

International Comparisons for Road Deaths

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Notes

1. The data in this section are derived from data submitted to the OECD International Road Traffic and Accident Database maintained by Bundesanstalt für Strassenwesen, Germany. Only countries that contribute to the database are included in this section.

Table 1
International Comparison of Death Rates

Country	Year	Population (Thousand)	Vehicles (Thousand)	Vehicles per capita	Road deaths	Deaths per 100 000 population	Deaths per 10 000 vehicles
AUSTRALIA	2005	20340	13920	0.68	1639	8.1	1.2
AUSTRIA	2005	8233	5279	0.64	768	9.3	1.5
BELGIUM	2005	10446	6159	0.59	1089	10.4	1.8
CANADA	2004	31946	19081	0.60	2725	8.5	1.4
CZECH REPUBLIC	2005	10221	4732	0.46	1286	12.6	2.7
DENMARK	2005	5416	2570	0.47	331	6.1	1.3
FINLAND	2005	5237	2871	0.55	379	7.2	1.3
FRANCE	2005	60561	37168	0.61	5318	8.8	1.4
GERMANY	2005	82501	54520	0.66	5361	6.5	1.0
GREECE	2005	11083	6641	0.60	1658	15.0	2.5
HUNGARY	2005	10098	3370	0.33	1278	12.7	3.8
ICELAND	2005	300	236	0.79	19	6.3	0.8
IRELAND	2003	3979	1937	0.49	335	8.4	1.7
ITALY	2004	57888	43141	0.75	5625	9.7	1.3
JAPAN	2005	127768	82816	0.65	7931	6.2	1.0
LUXEMBOURG	2004	451	358	0.79	50	11.1	1.4
NETHERLANDS	2005	16306	8627	0.53	750	4.6	0.9
NEW ZEALAND	2005	4098	3030	0.74	405	9.9	1.3
NORWAY	2005	4606	2938	0.64	224	4.9	0.8
POLAND	2005	38157	16815	0.44	5444	14.3	3.2
PORTUGAL	2005	10570	5481	0.52	1247	11.8	2.3
SLOVAKIA	2002	5379	1834	0.34	610	11.3	3.3
SLOVENIA	2005	2003	1150	0.57	258	12.9	2.2
SOUTH KOREA	2005	48294	18503	0.38	6376	13.2	3.4
SPAIN	2005	43477	27657	0.64	4442	10.2	1.6
SWEDEN	2005	9011	5131	0.57	440	4.9	0.9
SWITZERLAND	2005	7415	5043	0.68	409	5.5	0.8
UNITED KINGDOM	2005	60209	33717	0.56	3336	5.5	1.0
USA	2005	296410	242721	0.82	43443	14.7	1.8

NOTES: Data are for countries that contribute data to the International Road Traffic and Accident Database.
Values marked with an * use at least some data from an earlier year.

Figure 1A
International Comparison of Deaths per
100 000 Population (2005)

