

**STATISTICS 2007**  
**ROAD**  
**ACCIDENTS**  
**JAPAN**

TRAFFIC BUREAU, NATIONAL POLICE AGENCY

*Abridged Edition*



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## Preface

This statistical report was compiled under the supervision of the Traffic Bureau, the National Police Agency, Japan. The basic data for these road traffic accident statistics were mainly prepared, through the computer system of the National Police Agency.

International Association of Traffic and Safety Sciences hopes this report will greatly contribute to the increased knowledge of readers about the traffic accident situation and measures.

### Definitions

Terms used in this booklet are defined as follows:

- 1) Traffic Accident                      An accident, caused by vehicle or train traffic on a road (as defined in Article 2, Paragraph 1, Item 1 of the Road Traffic Law), that results in death and/or injury to a person. Accidents involving only property damage are also included prior to 1965.
- 2) Fatality                                A person who dies as a result of a traffic accident within 24 hours of its occurrence (except in the section “Fatalities Within 30 Days”).
- 3) Serious Injury                        An injury resulting from a traffic accident and requiring medical treatment for a month (30 days) or more.
- 4) Slight Injury                         An injury resulting from a traffic accident and requiring medical treatment for less than a month (30 days).
- 5) Injury                                 The total of serious injuries and slight injuries.
- 6) Fatality within 30 Days             A person who dies as a result of a traffic accident within 30 days of its occurrence (here and below, counting the day the accident occurred as the first day).
- 7) 30-Day Fatality                      A person who dies as a result of a traffic accident between 24 hours and 30 days of its occurrence.
- 8) Primary Party                        The driver (whether vehicle or train) or pedestrian among those initially involved in the traffic accident who is most at fault or, when fault is shared equally, who is least injured.
- 9) Type of Accident                    Accident type categorized first by the parties involved (people or vehicles) and then by their behavior (action, position, what was collided with).

- 10) Condition The condition of the parties to the traffic accident at the time of its occurrence (Driver in a motor vehicle, passenger in a motor vehicle, walking, etc.). Note that the word "riders" is used to describe the total of drivers and passengers.
- 11) Day The period of time from sunrise to sunset.
- 12) Urban Area An area, urban in character, of which at least 80% is taken up by buildings (including their grounds) and with a string of residences or businesses stretching along the road for at least 500 meters or so.
- 13) Vehicles in chapters I through IV are defined as follows:
- Motor Vehicles Small-sized special vehicles, large-sized special vehicles, ordinary motor vehicles, midium-sized motor vehicles and large-sized motor vehicle as defined in Article 2 of the Road Traffic Law Enforcement Regulations.
  - Motorcycles Large motorcycle or ordinary motorcycle as defined in Article 2 of the Road Traffic Law Enforcement Regulations.
  - Mopeds, Light Vehicles and Bicycles As defined in Article 2 of the Road Traffic Law.
  - Two-wheeled Motor Vehicles Motorcycles and mopeds.
  - Light Motor Vehicles, Small Motorcycles, Light Motorcycles, Mopeds 2nd Class and Mopeds 1st Class As defined in the Road Transportation Law.
- 14) Expressway National expressways and limited-access expressways.
- 15) National Expressway As defined in Article 4, Paragraph 1 of the National Expressway Law.
- 16) Limited-Access Expressway As defined in Article 42, Paragraph 1 of the Road Traffic Law Enforcement Order.
- 17) Marks in the statistical tables are defined as follows:
- 0 or 0.0 Less than a unit.
  - Nil or no applicable number.
  - ... No data. Unknown.
  - △ Negative number.



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## 1

## I. ROAD TRAFFIC SITUATION

### Trends of Road Traffic Situation

Year	Fatalities	Index	Injuries	Index	Vehicle registration	Index
			(10 thousand)		(10 thousand)	
<b>1970</b>	<b>16,765</b>	<b>151</b>	<b>98.11</b>	<b>120</b>	<b>2,839</b>	<b>37</b>
1976	9,734	88	61.40	75	4,089	54
1977	8,945	81	59.32	73	4,341	57
1978	8,783	79	59.41	73	4,638	61
1979	8,466	76	59.63	73	4,945	65
1980	8,760	79	59.87	73	5,225	69
1981	8,719	79	60.73	75	5,523	73
1982	9,073	82	62.62	77	5,849	77
1983	9,520	86	65.48	80	6,179	81
1984	9,262	84	64.43	79	6,454	85
1985	9,261	84	68.13	84	6,704	88
1986	9,317	84	71.23	87	6,934	91
1987	9,347	84	72.22	89	7,126	94
1988	10,344	93	75.28	92	7,362	97
<b>1989</b>	<b>11,086</b>	<b>100</b>	<b>81.48</b>	<b>100</b>	<b>7,596</b>	<b>100</b>
1990	11,227	101	79.03	97	7,811	103
1991	11,105	100	81.02	99	7,984	105
1992	11,451	103	84.40	104	8,109	107
1993	10,942	99	87.86	108	8,220	108
1994	10,649	96	88.17	108	8,349	110
1995	10,679	96	92.27	113	8,497	112
1996	9,942	90	94.22	116	8,655	114
1997	9,640	87	95.89	118	8,754	115
1998	9,211	83	99.07	122	8,799	116
1999	9,006	81	105.04	129	8,860	117
2000	9,066	82	115.57	142	8,925	117
2001	8,747	79	118.10	145	8,972	118
2002	8,326	75	116.79	143	9,011	119
2003	7,702	69	118.14	145	9,013	119
2004	7,358	66	118.31	145	9,046	119
2005	6,871	62	115.66	142	9,138	120
2006	6,352	57	109.82	135	9,144	120
<b>2007</b>	<b>5,744</b>	<b>52</b>	<b>103.44</b>	<b>127</b>	<b>9,117</b>	<b>120</b>

Notes: 1) Figures for "Vehicle registration" are based on Motor Vehicles Owned, published monthly by the Ministry of Land, Infrastructure and Transport (as of December for each year). However, figures for moped second class, moped first class, minicars and small-sized special vehicles are as of 1 April for each year.

2) Figures for moped 2nd class and 1st class, minicar and small-sized special vehicles included among 2006 vehicle registrations come from Ministry of Internal Affairs and Communications materials (as of April 1 each year).

3) Population prior to 1991 is from the result of the national census which is taken every 5 years. Since 1991, figures of population are based on the estimated population as of October 1 each year as compiled by the Ministry of Internal Affairs and Communications. (Since 1972, figures include those of Okinawa Prefecture.)

4) Number of driver's licence holders are those of the end of December each year.

5) Figures for "motor vehicle kilometers traveled" include the total for buses, passenger cars and trucks and are sourced from the Ministry of Land, Infrastructure and Transport's Statistical Survey on Motor Vehicle Transport (compiled every fiscal year). Light motor vehicles are also included since 1987.

6) Total road length includes those of national expressways. As of April 1 each year or, prior to 1974, as of March 31. (Source: Statistics by the Ministry of Land, Infrastructure and Transport)

7) Indices are calculated with 1989 as 100. (The number less than a unit is rounded to the closest whole number.)

8) Fatalities were highest in 1970.

Population	Index	Driver's licence holders	Index	Motor vehicle kilometers travelled	Index	Total road length	Index
(10 thousand)		(10 thousand)		(100 million km)		(10 thousand km)	
<b>10,372.0</b>	<b>84</b>	<b>2,645</b>	<b>45</b>	<b>2,260</b>	<b>38</b>	<b>101.5</b>	<b>91</b>
11,309.4	92	3,515	59	3,097	52	107.9	97
11,416.5	93	3,702	63	3,423	57	108.8	98
11,519.0	93	3,917	66	3,613	60	109.7	99
11,615.5	94	4,104	69	3,820	64	110.6	100
11,706.0	95	4,300	73	3,891	65	111.3	100
11,790.2	96	4,497	76	3,947	66	111.8	101
11,872.8	96	4,698	79	4,031	67	112.3	101
11,953.6	97	4,881	83	4,089	68	112.3	101
12,030.5	98	5,061	86	4,157	69	112.5	101
12,104.9	98	5,235	88	4,284	71	112.8	102
12,166.0	99	5,408	91	4,416	74	112.7	102
12,223.9	99	5,572	94	5,488	91	109.9	99
12,274.5	100	5,742	97	5,756	96	110.4	99
<b>12,320.5</b>	<b>100</b>	<b>5,916</b>	<b>100</b>	<b>6,002</b>	<b>100</b>	<b>111.0</b>	<b>100</b>
12,361.1	100	6,091	103	6,286	105	111.5	100
12,404.3	101	6,255	106	6,573	110	112.0	101
12,445.2	101	6,417	108	6,782	113	112.5	101
12,476.4	101	6,570	111	6,838	114	113.1	102
12,503.4	101	6,721	114	6,943	116	113.6	102
12,557.0	102	6,856	116	7,203	120	114.2	103
12,586.4	102	6,987	118	7,378	123	114.8	103
12,616.6	102	7,127	120	7,444	124	115.2	104
12,648.6	103	7,273	123	7,461	124	115.6	104
12,668.6	103	7,379	125	7,651	127	116.2	105
12,692.6	103	7,469	126	7,757	129	116.6	105
12,729.1	103	7,555	128	7,908	132	117.2	106
12,743.5	103	7,653	129	7,908	132	117.7	106
12,761.9	104	7,747	131	7,934	132	118.3	107
12,768.7	104	7,825	132	7,817	130	118.8	107
12,776.8	104	7,880	133	7,689	128	119.3	107
12,777.0	104	7,933	134	7,626	127	119.7	108
<b>12,777.1</b>	<b>104</b>	<b>7,991</b>	<b>135</b>	...	...	...	...

## 2

## Vehicle Registrations

Year	Total	Index	Motor vehicles							
			Passenger cars				Trucks			
			Commer- cial	Index	Personal	Index	Commer- cial	Index	Personal	Index
<b>1970</b>	<b>28,386,962</b>	<b>37</b>	<b>301,267</b>	<b>86</b>	<b>8,665,688</b>	<b>27</b>	<b>360,818</b>	<b>42</b>	<b>8,179,768</b>	<b>40</b>
1976	40,886,143	54	331,214	95	18,366,740	56	483,684	57	10,347,020	51
1977	43,412,842	57	332,395	95	19,717,970	61	501,843	59	10,870,472	54
1978	46,375,730	61	334,653	96	21,172,011	65	523,355	61	11,456,842	56
1979	49,451,325	65	336,922	96	22,559,421	69	557,834	65	12,094,253	60
1980	52,250,508	69	338,934	97	23,550,614	72	582,121	68	12,668,122	62
1981	55,228,364	73	340,382	97	24,502,800	75	598,631	70	13,425,754	66
1982	58,485,758	77	340,612	97	25,429,271	78	614,873	72	14,169,493	70
1983	61,786,363	81	341,203	97	26,274,765	81	636,447	74	14,868,017	73
1984	64,539,585	85	341,337	97	27,032,776	83	667,066	78	15,643,111	77
1985	67,035,425	88	342,927	98	27,732,902	85	696,556	81	16,514,107	81
1986	69,344,628	91	344,274	98	28,541,934	88	725,051	85	17,455,900	86
1987	71,264,131	94	345,643	99	29,366,862	90	759,969	89	18,476,748	91
1988	73,624,843	97	347,894	99	30,666,404	94	807,935	94	19,620,882	97
<b>1989</b>	<b>75,959,594</b>	<b>100</b>	<b>350,379</b>	<b>100</b>	<b>32,512,548</b>	<b>100</b>	<b>855,223</b>	<b>100</b>	<b>20,314,141</b>	<b>100</b>
1990	78,113,378	103	354,841	101	34,815,040	107	897,076	105	20,515,131	101
1991	79,843,362	105	355,654	102	36,968,669	114	938,191	110	20,482,371	101
1992	81,091,190	107	356,570	102	38,855,915	120	962,969	113	20,269,941	100
1993	82,204,643	108	355,381	101	40,664,820	125	972,149	114	20,011,664	99
1994	83,485,381	110	353,752	101	42,570,201	131	998,049	117	19,779,290	97
1995	84,973,442	112	351,571	100	44,571,778	137	1,039,246	122	19,513,913	96
1996	86,548,705	114	351,710	100	46,759,245	144	1,067,514	125	19,148,893	94
1997	87,543,090	115	353,037	101	48,498,547	149	1,093,642	128	18,689,476	92
1998	87,991,336	116	353,956	101	49,780,071	153	1,088,127	127	18,125,061	89
1999	88,602,301	117	353,145	101	51,047,432	157	1,088,803	127	17,675,088	87
2000	89,245,093	117	354,398	101	52,319,168	161	1,102,808	129	17,258,976	85
2001	89,718,613	118	356,373	102	53,419,655	164	1,104,406	129	16,899,710	83
2002	90,106,830	119	363,224	104	54,410,693	167	1,095,199	128	16,523,870	81
2003	90,134,695	119	368,327	105	55,076,719	169	1,092,283	128	16,128,022	79
2004	90,456,094	119	373,286	107	55,852,325	172	1,107,519	130	15,817,805	78
2005	91,383,065	120	378,185	108	56,944,940	175	1,124,539	131	15,759,248	78
2006	91,443,421	120	380,281	109	57,373,017	176	1,128,540	132	15,524,604	76
<b>2007</b>	<b>91,166,120</b>	<b>120</b>	<b>380,890</b>	<b>109</b>	<b>57,474,335</b>	<b>177</b>	<b>1,136,629</b>	<b>133</b>	<b>15,294,730</b>	<b>75</b>

Notes: 1) Figures are based on Motor Vehicles Owned, published monthly by the Ministry of Land, Infrastructure and Transport (as of December for each year). However, figures for moped second class, moped first class (including minicars) and small-sized special vehicles are as of 1 April for each year.

2) Figures for moped 2nd class and 1st class, and small-sized special vehicles (including minicars) come from Ministry of Internal Affairs and Communications materials (as of April 1 each year).

3) Light motor vehicles are included in personal cars.

4) Indices are calculated with 1989 as 100. (The number less than a unit is rounded to the closest whole number.)

5) Since 1974, figures include those of Okinawa Prefecture.

6) Fatalities were highest in 1970.

Others	Index	Total	Index	Two-wheeled vehicles					
				Motor-cycles	Index	Moped 1st class	Index	Total	Index
<b>1,982,603</b>	<b>56</b>	<b>19,490,144</b>	<b>34</b>	<b>5,169,392</b>	<b>119</b>	<b>3,727,426</b>	<b>27</b>	<b>8,896,818</b>	<b>48</b>
2,412,093	68	<b>31,940,751</b>	<b>55</b>	3,756,752	87	5,188,640	37	<b>8,945,392</b>	<b>49</b>
2,646,096	74	<b>34,068,776</b>	<b>59</b>	3,549,200	82	5,794,866	41	<b>9,344,066</b>	<b>51</b>
2,799,537	79	<b>36,286,398</b>	<b>63</b>	3,384,570	78	6,704,762	48	<b>10,089,332</b>	<b>55</b>
2,924,747	82	<b>38,473,177</b>	<b>67</b>	3,304,400	76	7,673,748	55	<b>10,978,148</b>	<b>60</b>
3,027,082	85	<b>40,166,873</b>	<b>70</b>	3,289,300	76	8,794,335	63	<b>12,083,635</b>	<b>66</b>
3,124,778	88	<b>41,992,345</b>	<b>73</b>	3,313,628	76	9,922,391	71	<b>13,236,019</b>	<b>72</b>
3,188,020	90	<b>43,742,269</b>	<b>76</b>	3,401,409	79	11,342,080	81	<b>14,743,489</b>	<b>80</b>
3,237,835	91	<b>45,358,267</b>	<b>79</b>	3,543,587	82	12,884,509	92	<b>16,428,096</b>	<b>89</b>
3,286,600	92	<b>46,970,890</b>	<b>82</b>	3,665,123	85	13,903,572	99	<b>17,568,695</b>	<b>96</b>
3,352,214	94	<b>48,638,706</b>	<b>84</b>	3,787,320	87	14,609,399	104	<b>18,396,719</b>	<b>100</b>
3,402,260	96	<b>50,469,419</b>	<b>88</b>	3,917,286	90	14,957,923	107	<b>18,875,209</b>	<b>103</b>
3,452,592	97	<b>52,401,814</b>	<b>91</b>	4,076,706	94	14,785,611	105	<b>18,862,317</b>	<b>103</b>
3,524,578	99	<b>54,967,693</b>	<b>95</b>	4,235,327	98	14,421,823	103	<b>18,657,150</b>	<b>102</b>
<b>3,560,631</b>	<b>100</b>	<b>57,592,922</b>	<b>100</b>	<b>4,332,861</b>	<b>100</b>	<b>14,033,811</b>	<b>100</b>	<b>18,366,672</b>	<b>100</b>
3,613,248	101	<b>60,195,336</b>	<b>105</b>	4,378,773	101	13,539,269	96	<b>17,918,042</b>	<b>98</b>
3,666,506	103	<b>62,411,391</b>	<b>108</b>	4,383,834	101	13,048,137	93	<b>17,431,971</b>	<b>95</b>
3,695,317	104	<b>64,140,712</b>	<b>111</b>	4,429,643	102	12,520,835	89	<b>16,950,478</b>	<b>92</b>
3,729,012	105	<b>65,733,026</b>	<b>114</b>	4,472,677	103	11,998,940	86	<b>16,471,617</b>	<b>90</b>
3,763,375	106	<b>67,464,667</b>	<b>117</b>	4,498,820	104	11,521,894	82	<b>16,020,714</b>	<b>87</b>
3,814,261	107	<b>69,290,769</b>	<b>120</b>	4,517,283	104	11,165,390	80	<b>15,682,673</b>	<b>85</b>
3,894,439	109	<b>71,221,801</b>	<b>124</b>	4,490,970	104	10,835,934	77	<b>15,326,904</b>	<b>83</b>
3,970,971	112	<b>72,605,673</b>	<b>126</b>	4,449,843	103	10,487,574	75	<b>14,937,417</b>	<b>81</b>
4,055,482	114	<b>73,402,697</b>	<b>127</b>	4,407,190	102	10,181,449	73	<b>14,588,639</b>	<b>79</b>
4,119,413	116	<b>74,283,881</b>	<b>129</b>	4,398,546	102	9,919,874	71	<b>14,318,420</b>	<b>78</b>
4,150,736	117	<b>75,186,086</b>	<b>131</b>	4,415,504	102	9,643,503	69	<b>14,059,007</b>	<b>77</b>
4,122,139	116	<b>75,902,283</b>	<b>132</b>	4,461,776	103	9,354,554	67	<b>13,816,330</b>	<b>75</b>
4,067,032	114	<b>76,460,018</b>	<b>133</b>	4,509,980	104	9,136,832	65	<b>13,646,812</b>	<b>74</b>
3,999,638	112	<b>76,664,989</b>	<b>133</b>	4,554,669	105	8,915,037	64	<b>13,469,706</b>	<b>73</b>
3,934,309	110	<b>77,085,244</b>	<b>134</b>	4,631,164	107	8,739,686	62	<b>13,370,850</b>	<b>73</b>
3,885,962	109	<b>78,092,874</b>	<b>136</b>	4,723,578	109	8,566,613	61	<b>13,290,191</b>	<b>72</b>
3,874,230	109	<b>78,280,672</b>	<b>136</b>	4,817,524	111	8,345,225	59	<b>13,162,749</b>	<b>72</b>
<b>3,849,565</b>	<b>108</b>	<b>78,136,149</b>	<b>136</b>	<b>4,895,279</b>	<b>113</b>	<b>8,134,692</b>	<b>58</b>	<b>13,029,971</b>	<b>71</b>

## 3

## Driver's Licence Holders

Year	Total	Index	Component ratio	Male	Index	Component ratio	Female	Index	Component ratio
1970	26,449,229	45	34.3	21,683,599	58	58.0	4,765,630	22	12.0
1976	35,148,742	59	41.8	26,956,923	72	66.1	8,191,819	37	18.9
1977	37,022,922	63	43.6	27,769,945	75	67.4	9,252,977	42	21.2
1978	39,174,099	66	45.6	28,730,091	77	69.0	10,444,008	48	23.6
1979	41,042,876	69	47.3	29,548,200	79	70.1	11,494,676	52	25.7
1980	43,000,383	73	49.0	30,408,233	82	71.5	12,592,150	57	27.9
1981	44,973,064	76	50.6	31,212,847	84	72.4	13,760,217	63	30.1
1982	46,978,577	79	52.4	32,024,310	86	73.7	14,954,267	68	32.4
1983	48,814,356	83	53.8	32,789,800	88	74.5	16,024,556	73	34.3
1984	50,606,685	86	55.1	33,542,077	90	75.2	17,064,608	78	36.1
1985	52,347,735	88	56.3	34,277,091	92	75.9	18,070,644	82	37.7
1986	54,079,827	91	57.4	35,036,361	94	77.6	19,043,466	87	39.3
1987	55,724,173	94	58.3	35,752,664	96	77.1	19,971,509	91	40.6
1988	57,423,924	97	59.4	36,483,593	98	77.6	20,940,331	96	42.1
1989	59,159,342	100	60.4	37,244,077	100	78.2	21,915,265	100	43.5
1990	60,908,993	103	61.4	38,028,875	102	78.9	22,880,118	104	44.9
1991	62,553,596	106	61.6	38,773,374	104	78.6	23,780,222	109	45.6
1992	64,172,276	108	63.0	39,482,617	106	79.7	24,689,659	113	47.1
1993	65,695,677	111	64.3	40,143,572	108	80.8	25,552,105	117	48.6
1994	67,205,667	114	65.3	40,793,347	110	81.6	26,412,320	121	49.9
1995	68,563,830	116	66.0	41,406,176	111	82.0	27,157,654	124	50.8
1996	69,874,878	118	66.8	41,973,336	113	82.6	27,901,542	127	51.8
1997	71,271,222	120	67.7	42,578,341	114	83.3	28,692,881	131	53.0
1998	72,733,411	123	68.7	43,223,086	116	84.1	29,510,325	135	54.1
1999	73,792,756	125	69.3	43,601,205	117	84.5	30,191,551	138	55.0
2000	74,686,752	126	69.9	43,865,900	118	84.7	30,820,852	141	56.0
2001	75,550,711	128	70.2	44,143,259	119	84.6	31,407,452	143	56.6
2002	76,533,859	129	70.9	44,489,377	119	85.1	32,044,482	146	57.5
2003	77,467,729	131	71.5	44,786,148	120	85.4	32,681,581	149	58.4
2004	78,246,948	132	72.0	45,020,226	121	85.7	33,226,722	152	59.2
2005	78,798,821	133	72.6	45,135,941	121	86.0	33,662,880	154	60.0
2006	79,329,866	134	72.7	45,257,391	122	85.8	34,072,475	155	60.5
2007	79,907,212	135	73.1	45,412,614	122	86.0	34,494,598	157	61.1

Notes: 1) Figures for the number of driver's license holders from 1966 to 1968 are compiled based on reports from each prefecture; beginning in 1969 they are calculated using the National Police Agency information management system. Since 1972, figures include those of Okinawa Prefecture.

2) Indices are calculated with 1989 as 100.

3) The component ratio of driver's licence holders indicates the percentage of the population aged 16 and over that hold a driver's licence, and is calculated based on the estimated population as of October 1 each year, or the result of the national census, by the Ministry of Internal Affairs and Communications.

4) Fatalities were highest in 1970.

## 4

## Total Road Length

Year	Total length of roads							
	Total length (km)	Index	Expressways (km)	Index	Improved roads (km)	Index	Side-walks (km)	Index
<b>1970</b>	<b>1,014,589</b>	<b>91</b>	<b>638</b>	<b>14</b>	<b>182,681</b>	<b>35</b>	...	...
1976	1,079,208	97	1,888	43	284,596	54	38,921	39
1977	1,088,252	98	2,022	46	299,014	57	42,960	43
1978	1,097,248	99	2,195	50	314,799	60	47,395	47
1979	1,106,138	100	2,430	55	329,978	63	52,032	52
1980	1,113,387	100	2,579	59	345,936	66	57,820	58
1981	1,118,008	101	2,860	65	360,898	69	62,490	62
1982	1,123,030	101	3,010	68	378,044	72	66,920	67
1983	1,123,283	101	3,232	73	396,019	75	71,789	72
1984	1,125,217	101	3,435	78	413,001	79	76,505	76
1985	1,127,505	102	3,555	81	429,333	82	80,572	80
1986	1,127,405	102	3,721	84	446,581	85	85,005	85
1987	1,098,931	99	3,910	89	496,868	94	91,137	91
1988	1,104,282	99	4,280	97	512,437	97	95,931	96
<b>1989</b>	<b>1,109,981</b>	<b>100</b>	<b>4,407</b>	<b>100</b>	<b>526,095</b>	<b>100</b>	<b>100,247</b>	<b>100</b>
1990	1,114,697	100	4,661	106	540,209	103	104,486	104
1991	1,120,461	101	4,869	110	553,266	105	108,237	108
1992	1,124,844	101	5,054	115	565,593	108	111,974	112
1993	1,130,892	102	5,410	123	578,443	110	116,083	116
1994	1,136,346	102	5,568	126	591,211	112	120,093	120
1995	1,142,308	103	5,677	129	602,807	115	124,202	124
1996	1,147,532	103	5,932	135	614,226	117	128,012	128
1997	1,152,207	104	6,114	139	625,033	119	131,808	131
1998	1,156,371	104	6,402	145	635,064	121	135,556	135
1999	1,161,894	105	6,455	146	646,162	123	139,015	139
2000	1,166,340	105	6,617	150	654,821	124	142,168	142
2001	1,171,647	106	6,851	155	665,322	126	145,649	145
2002	1,177,278	106	6,915	157	676,481	129	148,924	149
2003	1,182,593	107	7,196	163	685,932	130	152,175	152
2004	1,187,638	107	7,296	166	695,251	132	155,786	155
2005	1,192,972	107	7,383	168	688,913	131	158,246	158
<b>2006</b>	<b>1,197,008</b>	<b>108</b>	<b>7,392</b>	<b>168</b>	<b>696,155</b>	<b>132</b>	<b>160,536</b>	<b>160</b>

Notes: 1) Source: Statistics by the Ministry of Land, Infrastructure and Transport, as of April 1 each year. However, prior to 1974, as of March 31.

2) Indices are calculated with 1989 as 100.

3) Fatalities were highest in 1970.

## 5

## Motor Vehicle Kilometers Travelled

(unit: 1,000km)

Fiscal Year	Total	Index	Buses	Index	Passen-ger cars	Index	Trucks	Index	Light motor vehicles			
									Passen-ger cars	Index	Trucks	Index
1970	226,016,858	38	5,394,083	77	120,582,367	37	100,040,408	60	...	...	...	...
1976	309,698,312	52	5,469,302	79	186,082,581	57	118,146,429	71	...	...	...	...
1977	342,325,595	57	5,722,647	82	205,366,844	63	131,236,077	79	...	...	...	...
1978	361,261,270	60	5,896,439	85	220,362,502	67	135,002,329	81	...	...	...	...
1979	381,951,189	64	5,959,711	86	235,007,020	72	140,984,458	85	...	...	...	...
1980	389,051,711	65	6,045,821	87	241,459,291	74	141,546,599	85	...	...	...	...
1981	394,657,738	66	6,091,312	87	247,156,485	75	141,409,941	85	...	...	...	...
1982	403,100,946	67	6,076,693	87	255,967,631	78	141,056,622	85	...	...	...	...
1983	408,928,139	68	6,163,876	89	259,744,111	79	143,020,152	86	...	...	...	...
1984	415,742,593	69	6,313,337	91	265,095,892	81	144,333,364	87	...	...	...	...
1985	428,441,720	71	6,351,738	91	275,556,532	84	146,533,450	88	...	...	...	...
1986	441,612,821	74	6,454,743	93	285,293,934	87	149,864,144	90	...	...	...	...
1987	548,834,533	91	6,626,287	95	295,083,745	90	156,147,759	94	12,978,087	100	77,998,655	91
1988	575,585,221	96	6,736,993	97	308,629,245	94	162,922,548	98	12,866,965	99	84,429,470	98
1989	600,216,914	100	6,961,804	100	328,375,855	100	165,849,122	100	12,997,772	100	86,032,361	100
1990	628,581,034	105	7,111,973	102	350,316,534	107	170,535,985	103	15,280,783	118	85,335,759	99
1991	657,305,386	110	7,185,231	103	366,288,675	112	177,635,617	107	20,726,145	159	85,469,718	99
1992	678,211,408	113	7,068,182	102	380,102,242	116	179,104,668	108	25,627,236	197	86,309,080	100
1993	683,753,202	114	6,933,858	100	383,356,180	117	178,210,267	107	29,673,538	228	85,579,359	99
1994	694,336,083	116	6,806,980	98	391,598,967	119	177,725,843	107	33,946,379	261	84,257,914	98
1995	720,283,281	120	6,767,953	97	407,001,030	124	182,594,034	110	39,386,280	303	84,533,984	98
1996	737,763,166	123	6,706,027	96	418,980,169	128	184,496,400	111	45,143,031	347	82,437,539	96
1997	744,379,458	124	6,641,053	95	425,987,921	130	182,470,151	110	49,610,868	382	79,669,465	93
1998	746,054,332	124	6,520,152	94	427,689,092	130	179,741,538	108	54,861,720	422	77,241,830	90
1999	765,056,264	127	6,600,779	95	438,550,491	134	181,134,933	109	62,981,556	485	75,788,505	88
2000	775,723,401	129	6,619,057	95	438,203,900	133	185,932,105	112	70,054,549	539	74,913,790	87
2001	790,820,473	132	6,762,378	97	448,844,505	137	184,211,444	111	77,577,185	597	73,424,961	85
2002	790,828,748	132	6,652,731	96	445,133,997	136	182,608,651	110	84,073,623	647	72,359,746	84
2003	793,378,171	132	6,661,535	96	438,730,041	134	183,377,193	111	90,986,479	700	73,622,923	86
2004	781,711,422	130	6,665,325	96	429,260,043	131	174,410,681	105	97,058,459	747	74,316,914	86
2005	768,878,611	128	6,650,213	96	417,536,546	127	168,302,258	101	102,600,945	789	73,788,649	86
2006	762,613,241	127	6,655,014	96	405,388,369	123	168,439,999	102	108,720,688	836	73,409,171	85

Notes: 1) Source: Statistics by the Ministry of Land, Infrastructure and Transport.

2) Figures of FY 1994 do not include the figures of Hyogo Prefecture for the period between January and March, 1995.

3) Light motor vehicles are included since FY 1987.

4) Indices are calculated with 1989 as 100.

5) Fatalities were highest in 1970.

