

Road traffic accidents – Data description

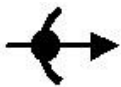
Accident type description – Note!

Codes (09,19,29, etc.) in the catalog can be used, if you can't find a direct type describing the accident, but it clearly belongs in some group. Type 99 should be generally avoided as a description of an accident.

Vehicle

By vehicle the catalogue means both the vehicles described in TLA 2 § and tram.

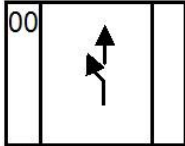
Bicycle

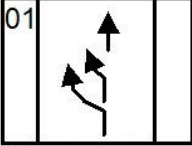
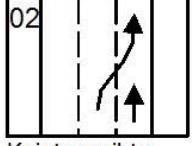
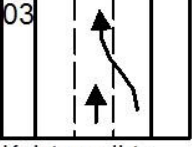
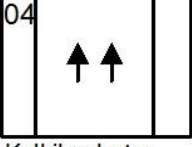
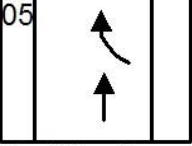
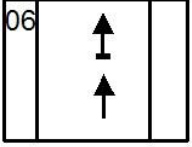
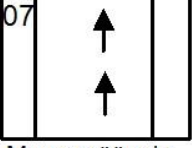


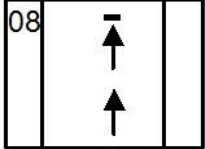
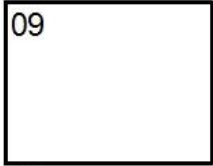
The catalogue has marked a cyclist moving through a bicycle road in images 15,16,34,35,41,42 and 55. In other pictures the cyclist can be any vehicle.

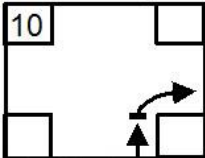
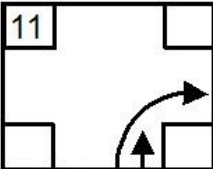
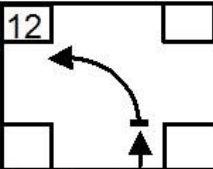
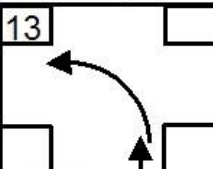
Pedestrian

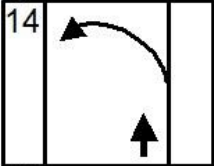
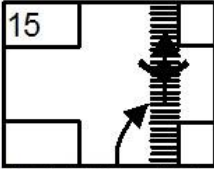
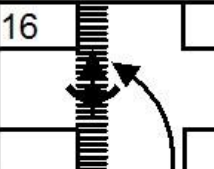

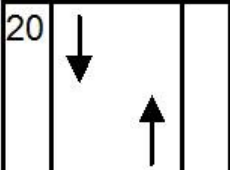



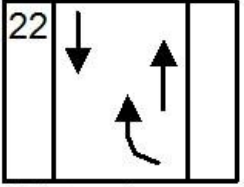

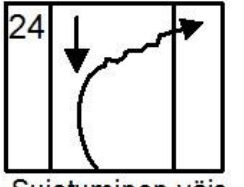
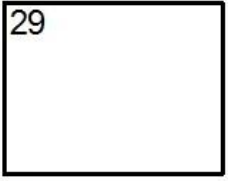
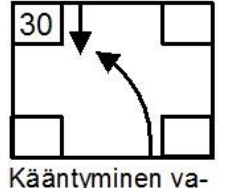
Traffic accident type catalogue			
Main type	Subtype	Description	Image
- Same driving direction (None of the vehicles were turning)			
0	0	Bypass	 Ohitus