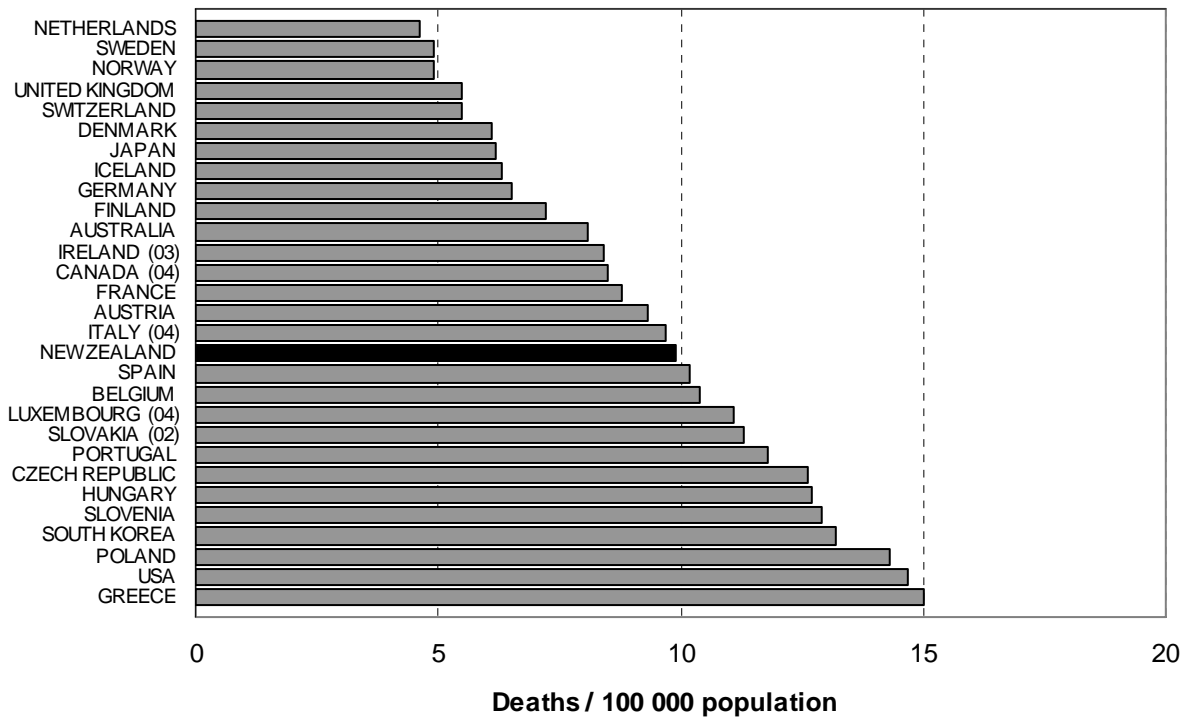


Figure 1B
International Comparison of Deaths per
10 000 Vehicles (2005)