## 6

## II. TRAFFIC ACCIDENTS: TRENDS

## Traffic Accidents and Casualties

Year	Accidents	Fatal accidents	Index	Accidents (average per day)	Casualties					
					Fatalities	Index	Fatalities (average per day)	Injuries	Index	Injuries (average per day)
1959	201,292	...	—	551.5	10,079	91	27.6	175,951	—	482.1
1960	449,917	...	—	1,229.3	12,055	109	32.9	289,156	35	790.0
1961	493,693	...	—	1,352.6	12,865	116	35.2	308,697	38	845.7
1962	479,825	...	—	1,314.6	11,445	103	31.4	313,813	39	859.8
1963	531,966	11,830	—	1,457.4	12,301	111	33.7	359,089	44	983.8
1964	557,183	12,767	—	1,522.4	13,318	120	36.4	401,117	49	1,095.9
1965	567,286	11,922	—	1,554.2	12,484	113	34.2	425,666	52	1,166.2
1966	425,944	13,257	64	1,167.0	13,904	125	38.1	517,775	64	1,418.6
1967	521,481	12,885	79	1,428.7	13,618	123	37.3	655,377	80	1,795.6
1968	635,056	13,556	96	1,735.1	14,256	129	39.0	828,071	102	2,262.5
1969	720,880	15,396	109	1,975.0	16,257	147	44.5	967,000	119	2,649.3
1970	718,080	15,801	109	1,967.3	16,765	151	45.9	981,096	120	2,687.9
1971	700,290	15,340	106	1,918.6	16,278	147	44.6	949,689	117	2,601.9
1972	659,283	15,009	100	1,801.3	15,918	144	43.5	889,198	109	2,429.5
1973	586,713	13,791	89	1,607.4	14,574	131	39.9	789,948	97	2,164.2
1974	490,452	10,845	74	1,343.7	11,432	103	31.3	651,420	80	1,784.7
1975	472,938	10,165	72	1,295.7	10,792	97	29.6	622,467	76	1,705.4
1976	471,041	9,196	71	1,287.0	9,734	88	26.6	613,957	75	1,677.5
1977	460,649	8,487	70	1,262.1	8,945	81	24.5	593,211	73	1,625.2
1978	464,037	8,311	70	1,271.3	8,783	79	24.1	594,116	73	1,627.7
1979	471,573	8,048	71	1,292.0	8,466	76	23.2	596,282	73	1,633.6
1980	476,677	8,329	72	1,302.4	8,760	79	23.9	598,719	73	1,635.8
1981	485,578	8,278	73	1,330.4	8,719	79	23.9	607,346	75	1,664.0
1982	502,261	8,606	76	1,376.1	9,073	82	24.9	626,192	77	1,715.6
1983	526,362	9,045	80	1,442.1	9,520	86	26.1	654,822	80	1,794.0
1984	518,642	8,829	78	1,417.1	9,262	84	25.3	644,321	79	1,760.4
1985	552,788	8,826	84	1,514.5	9,261	84	25.4	681,346	84	1,866.7
1986	579,190	8,877	88	1,586.8	9,317	84	25.5	712,330	87	1,951.6
1987	590,723	8,981	89	1,618.4	9,347	84	25.6	722,179	89	1,978.6
1988	614,481	9,865	93	1,678.9	10,344	93	28.3	752,845	92	2,057.0
1989	661,363	10,570	100	1,812.0	11,086	100	30.4	814,832	100	2,232.4
1990	643,097	10,651	97	1,761.9	11,227	101	30.8	790,295	97	2,165.2
1991	662,388	10,547	100	1,814.8	11,105	100	30.4	810,245	99	2,219.8
1992	695,345	10,891	105	1,899.8	11,451	103	31.3	844,003	104	2,306.0
1993	724,675	10,395	110	1,985.4	10,942	99	30.0	878,633	108	2,407.2
1994	729,457	10,154	110	1,998.5	10,649	96	29.2	881,723	108	2,415.7
1995	761,789	10,227	115	2,087.1	10,679	96	29.3	922,677	113	2,527.9
1996	771,084	9,517	117	2,106.8	9,942	90	27.2	942,203	116	2,574.3
1997	780,399	9,220	118	2,138.1	9,640	87	26.4	958,925	118	2,627.2
1998	803,878	8,797	122	2,202.4	9,211	83	25.2	990,675	122	2,714.2
1999	850,363	8,681	129	2,329.8	9,006	81	24.7	1,050,397	129	2,877.8
2000	931,934	8,707	141	2,546.3	9,066	82	24.8	1,155,697	142	3,157.6
2001	947,169	8,414	143	2,595.0	8,747	79	24.0	1,180,955	145	3,235.5
2002	936,721	7,993	142	2,566.4	8,326	75	22.8	1,167,855	143	3,199.6
2003	947,993	7,456	143	2,597.2	7,702	69	21.1	1,181,431	145	3,236.8
2004	952,191	7,084	144	2,601.6	7,358	66	20.1	1,183,120	145	3,232.6
2005	933,828	6,625	141	2,558.4	6,871	62	18.8	1,156,633	142	3,168.9
2006	886,864	6,147	134	2,429.8	6,352	57	17.4	1,098,199	135	3,008.8
2007	832,454	5,587	126	2,280.7	5,744	52	15.7	1,034,445	127	2,834.1

Notes: 1) Since 1960, figures include minor accidents such as injury requiring less than eight days to be cured or property damage under ¥20,000.

2) Since 1966, figures exclude property damage.

3) Since 1972, figures include those of Okinawa Prefecture.

4) Indices are calculated with 1989 as 100.

5) The figures for the leap year are calculated on 366-day basis.

## 7

## Trends in Fatalities by Age Group and Road User Type

		Year											
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Age	Type												
15 and under	Motor vehicle occupant												
	Driver	–	–	–	–	–	1	2	–	–	2	–	–
	Passenger	84	70	86	66	58	75	54	61	72	49	35	35
	<b>Sub-total</b>	<b>84</b>	<b>70</b>	<b>86</b>	<b>66</b>	<b>58</b>	<b>76</b>	<b>56</b>	<b>61</b>	<b>72</b>	<b>51</b>	<b>35</b>	<b>35</b>
	Motorcycle occupant												
	Driver	8	7	5	6	4	2	3	3	1	–	2	–
	Passenger	6	5	3	4	3	4	1	3	3	–	2	2
	<b>Sub-total</b>	<b>14</b>	<b>12</b>	<b>8</b>	<b>10</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>–</b>	<b>4</b>	<b>2</b>
	Moped 1st class occupant												
	Driver	10	10	11	12	13	17	8	9	5	6	5	5
	Passenger	4	4	4	7	6	4	5	3	4	5	4	1
	<b>Sub-total</b>	<b>14</b>	<b>14</b>	<b>15</b>	<b>19</b>	<b>19</b>	<b>21</b>	<b>13</b>	<b>12</b>	<b>9</b>	<b>11</b>	<b>9</b>	<b>6</b>
	Pedal cyclist	81	68	75	60	52	60	61	50	58	46	45	33
	Pedestrian	136	131	137	110	95	107	124	96	77	74	64	57
Others	2	–	–	–	–	–	–	–	1	–	1	–	
<b>Total</b>	<b>331</b>	<b>295</b>	<b>321</b>	<b>265</b>	<b>231</b>	<b>270</b>	<b>258</b>	<b>225</b>	<b>221</b>	<b>182</b>	<b>158</b>	<b>133</b>	
16-24	Motor vehicle occupant												
	Driver	772	756	674	586	605	503	484	359	334	321	241	216
	Passenger	411	412	347	307	293	258	264	166	166	151	134	104
	<b>Sub-total</b>	<b>1,183</b>	<b>1,168</b>	<b>1,021</b>	<b>893</b>	<b>898</b>	<b>761</b>	<b>748</b>	<b>525</b>	<b>500</b>	<b>472</b>	<b>375</b>	<b>320</b>
	Motorcycle occupant												
	Driver	515	434	414	326	318	309	260	246	198	171	179	174
	Passenger	51	43	42	29	27	25	26	26	16	17	23	15
	<b>Sub-total</b>	<b>566</b>	<b>477</b>	<b>456</b>	<b>355</b>	<b>345</b>	<b>334</b>	<b>286</b>	<b>272</b>	<b>214</b>	<b>188</b>	<b>202</b>	<b>189</b>
	Moped 1st class occupant												
	Driver	243	227	186	217	197	182	167	150	133	89	86	78
	Passenger	10	10	13	14	16	9	11	9	7	3	3	4
	<b>Sub-total</b>	<b>253</b>	<b>237</b>	<b>199</b>	<b>231</b>	<b>213</b>	<b>191</b>	<b>178</b>	<b>159</b>	<b>140</b>	<b>92</b>	<b>89</b>	<b>82</b>
	Pedal cyclist	56	71	47	46	54	56	53	49	33	40	60	42
	Pedestrian	64	72	67	53	52	59	50	33	43	37	46	37
Others	3	1	–	–	1	1	1	1	1	–	–	–	
<b>Total</b>	<b>2,125</b>	<b>2,026</b>	<b>1,790</b>	<b>1,578</b>	<b>1,563</b>	<b>1,402</b>	<b>1,316</b>	<b>1,039</b>	<b>931</b>	<b>829</b>	<b>772</b>	<b>670</b>	
25-64	Motor vehicle occupant												
	Driver	2,006	1,996	1,838	1,934	1,949	1,792	1,648	1,459	1,401	1,276	1,082	902
	Passenger	399	397	374	345	337	336	294	275	230	219	193	144
	<b>Sub-total</b>	<b>2,405</b>	<b>2,393</b>	<b>2,212</b>	<b>2,279</b>	<b>2,286</b>	<b>2,128</b>	<b>1,942</b>	<b>1,734</b>	<b>1,631</b>	<b>1,495</b>	<b>1,275</b>	<b>1,046</b>
	Motorcycle occupant												
	Driver	293	291	324	302	368	394	395	382	392	349	330	309
	Passenger	5	1	6	5	2	6	6	4	2	8	3	3
	<b>Sub-total</b>	<b>298</b>	<b>292</b>	<b>330</b>	<b>307</b>	<b>370</b>	<b>400</b>	<b>401</b>	<b>386</b>	<b>394</b>	<b>357</b>	<b>333</b>	<b>312</b>
	Moped 1st class occupant												
	Driver	287	257	248	250	258	256	249	220	228	203	186	172
	Passenger	–	1	–	–	1	1	–	–	1	–	–	–
	<b>Sub-total</b>	<b>287</b>	<b>258</b>	<b>248</b>	<b>250</b>	<b>259</b>	<b>257</b>	<b>249</b>	<b>220</b>	<b>229</b>	<b>203</b>	<b>186</b>	<b>172</b>
	Pedal cyclist	331	342	302	329	345	291	299	265	257	252	232	175
	Pedestrian	1,006	874	829	849	838	773	710	716	639	621	584	504
Others	14	8	5	6	8	10	7	8	10	8	3	5	
<b>Total</b>	<b>4,341</b>	<b>4,167</b>	<b>3,926</b>	<b>4,020</b>	<b>4,106</b>	<b>3,859</b>	<b>3,608</b>	<b>3,329</b>	<b>3,160</b>	<b>2,936</b>	<b>2,613</b>	<b>2,214</b>	

		Year											
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Age	Type												
65 and over	Motor vehicle occupant												
	Driver	415	421	461	459	504	526	492	498	499	522	474	431
	Passenger	202	199	192	175	207	220	200	210	216	182	200	181
	<b>Sub-total</b>	<b>617</b>	<b>620</b>	<b>653</b>	<b>634</b>	<b>711</b>	<b>746</b>	<b>692</b>	<b>708</b>	<b>715</b>	<b>704</b>	<b>674</b>	<b>612</b>
	Motorcycle occupant												
	Driver	65	76	89	70	72	73	82	59	61	57	54	56
	Passenger	-	2	3	1	1	-	-	2	-	1	1	-
	<b>Sub-total</b>	<b>65</b>	<b>78</b>	<b>92</b>	<b>71</b>	<b>73</b>	<b>73</b>	<b>82</b>	<b>61</b>	<b>61</b>	<b>58</b>	<b>55</b>	<b>56</b>
	Moped 1st class occupant												
	Driver	282	294	284	272	288	284	284	237	262	275	241	212
	Passenger	-	-	-	1	1	-	-	-	-	-	-	-
	<b>Sub-total</b>	<b>282</b>	<b>294</b>	<b>284</b>	<b>273</b>	<b>289</b>	<b>284</b>	<b>284</b>	<b>237</b>	<b>262</b>	<b>275</b>	<b>241</b>	<b>212</b>
	Pedal cyclist	584	584	564	597	533	585	578	609	511	508	475	495
	Pedestrian	1,588	1,566	1,572	1,559	1,555	1,517	1,500	1,487	1,491	1,372	1,357	1,345
	Others	9	10	9	9	5	11	8	7	6	7	7	7
<b>Total</b>	<b>3,145</b>	<b>3,152</b>	<b>3,174</b>	<b>3,143</b>	<b>3,166</b>	<b>3,216</b>	<b>3,144</b>	<b>3,109</b>	<b>3,046</b>	<b>2,924</b>	<b>2,809</b>	<b>2,727</b>	
75 and over	Motor vehicle occupant												
	Driver	104	108	133	114	153	172	167	187	205	236	211	210
	Passenger	84	80	73	79	93	98	101	93	114	104	115	110
	<b>Sub-total</b>	<b>188</b>	<b>188</b>	<b>206</b>	<b>193</b>	<b>246</b>	<b>270</b>	<b>268</b>	<b>280</b>	<b>319</b>	<b>340</b>	<b>326</b>	<b>320</b>
	Motorcycle occupant												
	Driver	30	25	35	26	39	32	40	28	29	36	31	34
	Passenger	-	1	1	-	-	-	-	1	-	-	1	-
	<b>Sub-total</b>	<b>30</b>	<b>26</b>	<b>36</b>	<b>26</b>	<b>39</b>	<b>32</b>	<b>40</b>	<b>29</b>	<b>29</b>	<b>36</b>	<b>32</b>	<b>34</b>
	Moped 1st class occupant												
	Driver	128	162	128	124	139	127	137	117	133	135	128	116
	Passenger	-	-	-	-	1	-	-	-	-	-	-	-
	<b>Sub-total</b>	<b>128</b>	<b>162</b>	<b>128</b>	<b>124</b>	<b>140</b>	<b>127</b>	<b>137</b>	<b>117</b>	<b>133</b>	<b>135</b>	<b>128</b>	<b>116</b>
	Pedal cyclist	286	314	303	325	298	357	312	340	295	288	273	286
	Pedestrian	1,019	1,002	975	973	970	963	976	958	959	881	893	873
	Others	5	5	4	5	5	7	2	2	3	4	5	6
<b>Total</b>	<b>1,656</b>	<b>1,697</b>	<b>1,652</b>	<b>1,646</b>	<b>1,698</b>	<b>1,756</b>	<b>1,735</b>	<b>1,726</b>	<b>1,738</b>	<b>1,684</b>	<b>1,657</b>	<b>1,635</b>	
All age groups	Motor vehicle occupant												
	Driver	3,193	3,173	2,973	2,979	3,058	2,822	2,626	2,316	2,234	2,121	1,797	1,549
	Passenger	1,096	1,078	999	893	895	889	812	712	684	601	562	464
	<b>Sub-total</b>	<b>4,289</b>	<b>4,251</b>	<b>3,972</b>	<b>3,872</b>	<b>3,953</b>	<b>3,711</b>	<b>3,438</b>	<b>3,028</b>	<b>2,918</b>	<b>2,722</b>	<b>2,359</b>	<b>2,013</b>
	Motorcycle occupant												
	Driver	881	808	832	704	762	778	740	690	652	577	565	539
	Passenger	62	51	54	39	33	35	33	35	21	26	29	20
	<b>Sub-total</b>	<b>943</b>	<b>859</b>	<b>886</b>	<b>743</b>	<b>795</b>	<b>813</b>	<b>773</b>	<b>725</b>	<b>673</b>	<b>603</b>	<b>594</b>	<b>559</b>
	Moped 1st class occupant												
	Driver	822	788	729	751	756	739	708	616	628	573	518	467
	Passenger	14	15	17	22	24	14	16	12	12	8	7	5
	<b>Sub-total</b>	<b>836</b>	<b>803</b>	<b>746</b>	<b>773</b>	<b>780</b>	<b>753</b>	<b>724</b>	<b>628</b>	<b>640</b>	<b>581</b>	<b>525</b>	<b>472</b>
	Pedal cyclist	1,052	1,065	988	1,032	984	992	991	973	859	846	812	745
	Pedestrian	2,794	2,643	2,605	2,571	2,540	2,456	2,384	2,332	2,250	2,104	2,051	1,943
	Others	28	19	14	15	14	22	16	16	18	15	11	12
<b>Grand Total</b>	<b>9,942</b>	<b>9,640</b>	<b>9,211</b>	<b>9,006</b>	<b>9,066</b>	<b>8,747</b>	<b>8,326</b>	<b>7,702</b>	<b>7,358</b>	<b>6,871</b>	<b>6,352</b>	<b>5,744</b>	

Note: The figures for the aged 75 and over are repeated.

## 8

## Accident Rate per 100 Million Motor Vehicle Kilometers Travelled

Year	Accident rate per 100 million motor vehicle km travelled		Fatalities per 100 million motor vehicle km travelled	Injuries per 100 million motor vehicle km travelled
	Traffic accidents	Fatal accidents		
1961	1,388.9	34.5	36.2	868.5
1962	1,116.8	25.7	26.6	730.4
1963	945.2	21.0	21.9	638.0
1964	792.3	18.2	18.9	570.3
1965	690.5	14.5	15.2	518.1
1966	406.6	12.7	13.3	494.3
1967	394.4	9.8	10.3	495.7
1968	388.6	8.3	8.7	506.7
1969	372.3	8.0	8.4	499.5
1970	317.7	7.0	7.4	434.1
1971	287.6	6.3	6.7	390.0
1972	254.0	5.8	6.1	342.5
1973	212.4	5.0	5.3	286.0
1974	184.0	4.1	4.3	244.4
1975	165.2	3.6	3.8	217.4
1976	152.1	3.0	3.1	198.2
1977	134.6	2.5	2.6	173.3
1978	128.4	2.3	2.4	164.5
1979	123.5	2.1	2.2	156.1
1980	122.5	2.1	2.3	153.9
1981	123.0	2.1	2.2	153.9
1982	124.6	2.1	2.3	155.3
1983	128.7	2.2	2.3	160.1
1984	124.8	2.1	2.2	155.0
1985	129.0	2.1	2.2	159.0
1986	131.2	2.0	2.1	161.3
1987	107.6	1.6	1.7	131.6
1988	106.8	1.7	1.8	130.8
<b>1989</b>	<b>110.2</b>	<b>1.8</b>	<b>1.9</b>	<b>135.8</b>
1990	102.3	1.7	1.8	125.7
1991	100.8	1.6	1.7	123.3
1992	102.5	1.6	1.7	124.4
1993	106.0	1.5	1.6	128.5
1994	105.1	1.5	1.5	127.0
1995	105.8	1.4	1.5	128.1
1996	104.5	1.3	1.4	127.7
1997	104.8	1.2	1.3	128.8
1998	107.8	1.2	1.2	132.8
1999	111.2	1.1	1.2	137.3
2000	120.1	1.1	1.2	149.0
2001	119.8	1.1	1.1	149.3
2002	118.4	1.0	1.1	147.7
2003	119.5	0.9	1.0	148.9
2004	121.8	0.9	0.9	151.3
2005	121.5	0.9	0.9	150.4
2006	116.3	0.8	0.8	144.0
<b>2007</b>	<b>109.2</b>	<b>0.7</b>	<b>0.8</b>	<b>135.6</b>

Notes: 1) Motor Vehicle Kilometers for each year on which the accident rate is based are obtained from statistics by the Ministry of Land, Infrastructure and Transport. However, the figures for 2007 were calculated on the basis of the vehicle kilometers for 2006.  
2) Motor Vehicle Kilometers since 1987 include light motor vehicles.

## 9

## Casualties per Number of Vehicles and per Population

Year	Casualties per 10 thousand vehicles		Casualties per 100 thousand population	
	Fatalities	Injuries	Fatalities	Injuries
1961	18.45	442.62	13.64	327.40
1962	13.18	361.25	12.02	329.70
1963	11.03	321.84	12.79	373.44
1964	9.79	294.75	13.70	412.75
1965	7.91	269.87	12.70	433.14
1966	7.72	287.56	14.04	522.81
1967	6.67	321.20	13.59	654.09
1968	6.17	358.50	14.07	817.19
1969	6.28	373.43	15.85	943.08
1970	5.91	345.62	16.16	945.91
1971	5.33	310.93	15.48	903.22
1972	4.84	270.40	14.79	826.43
1973	4.10	222.41	13.36	724.03
1974	3.06	174.48	10.34	589.13
1975	2.80	161.29	9.64	556.07
1976	2.38	150.16	8.61	542.87
1977	2.06	136.64	7.84	519.61
1978	1.89	128.11	7.62	515.77
1979	1.71	120.58	7.29	513.35
1980	1.68	114.59	7.48	511.46
1981	1.58	109.97	7.40	515.13
1982	1.55	107.07	7.64	527.42
1983	1.54	105.98	7.96	547.80
1984	1.44	99.83	7.70	535.57
1985	1.38	101.64	7.65	562.87
1986	1.34	102.72	7.66	585.51
1987	1.31	101.34	7.65	590.79
1988	1.40	102.25	8.43	613.34
<b>1989</b>	<b>1.46</b>	<b>107.27</b>	<b>9.00</b>	<b>661.36</b>
1990	1.44	101.17	9.08	639.34
1991	1.39	101.48	8.95	653.20
1992	1.41	104.08	9.20	678.18
1993	1.33	106.88	8.77	704.23
1994	1.28	105.61	8.52	705.19
1995	1.26	108.58	8.50	734.79
1996	1.15	108.86	7.90	748.59
1997	1.10	109.54	7.64	760.05
1998	1.05	112.59	7.28	783.23
1999	1.02	118.55	7.11	829.13
2000	1.02	129.50	7.14	910.53
2001	0.97	131.63	6.87	927.76
2002	0.92	129.61	6.53	916.43
2003	0.85	131.07	6.04	925.75
2004	0.81	130.79	5.76	926.58
2005	0.75	126.57	5.38	905.26
2006	0.69	120.10	4.97	859.51
<b>2007</b>	<b>0.63</b>	<b>113.47</b>	<b>4.50</b>	<b>809.61</b>

Notes: 1) Figures of vehicles are calculated on the basis of the number of motor vehicles (including mopeds) as of the end of December each year compiled by the Ministry of Land, Infrastructure and Transport (the numbers of moped 1st class, moped 2nd class and small-sized special vehicle are as of April 1 each year), and the Ministry of Internal Affairs and Communications.

2) Figures of population are based on the estimated population as of October 1 each year compiled by the Ministry of Internal Affairs and Communications.

3) Since 1972, figures include those of Okinawa Prefecture.

# 10

## Comparison of the National Police Agency Statistics and the Health and Welfare Statistics

Year	National Police Agency statistics		Ratio (B/A)	Death toll by the Health and Welfare statistics (C)	Ratio (C/A)
	Persons who died within 24 hours (A)	Persons who died within 30 days (B)			
1970	16,765	...	...	21,535	1.28
1971	16,278	...	...	21,101	1.30
1972	15,918	...	...	20,494	1.29
1973	14,574	...	...	19,068	1.31
1974	11,432	...	...	15,448	1.35
1975	10,792	...	...	14,206	1.32
1976	9,734	...	...	13,006	1.34
1977	8,945	...	...	12,095	1.35
1978	8,783	...	...	12,030	1.37
1979	8,466	...	...	11,778	1.39
1980	8,760	...	...	11,752	1.34
1981	8,719	...	...	11,874	1.36
1982	9,073	...	...	12,377	1.36
1983	9,520	...	...	12,919	1.36
1984	9,262	...	...	12,432	1.34
1985	9,261	...	...	12,660	1.37
1986	9,317	...	...	12,458	1.34
1987	9,347	...	...	12,544	1.34
1988	10,344	...	...	13,617	1.32
<b>1989</b>	<b>11,086</b>	...	...	<b>14,512</b>	<b>1.31</b>
1990	11,227	...	...	14,631	1.30
1991	11,105	...	...	14,558	1.31
1992	11,451	...	...	14,735	1.29
1993	10,942	13,269	1.21	14,168	1.29
1994	10,649	12,768	1.20	13,712	1.29
1995	10,679	12,670	1.19	14,840	1.39
1996	9,942	11,674	1.17	14,006	1.41
1997	9,640	11,254	1.17	13,667	1.42
1998	9,211	10,805	1.17	13,176	1.43
1999	9,006	10,372	1.15	12,858	1.43
2000	9,066	10,403	1.15	12,565	1.39
2001	8,747	10,060	1.15	12,134	1.39
2002	8,326	9,575	1.15	11,483	1.38
2003	7,702	8,877	1.15	10,645	1.38
2004	7,358	8,492	1.15	10,318	1.40
2005	6,871	7,931	1.15	9,685	1.41
2006	6,352	7,272	1.14	8,836	1.39
<b>2007</b>	<b>5,744</b>	<b>6,639</b>	<b>1.16</b>	...	...

Notes: 1) (A) as defined by the statistics prepared by the National Police Agency is the number of persons who died within 24 hours as the result of accidents by motor vehicles, trains, etc. on roads as stipulated in Article 2, Paragraph 1, Item 1 of the Road Traffic Law.

(B) is the number of persons who died within 30 days as the result of accidents. (A) is included in (B).

2) The death toll by the Health and Welfare statistics is from Outline of Demographic Research by the Ministry of Health, Labour and Welfare. The number of traffic accident fatalities as referred to in these statistics is the number of fatalities for the year in question where the original cause of death was a traffic accident (excluding those who died as a direct result of an accident or as a result of the injuries sustained more than 12 months after the accident occurred).

Until the end of 1994, the Health and Welfare statistics were based on the number of people involved in motor vehicle accidents. Since 1995, the statistics have been calculated by deducting the number of people who were not clearly involved in a road traffic accident such as railroad workers from those involved in some kind of transport accident on land.

# 11

## Traffic Accidents by Day or Night

Year	Traffic accidents		Fatal accidents		Fatal accident rate	
	Day	Night	Day	Night	Day	Night
1989	451,302	210,061	4,593	5,977	10.2	28.5
Component ratio	68.2	31.8	43.5	56.5		
1990	437,134	205,963	4,610	6,041	10.5	29.3
Component ratio	68.0	32.0	43.3	56.7		
1991	448,697	213,691	4,451	6,096	9.9	28.5
Component ratio	67.7	32.3	42.2	57.8		
1992	474,642	220,703	4,659	6,232	9.8	28.2
Component ratio	68.3	31.7	42.8	57.2		
1993	499,777	224,898	4,514	5,881	9.0	26.1
Component ratio	69.0	31.0	43.4	56.6		
1994	508,317	221,140	4,473	5,681	8.8	25.7
Component ratio	69.7	30.3	44.1	55.9		
1995	532,389	229,400	4,563	5,664	8.6	24.7
Component ratio	69.9	30.1	44.6	55.4		
1996	533,900	237,184	4,276	5,241	8.0	22.1
Component ratio	69.2	30.8	44.9	55.1		
1997	541,933	238,466	4,166	5,054	7.7	21.2
Component ratio	69.4	30.6	45.2	54.8		
1998	557,591	246,287	3,936	4,861	7.1	19.7
Component ratio	69.4	30.6	44.7	55.3		
1999	594,636	255,727	3,933	4,748	6.6	18.6
Component ratio	69.9	30.1	45.3	54.7		
2000	646,285	285,649	3,889	4,818	6.0	16.9
Component ratio	69.3	30.7	44.7	55.3		
2001	661,690	285,479	3,892	4,522	5.9	15.8
Component ratio	69.9	30.1	46.3	53.7		
2002	660,628	276,093	3,757	4,236	5.7	15.3
Component ratio	70.5	29.5	47.0	53.0		
2003	672,262	275,731	3,583	3,873	5.3	14.0
Component ratio	70.9	29.1	48.1	51.9		
2004	684,490	267,701	3,391	3,693	5.0	13.8
Component ratio	71.9	28.1	47.9	52.1		
2005	673,196	260,632	3,206	3,419	4.8	13.1
Component ratio	72.1	27.9	48.4	51.6		
2006	639,167	247,697	3,013	3,134	4.7	12.7
Component ratio	72.1	27.9	49.0	51.0		
<b>2007</b>	<b>611,679</b>	<b>220,775</b>	<b>2,800</b>	<b>2,787</b>	<b>4.6</b>	<b>12.6</b>
<b>Component ratio</b>	<b>73.5</b>	<b>26.5</b>	<b>50.1</b>	<b>49.9</b>		

Notes: 1) The number of fatal accidents is included in the number of traffic accidents.

2) Fatal accident rate is the ratio of fatal accidents per 1,000 traffic accidents.

# 12

## Ratio of Seat Belt Wearers

Survey year	Ratio of seat belt wearers (%)					
	General roads			Expressways		
	Driver	Passenger	Rear Seats	Driver	Passenger	Rear Seats
2002	88.1	75.2	6.7	97.1	90.6	9.3
2003	89.4	75.2	6.9	97.4	91.4	11.0
2004	90.7	78.5	7.5	97.3	91.3	11.5
2005	92.4	80.3	8.1	97.7	92.1	9.8
2006	93.8	83.4	7.5	98.2	93.0	12.7
<b>2007</b>	<b>95.0</b>	<b>86.3</b>	<b>8.8</b>	<b>98.5</b>	<b>93.5</b>	<b>13.5</b>

Note: Results of a nationwide survey conducted jointly by the National Police Agency and the Japan Automobile Federation (annually every October).