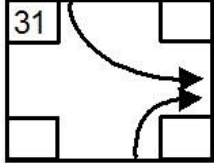
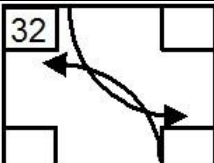
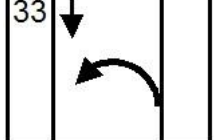
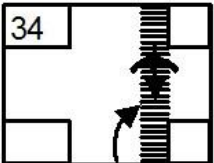
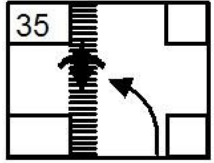
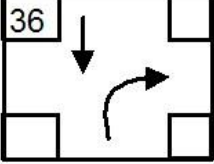
0	1	Double bypass	 <p>01 Kaksoisohitus</p>
0	2	Lane switch to the right	 <p>02 Kaistanvaihto oikealle</p>
0	3	Lane switch to the left	 <p>03 Kaistanvaihto vasemmalle</p>
0	4	Side-by-side collision	 <p>04 Kylkikosketus</p>
0	5	Collision to a vehicle taking off	 <p>05 Ajo liikkeelle lähtevään ajoneuvon</p>
0	6	Rear-end collision to a breaking vehicle	 <p>06 Peräänajo jarrutavaan ajoneuvon</p>
0	7	Other rear-end collision to a moving vehicle	 <p>07 Muu peräänajo liikkuvaan ajoneuvon</p>

0	8	Rear-end collision to a vehicle that has stopped because of traffic barrier	 <p>08</p> <p>Peräänajo liikenne-esteen takia pysähtyneeseen ajoneuvoon</p>
0	9	Other accident	 <p>09</p> <p>Muu onnettomuus</p>

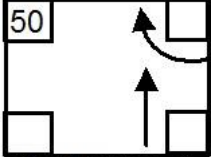
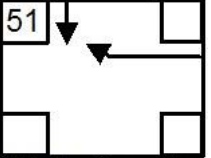
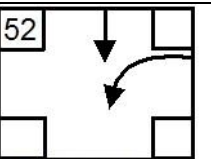

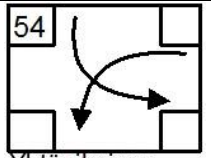
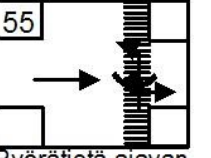
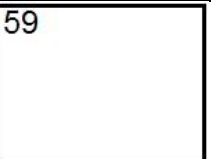
1 - Same direction (One of the vehicles was turning)			
1	0	Rear-end collision while turning to the right	 <p>10</p> <p>Peräänajo käännäessä oikealle</p>
1	1	Other collision while turning to the right	 <p>11</p> <p>Muu törmäys käännäessä oikealle</p>
1	2	Rear-end collision while turning to the left	 <p>12</p> <p>Peräänajo käännäessä vasemmalle</p>
1	3	Other collision while turning to the left	 <p>13</p> <p>Muu törmäys käännäessä vasemmalle</p>

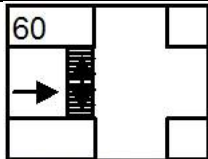
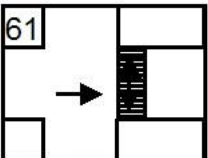
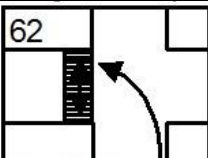

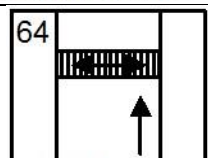
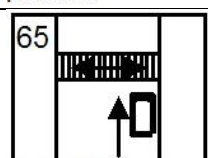
1	4	An U-turn in front of a vehicle driving in the same direction	 <p>14</p> <p>U-käännös samaan suuntaan kulkevan ajoneuvon eteen</p>
1	5	Cyclist in a cycle route, another vehicle turned to the right	 <p>15</p> <p>Pyöräilijä pyörätiellä, toinen ajoneuvo kääntyi oikealle</p>
1	6	Cyclist in a cycle route, another vehicle turned to the left	 <p>16</p> <p>Pyöräilijä pyörätiellä, toinen ajoneuvo kääntyi vasemmalle</p>
1	9	Other accident	 <p>19</p> <p>Muu onnettomuus</p>
2 – Opposite directions (Head-on collision)			
2	0	Head-on collision in a straight route	 <p>20</p> <p>Kohtaaminen suoralla</p>

2	1	Head-on collision in a curve	 <p>21</p> <p>Kohtaaminen kaarteessa</p>
2	2	Head-on collision while bypassing in a straight route	 <p>22</p> <p>Kohtaaminen ohitettaessa suoralla</p>
2	3	Head-on collision while bypassing in a curve	 <p>23</p> <p>Kohtaaminen ohitettaessa kaarteessa</p>
2	4	Derailment due to dodging	 <p>24</p> <p>Suistuminen väistämisen seurauksena</p>
2	9	Other accident	 <p>29</p> <p>Muu onnettomuus</p>
3 – Opposite directions (One of the vehicles was turning)			
3	0	Colliding to the front or side of a meeting vehicle while turning to the left	 <p>30</p> <p>Kääntyminen vasemmalle vastantulevan eteen tai kylkeen</p>

