

Table 6. Child protection of new passenger cars sold in 2008.

(Proportion of cars awarded 4, 3 and 2 stars and proportion of non-tested passenger cars, ranked by the number of cars awarded 4 stars. stars. None of the cars tested in 2008 were awarded 5 stars for child protection. (Chapter 2 - Fig. 11)

Note: Child protection scores are not available for 27% of new cars sold. Differences in this percentage between countries can influence the ranking.

	SBR on all seats	SBR on front seats	SBR on driver seat	No SBR	Non-tested cars
IL	19%	36%	12%	11%	22%
EE	19%	41%	11%	15%	14%
FR	18%	29%	29%	21%	4%
FI	18%	51%	7%	15%	9%
NO	18%	58%	5%	12%	7%
LT	17%	39%	9%	21%	14%
ES	15%	41%	15%	21%	6%
LU	15%	43%	15%	17%	10%
SE	15%	55%	8%	15%	7%
BE	15%	39%	19%	21%	7%
IE	15%	51%	11%	14%	9%
РТ	15%	42%	20%	19%	4%
LV	14%	41%	9%	16%	20%
DK	14%	37%	23%	21%	6%
SI	13%	36%	19%	24%	7%
AT	13%	43%	14%	22%	8%
DE	13%	46%	13%	18%	10%
СН	13%	41%	15%	19%	13%
NL	13%	39%	23%	18%	7%
UK	12%	42%	18%	20%	7%
EL	11%	34%	19%	24%	12%
PL	11%	43%	15%	23%	8%
SK	10%	32%	14%	33%	11%
IT	9%	37%	17%	31%	6%
BG	8%	34%	11%	33%	14%
CZ	8%	37%	11%	28%	15%
HU	8%	33%	21%	27%	10%
RO	7%	21%	8%	52%	12%
FU	13%	40%	18%	22%	8%

Table 7. Seat belt reminders in new passenger cars sold in 2008.

Proportion of cars awarded 3, 2, 1 and 0 point and proportion of non-tested passenger cars, ranked by the number of cars awarded 3 points for seat belt reminders. (Chapter 2 - Fig. 12)

Country

Children (0-14)* road deaths

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
AT	51	34	43	37	27	26	25	37	22	25	23	13
BE	53	54	87	65	52	63	37	32	26	37	32	30
BG	NA	NA	NA	NA	41	38	37	35	43	28	32	30
СҮ	5	0	3	9	4	1	2	3	1	5	2	4
CZ	45	67	39	48	54	38	46	38	27	41	32	25
DK	37	24	20	38	25	21	14	22	20	13	13	20
EE	23	18	11	15	7	14	11	4	8	12	6	6
FI	31	34	16	26	20	19	18	22	13	21	5	14
FR	392	381	366	333	343	284	246	210	179	143	131	164
DE*	358	311	304	317	240	231	216	208	153	159	136	111
EL	75	71	56	54	40	47	47	45	43	44	36	42
HU	51	46	42	50	44	37	52	33	39	34	43	37
IE	25	27	34	23	22	26	18	16	7	9	16	16
IL	54	58	56	51	46	62	47	48	56	35	46	28
IT	173	158	134	143	136	187	196	148	124	131	110	95
LV	28	21	33	18	16	17	22	16	6	12	12	11
LT	NA	17	34	31	NA							
LU	2	4	2	2	3	4	3	1	0	4	1	2
MT*	NA	NA	NA	NA	NA	0	0	0	0	3	0	NA
NL	66	66	47	77	56	48	37	64	35	31	37	36
NO	17	19	16	19	20	7	15	20	10	4	10	10
PL	357	402	352	292	262	239	264	231	228	165	151	156
PT**	122	121	127	81	75	56	63	55	48	31	22	27
RO	NA	NA	NA	242	184	187	188	117	164	136	137	112
SK	NA	NA	NA	NA	NA	NA	28	19	28	16	10	25
SI	14	14	12	12	8	4	3	3	6	9	7	3
ES	192	183	202	203	181	159	147	153	124	121	115	108
SE	21	24	25	37	19	18	18	21	14	10	16	10
CH	36	30	42	42	28	22	21	23	23	14	16	14
UK	224	240	213	202	171	192	160	145	147	125	140	91
EU-27	2,345	2,300	2,168	2,324	2,030	1,956	1,898	1,678	1,522	1,399	1,296	1,188
PIN	2,452	2,407	2,282	2,436	2,124	2,047	1,981	1,769	1,611	1,452	1,368	1,240

Table 8. Children (0-14) road deaths

Source: National statistics supplied by PIN Panelists in each country

 * Children aged 0 to 14 (included) are considered expect for Germany (0 to 15) and Malta (1 to 10).