# 13

## Vehicle Occupant Fatalities by Seating Position and Seat Belt Use

		Year										
		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Seating position</b>												
<b>Drivers</b>												
	Seat belt used	1,056	977	1,080	1,220	1,132	1,104	995	955	976	809	766
	Seat belt not used	1,946	1,867	1,784	1,711	1,554	1,422	1,209	1,157	1,031	898	724
	Unknown	171	129	115	127	136	100	112	122	114	90	59
	<b>Total</b>	<b>3,173</b>	<b>2,973</b>	<b>2,979</b>	<b>3,058</b>	<b>2,822</b>	<b>2,626</b>	<b>2,316</b>	<b>2,234</b>	<b>2,121</b>	<b>1,797</b>	<b>1,549</b>
<b>Passengers</b>	<b>Front Seat</b>											
	Seat belt used	266	230	220	228	220	215	207	182	177	203	146
	Seat belt not used	416	382	312	299	318	256	202	171	152	140	102
	Unknown	28	15	19	30	23	12	9	17	14	11	9
	<b>Sub-total</b>	<b>710</b>	<b>627</b>	<b>551</b>	<b>557</b>	<b>561</b>	<b>483</b>	<b>418</b>	<b>370</b>	<b>343</b>	<b>354</b>	<b>257</b>
	<b>Rear Seat</b>											
	Seat belt used	14	18	21	21	25	18	21	34	25	21	26
	Seat belt not used	326	332	292	284	290	278	256	257	213	162	168
	Unknown	18	15	11	15	7	15	8	12	6	9	6
	<b>Sub-total</b>	<b>358</b>	<b>365</b>	<b>324</b>	<b>320</b>	<b>322</b>	<b>311</b>	<b>285</b>	<b>303</b>	<b>244</b>	<b>192</b>	<b>200</b>
	<b>Others</b>											
	Seat belt used	2	-	-	1	-	-	1	3	-	2	-
	Seat belt not used	8	7	18	17	5	17	8	7	14	10	7
	Unknown	-	-	-	-	1	1	-	1	-	4	-
	<b>Sub-total</b>	<b>10</b>	<b>7</b>	<b>18</b>	<b>18</b>	<b>6</b>	<b>18</b>	<b>9</b>	<b>11</b>	<b>14</b>	<b>16</b>	<b>7</b>
<b>Total</b>												
Seat belt used	282	248	241	250	245	233	229	219	202	226	172	
Seat belt not used	750	721	622	600	613	551	466	435	379	312	277	
Unknown	46	30	30	45	31	28	17	30	20	24	15	
<b>Sub-total</b>	<b>1,078</b>	<b>999</b>	<b>893</b>	<b>895</b>	<b>889</b>	<b>812</b>	<b>712</b>	<b>684</b>	<b>601</b>	<b>562</b>	<b>464</b>	
<b>Overall Total</b>												
Seat belt used	1,338	1,225	1,321	1,470	1,377	1,337	1,224	1,174	1,178	1,035	938	
Seat belt not used	2,696	2,588	2,406	2,311	2,167	1,973	1,675	1,592	1,410	1,210	1,001	
Unknown	217	159	145	172	167	128	129	152	134	114	74	
<b>Grand Total</b>	<b>4,251</b>	<b>3,972</b>	<b>3,872</b>	<b>3,953</b>	<b>3,711</b>	<b>3,438</b>	<b>3,028</b>	<b>2,918</b>	<b>2,722</b>	<b>2,359</b>	<b>2,013</b>	

# 14

## Vehicle Occupant Fatalities by Seating Position and Child Safety Seat Use

Year	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Seating position</b>												
<b>Front Seat</b>												
Child safety seat used	1	3	3	1	2	4	3	4	2	1	1	3
Child safety seat not used	17	15	16	13	11	10	12	9	14	6	7	4
Unknown	–	1	–	1	1	–	1	–	–	–	–	–
<b>Sub-total</b>	<b>18</b>	<b>19</b>	<b>19</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>16</b>	<b>13</b>	<b>16</b>	<b>7</b>	<b>8</b>	<b>7</b>
<b>Rear Seat</b>												
Child safety seat used	–	–	3	6	3	7	6	4	9	6	2	6
Child safety seat not used	21	14	28	8	9	21	11	13	15	8	11	8
Unknown	–	–	2	1	–	1	–	1	–	–	–	–
<b>Sub-total</b>	<b>21</b>	<b>14</b>	<b>33</b>	<b>15</b>	<b>12</b>	<b>29</b>	<b>17</b>	<b>18</b>	<b>24</b>	<b>14</b>	<b>13</b>	<b>14</b>
<b>Others</b>												
Child safety seat used	–	–	–	–	–	–	–	–	–	–	–	–
Child safety seat not used	2	1	–	3	–	1	2	–	1	–	–	–
Unknown	–	–	–	–	–	–	–	–	–	–	–	–
<b>Sub-total</b>	<b>2</b>	<b>1</b>	<b>–</b>	<b>3</b>	<b>–</b>	<b>1</b>	<b>2</b>	<b>–</b>	<b>1</b>	<b>–</b>	<b>–</b>	<b>–</b>
<b>Overall Total</b>												
Child safety seat used	1	3	6	7	5	11	9	8	11	7	3	9
Child safety seat not used	40	30	44	24	20	32	25	22	30	14	18	12
Unknown	–	1	2	2	1	1	1	1	–	–	–	–
<b>Grand Total</b>	<b>41</b>	<b>34</b>	<b>52</b>	<b>33</b>	<b>26</b>	<b>44</b>	<b>35</b>	<b>31</b>	<b>41</b>	<b>21</b>	<b>21</b>	<b>21</b>

## III. TRAFFIC ACCIDENTS AND CASUALTIES IN 2007

## Section 1 TRAFFIC ACCIDENTS

## Traffic Accidents and Casualties by Month

Month	Accidents	Accidents per day	Compared with 2006		Fatalities	Fatalities per day	Compared with 2007	
			Change	Percentage change			Change	Percentage change
January	63,523	2,049	-4,732	-6.9	491	16	-38	-7.2
February	63,656	2,273	-4,023	-5.9	448	16	24	5.7
March	71,805	2,316	-4,959	-6.5	449	14	-99	-18.1
April	68,612	2,287	-2,931	-4.1	420	14	-64	-13.2
May	69,493	2,242	-2,579	-3.6	426	14	-45	-9.6
June	69,240	2,308	-2,664	-3.7	420	14	-46	-9.9
July	71,457	2,305	-5,198	-6.8	470	15	-54	-10.3
August	72,619	2,343	-3,285	-4.3	523	17	-40	-7.1
September	66,497	2,217	-3,559	-5.1	473	16	-31	-6.2
October	71,405	2,303	-3,626	-4.8	547	18	0	0.0
November	70,643	2,355	-6,326	-8.2	507	17	-137	-21.3
December	73,504	2,371	-10,528	-12.5	570	18	-78	-12.0
<b>Total</b>	<b>832,454</b>	<b>2,281</b>	<b>-54,410</b>	<b>-6.1</b>	<b>5,744</b>	<b>16</b>	<b>-608</b>	<b>-9.6</b>

Month	Injuries	Injuries per day	Compared with 2006		Serious injuries	Serious injuries per day	Compared with 2007	
			Change	Percentage change			Change	Percentage change
January	79,097	2,552	-6,026	-7.1	4,597	148	-184	-3.8
February	78,612	2,808	-4,374	-5.3	4,573	163	-127	-2.7
March	89,725	2,894	-5,274	-5.6	5,051	163	-295	-5.5
April	85,176	2,839	-3,251	-3.7	5,102	170	17	0.3
May	86,257	2,782	-3,601	-4.0	5,059	163	-181	-3.5
June	85,464	2,849	-2,742	-3.1	4,925	164	-96	-1.9
July	89,656	2,892	-6,262	-6.5	5,121	165	-130	-2.5
August	93,693	3,022	-3,835	-3.9	5,369	173	-468	-8.0
September	82,873	2,762	-3,047	-3.5	4,840	161	-268	-5.2
October	87,421	2,820	-4,406	-4.8	5,311	171	-272	-4.9
November	86,598	2,887	-7,824	-8.3	5,513	184	-433	-7.3
December	89,873	2,899	-13,112	-12.7	5,549	179	-675	-10.8
<b>Total</b>	<b>1,034,445</b>	<b>2,834</b>	<b>-63,754</b>	<b>-5.8</b>	<b>61,010</b>	<b>167</b>	<b>-3,112</b>	<b>-4.9</b>

Note: The number of serious injuries is included in the number of injuries.

# 16

## Traffic Accidents by Day of Week and Time

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
Time								
0–2	1,774	1,866	2,055	2,055	2,139	2,921	2,940	<b>15,750</b>
2–4	969	1,117	1,243	1,262	1,353	1,970	1,893	<b>9,807</b>
4–6	1,593	1,686	1,688	1,729	1,818	2,171	1,908	<b>12,593</b>
6–8	12,678	13,281	13,198	13,239	13,093	7,121	3,974	<b>76,584</b>
8–10	18,713	20,232	19,659	19,903	20,347	13,364	9,066	<b>121,284</b>
10–12	14,441	14,540	13,861	13,834	14,965	15,082	12,334	<b>99,057</b>
12–14	13,337	12,599	12,453	12,454	13,343	14,463	12,259	<b>90,908</b>
14–16	15,240	13,868	14,381	14,023	14,592	14,673	14,155	<b>100,932</b>
16–18	18,775	19,410	19,161	18,721	20,195	17,561	14,522	<b>128,345</b>
18–20	14,694	15,728	15,838	15,325	17,254	13,314	9,462	<b>101,615</b>
20–22	6,550	6,939	6,805	6,807	7,887	6,900	5,460	<b>47,348</b>
22–24	3,492	3,705	3,812	3,790	4,999	4,864	3,569	<b>28,231</b>
<b>Total</b>	<b>122,256</b>	<b>124,971</b>	<b>124,154</b>	<b>123,142</b>	<b>131,985</b>	<b>114,404</b>	<b>91,542</b>	<b>832,454</b>
Component ratio	14.7	15.0	14.9	14.8	15.9	13.7	11.0	<b>100.0</b>
Accidents per day	2,307	2,403	2,388	2,368	2,538	2,200	1,760	<b>2,281</b>

# 17

## Traffic Accidents by Type of Road and Day or Night

Day or night	Day	Component ratio	Night	Component ratio	Total	Component ratio	Accidents per 1km of road length
Type of road							
National highways	132,668	21.7	58,159	26.3	<b>190,827</b>	<b>22.9</b>	3.51
Principal local roads	93,694	15.3	38,893	17.6	<b>132,587</b>	<b>15.9</b>	2.29
General prefectural roads	62,381	10.2	23,767	10.8	<b>86,148</b>	<b>10.3</b>	1.21
Municipal roads	293,040	47.9	89,770	40.7	<b>382,810</b>	<b>46.0</b>	0.38
National expressways	4,245	0.7	2,037	0.9	<b>6,282</b>	<b>0.8</b>	0.85
Motorways	4,957	0.8	1,935	0.9	<b>6,892</b>	<b>0.8</b>	—
Roads authorized by Road Transport Law	165	0.0	49	0.0	<b>214</b>	<b>0.0</b>	—
Farm roads	1,185	0.2	274	0.1	<b>1,459</b>	<b>0.2</b>	—
Forest roads	147	0.0	16	0.0	<b>163</b>	<b>0.0</b>	—
Harbor roads	772	0.1	230	0.1	<b>1,002</b>	<b>0.1</b>	—
Private roads	844	0.1	198	0.1	<b>1,042</b>	<b>0.1</b>	—
Others	17,581	2.9	5,447	2.5	<b>23,028</b>	<b>2.8</b>	—
<b>Total</b>	<b>611,679</b>	<b>100.0</b>	<b>220,775</b>	<b>100.0</b>	<b>832,454</b>	<b>100.0</b>	—

Notes: 1) Calculations for road length are based on data from statistics by the Ministry of Land, Infrastructure and Transport as of April 1, 2006.

2) National highways, principal local roads, general prefectural roads, and municipal roads do not include motorways (roads for exclusive use of cars).

# 18

## Traffic Accidents by Road Width and Day or Night

		Day or night		Day	Component ratio	Night	Component ratio	Total	Component ratio	
		Day	Night							
Road width										
Non-intersection area (including near intersections and railway crossings)	Less than 3.5m			17,102	2.8	5,021	2.3	<b>22,123</b>	<b>2.7</b>	
	3.5m and wider			42,894	7.0	12,791	5.8	<b>55,685</b>	<b>6.7</b>	
	5.5m and wider			159,684	26.1	58,620	26.6	<b>218,304</b>	<b>26.2</b>	
	9.0m and wider			56,719	9.3	23,999	10.9	<b>80,718</b>	<b>9.7</b>	
	13.0m and wider			37,046	6.1	17,430	7.9	<b>54,476</b>	<b>6.5</b>	
	19.5m and wider			10,800	1.8	5,050	2.3	<b>15,850</b>	<b>1.9</b>	
	<b>Sum-total</b>			<b>324,245</b>	<b>53.0</b>	<b>122,911</b>	<b>55.7</b>	<b>447,156</b>	<b>53.7</b>	
Intersection area	Primary Party	Small (under 5.5m)								
		Secondary Party								
		Small			48,430	7.9	9,698	4.4	<b>58,128</b>	<b>7.0</b>
		Medium			48,655	8.0	12,975	5.9	<b>61,630</b>	<b>7.4</b>
		Large			9,735	1.6	3,288	1.5	<b>13,023</b>	<b>1.6</b>
		<b>Sub-total</b>			<b>106,820</b>	<b>17.5</b>	<b>25,961</b>	<b>11.8</b>	<b>132,781</b>	<b>16.0</b>
	Secondary Party	Medium (more than 5.5m)								
		Secondary Party								
		Small			26,471	4.3	8,353	3.8	<b>34,824</b>	<b>4.2</b>
		Medium			91,786	15.0	33,662	15.2	<b>125,448</b>	<b>15.1</b>
		Large			13,665	2.2	6,752	3.1	<b>20,417</b>	<b>2.5</b>
		<b>Sub-total</b>			<b>131,922</b>	<b>21.6</b>	<b>48,767</b>	<b>22.1</b>	<b>180,689</b>	<b>21.7</b>
	Large (more than 13.0m)	Secondary Party								
		Small			6,026	1.0	2,837	1.3	<b>8,863</b>	<b>1.1</b>
		Medium			13,072	2.1	7,148	3.2	<b>20,220</b>	<b>2.4</b>
Large				11,427	1.9	7,433	3.4	<b>18,860</b>	<b>2.3</b>	
<b>Sub-total</b>				<b>30,525</b>	<b>5.0</b>	<b>17,418</b>	<b>7.9</b>	<b>47,943</b>	<b>5.8</b>	
<b>Sum-total</b>				<b>269,267</b>	<b>44.0</b>	<b>92,146</b>	<b>41.7</b>	<b>361,413</b>	<b>43.4</b>	
Others				18,167	3.0	5,718	2.6	<b>23,885</b>	<b>2.9</b>	
<b>Grand Total</b>				<b>611,679</b>	<b>100.0</b>	<b>220,775</b>	<b>100.0</b>	<b>832,454</b>	<b>100.0</b>	

Notes: 1) Road width refers to the total width of the entire roadway (in both directions) and the roadway alone, irrespective of type of road or the presence of medians. However, where the inbound and outbound lanes of national expressways or motorways are divided completely by medians or tunnels, road width is the sum of the widths of the inbound and outbound roadways excluding the medians.

2) "Others" include national expressway service areas and plaza roads whose width is difficult to measure accurately.

# 19

## Traffic Accidents by Location, Type of Road and Day or Night

Day or night		Day	Component ratio	Night	Component ratio	Total	Component ratio
Urban area	Intersection area						
	With signal	74,234	12.1	39,884	18.1	114,118	13.7
	Without signal	134,832	22.0	36,240	16.4	171,072	20.6
	<b>Sub-total</b>	<b>209,066</b>	<b>34.2</b>	<b>76,124</b>	<b>34.5</b>	<b>285,190</b>	<b>34.3</b>
	Near intersection	53,696	8.8	23,113	10.5	76,809	9.2
	Non-intersection area						
	Tunnel	807	0.1	198	0.1	1,005	0.1
	Bridge	2,608	0.4	1,054	0.5	3,662	0.4
	Curve or bend	8,349	1.4	2,969	1.3	11,318	1.4
	Other roadways	163,538	26.7	62,672	28.4	226,210	27.2
	<b>Total</b>	<b>175,302</b>	<b>28.7</b>	<b>66,893</b>	<b>30.3</b>	<b>242,195</b>	<b>29.1</b>
	Railroad crossing	167	0.0	58	0.0	225	0.0
	Other areas	12,330	2.0	4,213	1.9	16,543	2.0
	<b>Sum-total</b>	<b>450,561</b>	<b>73.7</b>	<b>170,401</b>	<b>77.2</b>	<b>620,962</b>	<b>74.6</b>
	Non-urban areas	Intersection area					
With signal		14,282	2.3	6,712	3.0	20,994	2.5
Without signal		45,919	7.5	9,310	4.2	55,229	6.6
<b>Sub-total</b>		<b>60,201</b>	<b>9.8</b>	<b>16,022</b>	<b>7.3</b>	<b>76,223</b>	<b>9.2</b>
Near intersection		18,304	3.0	6,180	2.8	24,484	2.9
Non-intersection area							
Tunnel		957	0.2	193	0.1	1,150	0.1
Bridge		1,621	0.3	700	0.3	2,321	0.3
Curve or bend		13,397	2.2	4,055	1.8	17,452	2.1
Other roadways		60,734	9.9	21,700	9.8	82,434	9.9
<b>Total</b>		<b>76,709</b>	<b>12.5</b>	<b>26,648</b>	<b>12.1</b>	<b>103,357</b>	<b>12.4</b>
Railroad crossing		67	0.0	19	0.0	86	0.0
Other areas		5,837	1.0	1,505	0.7	7,342	0.9
<b>Sum-total</b>		<b>161,118</b>	<b>26.3</b>	<b>50,374</b>	<b>22.8</b>	<b>211,492</b>	<b>25.4</b>
Total		Intersection area					
	With signal	88,516	14.5	46,596	21.1	135,112	16.2
	Without signal	180,751	29.5	45,550	20.6	226,301	27.2
	<b>Sub-total</b>	<b>269,267</b>	<b>44.0</b>	<b>92,146</b>	<b>41.7</b>	<b>361,413</b>	<b>43.4</b>
	Near intersection	72,000	11.8	29,293	13.3	101,293	12.2
	Non-intersection area						
	Tunnel	1,764	0.3	391	0.2	2,155	0.3
	Bridge	4,229	0.7	1,754	0.8	5,983	0.7
	Curve or bend	21,746	3.6	7,024	3.2	28,770	3.5
	Other roadways	224,272	36.7	84,372	38.2	308,644	37.1
	<b>Total</b>	<b>252,011</b>	<b>41.2</b>	<b>93,541</b>	<b>42.4</b>	<b>345,552</b>	<b>41.5</b>
	Railroad crossing	234	0.0	77	0.0	311	0.0
	Other areas	18,167	3.0	5,718	2.6	23,885	2.9
	<b>Grand Total</b>	<b>611,679</b>	<b>100.0</b>	<b>220,775</b>	<b>100.0</b>	<b>832,454</b>	<b>100.0</b>

Notes: 1) Accidents at railroad crossings include accidents in which trains were not involved.

2) "Other areas" include national expressway service areas and plaza roads whose width is difficult to measure accurately.

3) "Without signal" includes intersections with inoperable signals.

# 20

## Traffic Accidents by Type of Accident and Day or Night

		Day or night						
Type of accident		Day	Component ratio	Night	Component ratio	Total	Component ratio	
Person to vehicle	Facing vehicle							
	On the sidewalk	318	0.1	197	0.1	515	0.1	
	On the road shoulder	217	0.0	144	0.1	361	0.0	
	On the roadway	1,417	0.2	1,057	0.5	2,474	0.3	
	At the intersection	295	0.0	260	0.1	555	0.1	
	Others	232	0.0	152	0.1	384	0.0	
	<b>Sub-total</b>	<b>2,479</b>	<b>0.4</b>	<b>1,810</b>	<b>0.8</b>	<b>4,289</b>	<b>0.5</b>	
	Back to vehicle							
	On the sidewalk	364	0.1	123	0.1	487	0.1	
	On the road shoulder	355	0.1	219	0.1	574	0.1	
	On the roadway	2,579	0.4	1,850	0.8	4,429	0.5	
	At the intersection	269	0.0	174	0.1	443	0.1	
	Others	771	0.1	227	0.1	998	0.1	
	<b>Sub-total</b>	<b>4,338</b>	<b>0.7</b>	<b>2,593</b>	<b>1.2</b>	<b>6,931</b>	<b>0.8</b>	
	While crossing the road							
	On the pedestrian crossing	11,594	1.9	8,101	3.7	19,695	2.4	
	In the vicinity of pedestrian crossing	1,373	0.2	1,101	0.5	2,474	0.3	
	In the vicinity of pedestrian bridge	169	0.0	107	0.0	276	0.0	
	Others	12,334	2.0	7,025	3.2	19,359	2.3	
	<b>Sub-total</b>	<b>25,470</b>	<b>4.2</b>	<b>16,334</b>	<b>7.4</b>	<b>41,804</b>	<b>5.0</b>	
	While playing on road	750	0.1	85	0.0	835	0.1	
While working on road	1,003	0.2	265	0.1	1,268	0.2		
While standing on road	1,021	0.2	612	0.3	1,633	0.2		
Others	11,512	1.9	4,887	2.2	16,399	2.0		
<b>Total</b>	<b>46,573</b>	<b>7.6</b>	<b>26,586</b>	<b>12.0</b>	<b>73,159</b>	<b>8.8</b>		
Vehicle to vehicle	Head-on collision							
	While passing or overtaking	273	0.0	123	0.1	396	0.0	
	Others	15,688	2.6	4,983	2.3	20,671	2.5	
	<b>Sub-total</b>	<b>15,961</b>	<b>2.6</b>	<b>5,106</b>	<b>2.3</b>	<b>21,067</b>	<b>2.5</b>	
	Rear-end collision							
	While moving	23,445	3.8	9,735	4.4	33,180	4.0	
	While parked or stopped	167,218	27.3	60,570	27.4	227,788	27.4	
	<b>Sub-total</b>	<b>190,663</b>	<b>31.2</b>	<b>70,305</b>	<b>31.8</b>	<b>260,968</b>	<b>31.3</b>	
	Frontal collision	178,793	29.2	45,662	20.7	224,455	27.0	
	Collision while passing or overtaking	8,929	1.5	2,543	1.2	11,472	1.4	
	Collision while changing lanes	8,910	1.5	3,728	1.7	12,638	1.5	
	Collision while passing each other	6,315	1.0	1,972	0.9	8,287	1.0	
	Collision while turning left	32,432	5.3	9,257	4.2	41,689	5.0	
	Collision while turning right	49,950	8.2	25,544	11.6	75,494	9.1	
	Collision while crossing a road	3,895	0.6	1,378	0.6	5,273	0.6	
	Collision while turning around	2,375	0.4	1,498	0.7	3,873	0.5	
	Collision while backing up	15,170	2.5	4,387	2.0	19,557	2.3	
	Others	23,038	3.8	8,280	3.8	31,318	3.8	
	<b>Total</b>	<b>536,431</b>	<b>87.7</b>	<b>179,660</b>	<b>81.4</b>	<b>716,091</b>	<b>86.0</b>	
	Vehicle alone	Collision with structures						
		Light pole	2,143	0.4	1,332	0.6	3,475	0.4
Road sign		513	0.1	353	0.2	866	0.1	
Central reserve/median strip		639	0.1	643	0.3	1,282	0.2	
Guard fence, etc.		3,405	0.6	2,184	1.0	5,589	0.7	
House and wall		1,601	0.3	772	0.3	2,373	0.3	
Bridge and pier		253	0.0	181	0.1	434	0.1	
Others		2,938	0.5	1,674	0.8	4,612	0.6	
<b>Sub-total</b>		<b>11,492</b>	<b>1.9</b>	<b>7,139</b>	<b>3.2</b>	<b>18,631</b>	<b>2.2</b>	
Collision with parked vehicle		935	0.2	737	0.3	1,672	0.2	
Running off the road								
Rolling down		1,314	0.2	675	0.3	1,989	0.2	
Others		851	0.1	445	0.2	1,296	0.2	
<b>Sub-total</b>		<b>2,165</b>	<b>0.4</b>	<b>1,120</b>	<b>0.5</b>	<b>3,285</b>	<b>0.4</b>	
Turning over		9,786	1.6	3,567	1.6	13,353	1.6	
Others	4,221	0.7	1,946	0.9	6,167	0.7		
<b>Total</b>	<b>28,599</b>	<b>4.7</b>	<b>14,509</b>	<b>6.6</b>	<b>43,108</b>	<b>5.2</b>		
Train	76	0.0	20	0.0	96	0.0		
<b>Grand Total</b>	<b>611,679</b>	<b>100.0</b>	<b>220,775</b>	<b>100.0</b>	<b>832,454</b>	<b>100.0</b>		

Note: "Train" indicates accidents at railroad crossings that involved trains.

## Traffic Accidents Involving Primary Parties

Primary party vehicle type	Accidents	Component ratio	Compared with 2006		Number of motor vehicles registered	Accidents per 10,000 motor vehicles	
			Change	Percentage change			
Private vehicle	Passenger car						
	Bus	107	0.0	2	1.9	24,051	44.5
	Minibus	693	0.1	-61	-8.1	99,314	69.8
	Ordinary	398,634	47.9	-36,782	-8.4	41,419,945	96.2
	Light	151,272	18.2	1,633	1.1	-	-
	<b>Sub-total</b>	<b>550,706</b>	<b>66.2</b>	<b>-35,208</b>	<b>-6.0</b>	<b>41,543,310</b>	<b>132.6</b>
	Truck						
	Large-sized	1,248	0.1	-31	-2.4	5,798,089	106.6
	Medium-sized	5,558	0.7	-6,145	-9.3		
	Ordinary	54,666	6.6				
	Trailer	352	0.0	14	4.1		
	Light	59,917	7.2	-4,576	-7.1		
	<b>Sub-total*</b>	<b>121,741</b>	<b>14.6</b>	<b>-10,738</b>	<b>-8.1</b>	<b>5,798,089</b>	<b>106.6</b>
	<b>Total*</b>	<b>672,447</b>	<b>80.8</b>	<b>-45,946</b>	<b>-6.4</b>	<b>47,341,399</b>	<b>129.4</b>
Commercial vehicle	Passenger car						
	Bus	3,235	0.4	-124	-3.7	85,570	378.1
	Minibus	414	0.0	-124	-23.0	21,993	188.2
	Ordinary	25,737	3.1	-967	-3.6	273,327	941.6
	Light	482	0.1	482	-	-	-
	<b>Sub-total</b>	<b>29,868</b>	<b>3.6</b>	<b>-733</b>	<b>-2.4</b>	<b>380,890</b>	<b>784.2</b>
	Truck						
	Large-sized	5,593	0.7	-353	-5.9	1,136,629	240.6
	Medium-sized	8,306	1.0	-2,671	-12.0		
	Ordinary	11,256	1.4				
	Trailer	2,194	0.3	62	2.9		
	Light	4,656	0.6	27	0.6		
	<b>Sub-total*</b>	<b>32,005</b>	<b>3.8</b>	<b>-2,935</b>	<b>-8.4</b>	<b>1,136,629</b>	<b>240.6</b>
	<b>Total*</b>	<b>61,873</b>	<b>7.4</b>	<b>-3,668</b>	<b>-5.6</b>	<b>1,517,519</b>	<b>377.0</b>
Minicar	66	0.0	-6	-8.3	-	-	
Special vehicle	Agricultural	156	0.0	-18	-10.3	2,590,151	2.3
	Large-sized	242	0.0	-87	-26.4		
	Small-sized	206	0.0	-42	-16.9		
	<b>Total</b>	<b>604</b>	<b>0.1</b>	<b>-147</b>	<b>-19.6</b>		
Light passenger vehicle*	151,754	18.2	2,115	1.4	15,931,025	95.3	
Special light truck*	64,573	7.8	-4,549	-6.6	9,496,641	68.0	
Special purpose vehicle	-	-	-	-	1,259,414	-	
<b>Sum-total</b>	<b>734,990</b>	<b>88.3</b>	<b>-49,767</b>	<b>-6.3</b>	<b>78,136,149</b>	<b>94.1</b>	
2-wheeled vehicle	Motorcycle						
	Small-sized motorcycle	5,886	0.7	-145	-2.4	1,501,287	39.2
	Light motorcycle	6,742	0.8	-73	-1.1	1,996,907	33.8
	Moped 2nd class	5,959	0.7	-165	-2.7	1,397,085	42.7
	<b>Sub-total</b>	<b>18,587</b>	<b>2.2</b>	<b>-383</b>	<b>-2.0</b>	<b>4,895,279</b>	<b>38.0</b>
	Moped 1st class	33,562	4.0	-1,621	-4.6	8,134,692	41.3
<b>Total</b>	<b>52,149</b>	<b>6.3</b>	<b>-2,004</b>	<b>-3.7</b>	<b>13,029,971</b>	<b>40.0</b>	
<b>Total of above</b>	<b>787,139</b>	<b>94.6</b>	<b>-51,771</b>	<b>-6.2</b>	<b>91,166,120</b>	<b>86.3</b>	
Bicycles	Bicycle	26,923	3.2	-199	-0.7	-	-
	Motor-assisted bicycle	150	0.0	22	17.2		
	<b>Total</b>	<b>27,073</b>	<b>3.3</b>	<b>-177</b>	<b>-0.6</b>		
Other vehicles	43	0.0	-4	-8.5			
Pedestrians	3,018	0.4	-291	-8.8			
Unknown	15,181	1.8	-2,167	-12.5			
<b>Grand Total</b>	<b>832,454</b>	<b>100.0</b>	<b>-54,410</b>	<b>-6.1</b>	<b>-</b>	<b>-</b>	

- Notes: 1) Accidents for special purpose vehicles are accounted for among passenger car and truck figures for each primary party vehicle type.  
2) Because the number of light trucks registered among all light vehicles cannot be broken down by private and commercial, their number has been accounted for under "special light truck" where the number of accidents listed duplicates those listed elsewhere.  
3) The number of registered vehicles is based on Motor Vehicles Owned, published monthly by the Ministry of Land, Infrastructure and Transport (as of December 2007). However, figures for moped second class, moped first class and small-sized special vehicles (including minicars) were compiled by the Ministry of Internal Affairs and Communication (as of 1 April 2007).