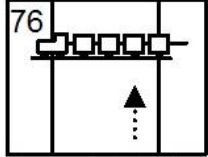
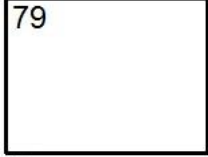
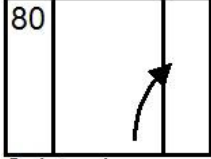
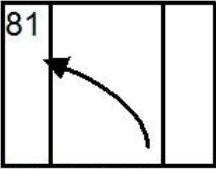
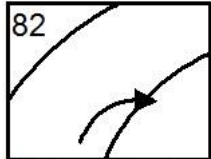
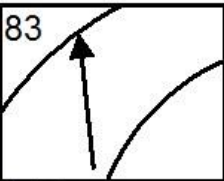
3	1	Turning to the same direction	 <p>Kääntyminen samaan ajosuuntaan</p>
3	2	Turning to different directions	 <p>Kääntyminen eri ajosuuntiin</p>
3	3	U-turn in front of the meeting vehicle	 <p>U-käänös vastaantulevan eteen</p>
3	4	Cyclist in a bicycle route, a meeting vehicle turned to the right	 <p>Pyöräilijä pyörätiellä, vastaantuleva ajoneuvo kääntyi oikealle</p>
3	5	Cyclist in a bicycle route, a meeting vehicle turned to the left	 <p>Pyöräilijä pyörätiellä, vastaantuleva ajoneuvo kääntyi vasemmalle</p>
3	6	Other collision while turning to the right	 <p>Muu törmäys kääntyessä oikealle</p>


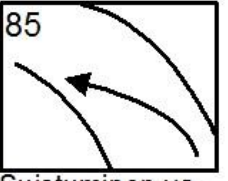
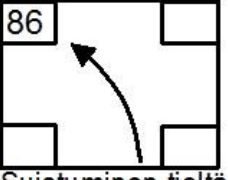
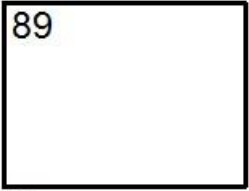
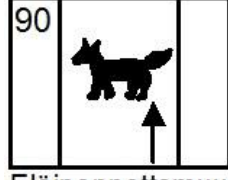
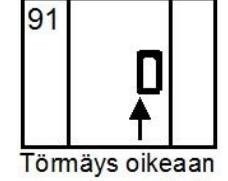
3	9	Other collision	<div>39</div> <div>Muu onnettomuus</div>
4 –Intersecting directions			
4	0	Collision straight to crossing directions	<div>40</div> <div>Ajo risteäviä ajo-suuntia suoraan</div>
4	1	A cyclist in a bicycle route of an intersection	<div>41</div> <div>Pyöräilijä pyörä-tiellä risteyksessä</div>
4	2	Cyclist in a bicycle route elsewhere	<div>42</div> <div>Pyöräilijä pyörä-tiellä muualla</div>
4	3	Collision of a train and a vehicle	<div>43</div> <div>Junan ja ajo-neuvon törmäys</div>
4	9	Other accident	<div>49</div> <div>Muu onnettomuus</div>
5 – Intersecting directions (one of the vehicles was turning)			

