









Cambodia
Road Traffic Accident and
Victim Information System



Monthly Report May 2007



Developed with the support of:

European Union



Belgian Cooperation



World Health Organization



I. Introduction

The **objective** of the Road Traffic Accident and Victim Information System (RTAVIS) is to provide government and development stakeholders in Cambodia with accurate, continuous and comprehensive information on **road traffic accidents and victims**.

It should allow them to better understand the current road safety situation, plan appropriate responses and evaluate impact of current and future initiatives.

The system is being developed by the Ministry of Public Works and Transport, the Ministry of Interior and the Ministry of Health, with the support of Handicap International.

In Siem Reap, Otdar Mean Chey and Kampong Cham provinces, the system is also supported by the Belgian Technical Cooperation.

The system is run based on data collection forms filled in by trained staff at major hospitals, private clinics and traffic police.

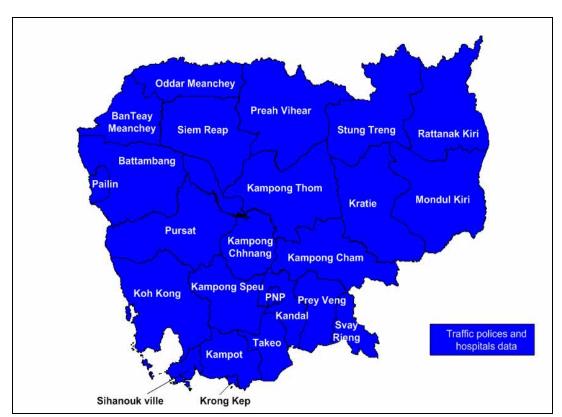
RTAVIS reports are **distributed monthly**. RTAVIS reports can also be found on the following website: www.roadsafetycambodia.info and www.cnctp.info

Notice:

This monthly report is a snapshot of the situation at a particular time of the year. More analysis is provided in the annual report. The annual report 2006 has been released in June 2007.

II. System Coverage

RTAVIS covers the whole country, with health facility and traffic police data, as illustrated on the map here below:



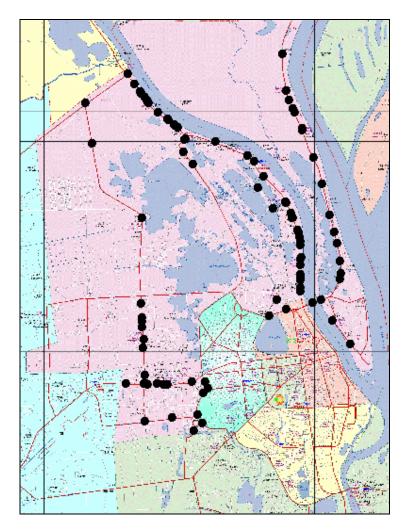
III. System Update

Introduction of GPS

From July 2006, Global Position System (GPS) devices have been introduced to the traffic police in Russei Keo District in Phnom Penh. The GPS coordinates allow us now to exactly locate accidents, using GIS data. GPS devices will from now be progressively introduced to other districts of Phnom Penh and provinces crossed by major national roads.

On the medium term, this will enable RTAVIS to identify blackspots of the Cambodian Road System.

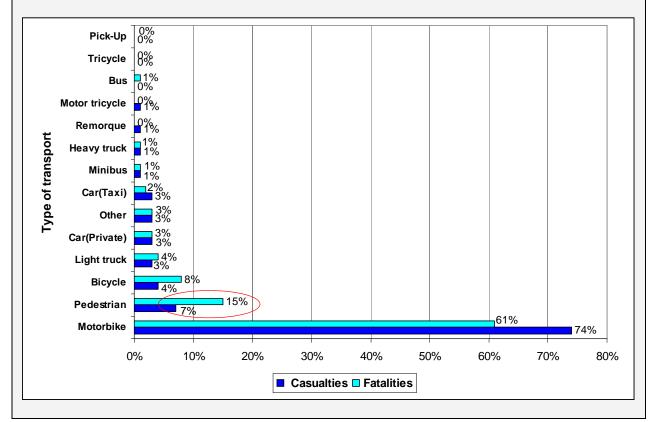
The following chart shows the locations of road traffic accidents in Russei Keo district from July 2006 to May 2007.



IV. Executive Summary

Key findings for the month of May 2007 are the following:

- A provisional number of 1,768 casualties were reported by the participating hospitals, health centres, private clinics and traffic police departments in the 24 reporting provinces. Among them, 407 were severely injured and 96 died.
- In Phnom Penh, 465 casualties were reported, corresponding to a 6% increase compared to May 2006 and a 39% increase compared to the previous month.
- 29% of four-wheeled vehicles involved in accident are right-hand-drive.
- 34% of casualties aged between 15 and 24 years old.
- 36% of casualties were suffering from head injury.
- Farmers constitute the larger group of fatalities than casualties (32% of fatalities, 28% of casualties).
- Motorbike users account for the large majority of casualties and fatalities (74% and 61%), followed by pedestrians and bicyclists. It is very interesting to note that pedestrians share 15% of fatalities, while they represent only 7% of casualties.