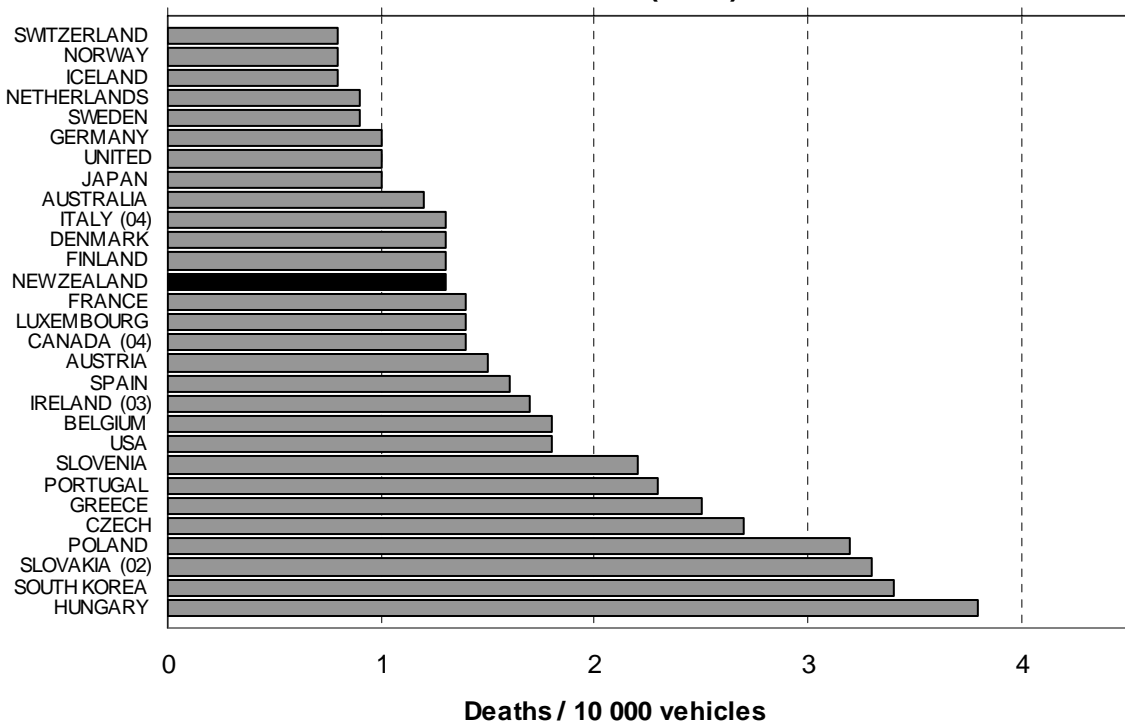


Table 2
Type of Road User Killed

Country	Year	Percentage of Deaths					Total number killed
		Vehicle Occupants #	Motorcyclists (including mopeds)	Pedestrians	Cyclists	Unknown	
AUSTRALIA							
AUSTRIA	2005	63.2	18.1	12.6	6.1	0.0	768
BELGIUM	2005	63.7	14.0	9.9	6.5	5.8	1089
CANADA	2004	76.4	7.3	13.5	2.1	0.8	2725
CZECH REPUBLIC	2005	58.2	9.6	23.2	8.9	0.0	1286
DENMARK	2005	60.7	13.6	13.3	12.4	0.0	331
FINLAND	2005	67.8	9.0	11.9	11.3	0.0	379
FRANCE	2005	61.4	23.3	11.9	3.4	0.0	5318
GERMANY	2005	58.2	18.3	12.8	10.7	0.0	5361
GREECE	2005	56.8	28.0	14.1	1.1	0.0	1658
HUNGARY	2005	54.5	11.0	22.6	11.9	0.0	1278
ICELAND	2005	89.5	0.0	5.3	0.0	0.0	19
IRELAND							
ITALY	2004	55.9	26.2	12.6	5.3	0.0	5625
JAPAN	2005	37.9	17.4	30.8	13.9	0.0	7931
LUXEMBOURG	2004	54.0	22.0	24.0	0.0	0.0	50
NETHERLANDS	2005	49.6	18.4	11.1	20.1	0.8	750
NEW ZEALAND	2005	80.5	8.9	7.7	3.0	0.0	405
NORWAY	2005	67.4	15.6	13.8	3.1	0.0	224
POLAND	2005	52.8	3.9	32.3	11.1	0.0	5444
PORTUGAL	2005	55.4	23.6	17.2	3.8	0.0	1247
SLOVAKIA							
SLOVENIA	2005	62.8	15.5	14.3	7.0	0.4	258
SOUTH KOREA	2005	36.6	18.7	40.0	4.7	0.0	6376
SPAIN	2005	65.2	17.7	15.3	1.8	0.0	4442
SWEDEN	2005	67.7	12.3	11.4	8.6	0.0	440
SWITZERLAND	2005	51.6	22.5	16.9	9.0	0.0	409
UNITED KINGDOM	2005	57.0	17.5	21.0	4.6	0.0	3336
USA	2004	77.7	9.1	10.9	1.7	0.3	42636

NOTES: Data are for countries that contribute data to the International Road Traffic and Accident Database.

Includes "other" road users ie. those that do not fit in any other category.

Table 3
Deaths per 100,000 Population by Age Group

Country	Year	Age Group in Years							All ages
		0 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	Over 64	
AUSTRALIA	2005	5.6	44.1	11.6	7.2	6.4	12.9	10.1	8.1
AUSTRIA	2005	5.6	56.7	11.2	8.4	8.5	14.3	11.3	9.3
BELGIUM	2005	5.9	52.6	15.7	11.1	9.4	18.0	10.3	10.4
CANADA	2004	5.0	47.7	9.6	7.6	7.1	16.0	11.8	8.5
CZECH REPUBLIC	2005	8.3	53.2	14.5	12.5	14.0	23.2	14.1	12.6
DENMARK	2005	3.7	37.1	7.5	5.6	5.9	9.1	8.6	6.1
FINLAND	2005	7.2	32.3	9.4	6.4	6.9	10.1	11.0	7.2
FRANCE	2005	3.8	55.6	11.9	7.9	7.6	12.3	10.0	8.8
GERMANY	2005	4.0	40.1	7.6	5.8	5.8	10.1	7.6	6.5
GREECE	2005	8.2	73.2	21.3	14.6	11.1	21.5	16.0	15.0
HUNGARY	2004	7.5	33.1	17.7	15.5	14.6	27.5	13.7	12.8
ICELAND	2005	0.0	61.8	0.0	4.7	9.8	20.8	5.7	6.3
IRELAND									
ITALY									
JAPAN	2005	3.3	20.5	4.2	3.9	4.6	12.6	13.4	6.2
LUXEMBOURG									
NETHERLANDS	2005	3.1	24.1	5.3	3.7	4.1	7.0	8.2	4.6
NEW ZEALAND	2005	10.6	68.4	8.7	8.8	9.5	12.7	11.3	9.9
NORWAY	2004	3.6	40.8	7.3	4.0	3.8	7.9	8.2	5.6
POLAND	2005	8.1	49.9	16.2	14.1	15.5	28.3	18.2	14.3
PORTUGAL	2005	5.7	57.3	14.3	12.9	11.2	21.7	12.3	11.8
SLOVAKIA									
SLOVENIA	2005	11.5	56.3	20.3	12.8	12.5	15.0	13.1	12.9
SOUTH KOREA	2005	9.5	23.3	9.4	11.7	15.8	47.8	38.8	13.2
SPAIN	2005	5.8	49.3	13.4	10.0	9.5	18.6	9.8	10.2
SWEDEN	2005	1.7	23.3	6.1	4.7	5.0	8.8	6.7	4.9
SWITZERLAND	2005	3.4	32.5	4.9	4.5	4.5	9.4	9.2	5.5
UNITED KINGDOM	2005	3.5	35.3	7.2	5.3	4.6	7.1	6.4	5.5
USA	2004	10.6	77.6	17.1	14.5	14.4	26.3	17.9	14.5

NOTES: Data are for countries that contribute data to the International Road Traffic and Accident Database.