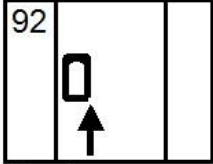
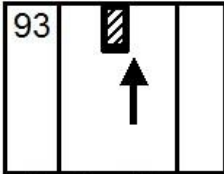
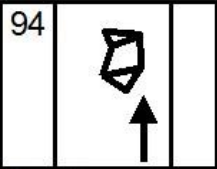
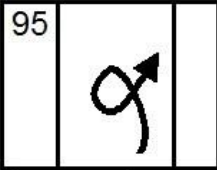
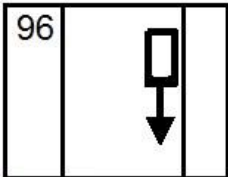
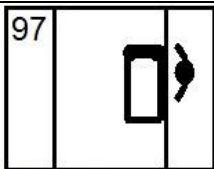
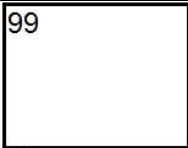
5	0	Hitting the front or side of another vehicle while turning to the right	 <p>50 Kääntyminen oikealle toisen eteen tai kylkeen</p>
5	1	Hitting the front or side of a meeting vehicle while turning to the right	 <p>51 Kääntyminen oikealle vastaan-tulevan eteen tai kylkeen</p>
5	2	Hitting the front or side of another vehicle while turning to the left	 <p>52 Kääntyminen vasemmalle toisen eteen tai kylkeen</p>
5	3	Hitting the front or side of an intersecting vehicle while turning to the left	 <p>53 Kääntyminen vasemmalle risteävän eteen tai kylkeen</p>
5	4	Simultaneous turning to the left	 <p>54 Yhtäaikainen vasemmalle kääntyminen</p>
5	5	Cyclist in a bicycle road moving to the front or side of a vehicle	 <p>55 Pyörätietä ajavan pyöräilijän kääntyminen ajoneuvon eteen tai kylkeen</p>
5	9	Other incident	 <p>59 Muu onnettomuus</p>

6 – Pedestrian accident (in a crosswalk)			
6	0	Pedestrian in a crosswalk before an intersection	 <p>60 Jalankulkija suojatiellä ennen risteystä</p>
6	1	Pedestrian in a crosswalk after an intersection	 <p>61 Jalankulkija suojatiellä risteuksen jälkeen</p>
6	2	Pedestrian in a crosswalk, a vehicle turned to the left	 <p>62 Jalankulkija suojatiellä, ajoneuvo kääntyi vasemmalle</p>
6	3	Pedestrian in a crosswalk, a vehicle turned to the right	 <p>63 Jalankulkija suojatiellä, ajoneuvo kääntyi oikealle</p>
6	4	Pedestrian in a crosswalk, a crosswalk outside an intersection	 <p>64 Jalankulkija suojatiellä, suojatie risteuksen ulkopuolella</p>
6	5	Pedestrian in a crosswalk, a vehicle stopped in front of the crosswalk	 <p>65 Jalankulkija suojatiellä, suojatien eteen pysähtynyt ajoneuvo</p>

6	9	Other accident	<div data-bbox="1163 197 1374 353">69</div> <div data-bbox="1163 360 1326 421">Muu onnettomuus</div>
7 – Pedestrian accident (not in a crosswalk)			
7	0	Pedestrian arrived behind a stopped vehicle	<div data-bbox="1169 501 1377 658">70</div> <div data-bbox="1169 665 1377 748">Jalankulkija tuli pysähtyneen ajoneuvon takaa</div>
7	1	Pedestrian crossed a road outside of a crosswalk	<div data-bbox="1176 763 1370 904">71</div> <div data-bbox="1169 911 1377 1016">Jalankulkija ylitti muutoin ajorataa suojatien ulkopuolella</div>
7	2	Pedestrian stopped on a road	<div data-bbox="1176 1066 1370 1211">72</div> <div data-bbox="1169 1218 1377 1294">Jalankulkija pysähtyneenä ajoradalla</div>
7	3	Pedestrian advanced to the same direction as traffic	<div data-bbox="1176 1308 1370 1453">73</div> <div data-bbox="1169 1460 1377 1536">Jalankulkija kulki liikenteen suuntaan</div>
7	4	Pedestrian advanced to the opposite direction of the traffic	<div data-bbox="1169 1552 1370 1697">74</div> <div data-bbox="1169 1704 1377 1749">Jalankulkija kulki liikennettä vastaan</div>
7	5	Pedestrian in a sidewalk or a traffic platform	<div data-bbox="1163 1756 1370 1912">75</div> <div data-bbox="1163 1919 1377 2000">Jalankulkija jalkakäytävällä tai liikennekorokkeella</div>

7	6	Collision of a train and a pedestrian	 <p>76 Junan ja jalankul- kijan törmäys</p>
7	9	Other accident	 <p>79 Muu onnettomuus</p>
8 – Derailment			
8	0	Derailing to the right in a straight road	 <p>80 Suistuminen oikealle suoralla</p>
8	1	Derailing to the left in a straight road	 <p>81 Suistuminen vasemmalle suoralla</p>
8	2	Derailing to the right in a road curving to the right	 <p>82 Suistuminen oi- kealle oikealle kääntyvässä kaarteessa</p>
8	3	Derailing to the left in a road curving to the right	 <p>83 Suistuminen va- semmalle oikealle kääntyvässä kaarteessa</p>