V. Evolution of Main Indicators

	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07
Number of casualties reported to RTAVIS	2,174	2,079	2,248	2,251	2,694	1,768
Gender	2,174	2,019	2,240	2,201	2,034	1,700
Percentage of males casualties	72%	720/	72%	700/	740/	740/
	12%	73%	12%	72%	74%	74%
Age						
Percentage of casualties aged between 15 and 24 years old	34%	35%	42%	38%	42%	34%
Type of road user						
Percentage of motorbike riders	71%	72%	73%	70%	76%	74%
Percentage of pedestrians	9%	8%	7%	7%	5%	7%
Percentage of car riders (private and taxis)	5%	5%	8%	5%	7%	6%
Percentage of bicycle riders	5%	5%	5%	4%	3%	4%
Occupation						
Percentage of students	23%	24%	25%	22%	20%	21%
Percentage of farmers	24%	26%	25%	28%	30%	28%
Percentage of workers	21%	18%	19%	20%	21%	19%
Percentage of house keepers	5%	5%	6%	5%	6%	6%
Percentage of vendors/small businesses owners	6%	7%	7%	6%	7%	7%
Percentage of motorbike taxis	4%	3%	5%	3%	3%	4%
Residence of casualty						
Percentage of casualties residing in another province than	400/	400/	400/	400/	450/	4.40/
the province of accident	13%	13%	16%	16%	15%	14%
Severity of injuries:						
Percentage of severely injured casualties (requiring	23%	23%	26%	25%	26%	23%
chirurgical intervention of ICU)	(495 cases)	(483 cases)	(583 cases)	(554 cases)	(697 cases)	
,	,	, ,	, ,	, ,	, ,	(407 cases)
Percentage of deaths	5%	6%	5%	4%	5%	5%
	(112 cases)	(130 cases)	(117 cases)	(97 cases)	(146 cases)	(96 cases)
Nature of injuries:						
Percentage of casualties suffering from cranial trauma	41%	40%	39%	32%	34%	36%
Percentage of them being considered as severe (coma)	9%	10%	9%	9%	12%	15%
Percentage of casualties suffering from fracture	18%	15%	14%	17%	12%	14%
Percentage of casualties having wounds/cuts	49%	57%	52%	59%	59%	58%
Day of accident:						
Percentage of casualties injured during the weekend (from						
Friday 6 pm to Sunday midnight)	41%	32%	43%	35%	38%	32%
Time of accident:						
Percentage of casualties injured during nighttime (from 6	000/	0.407	000/	070/	040/	200/
pm to 5.59 am)	30%	34%	32%	27%	31%	30%
Peak(s) of casualties	5pm-6pm	7pm-8pm	6pm-7pm	10am-11am	7pm-8pm	7pm-8pm
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Cause of accident						
Percentage of casualties injured in accidents due to human	94%	95%	95%	94%	95%	95%
error	100/	= 404	= 404	===:	==0/	4=0/
High speed	43%	51%	54%	55%	55%	45%
Alcohol abuse	17%	15%	18%	15%	16%	17%
Non respect of rights of way rules	8%	7%	7%	7%	7%	8%
Changing lane without due care	5%	5%	7%	6%	6%	5%
Dangerous overtaking	13%	13%	7%	7%	6%	15%
Driving against flow of traffic	3%	2%	1%	2%	2%	3%
Other	5%	2%	1%	2%	3%	2%
Percentage of casualties injured in accidents due to road conditions	14%	13%	15%	13%	16%	11%
Percentage of casualties injured in accidents due to weather conditions	0%	0%	0%	0%	1%	4%
Percentage of casualties injured in accidents due to vehicle defect	4%	3%	5%	3%	4%	6%
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	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07
Type of accident:						
Percentage of casualties injured in motorbike-motorbike	33%	35%	36%	34%	40%	37%
collisions	0070	0070	0070	0170	1070	0.70
Percentage of casualties injured in motorbike-4 wheeler collisions	17%	16%	18%	16%	17%	18%
Percentage of casualties injured in motorbike-pedestrian						
collisions	9%	8%	8%	7%	6%	7%
Percentage of motorbike casualties who fell alone	12%	8%	10%	10%	11%	11%
Average number of people injured per accident	3.6	3	2.7	4	3.6	2.7
Hit and Run						
Percentage of casualties injured in accidents where the						
driver of the vehicle causing the accidents escaped after the	17%	22%	19%	21%	18%	21%
accident	,.			=:,,		
Estimation of average vehicle damage cost	220 US\$	215 US\$	136 US\$	147 US\$	196 US\$	156 US\$
Percentage of four-wheeled vehicles with				554		
Left-hand-drive	89%	57%	67%	72%	77%	71%
Right-hand-drive	11%	43%	33%	28%	23%	29%
Location of accident:						
Percentage of casualties injured in urban areas	43%	47%	45%	43%	37%	42%
Percentage of casualties injured in accidents occurring on						
national roads	53%	56%	55%	52%	55%	57%
Percentage of casualties injured in accidents occuring on						
provincial roads	7%	6%	9%	8%	8%	6%
Percentage of casualties injured in accidents occurring on						
paved roads	73%	77%	78%	73%	67%	77%
Characteristics of location:						
Percentage of casualties injured in accidents occuring on						
straight roads	77%	80%	80%	78%	78%	78%
Percentage of casualties injured in junctions (X, T, Y-						
junctions and roundabout)	11%	14%	12%	10%	8%	10%
<u>′</u>	4.00/	00/	00/	400/	440/	00/
Percentage of casualties injured in curves	10%	6%	8%	10%	11%	8%
Safety Measures:						
Percentage of car/truck/bus drivers having a driving licence	45%	46%	42%	54%	51%	51%
Percentage of motorbikes' casualties wearing a helmet	5%	4%	2%	4%	3%	4%
Time to be transferred to hospitals:						
Percentage of casualties arriving at hospitals between 10						
and 30 minutes after the accident	34%	35%	34%	31%	32%	31%
Percentage of casualties arriving at hospital more than 2						
hours after the accident	29%	30%	33%	30%	34%	36%
Way to be transferred to hospitals:						
Percentage of casualties transported by ambulance	19%	17%	26%	27%	23%	21%
Percentage of casualties transported by ambulance Percentage of casualties transported to the hospital by their						
family or relatives	64%	62%	57%	56%	63%	64%
Percentage of casualties arriving alone at the hospital	17%	20%	17%	17%	14%	15%
Estimation of average cost of treatment	65 US\$	88 US\$	73 US\$	76 US\$	73 US\$	143 US\$
Attendance of police:	00 000	00 000	13 039	70 000	13 039	143 035
Percentage of cases were police was present on the						
accident site	56%	61%	64%	60%	62%	56%
accident site						