# 22

## Traffic Accidents by Driver Age and Type of Violation Involving Primary Parties (Motor Vehicle and Moped 1st Class)

		Driver age				
		15 and under	16-19	20-24	25-29	30-39
Type of violation						
	Disregarding traffic signal	23	1,441	3,030	2,250	4,034
	Road or lane infringement	4	449	834	525	831
	Speeding	1	538	979	536	833
	Improper crossing or turning around	1	243	660	639	1,292
	Driving too close to vehicle ahead	1	336	1,167	861	1,562
	Improper overtaking	–	155	292	181	345
	Failure to stop at railway crossing	–	3	6	1	11
	Improper right turn	1	180	392	295	610
	Improper left turn	–	145	534	495	1,196
	Impeding priority traffic	2	673	1,575	1,260	2,494
	Improper driving at intersection	5	1,292	3,783	3,792	8,231
	Impeding pedestrians	–	347	1,173	1,174	2,809
	Failure to slow down	7	521	1,298	1,278	2,953
	Failure to stop	24	1,927	3,843	3,175	6,268
	Operating defective vehicle	–	6	23	15	32
	Drunk driving	–	4	34	42	88
Fatigue, etc.	Driving under the influence of drugs	–	2	5	7	20
	Driving while fatigued	–	48	114	55	67
Violation of safe driving practices	Improper steering and/or braking	30	3,529	7,792	5,295	9,325
	Careless driving	2	2,739	8,832	6,354	10,295
	Not keeping eyes on the road	20	6,916	20,406	15,853	28,096
	Failure to confirm traffic movement	7	3,953	12,851	10,748	19,630
	Failure to make safety check	39	7,659	24,712	23,402	51,917
	Driving at unsafe speed	4	683	1,310	1,024	1,744
	Others	5	503	1,182	996	2,023
	Others	4	388	1,150	1,103	2,572
	Unknown	1	45	103	96	157
<b>Total</b>		<b>181</b>	<b>34,725</b>	<b>98,080</b>	<b>81,452</b>	<b>159,435</b>

<b>40-49</b>	<b>50-59</b>	<b>60-64</b>	<b>65-69</b>	<b>70-74</b>	<b>75-79</b>	<b>80 and over</b>	<b>Total</b>
3,254	4,268	1,909	1,583	1,220	892	541	<b>24,445</b>
659	836	348	295	240	176	112	<b>5,309</b>
518	395	122	92	56	31	11	<b>4,112</b>
985	1,172	559	392	262	173	93	<b>6,471</b>
911	933	299	242	166	96	46	<b>6,620</b>
281	297	117	76	57	55	25	<b>1,881</b>
8	12	3	5	7	3	3	<b>62</b>
490	628	259	216	170	124	57	<b>3,422</b>
903	1,014	425	296	175	122	34	<b>5,339</b>
1,950	2,523	1,082	970	753	526	350	<b>14,158</b>
6,888	7,878	3,588	2,700	1,841	1,071	561	<b>41,630</b>
2,478	2,815	1,293	965	663	385	179	<b>14,281</b>
2,292	2,474	939	671	378	229	89	<b>13,129</b>
5,005	6,544	3,132	2,550	2,024	1,379	855	<b>36,726</b>
17	21	9	8	6	1	–	<b>138</b>
82	98	27	11	7	2	1	<b>396</b>
11	6	4	3	1	–	–	<b>59</b>
50	59	23	22	20	17	5	<b>480</b>
7,114	7,816	3,510	2,929	2,303	1,716	1,026	<b>52,385</b>
7,291	7,879	2,851	2,162	1,814	1,267	770	<b>52,256</b>
19,246	19,225	7,038	5,297	3,671	2,355	1,220	<b>129,343</b>
13,438	13,681	5,077	3,866	2,739	1,572	847	<b>88,409</b>
41,035	47,937	20,397	15,754	10,660	5,958	3,137	<b>252,607</b>
1,207	1,324	394	331	223	125	73	<b>8,442</b>
1,478	1,773	718	556	405	285	191	<b>10,115</b>
2,231	2,832	1,289	1,006	643	368	165	<b>13,751</b>
441	136	54	42	52	22	24	<b>1,173</b>
<b>120,263</b>	<b>134,576</b>	<b>55,466</b>	<b>43,040</b>	<b>30,556</b>	<b>18,950</b>	<b>10,415</b>	<b>787,139</b>

# 23

## Traffic Accidents by Age Group Involving Primary Parties

Age group	Motor vehicles, etc.					Bicycle	Pedestrian	Others	Total
	Motor vehicles	Motor-cycle	Moped 1st class	Sub-total	Accidents per number of driver's licence holders				
15 and under									
6 and under	–	–	–	–	–	309	494	–	803
7–12	2	–	3	5	–	3,275	752	–	4,032
13–15	24	16	136	176	–	3,037	95	–	3,308
<b>Sub-total</b>	<b>26</b>	<b>16</b>	<b>139</b>	<b>181</b>	<b>–</b>	<b>6,621</b>	<b>1,341</b>	<b>–</b>	<b>8,143</b>
16–24									
16–19	25,025	2,647	7,053	34,725	272.1	4,176	77	3	38,981
20–24	89,097	3,824	5,159	98,080	167.7	1,908	123	4	100,115
<b>Sub-total</b>	<b>114,122</b>	<b>6,471</b>	<b>12,212</b>	<b>132,805</b>	<b>186.4</b>	<b>6,084</b>	<b>200</b>	<b>7</b>	<b>139,096</b>
25–64									
25–29	76,457	2,355	2,640	81,452	112.9	1,309	115	4	82,880
30–34	77,680	2,221	2,212	82,113	93.1	1,235	113	10	83,471
35–39	73,598	1,881	1,843	77,322	85.7	1,134	123	5	78,584
40–44	60,649	1,444	1,519	63,612	82.0	942	89	2	64,645
45–49	54,251	1,040	1,360	56,651	79.9	842	94	4	57,591
50–54	55,710	778	1,561	58,049	83.2	899	99	3	59,050
55–59	73,357	723	2,447	76,527	90.5	1,363	129	2	78,021
60–64	52,941	494	2,031	55,466	87.0	1,286	117	1	56,870
<b>Sub-total</b>	<b>524,643</b>	<b>10,936</b>	<b>15,613</b>	<b>551,192</b>	<b>89.3</b>	<b>9,010</b>	<b>879</b>	<b>31</b>	<b>561,112</b>
65 and over									
65–69	40,646	391	2,003	43,040	87.6	1,519	158	1	44,718
70–74	28,603	346	1,607	30,556	91.8	1,553	142	–	32,251
75–79	17,521	242	1,187	18,950	102.1	1,167	137	1	20,255
80 and over	9,429	185	801	10,415	106.8	1,119	161	3	11,698
<b>Sub-total</b>	<b>96,199</b>	<b>1,164</b>	<b>5,598</b>	<b>102,961</b>	<b>93.0</b>	<b>5,358</b>	<b>598</b>	<b>5</b>	<b>108,922</b>
<b>Total</b>	<b>734,990</b>	<b>18,587</b>	<b>33,562</b>	<b>787,139</b>	<b>98.5</b>	<b>27,073</b>	<b>3,018</b>	<b>43</b>	<b>817,273</b>
<b>Total for 20's</b>	<b>165,554</b>	<b>6,179</b>	<b>7,799</b>	<b>179,532</b>	<b>137.4</b>	<b>3,217</b>	<b>238</b>	<b>8</b>	<b>182,995</b>
<b>Total for 30's</b>	<b>151,278</b>	<b>4,102</b>	<b>4,055</b>	<b>159,435</b>	<b>89.4</b>	<b>2,369</b>	<b>236</b>	<b>15</b>	<b>162,055</b>
<b>Total for 40's</b>	<b>114,900</b>	<b>2,484</b>	<b>2,879</b>	<b>120,263</b>	<b>81.0</b>	<b>1,784</b>	<b>183</b>	<b>6</b>	<b>122,236</b>
<b>Total for 50's</b>	<b>129,067</b>	<b>1,501</b>	<b>4,008</b>	<b>134,576</b>	<b>87.2</b>	<b>2,262</b>	<b>228</b>	<b>5</b>	<b>137,071</b>
<b>Total for 60's</b>	<b>93,587</b>	<b>885</b>	<b>4,034</b>	<b>98,506</b>	<b>87.3</b>	<b>2,805</b>	<b>275</b>	<b>2</b>	<b>101,588</b>
<b>Total for 70's</b>	<b>46,124</b>	<b>588</b>	<b>2,794</b>	<b>49,506</b>	<b>95.5</b>	<b>2,720</b>	<b>279</b>	<b>1</b>	<b>52,506</b>

Notes: 1) "Accidents per number of driver's licence holders" is the number per 10,000 licence holders of the sub-total of motor vehicles, etc.  
 2) Unknown (15,181 accidents) are not included.

## Traffic Accidents by the Driving Experience of Primary Parties (Motor Vehicle and Moped 1st Class)

Driving experience		Less than 1 year	Less than 2 years	Less than 3 years	Less than 4 years	Less than 5 years	Less than 10 years	10 years or more	Unlicensed or unknown	Total
The primary party										
Commercial vehicle	Passenger car									
	Bus	74	97	103	101	113	404	2,343	–	3,235
	Minibus	7	8	15	12	12	51	309	–	414
	Ordinary	766	610	607	534	686	2,281	20,250	3	25,737
	Light	38	42	30	18	28	55	270	1	482
	<b>Sub-total</b>	<b>885</b>	<b>757</b>	<b>755</b>	<b>665</b>	<b>839</b>	<b>2,791</b>	<b>23,172</b>	<b>4</b>	<b>29,868</b>
	Truck									
	Large-sized	55	57	80	67	121	707	4,506	–	5,593
	Medium-sized	102	197	217	149	241	1,136	6,260	4	8,306
	Ordinary	233	310	334	305	431	1,619	8,018	6	11,256
	Light	66	63	78	58	98	350	3,939	4	4,656
	Trailer	26	23	38	24	51	249	1,782	1	2,194
	<b>Sub-total</b>	<b>482</b>	<b>650</b>	<b>747</b>	<b>603</b>	<b>942</b>	<b>4,061</b>	<b>24,505</b>	<b>15</b>	<b>32,005</b>
	<b>Total</b>	<b>1,367</b>	<b>1,407</b>	<b>1,502</b>	<b>1,268</b>	<b>1,781</b>	<b>6,852</b>	<b>47,677</b>	<b>19</b>	<b>61,873</b>
	Private vehicle	Passenger car								
Bus		–	1	–	–	1	12	93	–	107
Minibus		5	4	10	5	7	44	617	1	693
Ordinary		15,504	14,719	14,193	11,414	14,682	53,792	272,731	1,599	398,634
Light		11,172	9,783	8,121	5,990	6,617	20,515	88,552	522	151,272
<b>Sub-total</b>		<b>26,681</b>	<b>24,507</b>	<b>22,324</b>	<b>17,409</b>	<b>21,307</b>	<b>74,363</b>	<b>361,993</b>	<b>2,122</b>	<b>550,706</b>
Truck										
Large-sized		8	12	12	8	18	99	1,089	2	1,248
Medium-sized		93	156	131	123	158	774	4,111	12	5,558
Ordinary		1,106	1,442	1,528	1,378	2,041	7,938	39,054	179	54,666
Light		1,482	1,350	1,349	1,036	1,381	5,199	47,829	291	59,917
Trailer		4	8	6	6	7	64	257	–	352
<b>Sub-total</b>		<b>2,693</b>	<b>2,968</b>	<b>3,026</b>	<b>2,551</b>	<b>3,605</b>	<b>14,074</b>	<b>92,340</b>	<b>484</b>	<b>121,741</b>
<b>Total</b>		<b>29,374</b>	<b>27,475</b>	<b>25,350</b>	<b>19,960</b>	<b>24,912</b>	<b>88,437</b>	<b>454,333</b>	<b>2,606</b>	<b>672,447</b>
Minicar		–	4	3	5	5	14	35	–	66
Special vehicle	Agricultural	–	1	2	1	1	2	122	27	156
	Large-sized	1	3	6	3	4	19	194	12	242
	Small-sized	1	2	4	3	4	17	167	8	206
	<b>Total</b>	<b>2</b>	<b>6</b>	<b>12</b>	<b>7</b>	<b>9</b>	<b>38</b>	<b>483</b>	<b>47</b>	<b>604</b>
<b>Total of above</b>		<b>30,743</b>	<b>28,892</b>	<b>26,867</b>	<b>21,240</b>	<b>26,707</b>	<b>95,341</b>	<b>502,528</b>	<b>2,672</b>	<b>734,990</b>
2-wheeled vehicle	Motorcycle									
	Small-sized motorcycle	1,017	748	457	276	367	819	2,103	99	5,886
	Light motorcycle	1,091	892	633	332	418	1,044	2,238	94	6,742
	Moped 2nd class	312	280	237	131	166	689	4,089	55	5,959
	<b>Sub-total</b>	<b>2,420</b>	<b>1,920</b>	<b>1,327</b>	<b>739</b>	<b>951</b>	<b>2,552</b>	<b>8,430</b>	<b>248</b>	<b>18,587</b>
	Moped 1st class	5,386	3,202	2,032	1,076	1,185	3,322	16,897	462	33,562
<b>Total</b>	<b>7,806</b>	<b>5,122</b>	<b>3,359</b>	<b>1,815</b>	<b>2,136</b>	<b>5,874</b>	<b>25,327</b>	<b>710</b>	<b>52,149</b>	
<b>Grand Total</b>		<b>38,549</b>	<b>34,014</b>	<b>30,226</b>	<b>23,055</b>	<b>28,843</b>	<b>101,215</b>	<b>527,855</b>	<b>3,382</b>	<b>787,139</b>

# 25

## Traffic Accidents by Location, Type of Road and Weather

		Weather					Total
		Fine	Cloudy	Rainy	Foggy	Snowy	
Location and type of road							
Urban area	Intersection area						
	With signal	73,522	25,551	14,375	25	645	114,118
	Without signal	113,106	39,937	17,195	27	807	171,072
	<b>Sub-total</b>	<b>186,628</b>	<b>65,488</b>	<b>31,570</b>	<b>52</b>	<b>1,452</b>	<b>285,190</b>
	Near intersection	48,652	18,350	9,083	18	706	76,809
	Non-intersection area						
	Tunnel	650	211	136	–	8	1,005
	Bridge	2,401	773	437	2	49	3,662
	Curve or bend	6,994	2,653	1,549	4	118	11,318
	Other roadways	149,513	50,914	24,510	55	1,218	226,210
	<b>Total</b>	<b>159,558</b>	<b>54,551</b>	<b>26,632</b>	<b>61</b>	<b>1,393</b>	<b>242,195</b>
	Railroad crossing	154	46	24	–	1	225
	Other areas	10,789	4,043	1,595	3	113	16,543
<b>Sum-total</b>	<b>405,781</b>	<b>142,478</b>	<b>68,904</b>	<b>134</b>	<b>3,665</b>	<b>620,962</b>	
Non-urban areas	Intersection area						
	With signal	12,978	5,227	2,626	14	149	20,994
	Without signal	35,168	13,647	6,027	30	357	55,229
	<b>Sub-total</b>	<b>48,146</b>	<b>18,874</b>	<b>8,653</b>	<b>44</b>	<b>506</b>	<b>76,223</b>
	Near intersection	15,017	6,167	3,001	20	279	24,484
	Non-intersection area						
	Tunnel	623	278	204	–	45	1,150
	Bridge	1,408	532	299	3	79	2,321
	Curve or bend	9,810	4,365	2,660	28	589	17,452
	Other roadways	52,395	19,653	9,244	57	1,085	82,434
	<b>Total</b>	<b>64,236</b>	<b>24,828</b>	<b>12,407</b>	<b>88</b>	<b>1,798</b>	<b>103,357</b>
	Railroad crossing	63	14	9	–	–	86
	Other areas	4,827	1,789	698	3	25	7,342
<b>Sum-total</b>	<b>132,289</b>	<b>51,672</b>	<b>24,768</b>	<b>155</b>	<b>2,608</b>	<b>211,492</b>	
Total	Intersection area						
	With signal	86,500	30,778	17,001	39	794	135,112
	Without signal	148,274	53,584	23,222	57	1,164	226,301
	<b>Sub-total</b>	<b>234,774</b>	<b>84,362</b>	<b>40,223</b>	<b>96</b>	<b>1,958</b>	<b>361,413</b>
	Near intersection	63,669	24,517	12,084	38	985	101,293
	Non-intersection area						
	Tunnel	1,273	489	340	–	53	2,155
	Bridge	3,809	1,305	736	5	128	5,983
	Curve or bend	16,804	7,018	4,209	32	707	28,770
	Other roadways	201,908	70,567	33,754	112	2,303	308,644
	<b>Total</b>	<b>223,794</b>	<b>79,379</b>	<b>39,039</b>	<b>149</b>	<b>3,191</b>	<b>345,552</b>
	Railroad crossing	217	60	33	–	1	311
	Other areas	15,616	5,832	2,293	6	138	23,885
<b>Grand Total</b>	<b>538,070</b>	<b>194,150</b>	<b>93,672</b>	<b>289</b>	<b>6,273</b>	<b>832,454</b>	

Notes: 1) Accidents at railroad crossings include accidents in which trains were not involved.

2) "Other areas" include national expressway service areas and plaza roads whose width is difficult to measure accurately.

3) "Without signal" includes intersections with inoperable signals.

# 26

## Section 2 FATAL ACCIDENTS Fatal Accidents by Day of Week and Time

Day Time	Day							Total
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
0 – 2	45	45	39	53	41	54	59	<b>336</b>
2 – 4	40	35	26	35	46	76	51	<b>309</b>
4 – 6	51	61	61	53	68	58	67	<b>419</b>
6 – 8	59	68	69	89	81	73	53	<b>492</b>
8 – 10	95	64	65	55	79	83	61	<b>502</b>
10 – 12	71	76	63	64	77	59	74	<b>484</b>
12 – 14	71	59	57	64	56	66	46	<b>419</b>
14 – 16	63	64	46	76	65	78	61	<b>453</b>
16 – 18	92	90	101	75	94	83	89	<b>624</b>
18 – 20	103	103	94	120	104	91	110	<b>725</b>
20 – 22	59	61	47	70	58	66	71	<b>432</b>
22 – 24	51	58	44	59	61	73	46	<b>392</b>
<b>Total</b>	<b>800</b>	<b>784</b>	<b>712</b>	<b>813</b>	<b>830</b>	<b>860</b>	<b>788</b>	<b>5,587</b>
Component ratio	14.3	14.0	12.7	14.6	14.9	15.4	14.1	<b>100.0</b>
Accidents per day	15.1	15.1	13.7	15.6	16.0	16.5	15.2	<b>15.3</b>

# 27

## Fatal Accidents by Type of Road and Day or Night

Type of road	Day or night		Day or night		Total	Component ratio	Accidents per 100km of road length
	Day	Component ratio	Night	Component ratio			
National highways	820	29.3	929	33.3	<b>1,749</b>	<b>31.3</b>	3.22
Principal local roads	534	19.1	552	19.8	<b>1,086</b>	<b>19.4</b>	1.88
General prefectural roads	338	12.1	366	13.1	<b>704</b>	<b>12.6</b>	0.99
Municipal roads	949	33.9	772	27.7	<b>1,721</b>	<b>30.8</b>	0.17
National expressways	63	2.3	88	3.2	<b>151</b>	<b>2.7</b>	2.04
Motorways	39	1.4	44	1.6	<b>83</b>	<b>1.5</b>	–
Roads authorized by Road Transport Law	4	0.1	1	0.0	<b>5</b>	<b>0.1</b>	–
Farm roads	18	0.6	16	0.6	<b>34</b>	<b>0.6</b>	–
Forest roads	4	0.1	0	0.0	<b>4</b>	<b>0.1</b>	–
Harbor roads	7	0.3	9	0.3	<b>16</b>	<b>0.3</b>	–
Private roads	3	0.1	1	0.0	<b>4</b>	<b>0.1</b>	–
Others	21	0.8	9	0.3	<b>30</b>	<b>0.5</b>	–
<b>Total</b>	<b>2,800</b>	<b>100.0</b>	<b>2,787</b>	<b>100.0</b>	<b>5,587</b>	<b>100.0</b>	–

Notes: 1) Calculations for road length are based on statistics from the Ministry of Land, Infrastructure and Transport as of April 1, 2006.

2) National highways, principal local roads, general prefectural roads, and municipal roads do not include motorways (roads for exclusive use of cars).

## Fatal Accidents by Road Width and Day or Night

		Day or night		Day	Component ratio	Night	Component ratio	Total	Component ratio	
		Day	Night							
Road width										
Non-intersection area (including near intersections and railway crossings)	Less than 3.5m			78	2.8	40	1.4	118	2.1	
	3.5m and wider			154	5.5	127	4.6	281	5.0	
	5.5m and wider			965	34.5	1,089	39.1	2,054	36.8	
	9.0m and wider			229	8.2	297	10.7	526	9.4	
	13.0m and wider			133	4.8	275	9.9	408	7.3	
	19.5m and wider			41	1.5	65	2.3	106	1.9	
	<b>Sum-total</b>			<b>1,600</b>	<b>57.1</b>	<b>1,893</b>	<b>67.9</b>	<b>3,493</b>	<b>62.5</b>	
Intersection area	Small (under 5.5m) Secondary Party	Small		134	4.8	41	1.5	175	3.1	
		Medium		177	6.3	72	2.6	249	4.5	
		Large		29	1.0	26	0.9	55	1.0	
		<b>Sub-total</b>		<b>340</b>	<b>12.1</b>	<b>139</b>	<b>5.0</b>	<b>479</b>	<b>8.6</b>	
		Medium (more than 5.5m) Primary Party	Small		165	5.9	161	5.8	326	5.8
			Medium		414	14.8	282	10.1	696	12.5
	Large			70	2.5	56	2.0	126	2.3	
	<b>Sub-total</b>			<b>649</b>	<b>23.2</b>	<b>499</b>	<b>17.9</b>	<b>1,148</b>	<b>20.5</b>	
	Large (more than 13.0m) Secondary Party	Small		37	1.3	47	1.7	84	1.5	
		Medium		102	3.6	133	4.8	235	4.2	
		Large		57	2.0	71	2.5	128	2.3	
		<b>Sub-total</b>		<b>196</b>	<b>7.0</b>	<b>251</b>	<b>9.0</b>	<b>447</b>	<b>8.0</b>	
		<b>Sum-total</b>		<b>1,185</b>	<b>42.3</b>	<b>889</b>	<b>31.9</b>	<b>2,074</b>	<b>37.1</b>	
	Others			15	0.5	5	0.2	20	0.4	
	<b>Grand Total</b>			<b>2,800</b>	<b>100.0</b>	<b>2,787</b>	<b>100.0</b>	<b>5,587</b>	<b>100.0</b>	

Notes: 1) Road width refers to the total width of the entire roadway (in both directions) and the roadway alone, irrespective of type of road or the presence of medians. However, where the inbound and outbound lanes of national expressways or motorways are divided completely by medians or tunnels, road width is the sum of the widths of the inbound and outbound roadways excluding the medians.

2) "Others" include national expressway service areas and plaza roads whose width is difficult to measure accurately.

# 29

## Fatal Accidents by Location, Type of Road and Day or Night

		Day or night					
		Day	Component ratio	Night	Component ratio	Total	Component ratio
Location and type of road							
Urban area	Intersection area						
	With signal	369	13.2	369	13.2	738	13.2
	Without signal	371	13.3	270	9.7	641	11.5
	<b>Sub-total</b>	<b>740</b>	<b>26.4</b>	<b>639</b>	<b>22.9</b>	<b>1,379</b>	<b>24.7</b>
	Near intersection	140	5.0	206	7.4	346	6.2
	Non-intersection area						
	Tunnel	3	0.1	2	0.1	5	0.1
	Bridge	6	0.2	18	0.6	24	0.4
	Curve or bend	105	3.8	116	4.2	221	4.0
	Other roadways	354	12.6	644	23.1	998	17.9
	<b>Total</b>	<b>468</b>	<b>16.7</b>	<b>780</b>	<b>28.0</b>	<b>1,248</b>	<b>22.3</b>
	Railroad crossing	12	0.4	2	0.1	14	0.3
	Other areas	9	0.3	3	0.1	12	0.2
<b>Sum-total</b>	<b>1,369</b>	<b>48.9</b>	<b>1,630</b>	<b>58.5</b>	<b>2,999</b>	<b>53.7</b>	
Non-urban areas	Intersection area						
	With signal	100	3.6	103	3.7	203	3.6
	Without signal	345	12.3	147	5.3	492	8.8
	<b>Sub-total</b>	<b>445</b>	<b>15.9</b>	<b>250</b>	<b>9.0</b>	<b>695</b>	<b>12.4</b>
	Near intersection	59	2.1	85	3.0	144	2.6
	Non-intersection area						
	Tunnel	30	1.1	12	0.4	42	0.8
	Bridge	16	0.6	18	0.6	34	0.6
	Curve or bend	434	15.5	281	10.1	715	12.8
	Other roadways	423	15.1	506	18.2	929	16.6
	<b>Total</b>	<b>903</b>	<b>32.3</b>	<b>817</b>	<b>29.3</b>	<b>1,720</b>	<b>30.8</b>
	Railroad crossing	18	0.6	3	0.1	21	0.4
	Other areas	6	0.2	2	0.1	8	0.1
<b>Sum-total</b>	<b>1,431</b>	<b>51.1</b>	<b>1,157</b>	<b>41.5</b>	<b>2,588</b>	<b>46.3</b>	
Total	Intersection area						
	With signal	469	16.8	472	16.9	941	16.8
	Without signal	716	25.6	417	15.0	1,133	20.3
	<b>Sub-total</b>	<b>1,185</b>	<b>42.3</b>	<b>889</b>	<b>31.9</b>	<b>2,074</b>	<b>37.1</b>
	Near intersection	199	7.1	291	10.4	490	8.8
	Non-intersection area						
	Tunnel	33	1.2	14	0.5	47	0.8
	Bridge	22	0.8	36	1.3	58	1.0
	Curve or bend	539	19.3	397	14.2	936	16.8
	Other roadways	777	27.8	1,150	41.3	1,927	34.5
	<b>Total</b>	<b>1,371</b>	<b>49.0</b>	<b>1,597</b>	<b>57.3</b>	<b>2,968</b>	<b>53.1</b>
	Railroad crossing	30	1.1	5	0.2	35	0.6
	Other areas	15	0.5	5	0.2	20	0.4
<b>Grand Total</b>	<b>2,800</b>	<b>100.0</b>	<b>2,787</b>	<b>100.0</b>	<b>5,587</b>	<b>100.0</b>	

Notes: 1) Accidents at railroad crossings include accidents in which trains were not involved.

2) "Other areas" include national expressway service areas and plaza roads whose width is difficult to measure accurately.

3) "Without signal" includes intersections with inoperable signals.

# 30

## Fatal Accidents by Type of Accident and Day or Night

		Day or night						
Type of accident		Day	Component ratio	Night	Component ratio	Total	Component ratio	
Person to vehicle	Facing vehicle							
	On the sidewalk	1	0.0	2	0.1	3	0.1	
	On the road shoulder	7	0.3	3	0.1	10	0.2	
	On the roadway	8	0.3	33	1.2	41	0.7	
	At the intersection	2	0.1	1	0.0	3	0.1	
	Others	1	0.0	0	0.0	1	0.0	
	<b>Sub-total</b>	<b>19</b>	<b>0.7</b>	<b>39</b>	<b>1.4</b>	<b>58</b>	<b>1.0</b>	
	Back to vehicle							
	On the sidewalk	2	0.1	0	0.0	2	0.0	
	On the road shoulder	5	0.2	1	0.0	6	0.1	
	On the roadway	20	0.7	101	3.6	121	2.2	
	At the intersection	2	0.1	8	0.3	10	0.2	
	Others	1	0.0	0	0.0	1	0.0	
	<b>Sub-total</b>	<b>30</b>	<b>1.1</b>	<b>110</b>	<b>3.9</b>	<b>140</b>	<b>2.5</b>	
	While crossing the road							
	On the pedestrian crossing	179	6.4	227	8.1	406	7.3	
	In the vicinity of pedestrian crossing	45	1.6	111	4.0	156	2.8	
	In the vicinity of pedestrian bridge	9	0.3	10	0.4	19	0.3	
	Others	219	7.8	598	21.5	817	14.6	
	<b>Sub-total</b>	<b>452</b>	<b>16.1</b>	<b>946</b>	<b>33.9</b>	<b>1,398</b>	<b>25.0</b>	
	While playing on road	8	0.3	1	0.0	9	0.2	
While working on road	22	0.8	11	0.4	33	0.6		
While standing on road	17	0.6	28	1.0	45	0.8		
Others	54	1.9	147	5.3	201	3.6		
<b>Total</b>	<b>602</b>	<b>21.5</b>	<b>1,282</b>	<b>46.0</b>	<b>1,884</b>	<b>33.7</b>		
Vehicle to vehicle	Head-on collision							
	While passing or overtaking	17	0.6	10	0.4	27	0.5	
	Others	394	14.1	206	7.4	600	10.7	
	<b>Sub-total</b>	<b>411</b>	<b>14.7</b>	<b>216</b>	<b>7.8</b>	<b>627</b>	<b>11.2</b>	
	Rear-end collision							
	While moving	41	1.5	82	2.9	123	2.2	
	While parked or stopped	89	3.2	82	2.9	171	3.1	
	<b>Sub-total</b>	<b>130</b>	<b>4.6</b>	<b>164</b>	<b>5.9</b>	<b>294</b>	<b>5.3</b>	
	Frontal collision	667	23.8	284	10.2	951	17.0	
	Collision while passing or overtaking	46	1.6	18	0.6	64	1.1	
	Collision while changing lanes	25	0.9	9	0.3	34	0.6	
	Collision while passing each other	11	0.4	3	0.1	14	0.3	
	Collision while turning left	57	2.0	19	0.7	76	1.4	
	Collision while turning right	155	5.5	128	4.6	283	5.1	
	Collision while crossing a road	23	0.8	26	0.9	49	0.9	
	Collision while turning around	9	0.3	9	0.3	18	0.3	
	Collision while backing up	4	0.1	4	0.1	8	0.1	
	Others	49	1.8	41	1.5	90	1.6	
	<b>Total</b>	<b>1,587</b>	<b>56.7</b>	<b>921</b>	<b>33.0</b>	<b>2,508</b>	<b>44.9</b>	
	Vehicle alone	Collision with structures						
		Light pole	92	3.3	79	2.8	171	3.1
Road sign		20	0.7	30	1.1	50	0.9	
Central reserve/median strip		21	0.8	37	1.3	58	1.0	
Guard fence, etc.		120	4.3	137	4.9	257	4.6	
House and wall		34	1.2	37	1.3	71	1.3	
Bridge and pier		17	0.6	19	0.7	36	0.6	
Others		68	2.4	86	3.1	154	2.8	
<b>Sub-total</b>		<b>372</b>	<b>13.3</b>	<b>425</b>	<b>15.2</b>	<b>797</b>	<b>14.3</b>	
Collision with parked vehicle		17	0.6	46	1.7	63	1.1	
Running off the road								
Rolling down		87	3.1	58	2.1	145	2.6	
Others		24	0.9	12	0.4	36	0.6	
<b>Sub-total</b>		<b>111</b>	<b>4.0</b>	<b>70</b>	<b>2.5</b>	<b>181</b>	<b>3.2</b>	
Turning over		66	2.4	24	0.9	90	1.6	
Others		16	0.6	14	0.5	30	0.5	
<b>Total</b>	<b>582</b>	<b>20.8</b>	<b>579</b>	<b>20.8</b>	<b>1,161</b>	<b>20.8</b>		
Train	29	1.0	5	0.2	34	0.6		
<b>Grand Total</b>	<b>2,800</b>	<b>100.0</b>	<b>2,787</b>	<b>100.0</b>	<b>5,587</b>	<b>100.0</b>		

Note: "Train" indicates accidents at railroad crossings that involved trains.

## Fatal Accidents Involving Primary Parties

Primary party vehicle type	Accidents	Component ratio	Compared with 2006		Number of motor vehicles registered	Accidents per 10,000 motor vehicles	
			Change	Percentage change			
Private vehicle	Passenger car						
	Bus	–	–	-1	-100.0	24,051	–
	Minibus	12	0.2	4	50.0	99,314	1.21
	Ordinary	1,891	33.8	-364	-16.1	41,419,945	0.46
	Light	847	15.2	47	5.9	–	–
	<b>Sub-total</b>	<b>2,750</b>	<b>49.2</b>	<b>-314</b>	<b>-10.2</b>	<b>41,543,310</b>	<b>0.66</b>
	Truck						
	Large-sized	36	0.6	8	28.6	5,798,089	0.84
	Medium-sized	73	1.3	-17	-3.6		
	Ordinary	376	6.7				
	Trailer	3	0.1	-2	-40.0		
	Light	635	11.4	-39	-5.8	–	–
	<b>Sub-total*</b>	<b>1,123</b>	<b>20.1</b>	<b>-50</b>	<b>-4.3</b>	<b>5,798,089</b>	<b>0.84</b>
	<b>Total*</b>	<b>3,873</b>	<b>69.3</b>	<b>-364</b>	<b>-8.6</b>	<b>47,341,399</b>	<b>0.68</b>
Commercial vehicle	Passenger car						
	Bus	23	0.4	5	27.8	85,570	2.69
	Minibus	–	–	-8	-100.0	21,993	–
	Ordinary	33	0.6	-16	-32.7	273,327	1.21
	Light	3	0.1	3	–	–	–
	<b>Sub-total</b>	<b>59</b>	<b>1.1</b>	<b>-16</b>	<b>-21.3</b>	<b>380,890</b>	<b>1.55</b>
	Truck						
	Large-sized	191	3.4	-15	-7.3	1,136,629	4.49
	Medium-sized	160	2.9	-6	-2.3		
	Ordinary	98	1.8				
	Trailer	61	1.1	3	5.2		
	Light	17	0.3	-14	-45.2	–	–
	<b>Sub-total*</b>	<b>527</b>	<b>9.4</b>	<b>-32</b>	<b>-5.7</b>	<b>1,136,629</b>	<b>4.49</b>
<b>Total*</b>	<b>586</b>	<b>10.5</b>	<b>-48</b>	<b>-7.6</b>	<b>1,517,519</b>	<b>3.75</b>	
Minicar	1	0.0	0	0.0	–	–	
Special vehicle	Agricultural	13	0.2	-9	-40.9	2,590,151	0.13
	Large-sized	16	0.3	6	60.0		
	Small-sized	4	0.1	2	100.0		
	<b>Total</b>	<b>33</b>	<b>0.6</b>	<b>-1</b>	<b>-2.9</b>		
Light passenger vehicle*	850	15.2	50	6.3	15,931,025	0.53	
Special light truck*	652	11.7	-53	-7.5	9,496,641	0.69	
Special purpose vehicle*	–	–	–	–	1,259,414	–	
<b>Sum-total</b>	<b>4,493</b>	<b>80.4</b>	<b>-413</b>	<b>-8.4</b>	<b>78,136,149</b>	<b>0.58</b>	
2-wheeled vehicle	Motorcycle						
	Small-sized motorcycle	183	3.3	-10	-5.2	1,501,287	1.22
	Light motorcycle	113	2.0	-4	-3.4	1,996,907	0.57
	Moped 2nd class	84	1.5	-8	-8.7	1,397,085	0.60
	<b>Sub-total</b>	<b>380</b>	<b>6.8</b>	<b>-22</b>	<b>-5.5</b>	<b>4,895,279</b>	<b>0.78</b>
	Moped 1st class	316	5.7	-44	-12.2	8,134,692	0.39
<b>Total</b>	<b>696</b>	<b>12.5</b>	<b>-66</b>	<b>-8.7</b>	<b>13,029,971</b>	<b>0.53</b>	
<b>Total of above</b>	<b>5,189</b>	<b>92.9</b>	<b>-479</b>	<b>-8.5</b>	<b>91,166,120</b>	<b>0.57</b>	
Bicycles	Bicycle	203	3.6	-47	-18.8	–	–
	Motor-assisted bicycle	11	0.2	1	10.0		
	<b>Total</b>	<b>214</b>	<b>3.8</b>	<b>-46</b>	<b>-17.7</b>		
Other vehicles	1	0.0	-1	-50.0	–	–	
Pedestrians	155	2.8	-30	-16.2			
Unknown	28	0.5	-4	-12.5			
<b>Grand Total</b>	<b>5,587</b>	<b>100.0</b>	<b>-560</b>	<b>-9.1</b>	<b>–</b>	<b>–</b>	

- Notes: 1) Accidents for special purpose vehicles are accounted for among passenger car and truck figures for each primary party vehicle type.  
2) Because the number of light trucks registered among all light vehicles cannot be broken down by private and commercial, their number has been accounted for under "special light truck" where the number of accidents listed duplicates those listed elsewhere. Note that the figure for accidents per 10,000 vehicles under private vehicles, commercial vehicles and trucks (appearing on lines marked with \*) exclude such special light trucks.  
3) The number of registered vehicles is based on Motor Vehicles Owned, published monthly by the Ministry of Land, Infrastructure and Transport (as of December 2007). However, figures for moped second class, moped first class and small-sized special vehicles (including minicars) were compiled by the Ministry of Internal Affairs and Communication (as of 1 April 2007).