Table 4
Percentage of Deaths by Age Group

Country	Year	Age Group in Years							
		0 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	Over 64	Unknown age
AUSTRALIA	2005	4.6	25.3	20.4	13.3	10.9	8.6	16.5	0.4
AUSTRIA	2005	3.3	24.5	16.0	15.4	12.4	8.9	19.7	0.0
BELGIUM	2005	3.4	20.8	19.8	16.2	12.7	9.5	17.1	0.6
CANADA	2004	3.5	25.6	15.4	14.3	12.6	9.9	17.9	0.7
CZECH REPUBLIC	2005	3.2	19.8	19.3	13.1	16.2	12.4	15.7	0.4
DENMARK	2005	3.9	21.8	16.6	13.9	13.0	9.7	21.1	0.0
FINLAND	2005	5.5	18.2	15.8	12.4	14.2	9.8	24.0	0.0
FRANCE	2005	2.7	27.9	18.0	12.9	11.9	7.6	18.7	0.4
GERMANY	2005	3.0	24.2	14.1	15.1	12.7	9.1	21.7	0.1
GREECE	2005	2.7	22.0	22.0	14.7	10.0	8.0	19.4	1.3
HUNGARY	2004	3.0	12.2	21.6	15.4	17.4	12.7	16.5	1.3
ICELAND	2005	0.0	42.1	0.0	10.5	21.1	15.8	10.5	0.0
IRELAND									
ITALY									
JAPAN	2005	2.4	12.2	9.6	8.2	9.5	14.7	43.3	0.0
LUXEMBOURG									
NETHERLANDS	2005	4.1	20.7	15.5	12.9	12.7	9.1	25.1	0.0
NEW ZEALAND	2005	7.7	32.8	11.6	13.6	12.8	6.4	13.8	1.2
NORWAY	2004	4.3	28.7	18.2	10.5	8.9	8.1	21.3	0.0
POLAND	2005	3.0	19.9	17.5	12.7	17.1	10.3	17.0	2.6
PORTUGAL	2005	2.6	20.5	18.8	16.2	12.7	10.4	17.8	1.0
SLOVAKIA									
SLOVENIA	2005	3.9	19.8	23.6	15.1	15.1	6.6	15.9	0.0
SOUTH KOREA	2005	4.5	8.6	12.1	15.6	16.9	15.6	26.7	0.1
SPAIN	2005	2.7	19.7	22.4	15.8	12.1	9.7	16.1	1.7
SWEDEN	2005	2.3	19.5	16.1	13.6	13.2	11.6	23.6	0.0
SWITZERLAND	2005	3.4	23.0	12.0	13.7	11.5	10.0	26.4	0.0
UNITED KINGDOM	2005	3.7	27.6	17.1	14.7	10.6	7.6	18.5	0.3
USA	2004	5.1	25.4	16.1	15.0	14.0	8.9	15.3	0.3

NOTES: Data are for countries that contribute data to the International Road Traffic and Accident Database.