VI. Data by source

Hospital data

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Total control of the second se	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07
Total number of casualties reported at hospitals	1,457	1,292	1,300	1,440	1,552	1,172
Number of casualties reported at Phnom Penh hospitals:	596	668	589	600	546	627
Calmette	192	232	194	184	184	189
Kossamak	102	112	116	100	79	82
Bayon	117	121	91	109	131	94
Sihanouk	51	58	52	69	45	87
Dusit	31	51	59	47	60	76
National Pediatric	34	43	35	43	39	57
Vibol Sok	4	3	10	5	5	7
Naga	5	3	7	3	3	4
Kunthabopha	48	36	25	32	0	26
Ketumealea	12	9	0	8	0	5
Number of casualties reported at Kampong Cham hospitals:	458	514	459	506	658	461
Kampong Cham provincial hospital	124	157	163	209	246	174
Memot referral hospital	77	84	61	73	94	63
Tboung Kmum referral hospital	78	75	65	45	110	61
Ponhea Krek referral hospital	56	78	26	19	39	24
Prey Chhor referral hospital	48	68	76	113	101	73
Cheung Prey referral hospital	73	52	65	47	68	53
Chamkar Leu referral hospital	0	NYA	NYA	NYA	NYA	9
Kroch Chhmar referral hospital	1	NYA	1	NYA	NYA	NYA
Sla health center	1	NYA	NYA	NYA	NYA	NYA
	0	NYA	NYA	NYA	NYA	NYA
Kro La health center		NYA	NYA	NYA	NYA	
Ph'av health center	0					NYA
Ampil Tapok health center	0	NYA	NYA	NYA	NYA	NYA
Doun Thi health center	0	NYA	NYA	NYA	NYA	NYA
Lovea health center	0	NYA	NYA	NYA	NYA	NYA
Ou Reang Ouv referral hospital	0	NYA	2	NYA	NYA	NYA
Sdeung Chey health center	0	NYA	NYA	NYA	NYA	NYA
Veal Vong health center	0	NYA	NYA	NYA	NYA	NYA
Srey Santhor health center	0	NYA	NYA	NYA	NYA	4
Choam Treak health center	0	NYA	NYA	NYA	NYA	NYA
Number of casualties reported at Siem Reap hospitals:	43	NYA	83	128	155	NYA
Siem Reap provincial hospital	29	NYA	63	87	88	NYA
Kralanh referral hospital	5	NYA	4	7	28	NYA
Puok health center	9	NYA	8	23	7	NYA
Sot Nikum referral hospital	0	NYA	8	11	32	NYA
Number of casualties reported at Otdar Mean Chey	21	NYA	NYA	NYA	NYA	NYA
Otdar Mean Chey provincial hospital	16	NYA	NYA	NYA	NYA	NYA
Beng health center	0	NYA	NYA	NYA	NYA	NYA
Anlong Veng health center	5	NYA	NYA	NYA	NYA	NYA
Trapeang Prasat health center	0	NYA	NYA	NYA	NYA	NYA
	42	51	50	50	51	42
Number of casualties reported at Kampong Speu hospitals:	33	44	50	50	51	42
Kampong Speu provincial hospital						
Damnak Smach heath center	0	NYA	NYA	NYA	NYA	NYA
Odongk referral hospital	0	7	NYA	NYA	NYA	NYA
Vang Preasrae health center	0	NYA	NYA	NYA	NYA	NYA
Prey Nhiet health center	0	NYA	NYA	NYA	NYA	NYA
Sdok health center	9	NYA	NYA	NYA	NYA	NYA
Number of casualties reported at Kandal hospital:	38	20	20	39	15	21
Chey Chomnah provincial hospital	6	9	9	13	0	9
Ta Khmau health center	5	3	4	3	7	0
Anlong Romiet health center	0	NYA	NYA	NYA	NYA	NYA
Preak Anh Chanh health center	8	8	7	8	8	7
Prek Pnov health center	1	NYA	NYA	1	NYA	NYA
Koh Thom referral hospital	1	NYA	NYA	NYA	NYA	NYA
Damnak Ampil health center	0	NYA	NYA	NYA	NYA	NYA
Boeng Kiang health center	0	NYA	NYA	NYA	NYA	NYA
Chheu Teal health center	0	NYA	NYA	NYA	NYA	NYA
Ksach Kandal referral hospital	10	NYA	NYA	5	NYA	5
Siem Reap health center	0	NYA	NYA	NYA	NYA	NYA
Dey Eth health center	4	NYA	NYA	3	NYA	NYA
Kampong Phnom health center	1	NYA	NYA	NYA	NYA	NYA
	0	NYA			NYA	
Samrong Thom health center			NYA	3		NYA
Sampov Poun health center	0	NYA	NYA	NYA	NYA	NYA
Kokir Thom health center	0	NYA	NYA	NYA	NYA	NYA
Chrey Loas health center	0	NYA	NYA	NYA	NYA	NYA
Ponhea Pun health center	0	NYA	NYA	NYA	NYA	NYA
Praek Tameak health center Tomnop Thom health center	2	NYA NA	NYA	NYA	NYA	NYA
	NA		NA	3	NYA	NYA