# 32

## Fatal Accidents by Age Group Involving Primary Parties

Age group	Motor vehicles, etc.				Accidents per number of driver's licence holders	Bicycle	Pedestrian	Others	Total
	Motor vehicles	Motor-cycle	Moped 1st class	Sub-total					
15 and under									
6 and under	–	–	–	–	–	–	–	–	–
7–12	–	–	–	–	–	5	2	–	7
13–15	–	–	4	4	–	8	1	–	13
<b>Sub-total</b>	–	–	4	4	–	13	3	–	20
16–24									
16–19	160	57	49	266	2.1	13	1	–	280
20–24	509	69	20	598	1.0	4	3	–	605
<b>Sub-total</b>	<b>669</b>	<b>126</b>	<b>69</b>	<b>864</b>	<b>1.2</b>	<b>17</b>	<b>4</b>	–	<b>885</b>
25–64									
25–29	445	42	13	500	0.7	4	5	–	509
30–34	445	40	8	493	0.6	2	6	1	502
35–39	439	48	11	498	0.6	3	5	–	506
40–44	320	25	11	356	0.5	7	4	–	367
45–49	333	26	8	367	0.5	5	6	–	378
50–54	371	18	9	398	0.6	6	4	–	408
55–59	420	17	26	463	0.5	12	8	–	483
60–64	297	2	17	316	0.5	15	13	–	344
<b>Sub-total</b>	<b>3,070</b>	<b>218</b>	<b>103</b>	<b>3,391</b>	<b>0.5</b>	<b>54</b>	<b>51</b>	<b>1</b>	<b>3,497</b>
65 and over									
65–69	221	6	19	246	0.5	24	19	–	289
70–74	214	7	41	262	0.8	24	23	–	309
75–79	167	14	41	222	1.2	37	21	–	280
80 and over	152	9	39	200	2.1	45	34	–	279
<b>Sub-total</b>	<b>754</b>	<b>36</b>	<b>140</b>	<b>930</b>	<b>0.8</b>	<b>130</b>	<b>97</b>	–	<b>1,157</b>
<b>Total</b>	<b>4,493</b>	<b>380</b>	<b>316</b>	<b>5,189</b>	<b>0.6</b>	<b>214</b>	<b>155</b>	<b>1</b>	<b>5,559</b>
<b>Total for 20's</b>	<b>954</b>	<b>111</b>	<b>33</b>	<b>1,098</b>	<b>0.8</b>	<b>8</b>	<b>8</b>	–	<b>1,114</b>
<b>Total for 30's</b>	<b>884</b>	<b>88</b>	<b>19</b>	<b>991</b>	<b>0.6</b>	<b>5</b>	<b>11</b>	<b>1</b>	<b>1,008</b>
<b>Total for 40's</b>	<b>653</b>	<b>51</b>	<b>19</b>	<b>723</b>	<b>0.5</b>	<b>12</b>	<b>10</b>	–	<b>745</b>
<b>Total for 50's</b>	<b>791</b>	<b>35</b>	<b>35</b>	<b>861</b>	<b>0.6</b>	<b>18</b>	<b>12</b>	–	<b>891</b>
<b>Total for 60's</b>	<b>518</b>	<b>8</b>	<b>36</b>	<b>562</b>	<b>0.5</b>	<b>39</b>	<b>32</b>	–	<b>633</b>
<b>Total for 70's</b>	<b>381</b>	<b>21</b>	<b>82</b>	<b>484</b>	<b>0.9</b>	<b>61</b>	<b>44</b>	–	<b>589</b>

Notes: 1) "Accidents per number of driver's licence holders" is the number per 10,000 driver's licence holders of the sub-total of motor vehicles, etc.

2) Unknown (28 accidents) are not included.

# 33

## Fatal Accidents by Driver Age and Type of Violation Involving Primary Parties (Motor Vehicle and Moped 1st Class)

Driver age		Driver age				
		15 and under	16–19	20–24	25–29	30–39
Type of violation						
Disregarding traffic signal		1	20	19	9	34
Road or lane infringement		1	17	28	26	34
Speeding		1	70	112	56	91
Improper crossing or turning around		–	4	3	3	9
Driving too close to vehicle ahead		–	–	–	–	3
Improper overtaking		–	1	3	2	8
Failure to stop at railway crossing		–	1	1	–	3
Improper right turn		–	1	3	–	5
Improper left turn		–	–	1	–	4
Impeding priority traffic		–	9	14	9	26
Improper driving at intersection		–	8	25	11	44
Impeding pedestrians		–	7	30	26	74
Failure to slow down		1	2	4	5	9
Failure to stop		–	8	15	13	21
Operating defective vehicle		–	–	–	–	1
Drunk driving		–	–	15	11	19
Fatigue, etc.	Driving under the influence of drugs	–	–	–	–	2
	Driving while fatigued	–	–	2	4	7
Violation of safe driving practices	Improper steering and/or braking	–	37	62	49	61
	Careless driving	–	35	71	82	149
	Not keeping eyes on the road	–	22	92	77	180
	Failure to confirm traffic movement	–	2	15	20	35
	Failure to make safety check	–	8	47	60	120
	Driving at unsafe speed	–	9	21	21	24
	Others	–	2	6	3	8
Others		–	2	6	11	15
Unknown		–	1	3	2	5
<b>Total</b>		<b>4</b>	<b>266</b>	<b>598</b>	<b>500</b>	<b>991</b>

40–49	50–59	60–64	65–69	70–74	75–79	80 and over	Total
27	24	24	16	9	6	9	198
37	44	22	19	14	19	13	274
55	39	10	7	2	4	2	449
7	5	6	3	2	3	2	47
–	1	–	–	–	–	–	4
11	4	–	2	–	1	–	32
–	4	1	1	4	3	–	18
1	5	–	3	–	1	1	20
4	3	1	1	–	1	–	15
15	25	16	11	21	7	13	166
38	44	11	9	13	8	4	215
54	59	17	14	7	11	7	306
6	6	2	2	1	1	1	40
13	33	12	15	31	27	29	217
–	–	–	–	–	1	–	2
12	15	3	3	1	2	1	82
–	–	–	1	–	–	–	3
5	5	1	3	1	1	–	29
60	78	29	19	34	41	43	513
109	164	54	51	45	26	21	807
104	116	39	29	28	30	19	736
29	30	12	6	7	5	6	167
82	111	39	18	26	17	16	544
27	22	7	4	6	3	3	147
4	4	2	3	5	1	5	43
17	16	5	4	3	–	3	82
6	4	3	2	2	3	2	33
<b>723</b>	<b>861</b>	<b>316</b>	<b>246</b>	<b>262</b>	<b>222</b>	<b>200</b>	<b>5,189</b>

## Fatal Accidents by the Driving Experience of Primary Parties (Motor Vehicle and Moped 1st Class)

Driving experience		Less than 1 year	Less than 2 years	Less than 3 years	Less than 4 years	Less than 5 years	Less than 10 years	10 years or more	Unlicensed or unknown	Total
The primary party										
Commercial vehicle	Passenger car									
	Bus	–	1	2	1	1	3	15	–	23
	Minibus	–	–	–	–	–	–	–	–	–
	Ordinary	–	–	1	1	1	–	30	–	33
	Light	–	–	–	–	–	–	3	–	3
	<b>Sub-total</b>	–	1	3	2	2	3	48	–	59
	Truck									
	Large-sized	2	2	2	6	5	27	147	–	191
	Medium-sized	4	2	2	2	5	19	126	–	160
	Ordinary	1	1	2	–	4	20	69	1	98
	Light	–	1	1	1	–	12	46	–	61
	Trailer	–	–	–	–	–	–	17	–	17
	<b>Sub-total</b>	7	6	7	9	14	78	405	1	527
	<b>Total</b>	7	7	10	11	16	81	453	1	586
Private vehicle	Passenger car									
	Bus	–	–	–	–	–	–	–	–	–
	Minibus	–	–	–	–	1	1	10	–	12
	Ordinary	87	92	75	58	72	270	1,215	22	1,891
	Light	53	48	39	28	31	96	542	10	847
	<b>Sub-total</b>	140	140	114	86	104	367	1,767	32	2,750
	Truck									
	Large-sized	–	–	2	–	1	1	31	1	36
	Medium-sized	2	–	2	1	–	9	59	–	73
	Ordinary	6	7	10	12	15	50	274	2	376
	Light	–	–	–	–	–	–	3	–	3
	Trailer	13	5	9	7	6	45	543	7	635
	<b>Sub-total</b>	21	12	23	20	22	105	910	10	1,123
	<b>Total</b>	161	152	137	106	126	472	2,677	42	3,873
Minicar	–	–	–	–	–	–	1	–	1	
Special vehicle	Agricultural	–	–	–	–	–	–	10	3	13
	Large-sized	–	–	–	–	–	1	15	–	16
	Small-sized	–	–	–	–	–	–	3	1	4
	<b>Total</b>	–	–	–	–	–	1	28	4	33
<b>Total of above</b>	168	159	147	117	142	554	3,159	47	4,493	
2-wheeled vehicle	Motorcycle									
	Small-sized motorcycle	29	17	14	3	8	19	84	9	183
	Light motorcycle	14	13	10	5	3	19	42	7	113
	Moped 2nd class	4	1	4	1	2	8	59	5	84
	<b>Sub-total</b>	47	31	28	9	13	46	185	21	380
	Moped 1st class	35	18	9	2	2	20	217	13	316
<b>Total</b>	82	49	37	11	15	66	402	34	696	
<b>Grand Total</b>	250	208	184	128	157	620	3,561	81	5,189	

		Weather					Total
		Fine	Cloudy	Rainy	Foggy	Snowy	
Location and type of road							
Urban area	Intersection area						
	With signal	483	185	67	1	2	738
	Without signal	408	166	66	–	1	641
	<b>Sub-total</b>	<b>891</b>	<b>351</b>	<b>133</b>	<b>1</b>	<b>3</b>	<b>1,379</b>
	Near intersection	213	100	32	1	–	346
	Non-intersection area						
	Tunnel	4	–	1	–	–	5
	Bridge	17	5	2	–	–	24
	Curve or bend	132	63	26	–	–	221
	Other roadways	581	273	129	2	13	998
	<b>Total</b>	<b>734</b>	<b>341</b>	<b>158</b>	<b>2</b>	<b>13</b>	<b>1,248</b>
	Railroad crossing	11	2	1	–	–	14
	Other areas	5	5	2	–	–	12
<b>Sum-total</b>	<b>1,854</b>	<b>799</b>	<b>326</b>	<b>4</b>	<b>16</b>	<b>2,999</b>	
Non-urban areas	Intersection area						
	With signal	122	61	18	–	2	203
	Without signal	312	127	50	1	2	492
	<b>Sub-total</b>	<b>434</b>	<b>188</b>	<b>68</b>	<b>1</b>	<b>4</b>	<b>695</b>
	Near intersection	87	39	17	–	1	144
	Non-intersection area						
	Tunnel	24	10	6	–	2	42
	Bridge	19	8	6	–	1	34
	Curve or bend	406	214	83	1	11	715
	Other roadways	521	269	115	7	17	929
	<b>Total</b>	<b>970</b>	<b>501</b>	<b>210</b>	<b>8</b>	<b>31</b>	<b>1,720</b>
	Railroad crossing	14	5	2	–	–	21
	Other areas	7	1	–	–	–	8
<b>Sum-total</b>	<b>1,512</b>	<b>734</b>	<b>297</b>	<b>9</b>	<b>36</b>	<b>2,588</b>	
Total	Intersection area						
	With signal	605	246	85	1	4	941
	Without signal	720	293	116	1	3	1,133
	<b>Sub-total</b>	<b>1,325</b>	<b>539</b>	<b>201</b>	<b>2</b>	<b>7</b>	<b>2,074</b>
	Near intersection	300	139	49	1	1	490
	Non-intersection area						
	Tunnel	28	10	7	–	2	47
	Bridge	36	13	8	–	1	58
	Curve or bend	538	277	109	1	11	936
	Other roadways	1,102	542	244	9	30	1,927
	<b>Total</b>	<b>1,704</b>	<b>842</b>	<b>368</b>	<b>10</b>	<b>44</b>	<b>2,968</b>
	Railroad crossing	25	7	3	–	–	35
	Other areas	12	6	2	–	–	20
<b>Grand Total</b>	<b>3,366</b>	<b>1,533</b>	<b>623</b>	<b>13</b>	<b>52</b>	<b>5,587</b>	

Notes: 1) Accidents at railroad crossings include accidents in which trains were not involved.

2) "Other areas" include national expressway service areas and plaza roads whose width is difficult to measure accurately.

3) "Without signal" includes intersections with inoperable signals.

## Section 3 CASUALTIES

### Fatalities by Age Group and Road User Type

		Age	6 and under	7   12	13   15	16   19	20   24	25   29	30   34
Type									
Fatalities	M		32	30	18	249	289	227	199
	F		25	14	14	55	77	39	33
	<b>Sub-total</b>		<b>57</b>	<b>44</b>	<b>32</b>	<b>304</b>	<b>366</b>	<b>266</b>	<b>232</b>
Motor vehicle	Driver	M	–	–	–	50	128	103	84
		F	–	–	–	8	30	16	7
		<b>Sub-total</b>	–	–	–	<b>58</b>	<b>158</b>	<b>119</b>	<b>91</b>
	Passenger	M	9	3	2	40	27	17	11
		F	14	6	1	18	19	7	10
		<b>Sub-total</b>	<b>23</b>	<b>9</b>	<b>3</b>	<b>58</b>	<b>46</b>	<b>24</b>	<b>21</b>
	Total	M	9	3	2	90	155	120	95
		F	14	6	1	26	49	23	17
		<b>Sub-total</b>	<b>23</b>	<b>9</b>	<b>3</b>	<b>116</b>	<b>204</b>	<b>143</b>	<b>112</b>
Motorcycle	Driver	M	–	–	–	75	96	58	60
		F	–	–	–	2	1	–	3
		<b>Sub-total</b>	–	–	–	<b>77</b>	<b>97</b>	<b>58</b>	<b>63</b>
	Passenger	M	–	–	2	12	–	1	–
		F	–	–	–	2	1	2	–
		<b>Sub-total</b>	–	–	<b>2</b>	<b>14</b>	<b>1</b>	<b>3</b>	–
	Total	M	–	–	2	87	96	59	60
		F	–	–	–	4	2	2	3
		<b>Sub-total</b>	–	–	<b>2</b>	<b>91</b>	<b>98</b>	<b>61</b>	<b>63</b>
Moped 1st class	Driver	M	–	–	4	44	18	14	10
		F	–	–	1	10	6	3	–
		<b>Sub-total</b>	–	–	<b>5</b>	<b>54</b>	<b>24</b>	<b>17</b>	<b>10</b>
	Passenger	M	–	–	–	1	1	–	–
		F	–	–	1	2	–	–	–
		<b>Sub-total</b>	–	–	<b>1</b>	<b>3</b>	<b>1</b>	–	–
	Total	M	–	–	4	45	19	14	10
		F	–	–	2	12	6	3	–
		<b>Sub-total</b>	–	–	<b>6</b>	<b>57</b>	<b>25</b>	<b>17</b>	<b>10</b>
Bicycle	Driver	M	3	11	8	20	4	7	5
		F	–	4	5	9	8	5	4
		<b>Sub-total</b>	<b>3</b>	<b>15</b>	<b>13</b>	<b>29</b>	<b>12</b>	<b>12</b>	<b>9</b>
	Passenger	M	–	1	–	1	–	–	–
		F	1	–	–	–	–	–	–
		<b>Sub-total</b>	<b>1</b>	<b>1</b>	–	<b>1</b>	–	–	–
	Total	M	3	12	8	21	4	7	5
		F	1	4	5	9	8	5	4
		<b>Sub-total</b>	<b>4</b>	<b>16</b>	<b>13</b>	<b>30</b>	<b>12</b>	<b>12</b>	<b>9</b>
Pedestrian	M	20	15	2	6	15	26	27	
	F	10	4	6	4	12	6	9	
	<b>Sub-total</b>	<b>30</b>	<b>19</b>	<b>8</b>	<b>10</b>	<b>27</b>	<b>32</b>	<b>36</b>	
Others	M	–	–	–	–	–	1	2	
	F	–	–	–	–	–	–	–	
	<b>Sub-total</b>	–	–	–	–	–	<b>1</b>	<b>2</b>	

35   39	40   44	45   49	50   54	55   59	60   64	65   69	70   74	75 and over	Total
213	169	195	204	287	219	287	322	793	3,733
33	47	43	50	132	124	201	282	842	2,011
246	216	238	254	419	343	488	604	1,635	5,744
81	72	96	95	124	80	92	92	191	1,288
13	22	17	21	42	29	17	20	19	261
94	94	113	116	166	109	109	112	210	1,549
11	1	5	8	12	10	6	8	19	189
4	3	7	7	15	16	21	36	91	275
15	4	12	15	27	26	27	44	110	464
92	73	101	103	136	90	98	100	210	1,477
17	25	24	28	57	45	38	56	110	536
109	98	125	131	193	135	136	156	320	2,013
66	40	34	22	20	4	9	12	33	529
1	—	—	—	—	1	—	1	1	10
67	40	34	22	20	5	9	13	34	539
—	—	—	—	—	—	—	—	—	15
—	—	—	—	—	—	—	—	—	5
—	—	—	—	—	—	—	—	—	20
66	40	34	22	20	4	9	12	33	544
1	—	—	—	—	1	—	1	1	15
67	40	34	22	20	5	9	13	34	559
15	16	12	11	26	19	14	34	94	331
1	6	3	3	16	17	20	28	22	136
16	22	15	14	42	36	34	62	116	467
—	—	—	—	—	—	—	—	—	2
—	—	—	—	—	—	—	—	—	3
—	—	—	—	—	—	—	—	—	5
15	16	12	11	26	19	14	34	94	333
1	6	3	3	16	17	20	28	22	139
16	22	15	14	42	36	34	62	116	472
5	9	14	21	25	23	53	59	172	439
6	4	3	7	17	19	49	48	114	302
11	13	17	28	42	42	102	107	286	741
—	—	—	—	—	1	—	—	—	3
—	—	—	—	—	—	—	—	—	1
—	—	—	—	—	1	—	—	—	4
5	9	14	21	25	24	53	59	172	442
6	4	3	7	17	19	49	48	114	303
11	13	17	28	42	43	102	107	286	745
34	31	34	47	79	82	113	116	283	930
8	12	13	12	42	42	94	149	590	1,013
42	43	47	59	121	124	207	265	873	1,943
1	—	—	—	1	—	—	1	1	7
—	—	—	—	—	—	—	—	5	5
1	—	—	—	1	—	—	1	6	12

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## Fatalities per 100,000 Persons by Age Group and Road User Type

		Age	6 and under	7   12	13   15	16   19	20   24	25   29	30   34
Type									
Fatalities	M		0.81	0.82	0.97	9.59	7.78	5.72	4.19
	F		0.66	0.40	0.80	2.22	2.19	1.02	0.72
	<b>Sub-total</b>		<b>0.74</b>	<b>0.62</b>	<b>0.89</b>	<b>6.00</b>	<b>5.06</b>	<b>3.41</b>	<b>2.48</b>
Motor vehicle	Driver	M	–	–	–	1.93	3.44	2.60	1.77
		F	–	–	–	0.32	0.85	0.42	0.15
		<b>Sub-total</b>	–	–	–	<b>1.14</b>	<b>2.18</b>	<b>1.53</b>	<b>0.97</b>
	Passenger	M	0.23	0.08	0.11	1.54	0.73	0.43	0.23
		F	0.37	0.17	0.06	0.73	0.54	0.18	0.22
		<b>Sub-total</b>	<b>0.30</b>	<b>0.13</b>	<b>0.08</b>	<b>1.14</b>	<b>0.64</b>	<b>0.31</b>	<b>0.22</b>
	Total	M	0.23	0.08	0.11	3.47	4.17	3.02	2.00
		F	0.37	0.17	0.06	1.05	1.39	0.60	0.37
		<b>Sub-total</b>	<b>0.30</b>	<b>0.13</b>	<b>0.08</b>	<b>2.29</b>	<b>2.82</b>	<b>1.83</b>	<b>1.20</b>
Motorcycle	Driver	M	–	–	–	2.89	2.58	1.46	1.26
		F	–	–	–	0.08	0.03	–	0.07
		<b>Sub-total</b>	–	–	–	<b>1.52</b>	<b>1.34</b>	<b>0.74</b>	<b>0.67</b>
	Passenger	M	–	–	0.11	0.46	–	0.03	–
		F	–	–	–	0.08	0.03	0.05	–
		<b>Sub-total</b>	–	–	<b>0.06</b>	<b>0.28</b>	<b>0.01</b>	<b>0.04</b>	–
	Total	M	–	–	0.11	3.35	2.58	1.49	1.26
		F	–	–	–	0.16	0.06	0.05	0.07
		<b>Sub-total</b>	–	–	<b>0.06</b>	<b>1.80</b>	<b>1.35</b>	<b>0.78</b>	<b>0.67</b>
Moped 1st class	Driver	M	–	–	0.22	1.69	0.48	0.35	0.21
		F	–	–	0.06	0.40	0.17	0.08	–
		<b>Sub-total</b>	–	–	<b>0.14</b>	<b>1.07</b>	<b>0.33</b>	<b>0.22</b>	<b>0.11</b>
	Passenger	M	–	–	–	0.04	0.03	–	–
		F	–	–	0.06	0.08	–	–	–
		<b>Sub-total</b>	–	–	<b>0.03</b>	<b>0.06</b>	<b>0.01</b>	–	–
	Total	M	–	–	0.22	1.73	0.51	0.35	0.21
		F	–	–	0.11	0.49	0.17	0.08	–
		<b>Sub-total</b>	–	–	<b>0.17</b>	<b>1.12</b>	<b>0.35</b>	<b>0.22</b>	<b>0.11</b>
Bicycle	Driver	M	0.08	0.30	0.43	0.77	0.11	0.18	0.11
		F	–	0.11	0.28	0.36	0.23	0.13	0.09
		<b>Sub-total</b>	<b>0.04</b>	<b>0.21</b>	<b>0.36</b>	<b>0.57</b>	<b>0.17</b>	<b>0.15</b>	<b>0.10</b>
	Passenger	M	–	0.03	–	0.04	–	–	–
		F	0.03	–	–	–	–	–	–
		<b>Sub-total</b>	<b>0.01</b>	<b>0.01</b>	–	<b>0.02</b>	–	–	–
	Total	M	0.08	0.33	0.43	0.81	0.11	0.18	0.11
		F	0.03	0.11	0.28	0.36	0.23	0.13	0.09
		<b>Sub-total</b>	<b>0.05</b>	<b>0.22</b>	<b>0.36</b>	<b>0.59</b>	<b>0.17</b>	<b>0.15</b>	<b>0.10</b>
Pedestrian	M	0.50	0.41	0.11	0.23	0.40	0.66	0.57	
	F	0.26	0.11	0.34	0.16	0.34	0.16	0.20	
	<b>Sub-total</b>	<b>0.39</b>	<b>0.27</b>	<b>0.22</b>	<b>0.20</b>	<b>0.37</b>	<b>0.41</b>	<b>0.38</b>	
Others	M	–	–	–	–	–	0.03	0.04	
	F	–	–	–	–	–	–	–	
	<b>Sub-total</b>	–	–	–	–	–	<b>0.01</b>	<b>0.02</b>	

Note: Figures are calculated on the basis of the population as of October 1, 2007 as compiled by the Ministry of Internal Affairs and Communications.

35   39	40   44	45   49	50   54	55   59	60   64	65   69	70   74	75 and over	Total
4.47	4.08	5.03	5.08	5.56	5.30	7.66	10.09	16.64	5.99
0.71	1.15	1.12	1.24	2.50	2.85	4.91	7.56	10.61	3.07
2.61	2.63	3.08	3.15	4.02	4.05	6.23	8.72	12.87	4.50
1.70	1.74	2.47	2.36	2.40	1.94	2.46	2.88	4.01	2.07
0.28	0.54	0.44	0.52	0.80	0.67	0.42	0.54	0.24	0.40
1.00	1.14	1.46	1.44	1.59	1.29	1.39	1.62	1.65	1.21
0.23	0.02	0.13	0.20	0.23	0.24	0.16	0.25	0.40	0.30
0.09	0.07	0.18	0.17	0.28	0.37	0.51	0.96	1.15	0.42
0.16	0.05	0.16	0.19	0.26	0.31	0.34	0.64	0.87	0.36
1.93	1.76	2.60	2.56	2.64	2.18	2.62	3.13	4.41	2.37
0.36	0.61	0.62	0.69	1.08	1.04	0.93	1.50	1.39	0.82
1.16	1.19	1.62	1.63	1.85	1.59	1.74	2.25	2.52	1.58
1.39	0.97	0.88	0.55	0.39	0.10	0.24	0.38	0.69	0.85
0.02	–	–	–	–	0.02	–	0.03	0.01	0.02
0.71	0.49	0.44	0.27	0.19	0.06	0.11	0.19	0.27	0.42
–	–	–	–	–	–	–	–	–	0.02
–	–	–	–	–	–	–	–	–	0.01
–	–	–	–	–	–	–	–	–	0.02
1.39	0.97	0.88	0.55	0.39	0.10	0.24	0.38	0.69	0.87
0.02	–	–	–	–	0.02	–	0.03	0.01	0.02
0.71	0.49	0.44	0.27	0.19	0.06	0.11	0.19	0.27	0.44
0.31	0.39	0.31	0.27	0.50	0.46	0.37	1.07	1.97	0.53
0.02	0.15	0.08	0.07	0.30	0.39	0.49	0.75	0.28	0.21
0.17	0.27	0.19	0.17	0.40	0.42	0.43	0.90	0.91	0.37
–	–	–	–	–	–	–	–	–	0.00
–	–	–	–	–	–	–	–	–	0.00
–	–	–	–	–	–	–	–	–	0.00
0.31	0.39	0.31	0.27	0.50	0.46	0.37	1.07	1.97	0.53
0.02	0.15	0.08	0.07	0.30	0.39	0.49	0.75	0.28	0.21
0.17	0.27	0.19	0.17	0.40	0.42	0.43	0.90	0.91	0.37
0.10	0.22	0.36	0.52	0.48	0.56	1.41	1.85	3.61	0.70
0.13	0.10	0.08	0.17	0.32	0.44	1.20	1.29	1.44	0.46
0.12	0.16	0.22	0.35	0.40	0.50	1.30	1.55	2.25	0.58
–	–	–	–	–	0.02	–	–	–	0.00
–	–	–	–	–	–	–	–	–	0.00
–	–	–	–	–	0.01	–	–	–	0.00
0.10	0.22	0.36	0.52	0.48	0.58	1.41	1.85	3.61	0.71
0.13	0.10	0.08	0.17	0.32	0.44	1.20	1.29	1.44	0.46
0.12	0.16	0.22	0.35	0.40	0.51	1.30	1.55	2.25	0.58
0.71	0.75	0.88	1.17	1.53	1.98	3.02	3.64	5.94	1.49
0.17	0.29	0.34	0.30	0.80	0.97	2.30	3.99	7.43	1.55
0.45	0.52	0.61	0.73	1.16	1.46	2.64	3.83	6.87	1.52
0.02	–	–	–	0.02	–	–	0.03	0.02	0.01
–	–	–	–	–	–	–	–	0.06	0.01
0.01	–	–	–	0.01	–	–	0.01	0.05	0.01

## Injuries by Age Group and Road User Type

		Age	6	7	13	16	20	25	30
		Type	and						
			under	12	15	19	24	29	34
Injuries	M		13,073	22,171	11,504	42,684	65,426	59,808	60,202
	F		10,079	13,148	9,645	28,737	47,112	43,326	43,564
	<b>Sub-total</b>		<b>23,152</b>	<b>35,319</b>	<b>21,149</b>	<b>71,421</b>	<b>112,538</b>	<b>103,134</b>	<b>103,766</b>
Motor vehicle	Driver	M	–	–	5	6,100	28,464	32,946	36,048
		F	–	–	–	4,351	21,628	23,474	25,330
		<b>Sub-total</b>	–	–	<b>5</b>	<b>10,451</b>	<b>50,092</b>	<b>56,420</b>	<b>61,378</b>
	Passenger	M	7,134	5,296	1,775	5,005	8,088	6,314	5,261
		F	6,960	5,967	2,663	6,596	11,090	9,749	8,986
		<b>Sub-total</b>	<b>14,094</b>	<b>11,263</b>	<b>4,438</b>	<b>11,601</b>	<b>19,178</b>	<b>16,063</b>	<b>14,247</b>
	Total	M	7,134	5,296	1,780	11,105	36,552	39,260	41,309
		F	6,960	5,967	2,663	10,947	32,718	33,223	34,316
		<b>Sub-total</b>	<b>14,094</b>	<b>11,263</b>	<b>4,443</b>	<b>22,052</b>	<b>69,270</b>	<b>72,483</b>	<b>75,625</b>
Motorcycle	Driver	M	–	–	13	6,404	11,201	7,726	6,973
		F	–	–	1	222	710	583	484
		<b>Sub-total</b>	–	–	<b>14</b>	<b>6,626</b>	<b>11,911</b>	<b>8,309</b>	<b>7,457</b>
	Passenger	M	13	27	52	591	272	89	27
		F	5	22	34	377	437	205	119
		<b>Sub-total</b>	<b>18</b>	<b>49</b>	<b>86</b>	<b>968</b>	<b>709</b>	<b>294</b>	<b>146</b>
	Total	M	13	27	65	6,995	11,473	7,815	7,000
		F	5	22	35	599	1,147	788	603
		<b>Sub-total</b>	<b>18</b>	<b>49</b>	<b>100</b>	<b>7,594</b>	<b>12,620</b>	<b>8,603</b>	<b>7,603</b>
Moped 1st class	Driver	M	–	2	100	11,496	9,620	5,835	5,132
		F	–	–	19	4,053	4,769	2,376	1,826
		<b>Sub-total</b>	–	<b>2</b>	<b>119</b>	<b>15,549</b>	<b>14,389</b>	<b>8,211</b>	<b>6,958</b>
	Passenger	M	9	3	69	164	11	4	–
		F	2	–	43	148	10	5	–
		<b>Sub-total</b>	<b>11</b>	<b>3</b>	<b>112</b>	<b>312</b>	<b>21</b>	<b>9</b>	<b>–</b>
	Total	M	9	5	169	11,660	9,631	5,839	5,132
		F	2	–	62	4,201	4,779	2,381	1,826
		<b>Sub-total</b>	<b>11</b>	<b>5</b>	<b>231</b>	<b>15,861</b>	<b>14,410</b>	<b>8,220</b>	<b>6,958</b>
Bicycle	Driver	M	1,238	11,258	8,543	11,837	5,763	4,689	4,415
		F	362	4,110	5,873	11,655	6,782	5,212	5,108
		<b>Sub-total</b>	<b>1,600</b>	<b>15,368</b>	<b>14,416</b>	<b>23,492</b>	<b>12,545</b>	<b>9,901</b>	<b>9,523</b>
	Passenger	M	990	151	147	81	23	7	3
		F	1,010	131	178	201	64	20	11
		<b>Sub-total</b>	<b>2,000</b>	<b>282</b>	<b>325</b>	<b>282</b>	<b>87</b>	<b>27</b>	<b>14</b>
	Total	M	2,228	11,409	8,690	11,918	5,786	4,696	4,418
		F	1,372	4,241	6,051	11,856	6,846	5,232	5,119
		<b>Sub-total</b>	<b>3,600</b>	<b>15,650</b>	<b>14,741</b>	<b>23,774</b>	<b>12,632</b>	<b>9,928</b>	<b>9,537</b>
Pedestrian	M	3,664	5,419	794	972	1,943	2,154	2,307	
	F	1,721	2,894	826	1,104	1,585	1,667	1,670	
	<b>Sub-total</b>	<b>5,385</b>	<b>8,313</b>	<b>1,620</b>	<b>2,076</b>	<b>3,528</b>	<b>3,821</b>	<b>3,977</b>	
Others	M	25	15	6	34	41	44	36	
	F	19	24	8	30	37	35	30	
	<b>Sub-total</b>	<b>44</b>	<b>39</b>	<b>14</b>	<b>64</b>	<b>78</b>	<b>79</b>	<b>66</b>	

Note: "Others" include the following: 1) Injuries from motor vehicles except train, streetcar and light vehicle other than bicycle; 2) A person other than pedestrian on the road, a person inside the building, on a farmland or any other place except on the road.