**Portugal: children killed in the islands of Madeira and Acores are not included

Country			Average annual									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	road mortality (1998-2007)
РТ	75	80	51	48	36	41	35	31	20	14	18	-14.9%
FR	33	32	29	30	24	21	18	15	12	11	14	-10.3%
SI	40	35	37	25	13	10	10	21	31	25	11	-10.2%
СН	24	34	34	22	18	17	19	19	12	13	12	-10.1%
IE	32	41	28	27	31	22	19	8	11	19	18	-9.9%
BE	30	48	36	29	35	20	18	14	21	18	17	-9.9%
LT*	NA	NA	NA	NA	NA	NA	NA	28	58	55	58	-9.2 %
SE	14	15	22	12	11	11	13	9	6	10	6	-9.1 %
DE	24	23	24	19	18	17	17	13	13	12	10	-8.4%
NO	22	18	22	22	8	17	22	11	4	11	11	-8.4%
SK*	NA	NA	NA	NA	0	28	19	30	17	11	29	-8.3%
FI	35	17	27	21	20	19	24	14	23	6	16	-7.6%
DK	26	21	39	25	21	14	22	20	13	13	20	-7.6%
NL	23	16	26	19	16	12	21	12	10	12	12	-7.3%
UK	21	19	18	15	17	14	13	13	12	13	8	-6.5%
AT	24	31	27	20	19	19	28	17	19	18	10	-6.4%
ES	29	33	34	30	27	25	25	20	19	18	17	-6.4%
LU	52	25	25	37	48	36	12	0	47	12	23	-6.3%
EE	64	41	58	28	58	47	18	37	58	30	30	-5.6%
PL	48	43	37	35	33	38	34	35	26	24	26	-5.6%
LV	43	70	40	37	41	56	43	17	35	37	35	-5.3%
IL	34	32	29	26	34	25	25	29	18	23	14	-5.3%
RO*	0	0	57	44	46	49	32	46	40	41	26	-4.4%
EL	39	32	31	24	28	29	28	27	28	23	34	-4.0%
СН	36	22	27	32	23	28	24	17	27	21	17	-3.7%
CY	0	19	56	25	6	13	20	7	35	14	29	-3.7%
IT	19	16	18	17	23	24	18	15	16	13	11	-1.8%
HU	25	23	28	25	22	31	20	24	22	28	24	-0.6%
BG*	NA	NA	NA	32	30	31	31	39	26	31	29	-0.3%
MT	NA	NA	NA	NA	NA	NA	NA	NA	42	NA	NA	NA
PIN	30	29	28	27	24	23	22	20	21	18	16	-6.9%
EU-27	30	29	28	27	24	23	22	20	21	18	16	-6.9%

Table 9. Average annual percentage change in road mortality among children aged 0-14 over the past decade (1998-2007)

(Chapter 3 - Fig. 16)

Source: National statistics supplied by PIN Panelists in each country Children aged 0 to 14 (included) are considered expect for Germany (0 to 15) and Malta (1 to 10).

* Bulgaria (2001-2007), Lithuania (2005-2007), Romania (2000-2007), Slovakia (2003-2007) Malta and Cyprus are excluded from Fig. 16 because the numbers of deaths in those countries are so small as to be subject to substantial random fluctuation.