Figure 2

Age Distribution of Road Deaths for Selected Countries

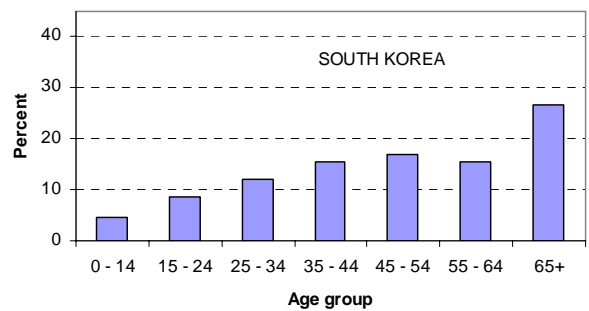
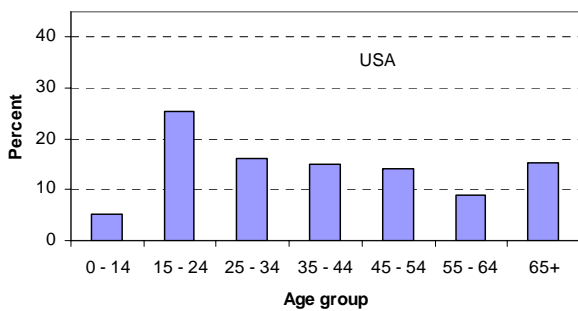
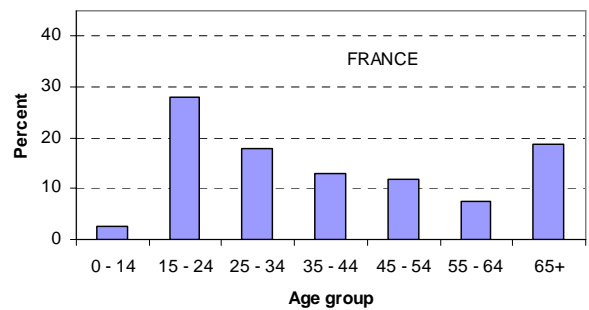
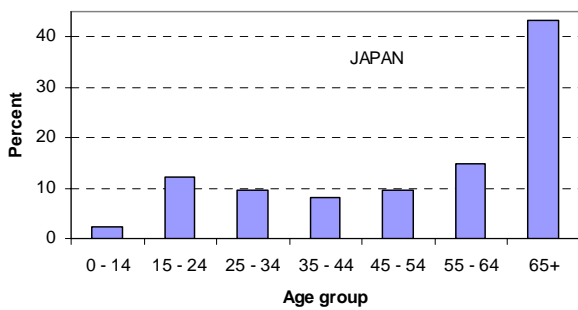
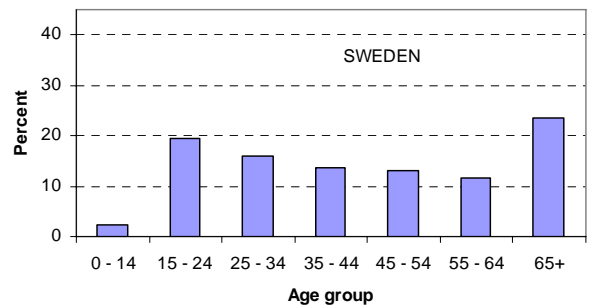
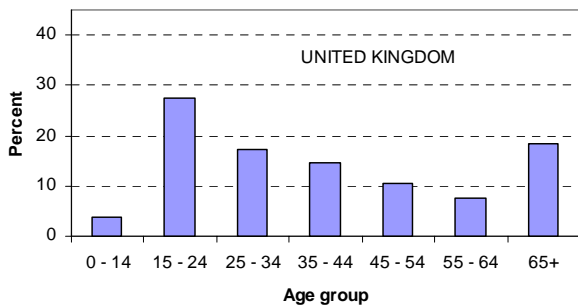
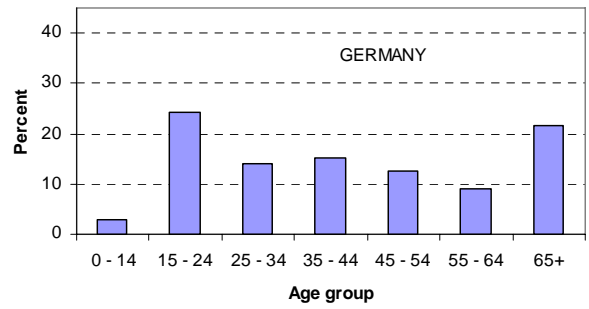
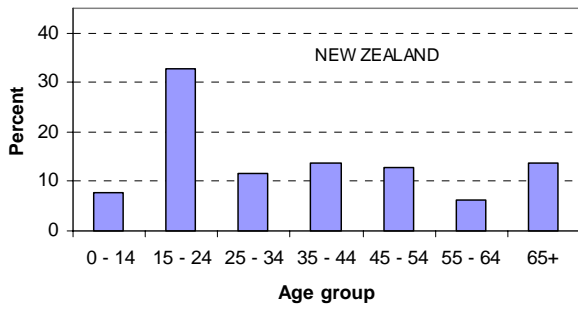