	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07
Number of casualties reported at Kampong Chhnang	40	32	26	44	51	20
hospitals: Kampong Trorlach referral hospital	26	32	8	7	19	20
Kampong Chhnang referral hospital	14	NYA	18	37	32	NYA
Taing Krasaing health center	0	NYA	NYA	NYA	NYA	NYA
Pon Ley health center	0	NYA	NYA	NYA	NYA	NYA
Pech Changva health center	0 42	NYA	NYA	NYA	NYA	NYA
Number of casualties reported at Kampong Thom hospitals: Kampong Thom provincial hospital	23	NYA NYA	NYA NYA	NYA NYA	NYA NYA	NYA NYA
Baray-Santuk referral hospital	10	NYA	NYA	NYA	NYA	NYA
Stoung health center	9	NYA	NYA	NYA	NYA	NYA
Sra Yov health center	0	NYA	NYA	NYA	NYA	NYA
Tboung Krapeu health center	0	NYA	NYA	NYA	NYA	NYA
Kokos health center	0	NYA	NYA	NYA	NYA	NYA
Treal health center Tang Krasang health center	0	NYA NYA	NYA NYA	NYA NYA	NYA NYA	NYA NYA
Number of casualties reported at Battambang hospitals:	49	NYA	47	56	NYA	1
Battambang provincial hospital	0	NYA	4	9	NYA	NYA
Thmor Koul referral hospital	0	NYA	NYA	NYA	NYA	NYA
Phnom SamPov health center	0	NYA	NYA	NYA	NYA	NYA
Moung Russei referral	0	NYA	NYA	NYA	NYA	NYA
Emergency Center	49	NYA	43	47	NYA	1
Number of casualties reported at Pursat hospitals:	4	2	NYA	NYA	NYA	NYA
Sampov Meas provincial hospital Bakan referral hospital	0 4	NYA 2	NYA NYA	NYA NYA	NYA NYA	NYA NYA
Number of casualties reported at Takeo hospitals:	24	NYA	NYA NYA	NYA NYA	NYA NYA	NYA NYA
Doun Keo provincial hospital	24	NYA	NYA	NYA	NYA	NYA
Physical Rehabilitation Center Takeo	0	NYA	NYA	NYA	NYA	NYA
Number of casualties reported at Banteay Mean Chey	4	NYA	NYA	NYA	67	NYA
hospitals:					-	
Preah Netr Preah referral hospital	0	NYA	NYA	NYA NYA	0	NYA
Ou Chrov referral hospital Mongkol Borei referral hospital	0 4	NYA NYA	NYA NYA	NYA	0 36	NYA NYA
Srah Chik health center	0	NYA	NYA	NYA	18	NYA
Ou Russei health center	0	NYA	NYA	NYA	0	NYA
Serey Sophorn health center	0	NYA	NYA	NYA	2	NYA
Ro Hal health center	0	NYA	NYA	NYA	0	NYA
Malai health center	NA	NA	NA	NA	11	NYA
Number of casualties reported at Krong Kep hospital	0	NYA	NYA	NYA	NYA	NYA
Krong Kep provincial hopsital Ou Krasa health center	0	NYA NYA	NYA NYA	NYA NYA	NYA NYA	NYA NYA
Pong Teuk health center	0	NYA	NYA	NYA	NYA	NYA
Number of casualties reported at Kaoh Kong hospitals:	13	NYA	NYA	NYA	NYA	NYA
Sre Ambil referral hospial	0	NYA	NYA	NYA	NYA	NYA
Smach Mean Chey referral hospital	13	NYA	NYA	NYA	NYA	NYA
Number of casualties reported at Svay Rieng hospitals:	30	NYA	NYA	NYA	NYA	NYA
Svay Rieng referral hospital	14	NYA	NYA	NYA	NYA	NYA
Chi Phu referral hospital	16	NYA	NYA	NYA	NYA	NYA
Romeas Haek referral hospital	0	NYA	NYA	NYA	NYA	NYA
Nhor health center Number of casualties reported at Prey Veng hospitals:	0 3	NYA 5	NYA NYA	NYA NYA	NYA NYA	NYA NYA
Kampong Trabaek referral hospital	0	NYA	NYA	NYA	NYA	NYA
Mesang referral hospital	1	NYA	NYA	NYA	NYA	NYA
Lvea health center	0	NYA	NYA	NYA	NYA	NYA
Pear Raing health center	1	NYA	NYA	NYA	NYA	NYA
Prey Chhor health center	0	NYA	NYA	NYA	NYA	NYA
Peam Ro health center	1	NYA	NYA	NYA	NYA	NYA
Kdoeang Reay health center	0	NYA	NYA	NYA	NYA	NYA
Kanh Chreach health center	0	NYA	NYA	NYA	NYA	NYA
Preah Sdach referral hospital Number of casualties reported at Rattanak Kiri provincial	0	5	NYA	NYA	NYA	NYA
hospital	14	NYA	NYA	NYA	NYA	NYA
Number of casualties reported at Kratie hospitals:	1	NYA	NYA	NYA	NYA	NYA
Kratie referral hospital	0	NYA	NYA	NYA	NYA	NYA
Chhlong referral hospital	1	NYA	NYA	NYA	NYA	NYA
Ou Kreang health center	0	NYA	NYA	NYA	NYA	NYA
Number of casualties reported at Stung Treng provincial hospital	2	NYA	15	NYA	NYA	NYA
Number of casualties reported at Kampot hospitals:	17	NYA	NYA	NYA	NYA	NYA
Kampot referral hospital	0	NYA	NYA	NYA	NYA	NYA
Kampong Trach referral hospital Angkor Chey referral hospital	6	NYA	NYA	NYA	NYA	NYA
Chhouk referral hospital	11 0	NYA NYA	NYA NYA	NYA NYA	NYA NYA	NYA NYA
Number of casualties reported at Preah Vihear hospitals:	6	NYA	NYA	9	NYA	NYA
Dabprammouy Makara health center	5	NYA	NYA	7	NYA	NYA
Kou Len health center	0	NYA	NYA	NYA	NYA	NYA
	0	NYA	NYA	NYA	NYA	NYA
Rovieng health center						
Choam Ksant referral hospital	1	NYA	NYA	1	NYA	NYA
Choam Ksant referral hospital Chamroeun health center			NYA NA	1	NYA NYA	NYA NYA
Choam Ksant referral hospital	1	NYA				