For the estimation of the average annual reduction, a three years moving average method is used. See PIN Flash 12 Methodological Note on www.etsc.eu/PIN-publications.php

Country	Children (0-14)
SE	8
NO	9
UK	11
DE	12
NL	12
СН	12
FR	12
IT	14
MT	14
FI	15
DK	15
AT	16
IE	16
РТ	17
ES	18
IL	18
BE	18
SK	19
CZ	22
SI	22
HU	24
PL	25
EL	25
СҮ	26
LU	27
BG	29
LV	35
RO	38
EE	39
LT*	57
PIN	16
EU-27	16

Table 10. Road mortality among children.

Average values for years 2005, 2006, 2007 (Chapter 3 - Fig. 18)

Source: National statistics supplied by PIN Panelists in each country Children aged 0 to 14 (included) are considered expect for Germany (0 to 15) and Malta (1 to 10).

* LT (2006-2007)

Capital city	Road deaths in capital cities per 100,000 resident capitals' population / Year										ar	Average yearly %
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	in capital cities over the period 1997-2007
Dublin	10.9	8.2	5.5	5.3	2.8	3.4	2.6	5.2	3.8	3.8	2.2	-12.2%
Lisbon	16.5	15.1	15.0	13.2	10.4	10.0	10.1	6.5	7.9	4.9	4.3	-10.1%
Oslo	1.6	2.6	3.2	1.2	2.9	2.1	2.1	1.1	0.6	0.7	1.8	-9.4 %
Sofia	12.8	12.0	9.0	6.9	9.2	8.3	7.5	6.5	6.8	7.5	6.3	-7.2%
Jerusalem	4.5	4.1	4.6	4.6	2.1	3.1	2.7	4.1	1.9	2.3	3.6	-7.0%
Bratislava	20.2	21.1	14.3	17.4	14.9	16.6	9.4	17.4	10.6	12.7	6.6	-6.8%
Madrid	4.9	4.9	3.3	3.7	4.0	4.0	3.4	2.8	2.0	2.0	2.7	-6.0%
Bucharest	7.9	8.1	6.9	5.0	5.9	4.9	4.7	5.2	6.8	5.9	6.3	-5.0%
Warsaw	10.6	11.9	11.9	8.3	7.8	7.9	7.3	8.4	7.5	6.4	6.5	-5.0%
Paris	4.5	4.2	4.4	3.1	5.3	3.5	2.5	2.3	2.5	3.0	1.7	-4.9%
Copenhagen	3.3	3.3	4.5	5.8	2.5	3.4	2.4	2.0	2.0	3.2	3.4	-4.7%
Tallinn	6.8	8.3	5.7	6.0	6.5	6.8	3.3	5.0	4.3	5.6	6.3	-4.6%
Berlin	2.5	2.5	3.0	2.9	1.9	2.4	2.3	2.1	2.0	2.2	1.6	-4.0%
Prague	8.3	5.9	6.6	7.5	6.6	7.7	6.2	5.5	5.9	5.2	3.0	-4.0%
Ljubljana	9.0	6.0	9.9	8.0	5.0	5.8	6.2	4.3	6.6	7.0	13.0	-3.9%
Stockholm	2.4	2.3	2.3	2.7	2.1	2.4	1.6	1.6	1.2	0.9	2.0	-3.4%
Riga	13.0	13.5	12.1	13.0	11.0	10.3	11.2	12.4	9.0	9.6	9.7	-3.4%
Athens	8.5	8.4	8.6	7.8	8.4	6.6	5.9	6.9	7.4	7.7	6.6	-3.2%
Budapest	7.6	7.5	6.5	6.9	6.3	6.2	5.7	5.5	5.9	5.9	5.9	-3.2%
Vienna	3.6	2.5	3.9	2.2	2.6	2.9	2.8	2.7	2.1	2.0	2.1	-2.5%
Brussels	4.2	4.0	5.2	4.6	3.8	3.8	3.0	3.7	2.8	2.6	3.0	-2.3%
Amsterdam	3.2	2.8	4.3	5.1	4.1	3.1	1.9	1.9	2.6	2.7	3.4	-1.3%
London	3.8	3.2	3.7	4.0	4.2	3.9	3.7	2.9	2.9	3.1	3.0	-0.9%
Rome	7.2	12.9	5.1	11.5	11.9	14.3	6.5	10.2	9.3	9.1	6.0	-0.8%
Helsinki	1.7	2.7	2.7	2.9	2.1	3.2	2.9	1.6	1.6	2.3	1.9	0.8%
Valletta ⁽¹⁾	n/a	n/a	n/a	0	0	0	0	0	0	0	0	n/a
EU average ⁽²⁾	6	6	6	6	6	5	4	5	4	4	4	-4.1%
PIN average ⁽³⁾	7	7	6	6	6	6	5	5	5	5	4	-3.7%