8	4	Derailing to the right in a road curving to the left	 <p>84</p> <p>Suistuminen oikealle vasemmalle kääntyvässä kaarteessa</p>
8	5	Derailing to the left in a road curving to the left	 <p>85</p> <p>Suistuminen vasemmalle vasemmalle kääntyvässä kaarteessa</p>
8	6	Derailing in an intersection	 <p>86</p> <p>Suistuminen tieltä risteyksessä</p>
8	9	Other accident	 <p>89</p> <p>Muu onnettomuus</p>
9 – Other accident			
9	0	Animal accident	 <p>90</p> <p>Eläinonnettomuus</p>
9	1	Collision to a vehicle parked to the right	 <p>91</p> <p>Törmäys oikeaan reunaan pysäköityyn ajoneuvoon</p>

9	2	Collision to a vehicle parked to the left	 <p>92</p> <p>Törmäys vasemman reunan pysäköityyn ajoneuvoon</p>
9	3	Collision to a traffic platform	 <p>93</p> <p>Törmäys liikennekorokkeeseen</p>
9	4	Collision to a barrier in a road	 <p>94</p> <p>Törmäys esteeseen ajoradalla</p>
9	5	Rollover in a road	 <p>95</p> <p>Kumoonajo ajoradalla</p>
9	6	Reversing accident	 <p>96</p> <p>Peruutus-onnettomuus</p>
9	7	Passenger leaving the vehicle	 <p>97</p> <p>Matkustaja nousemassa tai poistumassa ajoneuvosta</p>
9	9	Other accident NOTE: Avoid using this	 <p>99</p> <p>Muu onnettomuus</p>

ACCIDENT-TABLE	
Name	Description
accidentId	
roadmain	(Road maintenance) 1 – Finnish Transport Infrastructure Agency 2 – Municipality 3 – Private, other
road	number of the road
rseg	number of the road segment
rdist	Distance of the place of the incident from the threshold of the road segment (in meters)
rway	0 = Single carriageway road 1 = Dual carriageway road (carriageway 1) 2 = Dual carriageway road (carriageway 2)
year	Year of the incident
mth	Month of the incident
day	Day of the incident
dead	Number of casualties
injr	Number of injured
severlvl	Level of severity (0-2)
poldis	Police district
disname	Name of the district

hour	Hour of the incident
wkday	Weekday of the incident
acctype	Type of accident
acclass	1 – 13 1 – Private accident 2 – Turning 3 – Passing 4 – Crossing 5 – Encounter 6 – Rear-end collision 7 – Moped 8 – Bicycle 9 – Pedestrian 10 – Moose 11 – Deer or roe 12 – Other animals 13 – Other
partnum	Number of participants
spdlim	Speed limit
urbmrk	0 = Outside urban areas 1 = Inside an urban area
surface	1-7 or ‘ ’ 1 = Bare, dry 2 = Bare, wet

	<p>3 = Deteriorated, wet</p> <p>4 = Snow</p> <p>5 = Slush</p> <p>6 = Ice</p> <p>7 = Bare rut</p> <p>‘ ‘ = Unknown</p>
brightness	<p>1 - 4 or ’ ’</p> <p>1 = Daylight</p> <p>2 = Dim</p> <p>3 = Dark (unlit)</p> <p>4 = Road lit (otherwise dark)</p> <p>” = Unknown</p>
weather	<p>1-6 or ‘ ’</p> <p>1 = Sunny</p> <p>2 = Half-cloudy</p> <p>3 = Fog</p> <p>4 = Raining</p> <p>5 = Snowing</p> <p>6 = Sleet</p> <p>‘ ‘ = Unknown</p>
accloc	<p>1-10</p> <p>1 – Roadway</p> <p>2 – Crosswalk</p> <p>3 – Light traffic lane</p>