Traffic police data1

	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07
Total number of casualties reported by traffic police	715	787	948	811	1142	596
Number of casualties reported in Phnom Penh	99	94	122	61	44	96
Chamkar Mon district	8	10	11	10	5	10
Dang Kao district	35	16	55	16	14	31
Doun Penh district	17	18	6	5	4	11
Mean Chey district	19	15	29	9	9	16
Pram Pir Makara district	3	7	9	6	0	10
Russei Keo district	16	20	10	2	5	10
Toul Kok district	1	8	2	13	7	7
Unknown	0	0	0	0	0	1
Number of casualties reported in Kandal province	43	53	95	59	101	39
Angk Snuol district	24	13	23	2	19	25
Kandal Stueng district	4	0	0	0	0	0
Kaoh Thum district	0	0	0	0	0	0
Kien Svay district	0	18	26	21	39	8
Mukh Kampul district	12	15	21	15	19	6
Ponhea Leu district	3	3	17	8	9	0
S'ang district	0	0	0	0	0	0
Ta Khmau district	0	4	8	13	15	0
Number of casualties reported in Kampong Cham province	41	62	62	116	96	45
Batheay district	11	15	7	17	18	13
Memot district	4	5	8	11	12	2
Ponhea Kraek district	0	5	12	8	6	1
Prey Chhor district	0	1	3	3	11	4
Stueng Trang district	0	0	0	0	2	0
Tboung Khmum district	0	3	11	45	12	0
Cheung Prey district	10	9	6	15	7	4
Chamkar Leu district	8	12	7	6	10	8
Dambae district	0	0	1	1	0	0
Ou Reang Ov district	4	3	2	0	0	0
Kang Meas district	0	0	0	0	0	0
Kampong Cham district	4	4	2	2	9	8
Kampong Siem district	0	5	3	5	5	5
Krouch Chhmar district	0	0	0	3	0	0
Koh Sotin district	NA	NA	NA	NA	2	0
Unknown	0	0	0	0	2	0
Number of casualties reported in Kampong Chhnang	23	33	50	35	33	35
Baribour district	4	6	10	12	4	11
Kampong Chhnang district	9	9	25	14	9	12
Kampong Leaeng district	0	0	0	0	0	0
Kampong Trorlach district	2	4	5	2	4	2
Rolea B'ier district	8	12	7	4	16	7
Sameakki Mean Chey district	0	2	0	1	0	3
Tuek Phos	0	0	3	2	0	0
Number of casualties reported in Kampong Speu province	26	20	14	14	63	24
Chbar Mon district	5	10	2	4	3	5
Phnum Sruoch district	9	7	6	0	8	5
Samraong Tong district	9	3	4	7	19	3
Thpong district	0	0	0	0	0	0
Odongk district	3	0	2	0	1	0
Kong Pisei district	0	0	0	3	32	0
Aoral district	NA	NA	NA	NA	NA	11
Number of casualties reported in Kampot province	19	50	32	35	16	30
Angkor Chey district	1	8	3	2	3	4
Banteay Meas district	6	4	7	2	2	5
Chhouk district	0	0	0	0	0	0
Dang Tong district	0	4	4	4	0	0
Kampong Bay district	5	20	10	21	5	17
Kampot district	4	11	6	5	4	2
	3	3	2	1	2	2
Kampong Trach district	3					_

¹ The number of casualties reported is this table concerns the casualties reported by the traffic police only. If a casualty is reported by one hospital as well as by the traffic police, it will be taken into account only once and reported as a hospital data.