Table 5

Deaths per 100,000 Population by Year

Country	Year										
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
AUSTRALIA	11.2	10.8	9.5	9.4	9.3	9.5	9.0	8.7	8.2	7.9	8.1
AUSTRIA	15.2	12.9	13.9	12.1	13.5	12.2	11.9	11.8	11.5	10.7	9.3
BELGIUM	14.3	13.4	13.4	14.7	13.7	14.4	14.5	13.1	11.7	11.2	10.4
CANADA	11.4	10.4	10.2	9.7	9.8	9.5	8.9	9.3	8.7	8.5	
CZECH REPUBLIC	15.4	15.2	15.5	13.2	14.1	14.5	13.0	14.0	14.2	13.5	12.6
DENMARK	11.2	9.8	9.3	9.4	9.7	9.3	8.1	8.6	8.0	6.8	6.1
FINLAND	8.7	7.9	8.5	7.8	8.4	7.7	8.4	8.0	7.3	7.2	7.2
FRANCE	15.3	14.7	14.4	15.2	14.4	13.6	13.8	12.9	10.2	9.3	8.8
GERMANY	11.6	10.7	10.4	9.5	9.5	9.1	8.5	8.3	8.0	7.1	6.5
GREECE	23.1	20.6	20.1	20.8	20.1	18.7	17.2	14.9	14.6	15.1	15.0
HUNGARY	15.5	13.4	13.7	13.5	12.9	12.0	12.2	14.0	13.1	12.8	12.7
ICELAND	9.0	3.7	5.5	9.8	7.5	11.3	8.4	10.1	7.9	7.8	6.3
IRELAND	12.1	12.5	12.9	12.4	11.0	11.0	10.7	9.6	8.4		
ITALY	12.3	11.7	11.7	11.9	11.5	11.5	11.6	11.8	10.6	9.7	
JAPAN	10.1	9.3	8.9	8.5	8.2	8.2	7.9	7.5	7.0	6.7	6.2
LUXEMBOURG	17.0	17.2	14.4	13.4	13.5	17.5	15.9	14.0	11.8	11.1	
NETHERLANDS	8.7	7.6	7.5	6.8	6.9	6.8	6.2	6.1	6.4	5.0	4.6
NEW ZEALAND	16.0	13.8	14.4	13.2	13.4	12.1	11.8	10.3	11.5	10.7	9.9
NORWAY	7.0	5.8	6.9	8.0	6.8	7.6	6.1	6.9	6.2	5.6	4.9
POLAND	17.9	16.5	18.9	18.3	17.4	16.3	14.3	15.3	14.8	15.0	14.3
PORTUGAL	25.2	25.4	23.4	22.4	21.0	18.1	16.2	16.1	14.8	12.3	11.8
SLOVAKIA	12.3	11.5	14.6	15.2	12.0	11.6	11.4	11.3			
SLOVENIA	20.9	19.5	18.0	15.6	16.9	15.8	13.9	13.5	12.1	13.7	12.9
SOUTH KOREA	26.6	32.3	29.3	22.7	23.2	21.8	17.1	15.2	15.1	13.7	13.2
SPAIN	14.7	14.0	14.3	15.1	14.5	14.5	13.8	12.9	12.8	11.0	10.2
SWEDEN	6.5	6.1	6.1	6.0	6.6	6.7	6.2	6.0	5.9	5.4	4.9
SWITZERLAND	9.9	8.7	8.3	8.4	8.2	8.3	7.6	7.1	7.5	6.9	5.5
UNITED KINGDOM	6.5	6.4	6.4	6.1	6.1	6.1	6.1	6.0	6.1	5.6	5.5
USA	15.9	15.9	15.7	15.4	15.3	15.3	14.8	14.9	14.8	14.5	14.7