35   39	40   44	45   49	50   54	55   59	60   64	65   69	70   74	75 and over	Total
53,964	41,932	33,752	31,040	39,424	28,387	23,423	18,272	21,315	566,377
41,178	35,021	30,804	30,663	39,217	29,004	24,598	19,485	22,487	468,068
95,142	76,953	64,556	61,703	78,641	57,391	48,021	37,757	43,802	1,034,445
33,085	25,966	21,191	19,717	25,414	17,563	12,906	8,637	7,306	275,348
24,972	21,531	18,627	16,570	17,834	10,097	5,865	3,021	1,357	194,657
58,057	47,497	39,818	36,287	43,248	27,660	18,771	11,658	8,663	470,005
4,401	3,179	2,621	2,621	3,271	2,365	1,940	1,475	1,831	62,577
7,261	5,444	4,961	5,788	8,191	6,866	6,252	5,272	7,279	109,325
11,662	8,623	7,582	8,409	11,462	9,231	8,192	6,747	9,110	171,902
37,486	29,145	23,812	22,338	28,685	19,928	14,846	10,112	9,137	337,925
32,233	26,975	23,588	22,358	26,025	16,963	12,117	8,293	8,636	303,982
69,719	56,120	47,400	44,696	54,710	36,891	26,963	18,405	17,773	641,907
6,053	4,319	2,908	1,953	1,731	1,045	909	720	821	52,776
438	324	190	122	156	122	117	66	58	3,593
6,491	4,643	3,098	2,075	1,887	1,167	1,026	786	879	56,369
17	7	3	2	1	–	2	–	4	1,107
87	33	45	18	20	14	19	12	14	1,461
104	40	48	20	21	14	21	12	18	2,568
6,070	4,326	2,911	1,955	1,732	1,045	911	720	825	53,883
525	357	235	140	176	136	136	78	72	5,054
6,595	4,683	3,146	2,095	1,908	1,181	1,047	798	897	58,937
4,061	2,934	2,218	2,137	2,679	1,985	1,814	1,677	2,648	54,338
1,582	1,556	1,552	1,992	3,616	3,354	2,998	2,068	1,395	33,156
5,643	4,490	3,770	4,129	6,295	5,339	4,812	3,745	4,043	87,494
1	–	–	–	–	–	1	–	–	262
1	1	–	–	1	–	–	1	2	214
2	1	–	–	1	–	1	1	2	476
4,062	2,934	2,218	2,137	2,679	1,985	1,815	1,677	2,648	54,600
1,583	1,557	1,552	1,992	3,617	3,354	2,998	2,069	1,397	33,370
5,645	4,491	3,770	4,129	6,296	5,339	4,813	3,746	4,045	87,970
4,012	3,349	2,911	2,699	3,643	3,305	3,611	3,658	5,808	80,739
5,147	4,622	4,001	4,430	6,761	6,108	6,461	5,550	5,197	87,379
9,159	7,971	6,912	7,129	10,404	9,413	10,072	9,208	11,005	168,118
3	1	–	–	–	–	1	–	–	1,407
9	6	3	–	4	3	5	2	6	1,653
12	7	3	–	4	3	6	2	6	3,060
4,015	3,350	2,911	2,699	3,643	3,305	3,612	3,658	5,808	82,146
5,156	4,628	4,004	4,430	6,765	6,111	6,466	5,552	5,203	89,032
9,171	7,978	6,915	7,129	10,408	9,416	10,078	9,210	11,011	171,178
2,295	2,157	1,876	1,885	2,651	2,107	2,217	2,092	2,875	37,408
1,650	1,480	1,401	1,721	2,598	2,418	2,856	3,473	7,134	36,198
3,945	3,637	3,277	3,606	5,249	4,525	5,073	5,565	10,009	73,606
36	20	24	26	34	17	22	13	22	415
31	24	24	22	36	22	25	20	45	432
67	44	48	48	70	39	47	33	67	847

## 39

## Injuries per 100,000 Persons by Age Group and Road User Type

		Age	6	7	13	16	20	25	30
		Type	and						
			under	12	15	19	24	29	34
Injuries	M		329.3	605.6	621.2	1,643.6	1,760.7	1,507.6	1,268.2
	F		266.7	377.5	548.0	1,162.5	1,338.0	1,131.8	944.0
	Sub-total		298.8	494.4	585.4	1,409.3	1,554.8	1,323.1	1,108.1
Motor vehicle	Driver	M	–	–	0.3	234.9	766.0	830.5	759.4
		F	–	–	–	176.0	614.3	613.2	548.9
		Sub-total	–	–	0.1	206.2	692.1	723.8	655.5
	Passenger	M	179.7	144.7	95.8	192.7	217.7	159.2	110.8
		F	184.2	171.3	151.3	266.8	315.0	254.7	194.7
		Sub-total	181.9	157.7	122.8	228.9	265.0	206.1	152.2
	Total	M	179.7	144.7	96.1	427.6	983.6	989.7	870.2
		F	184.2	171.3	151.3	442.8	929.2	867.9	743.6
		Sub-total	181.9	157.7	123.0	435.1	957.0	929.9	807.6
Motorcycle	Driver	M	–	–	0.7	246.6	301.4	194.8	146.9
		F	–	–	0.1	9.0	20.2	15.2	10.5
		Sub-total	–	–	0.4	130.7	164.6	106.6	79.6
	Passenger	M	0.3	0.7	2.8	22.8	7.3	2.2	0.6
		F	0.1	0.6	1.9	15.3	12.4	5.4	2.6
		Sub-total	0.2	0.7	2.4	19.1	9.8	3.8	1.6
	Total	M	0.3	0.7	3.5	269.4	308.8	197.0	147.5
		F	0.1	0.6	2.0	24.2	32.6	20.6	13.1
		Sub-total	0.2	0.7	2.8	149.8	174.4	110.4	81.2
Moped 1st class	Driver	M	–	0.1	5.4	442.7	258.9	147.1	108.1
		F	–	–	1.1	164.0	135.4	62.1	39.6
		Sub-total	–	0.0	3.3	306.8	198.8	105.3	74.3
	Passenger	M	0.2	0.1	3.7	6.3	0.3	0.1	–
		F	0.1	–	2.4	6.0	0.3	0.1	–
		Sub-total	0.1	0.0	3.1	6.2	0.3	0.1	–
	Total	M	0.2	0.1	9.1	449.0	259.2	147.2	108.1
		F	0.1	–	3.5	169.9	135.7	62.2	39.6
		Sub-total	0.1	0.1	6.4	313.0	199.1	105.5	74.3
Bicycle	Driver	M	31.2	307.5	461.3	455.8	155.1	118.2	93.0
		F	9.6	118.0	333.7	471.5	192.6	136.2	110.7
		Sub-total	20.7	215.1	399.0	463.5	173.3	127.0	101.7
	Passenger	M	24.9	4.1	7.9	3.1	0.6	0.2	0.1
		F	26.7	3.8	10.1	8.1	1.8	0.5	0.2
		Sub-total	25.8	4.0	9.0	5.6	1.2	0.4	0.2
	Total	M	56.1	311.6	469.2	458.9	155.7	118.4	93.1
		F	36.3	121.8	343.8	479.6	194.4	136.7	110.9
		Sub-total	46.5	219.1	408.0	469.1	174.5	127.4	101.9
Pedestrian	M	92.3	148.0	42.9	37.4	52.3	54.3	48.6	
	F	45.5	83.1	46.9	44.7	45.0	43.6	36.2	
	Sub-total	69.5	116.4	44.8	41.0	48.7	49.0	42.5	
Others	M	0.6	0.4	0.3	1.3	1.1	1.1	0.8	
	F	0.5	0.7	0.5	1.2	1.1	0.9	0.7	
	Sub-total	0.6	0.6	0.4	1.3	1.1	1.0	0.7	

Note: Figures are calculated on the basis of the population as of October 1, 2007 as compiled by the Ministry of Internal Affairs and Communications.

35   39	40   44	45   49	50   54	55   59	60   64	65   69	70   74	75 and over	Total
1,133.0	1,012.6	870.1	772.7	763.9	687.2	625.1	572.6	447.1	909.0
883.1	858.6	799.7	760.5	744.0	667.7	601.3	522.1	283.3	715.0
1,009.4	936.1	834.8	766.3	753.8	677.4	612.7	545.4	344.8	809.6
694.6	627.1	546.3	490.8	492.4	425.2	344.4	270.7	153.3	441.9
535.5	527.9	483.6	411.0	398.3	232.4	143.4	81.0	17.1	297.4
615.9	577.8	514.9	450.7	414.5	326.5	239.5	168.4	68.2	367.9
92.4	76.8	67.6	65.3	63.4	57.3	51.8	46.2	38.4	100.4
155.7	133.5	128.8	143.6	155.4	158.1	152.8	141.3	91.7	167.0
123.7	104.9	98.1	104.4	109.9	109.0	104.5	97.5	71.7	134.5
787.0	703.8	613.9	556.1	555.8	482.4	396.2	316.9	191.7	542.3
691.3	661.3	612.4	554.5	493.7	390.5	296.2	222.2	108.8	464.4
739.7	682.6	613.0	555.1	524.4	435.5	344.0	265.9	139.9	502.4
127.1	104.3	75.0	48.6	33.5	25.3	24.3	22.6	17.2	84.7
9.4	7.9	4.9	3.0	3.0	2.8	2.9	1.8	0.7	5.5
68.9	56.5	40.1	25.8	18.1	13.8	13.1	11.4	6.9	44.1
0.4	0.2	0.1	0.1	0.0	–	0.1	–	0.1	1.8
1.9	0.8	1.2	0.5	0.4	0.3	0.5	0.3	0.2	2.2
1.1	0.5	0.6	0.3	0.2	0.2	0.3	0.2	0.1	2.0
127.4	104.5	75.1	48.7	33.6	25.3	24.3	22.6	17.3	86.5
11.3	8.8	6.1	3.5	3.3	3.1	3.3	2.1	0.9	7.7
70.0	57.0	40.7	26.0	18.3	13.9	13.4	11.5	7.1	46.1
85.3	70.9	57.2	53.2	51.9	48.1	48.4	52.6	55.6	87.2
33.9	38.2	40.3	49.4	68.6	77.2	73.3	55.4	17.6	50.7
59.9	54.6	48.8	51.3	60.3	63.0	61.4	54.1	31.8	68.5
0.0	–	–	–	–	–	0.0	–	–	0.4
0.0	0.0	–	–	0.0	–	–	0.0	0.0	0.3
0.0	0.0	–	–	0.0	–	0.0	0.0	0.0	0.4
85.3	70.9	57.2	53.2	51.9	48.1	48.4	52.6	55.6	87.6
34.0	38.2	40.3	49.4	68.6	77.2	73.3	55.4	17.6	51.0
59.9	54.6	48.8	51.3	60.4	63.0	61.4	54.1	31.8	68.9
84.2	80.9	75.1	67.2	70.6	80.0	96.4	114.6	121.8	129.6
110.4	113.3	103.9	109.9	128.3	140.6	157.9	148.7	65.5	133.5
97.2	97.0	89.4	88.5	99.7	111.1	128.5	133.0	86.6	131.6
0.1	0.0	–	–	–	–	0.0	–	–	2.3
0.2	0.2	0.1	–	0.1	0.1	0.1	0.1	0.1	2.5
0.1	0.1	0.0	–	0.0	0.0	0.1	0.0	0.1	2.4
84.3	80.9	75.1	67.2	70.6	80.0	96.4	114.6	121.8	131.8
110.6	113.5	104.0	109.9	128.3	140.7	158.1	148.8	65.6	136.0
97.3	97.0	89.4	88.5	99.8	111.1	128.6	133.0	86.7	134.0
48.2	52.1	48.4	46.9	51.4	51.0	59.2	65.6	60.3	60.0
35.4	36.3	36.4	42.7	49.3	55.7	69.8	93.1	89.9	55.3
41.9	44.2	42.4	44.8	50.3	53.4	64.7	80.4	78.8	57.6
0.8	0.5	0.6	0.7	0.7	0.4	0.6	0.4	0.5	0.7
0.7	0.6	0.6	0.6	0.7	0.5	0.6	0.5	0.6	0.7
0.7	0.5	0.6	0.6	0.7	0.5	0.6	0.5	0.5	0.7

# 40

## Casualties by Vehicle Part which Inflicted Injury, Seating Position and Seat Belt Use

Seating position		Seat belt	Driver			Sub-total
			Used	Not used	Un-known	
Vehicle part which inflicted injury						
Thrown from vehicle		Fatalities	7	89	5	101
		Injuries	45	96	16	157
Vehicle part which inflicted injury	Steering wheel	Fatalities	219	277	25	521
		Injuries	14,561	1,084	205	15,850
	Windscreen	Fatalities	35	50	1	86
		Injuries	1,578	634	56	2,268
	Dashboard	Fatalities	71	28	1	100
		Injuries	3,969	279	38	4,286
	Door fittings	Fatalities	77	58	3	138
		Injuries	12,235	622	88	12,945
	Pillars	Fatalities	24	12	–	36
		Injuries	1,183	51	11	1,245
	Roof	Fatalities	23	25	3	51
		Injuries	1,808	95	12	1,915
	Seats	Fatalities	76	20	4	100
		Injuries	317,437	4,295	1,288	323,020
Others	Fatalities	156	96	11	263	
	Injuries	92,164	1,563	663	94,390	
<b>Sub-total</b>		<b>Fatalities</b>	<b>681</b>	<b>566</b>	<b>48</b>	<b>1,295</b>
		<b>Injuries</b>	<b>444,935</b>	<b>8,623</b>	<b>2,361</b>	<b>455,919</b>
Others		Fatalities	78	69	6	153
		Injuries	13,217	608	104	13,929
<b>Total</b>		<b>Fatalities</b>	<b>766</b>	<b>724</b>	<b>59</b>	<b>1,549</b>
		<b>Injuries</b>	<b>458,197</b>	<b>9,327</b>	<b>2,481</b>	<b>470,005</b>

Front Seat Passenger				Rear Seat Passenger & Others				Total			
Used	Not used	Un-known	Sub-total	Used	Not used	Un-known	Sub-total	Used	Not used	Un-known	Sub-total
2	16	2	<b>20</b>	1	45	1	<b>47</b>	10	150	8	<b>168</b>
8	42	1	<b>51</b>	18	111	1	<b>130</b>	71	249	18	<b>338</b>
–	2	–	<b>2</b>	–	–	–	<b>–</b>	219	279	25	<b>523</b>
125	9	3	<b>137</b>	14	4	–	<b>18</b>	14,700	1,097	208	<b>16,005</b>
10	6	–	<b>16</b>	–	4	–	<b>4</b>	45	60	1	<b>106</b>
511	501	28	<b>1,040</b>	19	69	3	<b>91</b>	2,108	1,204	87	<b>3,399</b>
21	17	1	<b>39</b>	–	1	–	<b>1</b>	92	46	2	<b>140</b>
1,005	323	20	<b>1,348</b>	24	50	2	<b>76</b>	4,998	652	60	<b>5,710</b>
26	14	–	<b>40</b>	–	24	1	<b>25</b>	103	96	4	<b>203</b>
3,155	436	32	<b>3,623</b>	510	1,989	62	<b>2,561</b>	15,900	3,047	182	<b>19,129</b>
4	4	–	<b>8</b>	1	10	–	<b>11</b>	29	26	–	<b>55</b>
314	44	1	<b>359</b>	72	312	6	<b>390</b>	1,569	407	18	<b>1,994</b>
6	6	–	<b>12</b>	3	5	1	<b>9</b>	32	36	4	<b>72</b>
480	55	6	<b>541</b>	131	392	15	<b>538</b>	2,419	542	33	<b>2,994</b>
19	6	–	<b>25</b>	11	33	1	<b>45</b>	106	59	5	<b>170</b>
64,358	2,711	338	<b>67,407</b>	14,853	34,054	1,115	<b>50,022</b>	396,648	41,060	2,741	<b>440,449</b>
50	22	4	<b>76</b>	9	41	2	<b>52</b>	215	159	17	<b>391</b>
20,429	1,434	159	<b>22,022</b>	5,103	10,847	424	<b>16,374</b>	117,696	13,844	1,246	<b>132,786</b>
136	77	5	<b>218</b>	24	118	5	<b>147</b>	841	761	58	<b>1,660</b>
90,377	5,513	587	<b>96,477</b>	20,726	47,717	1,627	<b>70,070</b>	556,038	61,853	4,575	<b>622,466</b>
8	9	2	<b>19</b>	1	12	–	<b>13</b>	87	90	8	<b>185</b>
2,734	171	11	<b>2,916</b>	675	1,511	72	<b>2,258</b>	16,626	2,290	187	<b>19,103</b>
146	102	9	<b>257</b>	26	175	6	<b>207</b>	938	1,001	74	<b>2,013</b>
93,119	5,726	599	<b>99,444</b>	21,419	49,339	1,700	<b>72,458</b>	572,735	64,392	4,780	<b>641,907</b>

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## Casualties by Age Group, Seating Position and Seat Belt Use

Age group	Seating position		Seat belt	Driver			Sub-total
				Used	Not used	Un-known	
15 and under	6 and under	Fatalities	-	-	-	-	
		Injuries	-	-	-	-	
	7 – 12	Fatalities	-	-	-	-	
		Injuries	-	-	-	-	
	13 – 15	Fatalities	-	-	-	-	
		Injuries	-	5	-	5	
<b>Sub-total</b>	<b>Fatalities</b>	-	-	-	-		
	<b>Injuries</b>	-	5	-	5		
16 – 24	16 – 19	Fatalities	26	31	1	58	
		Injuries	9,875	490	86	10,451	
	20 – 24	Fatalities	58	92	8	158	
		Injuries	48,253	1,554	285	50,092	
	<b>Sub-total</b>	<b>Fatalities</b>	84	123	9	216	
		<b>Injuries</b>	58,128	2,044	371	60,543	
25 – 64	25 – 29	Fatalities	46	65	8	119	
		Injuries	54,802	1,329	289	56,420	
	30 – 34	Fatalities	38	50	3	91	
		Injuries	59,856	1,195	327	61,378	
	35 – 39	Fatalities	41	47	6	94	
		Injuries	56,740	1,039	278	58,057	
	40 – 44	Fatalities	47	43	4	94	
		Injuries	46,627	635	235	47,497	
	45 – 49	Fatalities	57	53	3	113	
		Injuries	39,120	537	161	39,818	
	50 – 54	Fatalities	62	50	4	116	
		Injuries	35,605	499	183	36,287	
	55 – 59	Fatalities	87	74	5	166	
		Injuries	42,359	670	219	43,248	
	60 – 64	Fatalities	66	36	7	109	
		Injuries	27,108	412	140	27,660	
<b>Sub-total</b>	<b>Fatalities</b>	444	418	40	902		
	<b>Injuries</b>	362,217	6,316	1,832	370,365		
65 and over	65 – 69	Fatalities	62	45	2	109	
		Injuries	18,331	336	104	18,771	
	70 – 74	Fatalities	57	52	3	112	
		Injuries	11,311	269	78	11,658	
	75 – 79	Fatalities	59	43	3	105	
		Injuries	5,592	204	62	5,858	
	80 and over	Fatalities	60	43	2	105	
		Injuries	2,618	153	34	2,805	
	<b>Sub-total</b>	<b>Fatalities</b>	238	183	10	431	
		<b>Injuries</b>	37,852	962	278	39,092	
<b>Total</b>	<b>Fatalities</b>	766	724	59	1,549		
	<b>Injuries</b>	458,197	9,327	2,481	470,005		

Front Seat Passenger				Rear Seat Passenger & Others				Total			
Used	Not used	Un-known	Sub-total	Used	Not used	Un-known	Sub-total	Used	Not used	Un-known	Sub-total
4	4	–	8	6	9	–	15	10	13	–	23
2,952	704	48	3,704	6,731	3,448	211	10,390	9,683	4,152	259	14,094
4	–	–	4	–	5	–	5	4	5	–	9
3,050	383	26	3,459	1,958	5,613	233	7,804	5,008	5,996	259	11,263
1	–	–	1	–	1	1	2	1	1	1	3
1,782	146	22	1,950	529	1,903	56	2,488	2,311	2,054	78	4,443
9	4	–	13	6	15	1	22	15	19	1	35
7,784	1,233	96	9,113	9,218	10,964	500	20,682	17,002	12,202	596	29,800
14	17	1	32	–	23	3	26	40	71	5	116
6,247	673	54	6,974	942	3,585	100	4,627	17,064	4,748	240	22,052
11	15	3	29	–	16	1	17	69	123	12	204
12,192	957	76	13,225	1,417	4,378	158	5,953	61,862	6,889	519	69,270
25	32	4	61	–	39	4	43	109	194	17	320
18,439	1,630	130	20,199	2,359	7,963	258	10,580	78,926	11,637	759	91,322
5	10	–	15	–	9	–	9	51	84	8	143
10,294	606	76	10,976	1,286	3,683	118	5,087	66,382	5,618	483	72,483
5	7	–	12	–	9	–	9	43	66	3	112
8,855	405	46	9,306	1,291	3,538	112	4,941	70,002	5,138	485	75,625
3	5	–	8	1	6	–	7	45	58	6	109
7,112	323	32	7,467	1,071	3,032	92	4,195	64,923	4,394	402	69,719
1	–	–	1	–	3	–	3	48	46	4	98
5,270	203	21	5,494	724	2,329	76	3,129	52,621	3,167	332	56,120
5	1	1	7	1	4	–	5	63	58	4	125
4,740	171	29	4,940	611	1,966	65	2,642	44,471	2,674	255	47,400
5	3	–	8	1	6	–	7	68	59	4	131
5,366	156	30	5,552	669	2,117	71	2,857	41,640	2,772	284	44,696
11	9	–	20	–	7	–	7	98	90	5	193
7,131	231	40	7,402	971	2,999	90	4,060	50,461	3,900	349	54,710
11	5	–	16	–	10	–	10	77	51	7	135
5,722	149	25	5,896	756	2,493	86	3,335	33,586	3,054	251	36,891
46	40	1	87	3	54	–	57	493	512	41	1,046
54,490	2,244	299	57,033	7,379	22,157	710	30,246	424,086	30,717	2,841	457,644
10	6	1	17	–	10	–	10	72	61	3	136
4,809	171	19	4,999	758	2,364	71	3,193	23,898	2,871	194	26,963
19	4	–	23	2	18	1	21	78	74	4	156
3,742	149	16	3,907	619	2,170	51	2,840	15,672	2,588	145	18,405
13	4	1	18	2	17	–	19	74	64	4	142
2,294	136	24	2,454	479	1,784	54	2,317	8,365	2,124	140	10,629
24	12	2	38	13	22	–	35	97	77	4	178
1,561	163	15	1,739	607	1,937	56	2,600	4,786	2,253	105	7,144
66	26	4	96	17	67	1	85	321	276	15	612
12,406	619	74	13,099	2,463	8,255	232	10,950	52,721	9,836	584	63,141
146	102	9	257	26	175	6	207	938	1,001	74	2,013
93,119	5,726	599	99,444	21,419	49,339	1,700	72,458	572,735	64,392	4,780	641,907

# 42

## Casualties by Road User Type and Main Part of Body Injured

	Main injured part	Body overall	Head	Face	Neck	Chest	Abdomen	Back	Hip	Arm	Leg	Others (Suffocation, Drowning, etc.)	Total
Motor vehicle	Fatalities	208	708	21	91	605	248	4	43	5	40	40	2,013
	Serious injuries	–	1,514	757	3,745	3,952	664	187	1,347	2,209	3,273	6	17,654
	Slight injuries	–	26,282	10,721	497,422	23,722	2,997	3,900	27,145	15,329	16,690	45	624,253
	<b>Sub-total</b>	<b>208</b>	<b>28,504</b>	<b>11,499</b>	<b>501,258</b>	<b>28,279</b>	<b>3,909</b>	<b>4,091</b>	<b>28,535</b>	<b>17,543</b>	<b>20,003</b>	<b>91</b>	<b>643,920</b>
Motorcycle	Fatalities	46	241	14	41	141	49	2	16	1	6	2	559
	Serious injuries	–	538	298	208	1,256	148	108	434	2,047	3,176	–	8,213
	Slight injuries	–	2,056	1,593	6,541	2,754	503	533	3,703	11,111	21,903	27	50,724
	<b>Sub-total</b>	<b>46</b>	<b>2,835</b>	<b>1,905</b>	<b>6,790</b>	<b>4,151</b>	<b>700</b>	<b>643</b>	<b>4,153</b>	<b>13,159</b>	<b>25,085</b>	<b>29</b>	<b>59,496</b>
Moped 1st class	Fatalities	33	241	3	13	114	34	3	19	–	8	4	472
	Serious injuries	–	1,083	575	259	1,887	167	137	630	2,829	4,231	2	11,800
	Slight injuries	–	5,048	4,333	9,687	4,364	672	776	5,792	15,925	29,553	20	76,170
	<b>Sub-total</b>	<b>33</b>	<b>6,372</b>	<b>4,911</b>	<b>9,959</b>	<b>6,365</b>	<b>873</b>	<b>916</b>	<b>6,441</b>	<b>18,754</b>	<b>33,792</b>	<b>26</b>	<b>88,442</b>
Bicycle	Fatalities	46	501	9	29	72	23	1	41	1	9	13	745
	Serious injuries	–	2,357	527	289	1,610	117	147	992	2,676	3,992	2	12,709
	Slight injuries	–	20,189	8,120	13,676	7,297	1,516	1,340	14,487	28,256	63,545	43	158,469
	<b>Sub-total</b>	<b>46</b>	<b>23,047</b>	<b>8,656</b>	<b>13,994</b>	<b>8,979</b>	<b>1,656</b>	<b>1,488</b>	<b>15,520</b>	<b>30,933</b>	<b>67,546</b>	<b>58</b>	<b>171,923</b>
Pedestrian	Fatalities	137	1,116	20	62	293	101	4	175	3	29	3	1,943
	Serious injuries	–	2,104	362	172	870	127	79	1,031	1,316	4,502	1	10,564
	Slight injuries	–	10,211	3,664	4,088	2,236	552	811	7,213	12,187	22,065	15	63,042
	<b>Sub-total</b>	<b>137</b>	<b>13,431</b>	<b>4,046</b>	<b>4,322</b>	<b>3,399</b>	<b>780</b>	<b>894</b>	<b>8,419</b>	<b>13,506</b>	<b>26,596</b>	<b>19</b>	<b>75,549</b>
Others	Fatalities	–	7	–	–	–	3	–	2	–	–	–	12
	Serious injuries	–	15	1	6	8	2	1	7	8	20	–	68
	Slight injuries	–	74	32	323	36	8	14	77	73	126	–	763
	<b>Sub-total</b>	<b>–</b>	<b>96</b>	<b>33</b>	<b>329</b>	<b>44</b>	<b>13</b>	<b>15</b>	<b>86</b>	<b>81</b>	<b>146</b>	<b>–</b>	<b>843</b>
Unknown	Fatalities	–	–	–	–	–	–	–	–	–	–	–	–
	Serious injuries	–	–	1	–	–	–	–	–	–	1	–	2
	Slight injuries	–	5	1	5	–	–	–	1	–	2	–	14
	<b>Sub-total</b>	<b>–</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>1</b>	<b>–</b>	<b>3</b>	<b>–</b>	<b>16</b>
<b>Overall Total</b>	Fatalities	470	2,814	67	236	1,225	458	14	296	10	92	62	5,744
	Serious injuries	–	7,611	2,521	4,679	9,583	1,225	659	4,441	11,085	19,195	11	61,010
	Slight injuries	–	63,865	28,464	531,742	40,409	6,248	7,374	58,418	82,881	153,884	150	973,435
	<b>Grand total</b>	<b>470</b>	<b>74,290</b>	<b>31,052</b>	<b>536,657</b>	<b>51,217</b>	<b>7,931</b>	<b>8,047</b>	<b>63,155</b>	<b>93,976</b>	<b>173,171</b>	<b>223</b>	<b>1,040,189</b>

# 43

## Section 4 CHILD CASUALTIES Child Casualties by School Grade and Day of Week

		Day							
		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
School grade									
Infants	Pre-nursery	3	4	3	4	8	2	6	30
	school infants	1,520	1,373	1,446	1,317	1,515	1,840	1,861	10,872
	Nursery school	4	2	1	3	1	4	9	24
	age infants	1,289	1,096	1,042	1,035	1,130	1,563	1,585	8,740
	<b>Sub-total</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>15</b>	<b>54</b>
		<b>2,809</b>	<b>2,469</b>	<b>2,488</b>	<b>2,352</b>	<b>2,645</b>	<b>3,403</b>	<b>3,446</b>	<b>19,612</b>
Elementary school student	First grade	–	3	–	1	–	3	1	8
		955	908	935	943	968	994	925	6,628
	Second grade	2	2	3	2	2	1	–	12
		994	934	964	947	969	1,051	934	6,793
	Third grade	2	2	–	–	–	2	–	6
		920	861	894	909	862	1,047	938	6,431
	Fourth grade	1	–	–	–	1	3	–	5
		834	772	834	762	751	925	797	5,675
Fifth grade	2	–	2	2	1	–	2	9	
	741	611	707	609	679	905	781	5,033	
Sixth grade	–	1	1	1	–	2	–	5	
	684	617	692	584	613	856	732	4,778	
<b>Sub-total</b>	<b>7</b>	<b>8</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>11</b>	<b>3</b>	<b>45</b>	
		<b>5,128</b>	<b>4,703</b>	<b>5,026</b>	<b>4,754</b>	<b>4,842</b>	<b>5,778</b>	<b>5,107</b>	<b>35,338</b>
Junior high school student	First grade	–	–	–	–	1	2	–	3
		1,014	901	933	906	956	1,061	928	6,699
	Second grade	–	–	1	1	4	2	1	9
		880	800	797	787	781	959	804	5,808
	Third grade	2	–	1	–	–	1	–	4
	831	761	788	766	806	858	740	5,550	
<b>Sub-total</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>16</b>	
		<b>2,725</b>	<b>2,462</b>	<b>2,518</b>	<b>2,459</b>	<b>2,543</b>	<b>2,878</b>	<b>2,472</b>	<b>18,057</b>
<b>Total</b>	<b>16</b>	<b>14</b>	<b>12</b>	<b>14</b>	<b>18</b>	<b>22</b>	<b>19</b>	<b>115</b>	
		<b>10,662</b>	<b>9,634</b>	<b>10,032</b>	<b>9,565</b>	<b>10,030</b>	<b>12,059</b>	<b>11,025</b>	<b>73,007</b>

Notes: 1) Kindergarten : aged 3-6

Elementary school student : aged 7-12

Junior high school student : aged 13-15

2) The upper figure represents the number of fatalities and the lower represents that of injuries.