Number of casualties reported in Kratie province 30 38 36 24	Apr-07 42 1 1 27 4 10 0 0 19 2 0 3 14 0 0 63 29 13 9 8 4 0 0 0 36 31 3 0 0 1 1	May-07 17 1 10 3 1 2 0 20 0 5 15 0 0 27 16 9 0 2 0 0 0 31 28 0 0
Chhloung district 1 2 6 0 Kracheh district 20 29 20 17 Sambour district 2 6 10 6 Snuol district 7 1 0 1 Preaek Prasab district 0 0 0 0 Unknown 0 0 0 0 Number of casualties reported in Mondol Kiri province 22 0 1 9 Kaev Seima district 6 0 0 0 0 Kaev Seima district 3 0 0 3 Kaev Seima district 3 0 0 3 Kaev Seima district 3 0 0 3 Kaboh Nhaek district 3 0 0 3 Ou Reang district 10 0 1 6 Pich Chenda district 10 0 1 6 Pich Chenda district 1 0 0 0 Bak	1 27 4 10 0 0 0 19 2 0 0 3 3 14 0 0 0 0 63 3 1 3 3 0 0 0 1 1	1 10 3 1 2 0 20 0 0 5 15 0 0 27 16 9 0 2 0 0 31 28 0
Kracheh district 20 29 20 17 Sambour district 2 6 10 6 Snuol district 7 1 0 1 Preaek Prasab district 0 0 0 0 Unknown 0 0 0 0 Number of casualties reported in Mondol Kiri province 22 0 1 9 Kaev Seima district 6 0 0 0 0 Kaev Seima district 3 0 0 3 0 0 0 0 Kaev Seima district 2 0 <t< td=""><td>27 4 10 0 0 19 2 0 3 14 0 0 63 29 13 9 8 4 0 0 3 3 14 0 0 13 14 0 0 0 13 14 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>10 3 1 2 0 20 0 0 5 15 0 0 27 16 9 0 2 0 0 31 28 0</td></t<>	27 4 10 0 0 19 2 0 3 14 0 0 63 29 13 9 8 4 0 0 3 3 14 0 0 13 14 0 0 0 13 14 0 0 0 0 0 0 0 0 0 0 0 0 0	10 3 1 2 0 20 0 0 5 15 0 0 27 16 9 0 2 0 0 31 28 0
Sambour district 2 6 10 6 Snuol district 7 1 0 1 Preaek Prasab district 0 0 0 0 Unknown 0 0 0 0 Number of casualties reported in Mondol Kiri province 22 0 1 9 Kave Seima district 6 0 0 0 0 Kaoh Nhaek district 3 0 0 3 0 0 3 Ou Reang district 2 0	4 10 0 0 19 2 0 3 14 0 0 63 29 13 9 8 4 0 0 0 3 3 14 0 0 0 63 29 13 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 2 0 0 0 0 5 15 0 0 27 16 9 0 2 0 0 31 28
Snuol district 7 1 0 1 Preaek Prasab district 0 0 0 0 Unknown 0 0 0 0 Number of casualties reported in Mondol Kiri province 22 0 1 9 Kaev Seima district 6 0 0 0 0 Kaev Seima district 3 0 0 3 0 0 3 Kaev Seima district 2 0	0 0 19 2 0 3 14 0 0 63 29 13 9 8 4 0 0 0 3 3 14 14 0 0 0 63 29 13 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 0 0 0 0 5 15 0 0 0 27 16 9 0 0 2 0 0 0 0 31 28 0 0
Unknown	0 19 2 0 3 14 0 0 63 29 13 9 8 4 0 0 0 36 3 3	0 20 0 0 5 15 0 0 27 16 9 0 2 0 0 0 3 1 2 0
Number of casualties reported in Mondol Kiri province 22 0 1 9 Kaev Seima district 6 0 0 0 Kaoh Nhaek district 3 0 0 3 Ou Reang district 2 0 0 0 Saen Monorom district 10 0 1 6 Pich Chenda district 1 0 0 0 Unknown 0 0 0 0 Number of casualties reported in Pursat province 43 41 66 23 Bakan district 18 11 15 5 Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district 2 0 4 0 Veal Veng district 2 0 4 0 <t< td=""><td>19 2 0 3 14 0 0 63 29 13 9 8 4 0 0 0 36 31 3 0 0</td><td>20 0 0 5 15 0 0 27 16 9 0 2 0 0 31 28 0</td></t<>	19 2 0 3 14 0 0 63 29 13 9 8 4 0 0 0 36 31 3 0 0	20 0 0 5 15 0 0 27 16 9 0 2 0 0 31 28 0