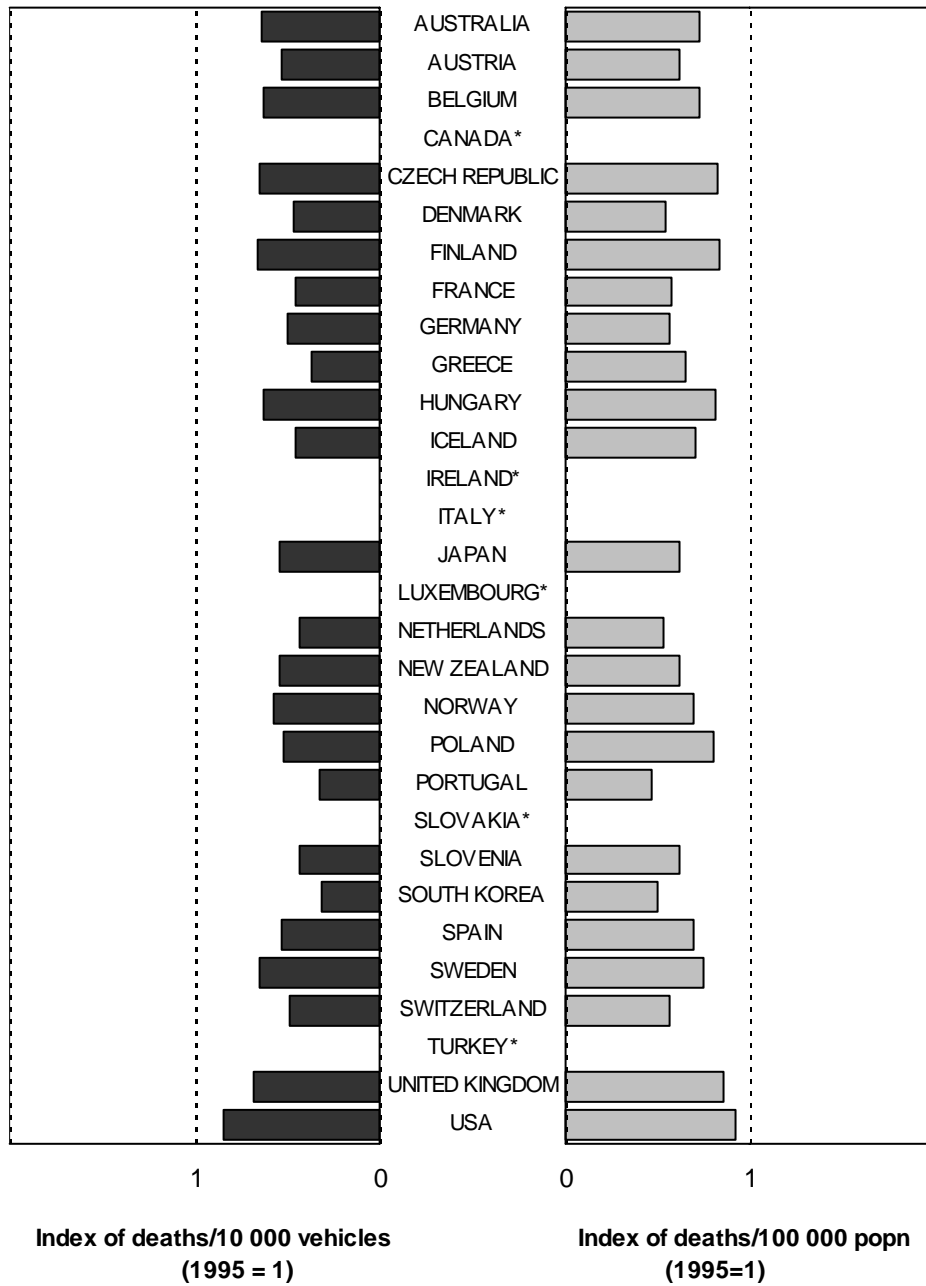
NOTES: Data are for countries that contribute data to the International Road Traffic and Accident Database.