Table 11. Road deaths in capital cities per 100,000 resident capitals' population and their average yearly percentage change over the period 1997-2007

(Chapter 4 - Fig. 23)

Source: National statistics provided by the PIN panelists in each country, completed with Eurostat for population figures

 $^{\scriptscriptstyle (1)}$ No one has been killed in a road collision in Valletta between 2000 and 2007

⁽²⁾ EU (27) excluding Nicosia (CY) and Luxembourg (LU)

⁽³⁾ PIN (30) excluding Bern (CH), Nicosia (CY) and Luxembourg (LU)

Nicosia, Vilnius, Bern and Luxembourg are excluded from Fig. 23. Nicosia and Vilnius because the number of deaths is available only since 2000 and 2001 respectively. Bern because annual numbers of deaths in those countries are below 10 and thus subject to substantial random fluctuation, representing an obstacle which could not be overcome by the method applied. Luxembourg because population number for the capital city is available since 2005 only.

See PIN Flash 11 Methodological Note on www.etsc.eu/PIN-publications.php

Country	Capital city	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
AT	Vienna	38	56	39	60	34	41	45	45	43	34	33	35
BE	Brussels	31	40	38	50	44	37	37	30	37	28	26	31
BG	Sofia	n/a	143	135	102	79	101	92	85	74	78	87	73
СҮ	Nicosia	n/a	n/a	n/a	11	18	10	18	18	15	12	12	16
CZ	Prague	95	100	70	78	89	76	89	72	64	70	62	36
DK	Copenhagen	32	19	19	26	34	15	20	14	12	12	19	20
EE	Tallinn	31	28	34	23	24	26	27	13	20	17	22	25
FI	Helsinki	10	9	15	15	16	12	18	16	9	9	13	11
FR	Paris	264	242	245	254	231	287	247	186	168	164	162	127
DE	Berlin	120	87	85	103	98	65	82	77	70	67	74	56
EL	Athens	333	278	278	284	260	281	220	199	232	251	263	226
HU	Budapest	142	143	139	118	124	111	108	98	93	100	101	100
IE	Dublin	39	53	40	27	26	14	17	13	26	19	19	11*
IL	Jerusalem	39	28	26	30	30	14	21	19	29	14	17	27
IT ⁽¹⁾	Rome	236	190	338	132	296	305	363	165	260	237	231	163*
LV	Riga	111	104	106	94	100	83	77	83	91	66	70	70
LT	Vilnius	n/a	n/a	n/a	n/a	n/a	54	53	59	53	53	45	67
LU	Luxembourg	n/a	n/a	n/a	n/a	6	4	9	1	6	2	2	4
MT	Valletta	0	0	0	0	0	0	0	0	0	0	0	0
NL	Amsterdam	24	23	20	31	37	30	23	14	14	19	20	25
NO	Oslo	21	8	13	16	6	15	11	11	6	3	4	10
PL	Warsaw	158	173	192	193	134	125	134	124	142	127	109	110
PT	Lisbon	91	91	81	78	75	58	55	55	34	41	25	22
RO	Bucharest	179	161	164	139	100	118	94	90	101	131	113	122
SK	Bratislava	90	91	95	64	78	64	71	40	74	45	54	28
SI	Ljubljana	37	24	16	26	21	13	15	16	11	17	18	33
ES	Madrid	91	142	141	94	106	117	121	104	88	63	63	85
SE	Stockholm	11	17	17	17	20	16	18	12	12	9	7	16
CH	Bern	4	1	8	3	3	5	5	4	3	5	2	3
UK	London	251	276	226	264	286	300	281	272	216	214	231	222
		0.444	0.400	0.500	0.000	0.000	0.000	0.004	1.004	1.005	1.005	1.001	1 500
EU		2,414	2,490	2,533	2,283	2,336	2,363	2,334	1,901	1,965	1,885	1,881	1,560
PIN		2,478	2,527	2,580	2,332	2,375	2,397	2,371	1,935	2,003	1,907	1,904	1,600