Kaev Seima district 6 0 0 0 Kaoh Nhaek district 3 0 0 3 Ou Reang district 2 0 0 0 Saen Monorom district 10 0 1 6 Pich Chenda district 1 0 0 0 Unknown 0 0 0 0 Number of casualities reported in Pursat province 43 41 66 23 Bakan district 18 11 15 5 Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district 2 0 4 0 Veal Veng district NA NA NA 2 Unknown 0 0 0 0 Number of casualties reporte	2 0 3 14 0 0 0 63 29 13 9 8 4 0 0 0 36 31 3	0 0 5 15 0 0 27 16 9 0 2 0 0 2 0 31 28
Kaoh Nhaek district 3 0 0 3 Ou Reang district 2 0 0 0 Saen Monorom district 10 0 1 6 Pich Chenda district 1 0 0 0 Unknown 0 0 0 0 Number of casualties reported in Pursat province 43 41 66 23 Bakan district 18 11 15 5 Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA 2 Unknown 0 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 1 0 2	0 3 14 0 0 0 63 29 13 9 8 4 0 0 0 36 31 3	0 5 15 0 0 27 16 9 0 2 0 0 31 28
Ou Reang district 2 0 0 0 Saen Monorom district 10 0 1 6 Pich Chenda district 1 0 0 0 Unknown 0 0 0 0 Number of casualties reported in Pursat province 43 41 66 23 Bakan district 18 11 15 5 Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district 2 0 4 0 Veal Veng district NA NA NA NA 2 Unknown 0 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8	3 14 0 0 63 29 13 9 8 4 0 0 0 36 31 3 0 0	5 15 0 0 27 16 9 0 2 0 0 0 31 28
Saen Monorom district 10 0 1 6 Pich Chenda district 1 0 0 0 Unknown 0 0 0 0 Number of casualties reported in Pursat province 43 41 66 23 Bakan district 18 11 15 5 Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA NA 2 Unknown 0 0 0 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 36 3 Siem Reap district 29 29 8 25 2 10 0 0 0 0 0 0	14 0 0 63 29 13 9 8 4 0 0 0 36 31 3 0 0	15 0 0 27 16 9 0 2 0 0 0 31 28
Pich Chenda district 1 0 0 0 Unknown 0 0 0 0 Number of casualties reported in Pursat province 43 41 66 23 Bakan district 18 11 15 5 Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA NA 2 Unknown 0 0 0 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 36 Siem Reap district 29 29 8 25 25 25 25 25 25 25 25 25 <	0 0 63 29 13 9 8 4 0 0 0 36 31 3 0 0	0 0 27 16 9 0 2 0 0 0 0 31 28
Unknown 0 0 0 0 Number of casualties reported in Pursat province 43 41 66 23 Bakan district 18 11 15 5 Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA Unknown 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0	0 63 29 13 9 8 4 0 0 0 36 31 3 0 0	0 27 16 9 0 2 0 0 0 0 31 28 0
Number of casualties reported in Pursat province 43 41 66 23 Bakan district 18 11 15 5 Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA Unknown 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 0 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 0 0	63 29 13 9 8 4 0 0 0 36 31 3 0 0	27 16 9 0 2 0 0 0 0 31 28
Bakan district 18 11 15 5 Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA Unknown 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 0 0 Banteay Srei district 0 0 0 0 Soutr Nikom d	29 13 9 8 4 0 0 36 31 3 0 0	16 9 0 2 0 0 0 0 31 28
Krakor district 10 13 32 11 Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA Unknown 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puck district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties re	13 9 8 4 0 0 36 31 3 0 0	9 0 2 0 0 0 31 28