## Child Casualties by School Grade and Time

School grade	Time	0	4	6	8	10	12	14	16	18	20	Total
		 4	 6	 8	 10	 12	 14	 16	 18	 20	 24	
Infants	Pre-nursery	–	–	1	4	6	5	5	5	3	1	30
	school infants	83	20	213	1,311	1,895	1,612	1,898	2,031	1,162	647	10,872
	Nursery school	1	–	2	3	1	3	3	3	5	3	24
	age infants	41	15	255	1,380	1,032	967	1,643	2,069	974	364	8,740
	<b>Sub-total</b>	<b>1</b>	<b>–</b>	<b>3</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4</b>	<b>54</b>
		<b>124</b>	<b>35</b>	<b>468</b>	<b>2,691</b>	<b>2,927</b>	<b>2,579</b>	<b>3,541</b>	<b>4,100</b>	<b>2,136</b>	<b>1,011</b>	<b>19,612</b>
Elementary school student	First grade	–	–	–	1	–	2	1	3	1	–	8
		22	12	402	403	558	660	1,749	2,029	594	199	6,628
	Second grade	–	–	1	1	1	1	3	2	3	–	12
		25	10	327	371	510	663	1,771	2,254	679	183	6,793
	Third grade	–	–	–	–	–	1	2	2	1	–	6
		15	23	302	359	485	695	1,426	2,293	636	197	6,431
	Fourth grade	–	–	1	–	1	2	1	–	–	–	5
		11	13	234	327	375	585	1,166	2,157	636	171	5,675
Fifth grade	–	1	1	1	1	–	–	2	2	1	9	
	9	18	231	284	380	553	938	1,746	663	211	5,033	
Sixth grade	–	–	–	–	–	1	2	1	–	1	5	
	9	13	199	285	338	556	924	1,565	662	227	4,778	
<b>Sub-total</b>	<b>–</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>9</b>	<b>10</b>	<b>7</b>	<b>2</b>	<b>45</b>	
	<b>91</b>	<b>89</b>	<b>1,695</b>	<b>2,029</b>	<b>2,646</b>	<b>3,712</b>	<b>7,974</b>	<b>12,044</b>	<b>3,870</b>	<b>1,188</b>	<b>35,338</b>	
Junior high school student	First grade	–	1	–	–	1	–	–	1	–	–	3
		14	13	1,075	652	373	722	802	1,627	1,068	353	6,699
	Second grade	–	–	4	1	1	–	–	–	2	1	9
		25	28	750	636	354	537	719	1,306	1,037	416	5,808
	Third grade	1	–	–	–	–	–	2	1	–	–	4
	65	22	566	648	377	549	646	1,142	1,033	502	5,550	
<b>Sub-total</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>16</b>	
	<b>104</b>	<b>63</b>	<b>2,391</b>	<b>1,936</b>	<b>1,104</b>	<b>1,808</b>	<b>2,167</b>	<b>4,075</b>	<b>3,138</b>	<b>1,271</b>	<b>18,057</b>	
<b>Total</b>	<b>2</b>	<b>2</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>15</b>	<b>19</b>	<b>20</b>	<b>17</b>	<b>7</b>	<b>115</b>	
	<b>319</b>	<b>187</b>	<b>4,554</b>	<b>6,656</b>	<b>6,677</b>	<b>8,099</b>	<b>13,682</b>	<b>20,219</b>	<b>9,144</b>	<b>3,470</b>	<b>73,007</b>	

Note: The upper figure represents the number of fatalities and the lower represents that of injuries.

## Casualties of Child Pedestrians by School Grade and Day of Week

		Day							
		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
School grade									
Infants	Pre-nursery	2	2	3	1	4	2	3	17
	school infants	211	194	228	221	218	257	264	1,593
	Nursery school	3	1	–	2	–	2	4	12
	age infants	307	286	291	271	299	448	388	2,290
	<b>Sub-total</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>7</b>	<b>29</b>
		<b>518</b>	<b>480</b>	<b>519</b>	<b>492</b>	<b>517</b>	<b>705</b>	<b>652</b>	<b>3,883</b>
Elementary school student	First grade	–	2	–	1	–	–	1	4
		430	430	455	461	480	280	201	2,737
	Second grade	1	1	3	1	1	–	–	7
		348	415	369	394	395	259	163	2,343
	Third grade	1	1	–	–	–	–	–	2
		256	269	282	313	283	179	124	1,706
	Fourth grade	1	–	–	–	1	1	–	3
		177	193	212	196	178	113	83	1,152
Fifth grade	–	–	2	1	–	–	–	3	
	151	134	132	120	144	82	64	827	
Sixth grade	–	–	–	–	–	–	–	–	
	89	104	112	120	98	72	58	653	
	<b>Sub-total</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>19</b>
		<b>1,451</b>	<b>1,545</b>	<b>1,562</b>	<b>1,604</b>	<b>1,578</b>	<b>985</b>	<b>693</b>	<b>9,418</b>
Junior high school student	First grade	–	–	–	–	–	1	–	1
		109	113	130	120	138	85	57	752
	Second grade	–	–	1	1	1	1	–	4
		99	103	84	97	96	45	47	571
	Third grade	–	–	1	–	–	–	–	1
	96	76	70	71	81	40	24	458	
	<b>Sub-total</b>	<b>–</b>	<b>–</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>–</b>	<b>6</b>
		<b>304</b>	<b>292</b>	<b>284</b>	<b>288</b>	<b>315</b>	<b>170</b>	<b>128</b>	<b>1,781</b>
<b>Total</b>		<b>8</b>	<b>7</b>	<b>10</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>54</b>
		<b>2,273</b>	<b>2,317</b>	<b>2,365</b>	<b>2,384</b>	<b>2,410</b>	<b>1,860</b>	<b>1,473</b>	<b>15,082</b>

Note: The upper figure represents the number of fatalities and the lower represents that of injuries.

# 46

## Casualties of Child Pedestrians by School Grade and Purpose of Travel

School grade		Infants						Elementary school student					
		Pre-nursery school infants		Nursery school age infants		Sub-total		1st grade		2nd grade		3rd grade	
Purpose of travel													
While working	Driving at work	-	-	-	-	-	-	-	-	-	-	-	-
	For work	-	1	-	-	-	1	-	-	-	-	-	-
	<b>Sub-total</b>	-	1	-	-	-	1	-	-	-	-	-	-
While commuting to work	Going to work	-	-	-	-	-	-	-	1	-	1	-	-
	Going home from work	-	-	-	1	-	1	-	1	-	1	-	-
	<b>Sub-total</b>	-	-	-	1	-	1	-	2	-	2	-	-
While going to / from school	Going to school	-	-	1	91	1	91	-	417	1	297	-	248
	During school	-	-	-	3	-	3	-	3	-	7	-	3
	Going home from school	-	-	-	104	-	104	-	604	2	451	1	299
	<b>Sub-total</b>	-	-	1	198	1	198	-	1,024	3	755	1	550
Private	Sightseeing/Entertainment	2	41	-	80	2	121	-	61	-	37	-	36
	Driving	-	-	-	-	-	-	-	-	-	-	-	-
	Walking	-	133	-	133	-	266	-	92	-	78	-	52
	Eating	-	37	-	21	-	58	-	13	-	10	-	3
	Shopping	2	317	4	347	6	664	-	206	1	196	-	143
	Visiting people	2	116	1	234	3	350	1	297	-	265	-	186
	Picking up / sending off	1	25	-	32	1	57	-	9	-	13	-	4
	Hospital visiting	-	18	1	19	1	37	-	2	-	2	-	2
	Visiting parents	-	10	-	26	-	36	-	33	-	26	-	17
	Playing	6	356	2	540	8	896	2	474	1	458	-	325
	Elderly Wandering	-	3	-	3	-	6	-	-	-	-	-	2
	Others	4	531	3	653	7	1,184	1	520	2	500	1	386
	<b>Sub-total</b>	17	1,587	11	2,088	28	3,675	4	1,707	4	1,585	1	1,156
Unknown		-	5	-	3	-	8	-	4	-	1	-	-
<b>Total</b>		17	1,593	12	2,290	29	3,883	4	2,737	7	2,343	2	1,706

Notes: 1) The left figure represents the number of fatalities and the right represents that of injuries.

2) The figures for kindergartners include day-care children.

Elementary school student								Junior high school student									
4th grade	5th grade	6th grade	Sub-total		1st grade	2nd grade	3rd grade	Sub-total		Total							
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2
-	1	-	-	-	-	-	3	-	-	-	-	-	1	-	1	-	5
-	1	-	-	-	-	-	5	-	-	-	-	-	1	-	1	-	7
-	167	2	138	-	110	3	1,377	-	206	2	160	-	130	2	496	6	1,964
-	4	-	5	-	8	-	30	-	12	-	7	-	10	-	29	-	62
1	240	-	163	-	129	4	1,886	1	207	-	157	-	96	1	460	5	2,450
1	411	2	306	-	247	7	3,293	1	425	2	324	-	236	3	985	11	4,476
-	20	-	17	-	11	-	182	-	13	-	12	-	10	-	35	2	338
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	30	-	29	-	21	-	302	-	20	-	17	-	12	-	49	-	617
-	5	-	4	-	3	-	38	-	5	-	4	-	4	-	13	-	109
-	84	1	71	-	58	2	758	-	63	1	55	-	39	1	157	9	1,579
2	114	-	77	-	53	3	992	-	47	1	43	-	40	1	130	7	1,472
-	4	-	6	-	2	-	38	-	-	-	1	-	4	-	5	1	100
-	3	-	1	-	3	-	13	-	-	-	1	-	2	-	3	1	53
-	12	-	11	-	6	-	105	-	3	-	2	-	1	-	6	-	147
-	212	-	124	-	101	3	1,694	-	48	-	16	1	16	1	80	12	2,670
-	-	-	1	-	1	-	4	-	1	-	-	-	-	-	1	-	11
-	256	-	178	-	145	4	1,985	-	126	-	96	-	90	-	312	11	3,481
2	740	1	519	-	404	12	6,111	-	326	2	247	1	218	3	791	43	10,577
-	-	-	2	-	-	-	7	-	1	-	-	-	3	-	4	-	19
3	1,152	3	827	-	653	19	9,418	1	752	4	571	1	458	6	1,781	54	15,082

# 47

## Casualties of Child Pedestrians by School Grade and Time

School grade	Time	0	4	6	8	10	12	14	16	18	20	Total
		4	6	8	10	12	14	16	18	20	24	
Infants	Pre-nursery	–	–	–	3	3	3	3	3	2	–	17
	school infants	7	1	16	147	241	220	306	371	212	72	1,593
	Nursery school	1	–	–	1	–	2	1	2	5	–	12
	age infants	4	2	48	202	264	271	465	690	280	64	2,290
	<b>Sub-total</b>	<b>1</b>	<b>–</b>	<b>–</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>–</b>	<b>29</b>
		<b>11</b>	<b>3</b>	<b>64</b>	<b>349</b>	<b>505</b>	<b>491</b>	<b>771</b>	<b>1,061</b>	<b>492</b>	<b>136</b>	<b>3,883</b>
Elementary school student	First grade	–	–	–	–	–	1	1	2	–	–	4
		–	4	341	186	133	232	902	726	182	31	2,737
	Second grade	–	–	–	1	–	1	2	2	1	–	7
		3	2	249	140	122	168	770	688	173	28	2,343
	Third grade	–	–	–	–	–	–	1	–	1	–	2
		2	1	204	108	70	141	442	597	122	19	1,706
	Fourth grade	–	–	1	–	1	–	1	–	–	–	3
		–	–	132	91	38	87	274	414	102	14	1,152
Fifth grade	–	–	1	1	–	–	–	1	–	–	3	
	–	–	118	45	35	53	193	278	88	17	827	
Sixth grade	–	–	–	–	–	–	–	–	–	–	–	
	–	3	83	56	34	56	136	207	62	16	653	
<b>Sub-total</b>	<b>–</b>	<b>–</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>5</b>	<b>2</b>	<b>–</b>	<b>19</b>	
	<b>5</b>	<b>10</b>	<b>1,127</b>	<b>626</b>	<b>432</b>	<b>737</b>	<b>2,717</b>	<b>2,910</b>	<b>729</b>	<b>125</b>	<b>9,418</b>	
Junior high school student	First grade	–	–	–	–	1	–	–	–	–	–	1
		–	1	127	107	27	47	84	193	127	39	752
	Second grade	–	–	2	–	–	–	–	–	1	1	4
		–	1	100	88	18	28	64	139	104	29	571
	Third grade	–	–	–	–	–	–	1	–	–	–	1
	5	2	66	83	17	26	41	97	77	44	458	
<b>Sub-total</b>	<b>–</b>	<b>–</b>	<b>2</b>	<b>–</b>	<b>1</b>	<b>–</b>	<b>1</b>	<b>–</b>	<b>1</b>	<b>1</b>	<b>6</b>	
	<b>5</b>	<b>4</b>	<b>293</b>	<b>278</b>	<b>62</b>	<b>101</b>	<b>189</b>	<b>429</b>	<b>308</b>	<b>112</b>	<b>1,781</b>	
<b>Total</b>	<b>1</b>	<b>–</b>	<b>4</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>1</b>	<b>54</b>	
	<b>21</b>	<b>17</b>	<b>1,484</b>	<b>1,253</b>	<b>999</b>	<b>1,329</b>	<b>3,677</b>	<b>4,400</b>	<b>1,529</b>	<b>373</b>	<b>15,082</b>	

Note: The upper figure represents the number of fatalities and the lower represents that of injuries.

# 48

## Casualties of Child Pedestrians by School Grade and Distance from Home

		Distance from home						Unknown	Total
		Within 50m	Within 100m	Within 500m	Within 1,000m	Within 2,000m	2,001m and further		
School grade									
Infants	Pre-nursery school	10	–	4	1	1	1	–	17
	infants	431	201	254	203	112	376	16	1,593
	Nursery school	1	1	2	3	2	3	–	12
	age infants	592	327	442	287	154	473	15	2,290
	<b>Sub-total</b>	<b>11</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>–</b>	<b>29</b>
		<b>1,023</b>	<b>528</b>	<b>696</b>	<b>490</b>	<b>266</b>	<b>849</b>	<b>31</b>	<b>3,883</b>
Elementary school student	First grade	2	1	–	–	–	1	–	4
		489	445	873	479	187	244	20	2,737
	Second grade	2	1	3	1	–	–	–	7
		384	427	745	374	171	231	11	2,343
	Third grade	–	–	2	–	–	–	–	2
		290	276	541	320	114	156	9	1,706
	Fourth grade	1	–	1	–	–	1	–	3
		171	183	394	216	88	92	8	1,152
Fifth grade	–	1	–	1	1	–	–	3	
	106	118	273	166	72	89	3	827	
Sixth grade	–	–	–	–	–	–	–	–	
	78	82	214	151	53	71	4	653	
	<b>Sub-total</b>	<b>5</b>	<b>3</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>–</b>	<b>19</b>
		<b>1,518</b>	<b>1,531</b>	<b>3,040</b>	<b>1,706</b>	<b>685</b>	<b>883</b>	<b>55</b>	<b>9,418</b>
Junior high school student	First grade	–	–	–	1	–	–	–	1
		62	74	239	168	90	116	3	752
	Second grade	3	–	1	–	–	–	–	4
		42	52	169	133	76	95	4	571
	Third grade	–	–	–	–	–	1	–	1
	25	50	126	125	54	75	3	458	
	<b>Sub-total</b>	<b>3</b>	<b>–</b>	<b>1</b>	<b>1</b>	<b>–</b>	<b>1</b>	<b>–</b>	<b>6</b>
		<b>129</b>	<b>176</b>	<b>534</b>	<b>426</b>	<b>220</b>	<b>286</b>	<b>10</b>	<b>1,781</b>
<b>Total</b>		<b>19</b>	<b>4</b>	<b>13</b>	<b>7</b>	<b>4</b>	<b>7</b>	<b>–</b>	<b>54</b>
		<b>2,670</b>	<b>2,235</b>	<b>4,270</b>	<b>2,622</b>	<b>1,171</b>	<b>2,018</b>	<b>96</b>	<b>15,082</b>

Note: The upper figure represents the number of fatalities and the lower represents that of injuries.

## Section 5 TRAFFIC ACCIDENTS ON EXPRESSWAYS

### Trends in Traffic Accidents and Casualties on Expressways

Year	Total		Fatalities		Serious injuries		Slight injuries		Length of expressways (km)
	Accidents	Persons	Accidents	Persons	Accidents	Persons	Accidents	Persons	
1986	5,129	9,023	215	241	607	765	4,307	8,017	4,423.6
1987	5,811	10,224	220	239	618	775	4,973	9,210	4,746.6
1988	6,636	11,536	290	335	687	885	5,659	10,316	5,119.8
<b>1989</b>	<b>8,337</b>	<b>14,635</b>	<b>386</b>	<b>439</b>	<b>913</b>	<b>1,186</b>	<b>7,038</b>	<b>13,010</b>	<b>5,290.0</b>
1990	9,060	15,647	401	459	1,018	1,333	7,641	13,855	5,563.6
1991	9,756	16,924	449	522	1,157	1,504	8,150	14,898	5,816.2
1992	9,785	16,106	402	449	1,023	1,323	8,360	14,334	6,060.6
1993	11,127	18,030	395	451	1,114	1,401	9,618	16,178	6,411.6
1994	11,628	18,721	366	402	1,067	1,366	10,195	16,953	6,617.6
1995	11,304	18,131	375	416	1,101	1,404	9,828	16,311	6,878.9
1996	11,673	18,669	359	413	1,091	1,371	10,223	16,885	7,017.3
1997	11,914	18,868	353	397	1,033	1,278	10,528	17,193	7,426.7
1998	12,029	19,625	326	366	1,063	1,304	10,640	17,955	7,724.6
1999	12,986	21,402	296	323	1,155	1,423	11,535	19,656	7,984.8
2000	14,325	23,548	327	367	1,194	1,444	12,804	21,737	8,282.1
2001	14,726	24,277	336	389	1,165	1,428	13,225	22,460	8,644.3
2002	14,083	23,213	290	338	1,193	1,469	12,600	21,406	8,978.5
2003	13,992	23,012	306	351	1,077	1,378	12,609	21,283	9,262.9
2004	13,797	22,448	272	329	1,003	1,273	12,522	20,846	9,373.9
2005	13,775	22,216	249	285	931	1,119	12,595	20,812	9,533.4
2006	13,803	22,269	234	262	860	1,040	12,709	20,967	9,749.7
<b>2007</b>	<b>12,674</b>	<b>21,249</b>	<b>222</b>	<b>244</b>	<b>830</b>	<b>1,007</b>	<b>11,622</b>	<b>19,998</b>	<b>9,930.6</b>

Note: Expressways are constituted of : (a) National Expressways, the nationwide trunk road network, connecting politically and culturally important regions; and (b) Designated Motorways, urban motorways constructed to reduce traffic congestion in cities.

## Trends in Traffic Accidents on National Expressways

Year	Total		Fatalities		Serious injuries		Slight injuries		Length of expressways (km)
	Accidents	Persons	Accidents	Persons	Accidents	Persons	Accidents	Persons	
1976	2,515	4,601	156	183	359	513	2,000	3,905	2,022
1977	2,518	4,847	143	164	357	499	2,018	4,184	2,195
1978	2,611	4,794	136	155	388	517	2,087	4,122	2,415
1979	2,453	4,614	137	162	360	487	1,956	3,965	2,524
1980	2,152	3,939	107	124	311	402	1,734	3,413	2,792
1981	2,273	4,206	135	156	384	515	1,754	3,535	2,973
1982	2,159	4,015	132	154	371	493	1,656	3,368	3,128
1983	2,617	4,694	168	192	419	552	2,030	3,950	3,383
1984	2,816	5,133	166	189	449	583	2,201	4,361	3,467
1985	2,802	4,977	165	186	429	581	2,208	4,210	3,675
1986	3,118	5,651	155	179	467	594	2,496	4,878	3,804
1987	3,402	6,195	161	175	508	631	2,733	5,389	4,092
1988	4,084	7,205	237	277	586	753	3,261	6,175	4,403
<b>1989</b>	<b>5,274</b>	<b>9,359</b>	<b>327</b>	<b>371</b>	<b>783</b>	<b>1,027</b>	<b>4,164</b>	<b>7,961</b>	<b>4,558</b>
1990	5,541	9,736	318	373	847	1,115	4,376	8,248	4,771
1991	6,016	10,658	359	418	971	1,264	4,686	8,976	5,015
1992	5,659	9,646	314	355	816	1,077	4,529	8,214	5,248
1993	6,295	10,634	309	355	861	1,103	5,125	9,176	5,499
1994	6,563	11,060	284	318	831	1,088	5,448	9,654	5,652
1995	6,803	11,457	286	320	860	1,115	5,657	10,022	5,908
1996	6,660	11,333	286	336	866	1,105	5,508	9,892	6,046
1997	6,574	11,174	289	327	791	993	5,494	9,854	6,349
1998	6,499	11,300	245	272	807	998	5,447	10,030	6,418
1999	6,900	12,175	221	241	868	1,072	5,811	10,862	6,559
2000	7,661	13,452	241	265	918	1,126	6,502	12,061	6,747
2001	7,701	13,628	251	297	866	1,086	6,584	12,245	6,897
2002	7,480	13,201	216	259	907	1,136	6,357	11,806	7,113
2003	7,118	12,657	216	255	807	1,056	6,095	11,346	7,287
2004	6,840	11,996	204	256	722	928	5,914	10,812	7,341
2005	6,797	11,749	190	218	711	862	5,896	10,669	7,368
2006	6,780	11,670	167	186	655	802	5,958	10,682	7,422
<b>2007</b>	<b>6,282</b>	<b>11,040</b>	<b>151</b>	<b>166</b>	<b>620</b>	<b>764</b>	<b>5,511</b>	<b>10,110</b>	<b>7,488</b>

# 51

## Traffic Accidents on National Expressways by Type of Accident

Type of accident	Total	
	Number of accidents	Component ratio
Person to vehicle		
While repairing vehicle	1	0.0
While working on road	9	0.1
Others	74	1.2
<b>Total</b>	<b>84</b>	<b>1.3</b>
Vehicle to vehicle		
Rear-end collision		
While overtaking	29	0.5
With vehicle traveling in same direction	1,590	25.3
With vehicle merging into traffic flow	18	0.3
With vehicle exiting from traffic flow	22	0.4
With stationary vehicle on the lane	1,451	23.1
With stationary vehicle on the shoulder	33	0.5
With stationary vehicle at the toll gate	539	8.6
<b>Sub-total</b>	<b>3,682</b>	<b>58.6</b>
Collision or contact		
With vehicle traveling in opposite direction	46	0.7
While overtaking	187	3.0
With vehicle traveling in same direction	333	5.3
With vehicle merging into traffic flow	21	0.3
With vehicle exiting from traffic flow	13	0.2
With stationary vehicle on the lane	48	0.8
With stationary vehicle on the shoulder	8	0.1
With stationary vehicle at the toll gate	13	0.2
<b>Sub-total</b>	<b>669</b>	<b>10.6</b>
Others	649	10.3
<b>Total</b>	<b>5,000</b>	<b>79.6</b>
Vehicle alone		
Turning over	82	1.3
Running off the road	10	0.2
Collision with center strip		
Diverging lanes	77	1.2
Others	244	3.9
Collision with guardrail		
Right side	131	2.1
Left side	402	6.4
Collision with parked car (unattended by driver)	57	0.9
Collision with structures on road	78	1.2
Others	117	1.9
<b>Total</b>	<b>1,198</b>	<b>19.1</b>
<b>Grand Total</b>	<b>6,282</b>	<b>100.0</b>

Notes: 1) Excluding accidents involving only property damage.

2) An "undivided accident" is one that occurs on a road whose inbound and outbound lanes are not divided by a guardrail or other structure.

## 52

## Traffic Accidents on National Expressways by Type of Violation

Type of violation	Total	
	Number of accidents	Component ratio
Speeding	248	3.9
Driving too close to vehicle ahead	158	2.5
Improper overtaking	15	0.2
Drunk driving	2	0.0
Driving while fatigued	14	0.2
Violation of safe driving practices		
Improper steering	592	9.4
Improper braking	343	5.5
Not keeping eyes on the road	2,435	38.8
Failure to confirm traffic movement	1,268	20.2
Failure to make safety check		
Left, right, ahead	348	5.5
Rear	349	5.6
Driving at unsafe speed	211	3.4
Others	75	1.2
<b>Sub-total</b>	<b>5,621</b>	<b>89.5</b>
Others	224	3.6
<b>Total</b>	<b>6,282</b>	<b>100.0</b>

Notes: 1) Excluding accidents involving only property damage.

2) An "undivided accident" is one that occurs on a road whose inbound and outbound lanes are not divided by a guardrail or other structure.

## Section 6 FATALITIES WITHIN 30 DAYS

### Fatalities within 30 Days by Age Group and Road User Type

Age group		15 and under	16-24			25-29	30-39	
			16-19	20-24	Total			
Road user type	Gender							
Motor vehicle	M	18	100	161	<b>261</b>	125	204	
	F	23	28	59	<b>87</b>	27	36	
	<b>Total</b>	<b>41</b>	<b>128</b>	<b>220</b>	<b>348</b>	<b>152</b>	<b>240</b>	
Two-wheeled vehicle	Motorcycle	M	2	100	108	<b>208</b>	67	136
		F	1	4	2	<b>6</b>	2	5
		<b>Sub-total</b>	<b>3</b>	<b>104</b>	<b>110</b>	<b>214</b>	<b>69</b>	<b>141</b>
	Moped 1st class	M	4	55	25	<b>80</b>	16	35
		F	4	15	6	<b>21</b>	3	4
		<b>Sub-total</b>	<b>8</b>	<b>70</b>	<b>31</b>	<b>101</b>	<b>19</b>	<b>39</b>
	M	6	155	133	<b>288</b>	83	171	
	F	5	19	8	<b>27</b>	5	9	
	<b>Total</b>	<b>11</b>	<b>174</b>	<b>141</b>	<b>315</b>	<b>88</b>	<b>180</b>	
Bicycle	M	38	26	5	<b>31</b>	8	12	
	F	13	14	10	<b>24</b>	7	11	
	<b>Total</b>	<b>51</b>	<b>40</b>	<b>15</b>	<b>55</b>	<b>15</b>	<b>23</b>	
Pedestrian	M	39	7	19	<b>26</b>	27	70	
	F	21	6	12	<b>18</b>	7	23	
	<b>Total</b>	<b>60</b>	<b>13</b>	<b>31</b>	<b>44</b>	<b>34</b>	<b>93</b>	
Others	M	–	–	–	–	1	3	
	F	–	–	–	–	–	–	
	<b>Total</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>1</b>	<b>3</b>	
<b>Grand Total</b>	<b>M</b>	<b>101</b>	<b>288</b>	<b>318</b>	<b>606</b>	<b>244</b>	<b>460</b>	
	<b>F</b>	<b>62</b>	<b>67</b>	<b>89</b>	<b>156</b>	<b>46</b>	<b>79</b>	
	<b>Total</b>	<b>163</b>	<b>355</b>	<b>407</b>	<b>762</b>	<b>290</b>	<b>539</b>	
Component ratio		2.5	5.3	6.1	<b>11.5</b>	4.4	8.1	

Note: The figures for the aged 65 and over, and those for the aged 75 and over are repeated.