Table 12. Number of road deaths in the administrative area of the capital city

Source: National statistics provided by the PIN panelists in each country $^{\ast}\ provisional\ 2007\ figures$

⁽¹⁾ Italy: A correction factor of 1.04 has been applyied to number of deaths before 2000. Since 2001 the 30 days road deaths definition is applyied. Figures from 1996-1999 should be taken with cautious because of underreporting.

Capital city	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Vienna	1,539,002	1,542,191	1,540,875	1,542,252	1,548,537	1,553,956	1,562,737	1,583,814	1,598,626	1,626,440	1,651,437	1,664,146
Brussels	948,122	950,597	953,175	954,460	959,318	964,405	978,384	992,041	999,899	1,006,749	1,018,804	1,031,215
Sofia		1,114,168	1,122,302	1,133,183	1,142,152	1,099,507	1,113,742	1,127,556	1,138,950	1,148,429	1,153,754	1,156,885
Nicosia	193,000	195,700	198,200	200,200	202,300	204,100	206,200	208,900	213,500	219,200	224,500	228,400
Prague	1,204,953	1,200,455	1,193,270	1,186,855	1,181,126	1,160,118	1,161,938	1,165,581	1,170,571	1,181,610	1,188,126	1,212,097
Copenhagen	565,540	572,888	577,476	581,309	586,026	590,224	591,853	592,720	593,385	594,248	593,013	595,933
Tallinn	421,249	413,851	408,238	404,091	400,781	399,685	398,434	397,150	396,375	396,010	396,193	396,852
Helsinki	532,053	539,363	546,317	551,123	555,474	559,718	559,716	559,330	559,046	560,905	564,521	568,531
Paris	6,134,274	6,134,394	6,141,921	6,161,923	6,202,341	6,245,837	6,286,068	6,326,333	6,362,310	6,408,218	6,477,982	6,477,982
Berlin	3 458 763	3 425 759	3 398 822	3 386 667	3 382 169	3 388 434	3 392 425	3 388 477	3 387 828	3 395 189	3,404,037	3,416,000
Athens	3,258,760	3,280,836	3,301,478	3,319,473	3,333,587	3,342,617	3,348,409	3,354,072	3,372,570	3,401,546	3,423,934	3,447,843
Budapest	1,896,403	1,873,809	1,846,650	1,821,394	1,791,098	1,759,209	1,739,569	1,719,342	1,705,309	1,697,343	1,698,106	1,696,128
Dublin	481,854	484,175	486,496	488,818	491,139	493,460	495,781	498,389	500,996	504,195	506,211	507,000
Jerusalem	602,100	622,100	633,700	646,300	657,500	670,000	680,400	693,200	706,400	719,900	733,300	746,300
Rome	2,653,253	2,630,040	2,610,178	2,587,635	2,570,489	2,559,005	2,545,860	2,540,829	2,542,003	2,553,873	2,547,677	2,705,603
Riga	810,172	797,947	786,612	776,008	766,381	756,627	747,157	739,232	735,241	731,762	727,578	722,485
Vilnius	578,327	571,164	565,881	562,353	558,816	554,104	553,201	553,057	552,603	552,844	553,391	554,300
Luxembourg											76,600	86,986
Valletta ⁽¹⁾										6,300		9,300
Amsterdam	718,119	715,148	718,151	727,053	731,288	734,594	735,526	736,562	739,104	742,783	743,079	742,884
Oslo	488,659	494,793	499,693	502,867	507,467	508,726	512,589	517,401	521,886	529,846	538,411	548,617
Warsaw ⁽²⁾	1,628,505	1,624,843	1,618,468	1,615,369	1,610,471	1,609,780	1,688,194	1,689,559	1,692,854	1,697,596	1,702,139	1,704,717
Lisbon ⁽³⁾	572,370	554,050	535,740	517,650	568,444	558,965	549,766	540,022	529,485	519,795	509,751	499,700
Bucharest	2,037,278	2,027,512	2,016,131	2,011,305	2,009,200	1,996,814	1,934,449	1,929,615	1,927,559	1,924,959	1,931,236	1,931,838
Bratislava ⁽⁴⁾	450,000	450,000	449,547	448,292	447,345	428,094	427,049	425,533	425,155	425,459	425,533	426,091
Ljubljana	268,100	266,500	265,000	263,400	261,700	260,100	258,900	258,000	257,100	256,100	255,400	254,300
Madrid ⁽⁵⁾	2,866,850	2,874,178	2,881,506	2,879,052	2,882,860	2,957,058	3,016,788	3,092,759	3,099,834	3,155,359	3,128,600	3,132,463
Stockholm	711,119	718,462	727,339	736,113	743,703	750,348	754,948	758,148	761,721	765,044	771,038	782,885
Bern	130,128	128,429	126,886	126,467	126,752	126,661	127,330	127,519	127,352	127,421	127,882	128,345
London	7,172,000	7,172,000	7,172,000	7,172,000	7,172,000	7,172,000	7,280,000	7,388,000	7,400,000	7,450,000	7,500,000	7,521,000
EU	36,606,323	33,654,593	36,451,724	36,394,518	36,420,811	36,425,100	36,603,409	36,790,810	36,842,109	37,043,609	37,152,404	38,591,011
PIN	35,445,092	32,562,903	35,415,532	35,410,050	35,418,108	35,461,106	35,675,170	35,899,469	35,984,043	36,214,065	36,365,084	36,681,636