Table 6
Deaths per 10 000 Vehicles by Year

Country	Year										
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
AUSTRALIA	1.8	1.8	1.5	1.5	1.4	1.5	1.4	1.3	1.2	1.2	1.2
AUSTRIA	2.7	2.3	2.4	2.0	2.2	1.9	1.8	1.8	1.8	1.7	1.5
BELGIUM	2.8	2.6	2.6	2.8	2.5	2.6	2.5	2.3	2.0	1.9	1.8
CANADA	2.0	1.8	1.7	1.6	1.7	1.6	1.5	1.6	1.5	1.4	
CZECH REPUBLIC	4.2	4.0	3.9	3.1	3.3	3.4	3.1	3.3	3.2	3.0	2.7
DENMARK	2.7	2.3	2.2	2.1	2.2	2.1	1.8	1.9	1.7	1.5	1.3
FINLAND	2.0	1.8	1.9	1.7	1.8	1.6	1.7	1.6	1.4	1.4	1.3
FRANCE	3.1	3.0	2.9	2.7	2.5	2.4	2.3	2.1	1.7	1.5	1.4
GERMANY	2.0	1.8	1.7	1.6	1.5	1.5	1.3	1.3	1.2	1.1	1.0
GREECE	6.7	5.7	5.2	5.0	4.5	4.0	3.5	2.9	2.7	2.6	2.5
HUNGARY	6.0	5.0	5.0	4.9	4.9	4.4	4.4	4.8	4.2	3.9	3.8
ICELAND	1.8	0.7	1.0	1.7	1.2	1.8	1.2	1.4	1.1	1.1	0.8
IRELAND	3.5	3.4	3.3	3.0	2.6	2.5	2.3	2.0	1.7		
ITALY	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.4	1.3	
JAPAN	1.8	1.6	1.5	1.4	1.3	1.3	1.3	1.2	1.1	1.0	1.0
LUXEMBOURG	2.5	2.5	2.1	1.9	1.9	2.4	2.1	1.8	1.5	1.4	-
NETHERLANDS	2.0	1.7	1.7	1.5	1.5	1.4	1.2	1.2	1.2	0.9	0.9
NEW ZEALAND	2.5	2.2	2.3	2.1	2.0	1.8	1.7	1.5	1.6	1.5	1.3
NORWAY	1.3	1.1	1.3	1.4	1.2	1.3	1.0	1.1	1.0	0.9	0.8
POLAND	6.2	5.4	5.9	5.6	5.1	4.5	3.8	3.8	3.5	3.4	3.2
PORTUGAL	6.9	6.5	5.6	5.1	4.4	3.9	3.4	3.3	3.0	2.4	2.3
SLOVAKIA	4.5	4.0	5.1	5.2	4.2	4.1	3.9	3.3			
SLOVENIA	5.1	4.6	4.0	3.3	3.4	3.1	2.7	2.6	2.3	2.5	2.2
SOUTH KOREA	10.8	11.8	9.8	7.1	7.2	6.9	5.1	4.4	4.1	3.6	3.4
SPAIN	3.1	2.8	2.8	2.8	2.6	2.5	2.3	2.1	2.1	1.8	1.6
SWEDEN	1.3	1.2	1.2	1.2	1.3	1.2	1.1	1.1	1.1	0.9	0.9
SWITZERLAND	1.7	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	0.8
UNITED KINGDOM	1.5	1.4	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0
USA	2.1	2.1	2.1	2	2	1.9	1.9	1.9	1.9	1.8	1.8

NOTES: Data are for countries that contribute data to the International Road Traffic and Accident Database.

Figure 3
2005 Death Rates Compared to 1995 Rates
(1995=1)



* = incomplete data for 2004 or 1994

Table 7
Percentage of Deaths by Road Category

Country	Year	URBAN ROADS	----- OUTSIDE URBAN AREAS -----			Total	Total number killed
		All Urban	Motorways	A-level roads	Other		
AUSTRALIA							
AUSTRIA	2005	26.2	12.0	32.4	29.4	73.8	768
BELGIUM	2005	23.4	14.5	10.6	46.4	76.6	1089
CANADA	2004	33.5	16.7	-	-	66.5	2725
CZECH REPUBLIC	2005	39.1	3.5	29.6	27.8	60.9	1286
DENMARK	2005	28.7	9.4	20.8	41.1	71.3	331
FINLAND	2005	26.6	2.6	39.1	31.7	73.4	379
FRANCE	2005	31.3	6.1	15.9	46.7	68.7	5318
GERMANY	2005	27.4	12.3	23.1	37.1	72.6	5361
GREECE	2005	45.7	6.7	26.0	21.6	54.3	1658
HUNGARY	2005	39.3	3.7	34.7	22.3	60.7	1278
ICELAND	2005	15.8	-	-	-	84.2	19
IRELAND							
ITALY	2004	41.1	11.5	-	-	58.9	5625
JAPAN	2005	51.3	2.9	-	-	48.7	7931
LUXEMBOURG							
NETHERLANDS	2005	33.9	17.3	-	-	66.1	750
NEW ZEALAND	2005	24.4	0.7	53.6	21.2	75.6	405
NORWAY	2005	16.5	-	-	-	83.5	224
POLAND	2005	45.8	0.6	-	-	54.2	5444
PORTUGAL	2005	43.1	7.9	9.6	39.5	56.9	1247
SLOVAKIA							
SLOVENIA	2005	31.0	9.7	23.3	36.0	69.0	258
SOUTH KOREA	2005	38.0	6.3	31.8	23.9	62.0	6376
SPAIN	2005	17.8	4.9	-	-	82.2	4442
SWEDEN	2005	25.0	5.5	-	-	75.0	440
SWITZERLAND	2005	33.5	6.1	39.4	21.0	66.5	409
UNITED KINGDOM	2005	33.4	6.2	-	-	66.6	3336
USA	2004	34.3	13.5	23.6	26.8	65.7	42636

NOTES: Data are for countries that contribute data to the International Road Traffic and Accident Database.
For NZ A-level roads are State Highways excluding motorways.