	4 – Parking area 5 – Other 6 – Bridge or tunnel 7 – Raft or ferry 8 – Interchange 9 – Public transport stop 10 – Railroad stop
roadnum	Number of the related road
municipality	Number of municipality
municidesc	Name of municipality
spdtype	1 – 6 or “
spdtypedesc	1 – Roadwise limit 2 – Pointwise as part of a roadwise limit 3 – Grading as part of a roadwise limit 4 – Local limit 5 – Area limit 6 – General urban limit ” - Unknown
spddiopp	Speed limit of the opposite direction
spddirmeas	Speed limit of the measuring direction
urban	(Statistical urban) K – Urban N – Non-urban
roadtype	1 – Highway

	2 – Main road 3 – Regional road 4 – Other " – no value
avg	Average daily traffic in a year
hevavg	Average daily traffic of heavy vehicles in a year
rwid	Road width
X	X-coordinate
Y	Y-coordinate
'Oslakpvm'	???
roadwork	Y – Yes N – No
pavement	1 – Asphalt 2 – Tarmac or equivalent 3 – Gravel 4 – Stone 5 – Cement 6 – Other " – Unknown
temperature	Temperature in Celcius (Empty = Unknown)
intersection	0 – Line accident 1 – Equal 2 – Triangle

	3 – STOP-sign 4 – Traffic lights 5 – Other 6 – Triangle, traffic lights inactive 7 – STOP-sign, traffic lights inactive 8 – Traffic circle
railroad	1 – 3 or “ 1 – Gate 2 – Sound- and light devices 3 – No safety devices ” – Unknown
address	Road address noted by the police
privacy	-1, 1, 3, 5 1 – Street section of the municipality 3 – general road 5 – private road -1 – no value
wintmaint (Winter maintenance)	0 – prevent slipperiness without procedure time 1 – I – super, normally always bare 2 – I – class, less strict at night 3 – Ib – class, surface snowy during a part of winter 4 – Ib – class, urban 5 – 2 – class, surface mostly snowy

	6 – 3 – class, sand only in worst cases 7 – K1, well-maintained light traffic lane 8 – K2, less significant light traffic lane 9 – No maintenance for light traffic lane
'Tienverkas'	
'Tienverkse'	
action	(Technical course of action) 1 – 4
handover	Date of handing over to the traffic (only if different from date of insection)
lightown	-1 – no value 0 – the lights of the actual road are enough for a light motorcycle 1 – Owned by nation 2 – Owned by municipality
cross-sec	(Cross-section of the roadway) 1 – 2 1 – Directions are separated from each other only locally 2 – Road is a dual carriageway road.
coatwidth	width of the coating (??)
roadcoat	(Coating of the road) 1 – Concrete 2 – Stone 10 – hard asphalt concrete

	20 – soft asphalt concrete 30 – gravel surfacing 40 – gravel wear layer 50 - other
vision150	vision percentage (calculated by counting the length of each section of the road where the length of vision surpasses 150m)
vision300	vision percentage (calculated by counting the length of each section of the road where the length of vision surpasses 300m)
vision460	vision percentage (calculated by counting the length of each section of the road where the length of vision surpasses 460m)
frame road	Whether the accident happened in the frame road 0 – No 1 – Yes (NOTE: This might not be the correct way to interpret this column)

Participant - table	
Name	Description
accidentId	
participantId	
partCount	

partType	0 – Separate trailer 10 – Pedestrian 11 – Bicycle 12 – Moped, scooter 20 – Light motor bike 21 – Motor bike 30 – Passenger car 31 – Van 32 – Truck 33 – Bus 40 – Tractor 41 – Special car 42 – Motor-sled 43 – Other motor-based vehicle 50 – Tram 51 – Train 60 – Other vehicle 70 – Moose 71 – Deer, roe 72 – Reindeer 73 – Other animal 99 – Unknown transport
dead	Number of casualties
injury	Number of injured

vehicAge (Vehicle age)	Years
vehiMass (Vehicle mass)	Kilograms (most likely)

Person - table	
accidentId	
participantId	
personId	
partCount	
personType	(Method of travel) KU – Driver MA – Passenger JAL – Pedestrian ” – Unknown
age	Years (if under 1 years, return 0. if over 98 years, return 98 years)
sex	M – Man N – Woman ” – Unknown
license	(Driver's license) O – No license or expired license X – New driver (2 nd phase unfinished) U - Foreigner
result	0 – No personal injury L – Injured

	K - Dead
nationality	Nationality of the person
licenClass	Class of the license
licenAge	Age of the license in years