Table 13. Resident population in the capital city (1996-2007) by 1st of January of each year

⁽¹⁾ Census of Household and Population 2005 (Malta)

(2) Central Statistical Office. Data for 1990 – 1999 were compiled on the basis of Population Census 1988. Since 2000 the data regarding the

population and its structure as well as all demographic indices are compiled on the basis of the Population and Housing Census 2002

⁽³⁾ Resident population at the end of the year (source: Anuário Estatistico da Região de Lisboa e Vale do Tejo)

⁽⁴⁾ Populations of the end of the year - (source: Statistical Office of the Slovak Republik; Presidium of Police Force)

⁽⁵⁾ For 1996 population data by 1st of May.

Numbers in Italic estimated (extrapolated, or interpolated)

PIN Events September 2008 to June 2009

Date	Event	Venue	Host
25 June 2009	2 nd PIN Talk Spain	Madrid	Ministry of Interior (DGT)
22 June 2009	3 rd PIN Conference	Brussels	
6 May 2009	2 nd PIN Talk Germany "Road Safety of Children"	Berlin	German Road Safety Council (DVR)
14 April 2009	PIN Flash Launch "Boost the market for safer cars across the EU"	Brussels	MEP Dirk Sterckx – PIN Ambassador
9 April 2009	2 nd PIN Talk Italy "Road Safety in Italy and in Europe"	Rome	Ministry of Infrastructure and Transport
19 March 2009	PIN Talk Czech Republic "Regional and Local Action as a Motor for Road Safety Improvements in the Czech Republic" Part of the official programme of the Czech Presidency	Prague	National Parliament, Ministry of Transport; Czech Transport Research Center (CDV)
9 February 2009	PIN Flash Launch "Reducing Child Deaths on European Roads"	Brussels	Swedish Permanent Representation Office to the EU
5 December 2008	PIN Talk Slovenia "Road Safety at local level"	Ljubljana	Ministry of Transport
3 December 2008	PIN Talk Belgium "Réduire les accidents deux- roues motorisées en Belgique"	Brussels	National Parliament, Belgium Institute for Road Safety (IBSR/BIVV)
17 October 2008	PIN Talk France "Poursuivre les progrès accomplis en sécurité routière en France"	Paris	Ministère du Développement Durable; Prévention Routière
8 October 2008	PIN Flash Launch "En route to safer mobility in EU capitals"	Brussels	POLIS - European Cities and Regions networking for innovative transport solutions
3 September 2008	PIN Talk Denmark "Managing speed"	Copenhagen	Danish Road Safety Council