Phmun Kravanh district 9 5 2 5 Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA 2 Unknown 0 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44	9 8 4 0 0 36 31 3 0 0	0 2 0 0 0 31 28
Sampov Meas district 4 12 13 0 Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA Unknown 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	8 4 0 0 36 31 3 0 0	2 0 0 0 31 28 0
Kandieng district 2 0 4 0 Veal Veng district NA NA NA NA Unknown 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	4 0 0 36 31 3 0 0	0 0 31 28 0
Veal Veng district NA NA NA 2 Unknown 0 0 0 0 Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	0 36 31 3 0 0	0 31 28 0
Number of casualties reported in Siem Reap province 31 38 17 36 Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	36 31 3 0 0	31 28 0
Siem Reap district 29 29 8 25 Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	31 3 0 0	28 0
Chi Kraeng district 1 0 2 10 Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	3 0 0	0
Kralanh district 0 0 0 0 Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	0 0 1	
Prasat Bakong district 0 1 0 0 Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	0	0
Puok district 1 1 2 0 Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	1	
Banteay Srei district 0 0 1 0 Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9		0
Soutr Nikom district 0 0 0 0 Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	0 •	1
Unknown NA 7 4 1 Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9		0
Number of casualties reported in Svay Rieng province 49 35 44 50 Chan Trea district 2 3 6 9	1	0
Chan Trea district 2 3 6 9	0 56	2 32
	9	<u>32</u> 7
Kompong Ro district 3 4 2 3	4	3
Svay Chrum district 10 7 9 7	22	11
Svay Rieng district 6 12 11 11	5	6
Svay Teab district 25 5 12 13	4	5
Romeas Haek distirct 3 4 3 7	12	0
Rumduol distirct 0 0 1 0	0	0
Number of casualties reported in Kampong Thom province 28 44 79 60	88	35
Baray district 9 4 16 2	14	10
Kampong Svay district 5 10 9 5	18	11
Prasat Balangk district 0 0 2 6	0	0
Santuk district 5 9 10 42	26	7
Stoung district 1 3 23 5	7	3
Stueng Saen district 8 15 15 0	19	4
Sandan District NA 3 0 0 Prasat Sambour district NA NA 4 0	2	0
Number of casualties reported in Preah Vihear province 3 NYA NYA 4	NYA	NYA
	NYA	NYA
	NYA	NYA
Tbaeng Mean Chey district 3 NYA NYA NYA	NYA	NYA
	NYA	NYA
Sangkom Thmei district 0 NYA NYA NYA	NYA	NYA
Chey Saen district 0 NYA NYA NYA	NYA	NYA
Number of casualties reported in Sihanouk Ville province 42 28 26 32	31	21
Mitta Pheap district 9 16 15 23	23	19
Prey Nob district 33 12 9 9	8	2
Stueng Hav district NA NA 2 0	0	0
Number of casualties reported in Takeo province 32 43 42 39	48	30
Bati district 7 20 4 0	9	1 7
Doun Keo district	0	7
Kiri Vong district 12 12 5 5	7 17	8
Treang district 10 5 4 8 Tram Kak district 2 0 16 19		<u>8</u> 5
Tram Kak district 2 0 16 19 Somraong district 1 3 6 2	9	<u>5</u> 1
Somrating district	0	0
Prey Kabbas district 0 0 0 0	0	0
Koh Andaet district NA 3 0 2	0	0
	NYA	NYA
	NYA	NYA
	NYA	NYA

Contacts

Further analysis and **additional information** is available on request. Please do not hesitate to contact one of the following persons

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