40-49	50-59	60-69			70 and over			Grand Total	65 and over	75 and over
		60-64	65-69	Total	70-79	80 and over	Total			
183	259	94	110	<b>204</b>	236	124	<b>360</b>	<b>1,614</b>	470	244
52	94	51	42	<b>93</b>	112	73	<b>185</b>	<b>597</b>	227	122
<b>235</b>	<b>353</b>	<b>145</b>	<b>152</b>	<b>297</b>	<b>348</b>	<b>197</b>	<b>545</b>	<b>2,211</b>	<b>697</b>	<b>366</b>
81	44	5	12	<b>17</b>	36	17	<b>53</b>	<b>608</b>	65	39
–	–	1	–	<b>1</b>	2	–	<b>2</b>	<b>17</b>	2	1
<b>81</b>	<b>44</b>	<b>6</b>	<b>12</b>	<b>18</b>	<b>38</b>	<b>17</b>	<b>55</b>	<b>625</b>	<b>67</b>	<b>40</b>
29	47	23	23	<b>46</b>	99	72	<b>171</b>	<b>428</b>	194	131
10	25	19	21	<b>40</b>	51	6	<b>57</b>	<b>164</b>	78	28
<b>39</b>	<b>72</b>	<b>42</b>	<b>44</b>	<b>86</b>	<b>150</b>	<b>78</b>	<b>228</b>	<b>592</b>	<b>272</b>	<b>159</b>
110	91	28	35	<b>63</b>	135	89	<b>224</b>	<b>1,036</b>	259	170
10	25	20	21	<b>41</b>	53	6	<b>59</b>	<b>181</b>	80	29
<b>120</b>	<b>116</b>	<b>48</b>	<b>56</b>	<b>104</b>	<b>188</b>	<b>95</b>	<b>283</b>	<b>1,217</b>	<b>339</b>	<b>199</b>
27	57	36	64	<b>100</b>	174	139	<b>313</b>	<b>586</b>	377	229
12	36	27	62	<b>89</b>	150	61	<b>211</b>	<b>403</b>	273	140
<b>39</b>	<b>93</b>	<b>63</b>	<b>126</b>	<b>189</b>	<b>324</b>	<b>200</b>	<b>524</b>	<b>989</b>	<b>650</b>	<b>369</b>
72	142	92	136	<b>228</b>	262	185	<b>447</b>	<b>1,051</b>	583	321
31	65	54	110	<b>164</b>	392	437	<b>829</b>	<b>1,158</b>	939	660
<b>103</b>	<b>207</b>	<b>146</b>	<b>246</b>	<b>392</b>	<b>654</b>	<b>622</b>	<b>1,276</b>	<b>2,209</b>	<b>1,522</b>	<b>981</b>
–	1	–	–	–	2	–	<b>2</b>	<b>7</b>	2	1
–	1	–	–	–	1	4	<b>5</b>	<b>6</b>	5	5
–	<b>2</b>	–	–	–	<b>3</b>	<b>4</b>	<b>7</b>	<b>13</b>	<b>7</b>	<b>6</b>
<b>392</b>	<b>550</b>	<b>250</b>	<b>345</b>	<b>595</b>	<b>809</b>	<b>537</b>	<b>1,346</b>	<b>4,294</b>	<b>1,691</b>	<b>965</b>
<b>105</b>	<b>221</b>	<b>152</b>	<b>235</b>	<b>387</b>	<b>708</b>	<b>581</b>	<b>1,289</b>	<b>2,345</b>	<b>1,524</b>	<b>956</b>
<b>497</b>	<b>771</b>	<b>402</b>	<b>580</b>	<b>982</b>	<b>1,517</b>	<b>1,118</b>	<b>2,635</b>	<b>6,639</b>	<b>3,215</b>	<b>1,921</b>
7.5	11.6	6.1	8.7	<b>14.8</b>	22.8	16.8	<b>39.7</b>	<b>100.0</b>	48.4	28.9

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## Fatalities within 30 Days by Age Group and Number of Days Survived

No. of days	2 days to 10 days										11 days to				
	2	3	4	5	6	7	8	9	10	Total	11	12	13	14	15
Age group															
15 and under	4	2	1	1	1	2	5	1	4	<b>21</b>	–	–	1	–	–
16–19	9	2	3	5	2	3	2	2	4	<b>32</b>	2	1	4	2	3
20–24	5	6	4	3	3	4	2	–	2	<b>29</b>	1	3	3	–	–
16–24	14	8	7	8	5	7	4	2	6	<b>61</b>	3	4	7	2	3
25–29	2	4	3	2	3	1	–	3	1	<b>19</b>	–	1	–	1	–
30–39	7	7	5	6	3	3	1	–	6	<b>38</b>	2	5	2	4	–
40–49	4	3	3	3	3	5	2	3	1	<b>27</b>	1	1	2	1	–
50–59	6	15	9	7	7	7	6	4	1	<b>62</b>	2	4	4	5	4
60–64	9	11	3	4	5	7	4	3	2	<b>48</b>	1	2	1	–	2
65–69	11	18	6	11	6	6	3	5	4	<b>70</b>	1	7	2	1	1
60–69	20	29	9	15	11	13	7	8	6	<b>118</b>	2	9	3	1	3
70–79	33	46	25	16	13	7	9	11	9	<b>169</b>	10	10	9	8	9
80 and over	18	21	11	11	7	10	6	1	2	<b>87</b>	9	6	5	5	1
70 and over	51	67	36	27	20	17	15	12	11	<b>256</b>	19	16	14	13	10
<b>Total</b>	<b>108</b>	<b>135</b>	<b>73</b>	<b>69</b>	<b>53</b>	<b>55</b>	<b>40</b>	<b>33</b>	<b>36</b>	<b>602</b>	<b>29</b>	<b>40</b>	<b>33</b>	<b>27</b>	<b>20</b>
Component ratio	12.1	15.1	8.2	7.7	5.9	6.1	4.5	3.7	4.0	<b>67.3</b>	3.2	4.5	3.7	3.0	2.2
Cumulative component ratio	12.1	27.2	35.3	43.0	48.9	55.1	59.6	63.2	67.3	–	70.5	75.0	78.7	81.7	83.9
65 and over	62	85	42	38	26	23	18	17	15	<b>326</b>	20	23	16	14	11
75 and over	35	50	23	18	14	15	10	7	8	<b>180</b>	13	11	11	9	6

Notes: 1) Fatalities within 2 days do not include those within 24 hours after an accident.

2) The figures for the aged 65 and over, and those for the aged 75 and over are repeated.

20 days						21 days to 30 days											2 days to 30 days	
16	17	18	19	20	Total	21	22	23	24	25	26	27	28	29	30	Total	Total	
1	-	1	1	1	<b>5</b>	1	-	-	-	-	1	-	1	-	1	<b>4</b>	<b>30</b>	
1	1	-	2	-	<b>16</b>	-	1	2	-	-	-	-	-	-	-	<b>3</b>	<b>51</b>	
-	-	1	-	1	<b>9</b>	1	-	-	1	-	1	-	-	-	-	<b>3</b>	<b>41</b>	
1	1	1	2	1	<b>25</b>	1	1	2	1	-	1	-	-	-	-	<b>6</b>	<b>92</b>	
-	-	-	1	-	<b>3</b>	1	-	-	-	-	1	-	-	-	-	<b>2</b>	<b>24</b>	
-	2	-	1	2	<b>18</b>	1	-	1	1	1	-	-	-	1	-	<b>5</b>	<b>61</b>	
3	1	2	1	-	<b>12</b>	-	-	-	-	-	1	-	1	2	-	<b>4</b>	<b>43</b>	
2	-	2	2	1	<b>26</b>	1	3	1	-	1	-	1	2	-	1	<b>10</b>	<b>98</b>	
-	-	1	-	2	<b>9</b>	1	-	-	-	1	-	-	-	-	-	<b>2</b>	<b>59</b>	
-	2	3	1	1	<b>19</b>	1	1	-	-	-	-	-	-	1	-	<b>3</b>	<b>92</b>	
-	2	4	1	3	<b>28</b>	2	1	-	-	1	-	-	-	1	-	<b>5</b>	<b>151</b>	
4	5	1	4	3	<b>63</b>	5	4	3	2	1	3	4	2	-	1	<b>25</b>	<b>257</b>	
4	3	1	1	2	<b>37</b>	1	4	3	1	1	-	-	2	1	2	<b>15</b>	<b>139</b>	
8	8	2	5	5	<b>100</b>	6	8	6	3	2	3	4	4	1	3	<b>40</b>	<b>396</b>	
<b>15</b>	<b>14</b>	<b>12</b>	<b>14</b>	<b>13</b>	<b>217</b>	<b>13</b>	<b>13</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>8</b>	<b>5</b>	<b>5</b>	<b>76</b>	<b>895</b>	
1.7	1.6	1.3	1.6	1.5	<b>24.2</b>	1.5	1.5	1.1	0.6	0.6	0.8	0.6	0.9	0.6	0.6	<b>8.5</b>	<b>100.0</b>	
85.6	87.2	88.5	90.1	91.5	-	93.0	94.4	95.5	96.1	96.6	97.4	98.0	98.9	99.4	100.0	-	-	
8	10	5	6	6	<b>119</b>	7	9	6	3	2	3	4	4	2	3	<b>43</b>	<b>488</b>	
5	7	1	5	3	<b>71</b>	4	7	6	2	2	3	4	3	1	3	<b>35</b>	<b>286</b>	

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## Fatalities within 30 Days by Road User Type and Main Part of Body Injured

Main injured part		Main injured part											Total	Component ratio	
		Body overall	Head	Face	Neck	Chest	Abdomen	Back	Hip	Arm	Leg	Others (Suffocation, Drowning etc.)			
Road user type															
Motor vehicle	Driver	163	580	18	81	510	219	2	31	10	46	41	<b>1,701</b>	25.6	
	Passenger	45	219	5	26	127	61	3	15	1	7	1	<b>510</b>	7.7	
	<b>Total</b>	<b>208</b>	<b>799</b>	<b>23</b>	<b>107</b>	<b>637</b>	<b>280</b>	<b>5</b>	<b>46</b>	<b>11</b>	<b>53</b>	<b>42</b>	<b>2,211</b>	<b>33.3</b>	
Two-wheeled vehicle	Motorcycle	Driver	45	263	17	46	142	54	3	16	2	10	2	<b>600</b>	9.0
		Passenger	1	18	1	–	4	–	–	1	–	–	–	<b>25</b>	0.4
		<b>Sub-total</b>	<b>46</b>	<b>281</b>	<b>18</b>	<b>46</b>	<b>146</b>	<b>54</b>	<b>3</b>	<b>17</b>	<b>2</b>	<b>10</b>	<b>2</b>	<b>625</b>	<b>9.4</b>
	Moped 1st class	Driver	33	322	6	17	126	36	3	23	1	15	4	<b>586</b>	8.8
		Passenger	–	6	–	–	–	–	–	–	–	–	–	<b>6</b>	0.1
		<b>Sub-total</b>	<b>33</b>	<b>328</b>	<b>6</b>	<b>17</b>	<b>126</b>	<b>36</b>	<b>3</b>	<b>23</b>	<b>1</b>	<b>15</b>	<b>4</b>	<b>592</b>	<b>8.9</b>
	Driver	78	585	23	63	268	90	6	39	3	25	6	<b>1,186</b>	17.9	
	Passenger	1	24	1	–	4	–	–	1	–	–	–	<b>31</b>	0.5	
	<b>Total</b>	<b>79</b>	<b>609</b>	<b>24</b>	<b>63</b>	<b>272</b>	<b>90</b>	<b>6</b>	<b>40</b>	<b>3</b>	<b>25</b>	<b>6</b>	<b>1,217</b>	<b>18.3</b>	
Bicycle		46	718	10	34	77	26	1	46	2	16	13	<b>989</b>	14.9	
Pedestrian		137	1,320	27	68	300	109	5	197	8	35	3	<b>2,209</b>	33.3	
Others		–	8	–	–	–	3	–	2	–	–	–	13	0.2	
<b>Total</b>		<b>470</b>	<b>3,454</b>	<b>84</b>	<b>272</b>	<b>1,286</b>	<b>508</b>	<b>17</b>	<b>331</b>	<b>24</b>	<b>129</b>	<b>64</b>	<b>6,639</b>	<b>100.0</b>	
Component ratio		7.1	52.0	1.3	4.1	19.4	7.7	0.3	5.0	0.4	1.9	1.0	<b>100.0</b>	–	

## IV. TRAFFIC VIOLATIONS

## Trends in Number of Traffic Violations (Notified and Referred)

Year	Violations against the Road Traffic Law				Other violation of traffic laws and ordinances		Total	
	Vehicles (excluding light vehicles)		Others		Cases	Index	Cases	Index
	Cases	Index	Cases	Index				
1961	3,241,122	38	36,053	193	22,766	74	3,299,941	39
1962	4,404,257	52	34,894	187	13,068	42	4,452,219	52
1963	4,229,808	50	24,776	133	38,795	126	4,293,379	50
1964	4,651,301	55	21,604	116	35,484	115	4,708,389	55
1965	5,066,230	60	19,454	104	35,801	116	5,121,485	60
1966	4,619,644	55	17,230	92	42,241	137	4,679,115	55
1967	4,704,572	56	19,477	105	59,556	193	4,783,605	56
1968	3,964,929	47	19,677	106	61,706	200	4,046,312	47
1969	4,135,109	49	18,762	101	50,658	164	4,204,529	49
1970	5,309,424	63	37,700	202	43,074	140	5,390,198	63
1971	6,690,875	79	30,887	166	80,605	261	6,802,367	80
1972	7,224,302	85	26,353	141	70,041	227	7,320,696	86
1973	8,069,481	95	22,331	120	64,628	210	8,156,440	96
1974	8,833,472	104	15,020	81	98,255	319	8,946,747	105
1975	10,158,709	120	20,189	108	89,560	290	10,268,458	120
1976	11,836,250	140	20,790	112	98,767	320	11,955,807	140
1977	12,470,100	147	25,276	136	92,746	301	12,588,122	148
1978	12,119,233	143	27,555	148	83,724	272	12,230,512	143
1979	10,910,767	129	23,840	128	83,331	270	11,017,938	129
1980	11,642,059	137	23,474	126	75,654	245	11,741,187	138
1981	11,687,758	138	23,482	126	85,681	278	11,796,921	138
1982	12,307,752	145	24,457	131	89,035	289	12,421,244	146
1983	13,154,814	155	20,733	111	90,264	293	13,265,811	156
1984	13,735,091	162	26,085	140	95,031	308	13,856,207	163
1985	13,684,112	161	25,537	137	109,166	354	13,818,815	162
1986	13,188,225	156	23,344	125	94,551	307	13,306,120	156
1987	12,725,577	150	21,322	114	52,196	169	12,799,095	150
1988	10,954,897	129	20,001	107	29,137	95	11,004,035	129
<b>1989</b>	<b>8,474,055</b>	<b>100</b>	<b>18,637</b>	<b>100</b>	<b>30,831</b>	<b>100</b>	<b>8,523,523</b>	<b>100</b>
1990	9,040,369	107	26,178	140	37,371	121	9,103,918	107
1991	9,264,940	109	25,303	136	64,378	209	9,354,621	110
1992	8,846,233	104	24,890	134	75,447	245	8,946,570	105
1993	8,600,922	101	30,100	162	63,999	208	8,695,021	102
1994	8,653,881	102	24,923	134	61,441	199	8,740,245	103
1995	8,362,972	99	19,177	103	50,623	164	8,432,772	99
1996	8,666,385	102	14,875	80	49,202	160	8,730,462	102
1997	8,956,413	106	14,231	76	47,646	155	9,018,290	106
1998	9,000,102	106	12,523	67	42,859	139	9,055,484	106
1999	8,953,560	106	10,741	58	44,691	145	9,008,992	106
2000	7,882,785	93	8,503	46	33,817	110	7,925,105	93
2001	7,774,398	92	7,393	40	32,360	105	7,814,151	92
2002	7,791,587	92	5,679	30	30,454	99	7,827,720	92
2003	8,106,728	96	5,496	29	25,843	84	8,138,067	95
2004	8,505,919	100	4,934	26	24,805	80	8,535,658	100
2005	8,939,678	105	3,913	21	23,958	78	8,967,549	105
2006	8,573,609	101	4,442	24	20,815	68	8,598,866	101
<b>2007</b>	<b>8,480,056</b>	<b>100</b>	<b>5,346</b>	<b>29</b>	<b>18,595</b>	<b>60</b>	<b>8,503,997</b>	<b>100</b>

Notes: 1) Figures for vehicle violations exclude cases involving light vehicles other than towed vehicles that exceed 750kg in weight.

2) The indices are calculated with 1989 as 100.

3) Since 1968, the cases of violations against the Road Traffic Law are those notified and referred.

## Road Traffic Law Violations Over Time

Type of violation	2003		2004	
	Violations	Component ratio	Violations	Component ratio
<b>Vehicles</b>				
Driving without a license	66,725	0.8	62,562	0.7
Drunk driving	2,267	0.0	2,030	0.0
Driving under the influence of alcohol	173,463	2.1	150,793	1.8
Speeding	2,649,345 (551,019)	32.7	2,819,655 (545,621)	33.1
Disregarding traffic signal	671,778	8.3	687,852	8.1
Driving where not permitted	606,190	7.5	666,691	7.8
Road or lane infringement	255,307	3.1	275,152	3.2
Improper overtaking	7,939	0.1	8,404	0.1
Cutting in	4,983	0.1	6,018	0.1
Failure to stop at railway crossing	137,326	1.7	144,575	1.7
Portable telephone use while driving	–	–	34,700	0.4
Improper turning right or left	75,263	0.9	85,663	1.0
Impeding pedestrians	35,440	0.4	41,895	0.5
Failure to slow down	5,593	0.1	5,634	0.1
Failure to stop	906,949	11.2	1,014,896	11.9
Improper parking or stopping	1,684,268	20.8	1,667,608	19.6
Driving without lights on	3,906	0.0	4,393	0.1
Driving with too many passengers	61,350	0.8	51,755	0.6
Improper loading	22,691	0.3	18,923	0.2
Operating defective vehicle	173,705	2.1	170,454	2.0
Failure to carry licence	115,972	1.4	118,156	1.4
Others	446,268 (102,337)	5.5	468,110 (111,051)	5.9
<b>Sub-total</b>	<b>8,106,728</b>	<b>(99.6)</b> <b>100.0</b>	<b>8,505,919</b>	<b>(99.7)</b> <b>100.0</b>
<b>Others</b>				
Light vehicles	112	2.0	85	1.7
Pedestrians	1	0.0	0	0.0
Acting improperly on road	2,288	41.6	910	18.4
Making someone drive a defected vehicle	2	0.0	16	0.3
Neglecting vehicle users' duty	247	4.5	171	3.5
Application of penalties to both driver and owner	804	14.6	889	18.0
Aiding and abetting of violation	1,390	25.3	1,511	30.6
Others	652	11.9	1,352	27.4
<b>Sub-total</b>	<b>5,496</b>	<b>(0.1)</b> <b>100.0</b>	<b>4,934</b>	<b>(0.1)</b> <b>100.0</b>
Other violation of traffic laws	25,843	(0.3)	24,805	(0.3)
<b>Total</b>	<b>8,138,067</b>	<b>(100)</b>	<b>8,535,658</b>	<b>(100)</b>
Percentage change over prior year		+4.0		+4.9

Notes: 1) Figures in parentheses under "speeding" indicate the number of violations where the speed limit was exceeded by 30km/h or more.  
2) Figures in parentheses under "others" in the "Vehicles" column indicate the number of violations of safe driving practices.  
3) Figures in parentheses under "component ratio" indicate the ratio to the total.

2005		2006		2007	
Violations	Component ratio	Violations	Component ratio	Violations	Component ratio
59,294	0.7	56,304	0.7	48,607	0.6
1,675	0.0	1,478	0.0	1,196	0.0
139,198	1.6	123,698	1.4	73,135	0.9
2,763,193	30.9	2,660,171	31.0	2,699,879	31.8
(524,369)		(480,270)		(456,509)	
688,438	7.7	702,786	8.2	710,070	8.4
737,391	8.2	740,638	8.6	754,626	8.9
288,480	3.2	277,393	3.2	292,095	3.4
8,546	0.1	7,355	0.1	6,336	0.1
7,340	0.1	7,289	0.1	7,103	0.1
140,917	1.6	134,788	1.6	133,897	1.6
522,625	5.8	906,118	10.6	1,130,596	13.3
87,948	1.0	84,295	1.0	97,076	1.1
46,457	0.5	53,128	0.6	56,516	0.7
5,886	0.1	4,854	0.1	4,213	0.1
1,005,725	11.3	1,010,899	11.8	1,078,601	12.7
1,593,377	17.8	1,022,434	11.9	650,553	7.7
5,014	0.1	4,769	0.1	4,313	0.1
45,282	0.5	36,403	0.4	31,041	0.4
15,819	0.2	13,926	0.2	14,510	0.2
151,731	1.7	117,552	1.4	97,213	1.1
117,968	1.3	117,416	1.4	104,229	1.2
507,374	5.7	489,915	5.7	484,251	5.7
(122,201)		(120,684)		(110,476)	
<b>8,939,678</b>	<b>(99.7)</b>	<b>8,573,609</b>	<b>(99.7)</b>	<b>8,480,056</b>	<b>(99.7)</b>
	<b>100.0</b>		<b>100.0</b>		<b>100.0</b>
326	8.3	585	13.2	814	15.2
0	0.0	0	0.0	1	0.0
400	10.2	308	6.9	263	4.9
3	0.1	46	1.0	25	0.5
221	5.6	343	7.7	609	11.4
711	18.2	808	18.2	1,099	20.6
1,109	28.3	1,394	31.4	1,455	27.2
1,143	29.2	958	21.6	1,080	20.2
<b>3,913</b>	<b>(0.0)</b>	<b>4,442</b>	<b>(0.1)</b>	<b>5,346</b>	<b>(0.1)</b>
	<b>100.0</b>		<b>100.0</b>		<b>100.0</b>
23,958	(0.3)	20,815	(0.2)	18,595	(0.2)
<b>8,967,549</b>	<b>(100)</b>	<b>8,598,866</b>	<b>(100)</b>	<b>8,503,997</b>	<b>(100)</b>
+5.1		-4.1		-1.1	

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## Road Traffic Law Violations by Adults and Juveniles

Type of violation	Total	Notification			Referral			Adult	Juvenile
		Adult	Juvenile	Total	Adult	Juvenile	Total	Total	Total
Driving without a licence	48,607	–	–	–	35,216	13,391	48,607	35,216	13,391
Drunk driving	1,196	–	–	–	1,174	22	1,196	1,174	22
Driving under the influence of alcohol	73,135	–	–	–	71,566	1,569	73,135	71,566	1,569
Speeding	2,699,879	2,338,685	76,225	2,414,910	273,995	10,974	284,969	2,612,680	87,199
Disregarding traffic signal	710,070	666,117	34,512	700,629	8,231	1,210	9,441	674,348	35,722
Driving where not permitted	754,626	717,178	34,465	751,643	2,626	357	2,983	719,804	34,822
Road or lane infringement	292,095	276,319	14,000	290,319	1,493	283	1,776	277,812	14,283
Improper overtaking	6,336	5,860	194	6,054	258	24	282	6,118	218
Cutting in	7,103	6,369	710	7,079	20	4	24	6,389	714
Failure to stop at railway crossing	133,897	123,905	9,360	133,265	550	82	632	124,455	9,442
Portable telephone use while driving	1,130,596	1,116,076	11,221	1,127,297	3,266	33	3,299	1,119,342	11,254
Improper turning right or left	97,076	83,056	12,981	96,037	940	99	1,039	83,996	13,080
Impeding pedestrians	56,516	53,051	2,359	55,410	1,072	34	1,106	54,123	2,393
Failure to slow down	4,213	12	0	12	3,993	208	4,201	4,005	208
Failure to stop	1,078,601	1,021,109	49,386	1,070,495	7,110	996	8,106	1,028,219	50,382
Driving without lights on	4,313	3,313	922	4,235	58	20	78	3,371	942
Driving with too many passengers	31,041	8,560	19,867	28,427	385	2,229	2,614	8,945	22,096
Improper loading	14,510	13,471	153	13,624	882	4	886	14,353	157
Operating defective vehicle	97,213	83,540	13,025	96,565	516	132	648	84,056	13,157
Improper parking or stopping	650,553	637,534	12,229	649,763	778	12	790	638,312	12,241
Failure to carry licence	104,229	86,262	5,810	92,072	11,794	363	12,157	98,056	6,173
Others	484,251	299,841	32,711	332,552	142,303	9,396	151,699	442,144	42,107
<b>Total</b>	<b>8,480,056</b>	<b>7,540,258</b>	<b>330,130</b>	<b>7,870,388</b>	<b>568,226</b>	<b>41,442</b>	<b>609,668</b>	<b>8,108,484</b>	<b>371,572</b>

## V. TRAFFIC REGULATIONS AND CONTROLS

## Number of Traffic Safety Facilities

Traffic safety facilities		Fiscal 2006	Fiscal 2007
Traffic Control Center		75 cities	75 cities
Traffic signal	Local control	66,037	67,231
	Traffic control system		
	Traffic-sensor control type	2,293	2,225
	Programmed multiple pattern type	22,653	23,233
	Push button type	1,106	1,131
	<b>Sub-total</b>	<b>26,052</b>	<b>26,589</b>
	Single pattern interconnected control		
	Actuated control		
	Full sensor type	802	771
	Semi sensor type	13,032	13,149
Bus sensor type	127	123	
Train actuated type	183	179	
Fixed cycle type (programmed multiple pattern, etc.)	51,087	50,921	
Push button type	28,200	28,599	
Single light type (flash type)	6,250	6,295	
<b>Sub-total</b>	<b>99,681</b>	<b>100,037</b>	
<b>Total</b>	<b>191,770</b>	<b>193,857</b>	
Supplementary light	Vehicle use	1,125,659	1,146,167
	(LED type)	(144,013)	(180,265)
	Pedestrian use	869,188	884,349
	(LED type)	(46,461)	(64,445)
Road sign	Variable sign	27,526	23,353
	Fixed sign		
	Overhang type	642,270	628,255
	Roadside type	9,422,368	9,297,292
	<b>Sub-total</b>	<b>10,064,638</b>	<b>9,925,547</b>
Road marking	Pedestrian crossing	1,054,219	1,064,369
	Unbroken and broken line markings (km)	131,141	127,660
	Picture markings	4,506,671	4,531,593

Notes: 1) "Programmed multiple pattern type" includes both multiple and single pattern types.

2) "Fixed cycle type (programmed multiple pattern, etc.)" includes both multiple and single pattern types.

3) "Single light type (flash type)" includes those used for tunnels.

## Traffic Regulations and Controls

Regulation			Fiscal 2005		Fiscal 2006		Percentage change		
			Places etc.	Length (km)	Places etc.	Length (km)	Places etc.	Length (m)	
Pedestrian road	Pedestrian precinct		540	182.5	542	181.9	0.4	-0.3	
	School zone		21,658	7,072.1	21,618	7,043.4	-0.2	-0.4	
	Others		13,883	3,092.1	13,558	3,003.2	-2.3	-2.9	
	<b>Total</b>		<b>36,081</b>	<b>10,346.7</b>	<b>35,718</b>	<b>10,228.5</b>	<b>-1.0</b>	<b>-1.1</b>	
Illegal entry	Others	Road closed to large vehicles	27,759	18,604.6	27,340	18,448.0	-1.5	-0.8	
		Road closed to designated freight vehicles	8,066	4,031.1	8,099	4,031.3	0.4	0.0	
		Road closed to vehicles other than motorcycles	1,884	396.1	1,784	388.2	-5.3	-2.0	
		Road closed to vehicles	4,225	4,167.5	4,262	4,007.3	0.9	-3.8	
		Road closed to motorcycles/mopeds	627	1,024.1	632	1,006.4	0.8	-1.7	
		Road closed to bicycles	387	284.4	404	310.1	4.4	9.0	
		Road closed to vehicles other than buses (dedicated bus route)	283	116.2	331	151.9	17.0	30.7	
		Road closed to pedestrians and vehicles other than bicycles	94	73.3	138	105.7	46.8	44.2	
		Other road closures	2,913	2,114.8	2,880	2,109.3	-1.1	-0.3	
			<b>Total</b>		<b>46,238</b>	<b>30,812.1</b>	<b>45,870</b>	<b>30,558.2</b>	<b>-0.8</b>
One way traffic			97,984	23,939.9	98,757	24,117.4	0.8	0.7	
Ignoring designated direction			160,543	-	164,250	-	2.3	-	
Pedestrian crossing prohibited			2,072	2,260.5	2,050	2,247.7	-1.1	-0.6	
Crossing center line	Near intersection		26,509	1,860.9	27,562	1,954.6	4.0	5.0	
	Others		4,797	703.8	4,945	723.3	3.1	2.8	
Overtaking on right prohibited			638	638.7	631	593.7	-1.1	-7.0	
	One side		32,600	74,846.7	32,611	74,944.7	0.0	0.1	
Entry prohibited zone			582	-	575	-	-1.2	-	
Only lane	Bus, etc.	One side	426	583.0	422	579.3	-0.9	-0.6	
		Both sides	183	369.4	183	368.6	0.0	-0.2	
	Two-wheeled vehicles		90	119.9	80	113.4	-11.1	-5.4	
	Bicycles		282	326.3	246	180.4	-12.8	-44.7	
Road for other designated vehicle class			298	787.6	307	811.6	3.0	3.0	
Bus priority lane			333	520.8	335	523.2	0.6	0.5	
	One side		194	349.1	195	349.3	0.5	0.1	
Travelling on tramway permitted			7	5.1	7	5.1	0.0	0.0	
Maximum speed limit	Section	80km/h	31	148.2	42	276.5	35.5	86.6	
		70km/h	62	369.2	70	429.8	12.9	16.4	
		60km/h	267	1,000.4	264	1,004.3	-1.1	0.4	
		50km/h	20,224	56,780.2	20,242	57,227.3	0.1	0.8	
		40km/h	60,990	97,446.3	61,141	97,481.8	0.2	0.0	
		30km/h	79,799	59,922.9	80,081	59,093.6	0.4	-1.4	
		Below 30km/h	14,438	5,601.5	14,299	5,584.2	-1.0	-0.3	
			<b>Sub-total</b>		<b>175,811</b>	<b>221,268.7</b>	<b>176,139</b>	<b>221,097.5</b>	<b>0.2</b>
	Variable zone	(Legal)km/h (50)km/h		120	310.4	104	248.2	-13.3	-20.0
		(Legal)km/h (40)km/h		7	18.3	7	18.3	0.0	0.0
		(Legal)km/h (30)km/h		2	3.3	0	0.0	-100.0	-100.0
		(60)km/h (50)km/h		6	23.0	6	21.0	0.0	-8.7
		(50)km/h (40)km/h		211	390.8	184	366.2	-12.8	-6.3
		(50)km/h (40+30)km/h		4	4.7	4	4.7	0.0	0.0
		(50)km/h (30)km/h		2	1.9	2	1.9	0.0	0.0
		(50)km/h (60)km/h		6	5.5	4	4.3	-33.3	-21.8
		(40)km/h (50)km/h		9	11.3	7	11.3	-22.2	0.0
		(30)km/h (40)km/h		23	36.8	22	35.6	-4.3	-3.3
		<b>Sub-total</b>		<b>390</b>	<b>806</b>	<b>340</b>	<b>712</b>	<b>-12.8</b>	<b>-11.7</b>
	Area	40km/h		92	28,498.3	92	28,469.6	0.0	-0.1
30km/h			748	8,746.8	727	7,327.6	-2.8	-16.2	
20km/h			123	1,196.2	121	1,192.1	-1.6	-0.3	
		<b>Sub-total</b>		<b>963</b>	<b>38,441.3</b>	<b>940</b>	<b>36,989.3</b>	<b>-2.4</b>	<b>-3.8</b>
<b>Total</b>			<b>177,164</b>	<b>260,516.0</b>	<b>177,419</b>	<b>258,798.3</b>	<b>0.1</b>	<b>-0.7</b>	

Note: Figures for fiscal 2006 are preliminary and may be revised in the future.

## Traffic Regulations and Controls (Continue)

Regulation	Fiscal 2005		Fiscal 2006		Percentage change			
	Places etc.	Length (km)	Places etc.	Length (km)	Places etc.	Length (m)		
Minimum speed limit	0	0.0	0	0.0				
Vehicle crossing prohibited	238	200.9	241	200.7	1.3	-0.1		
U-turn prohibited	3,334	3,293.3	3,322	3,279.8	-0.4	-0.4		
Lane changing prohibited	31,844	1,437.2	32,240	1,404.6	1.2	-2.3		
Overtaking prohibited	One side	0	0.0	0	0.0			
	Both sides	252	385.1	238	364.7	-5.6	-5.3	
Priority road	26	9.4	29	9.6	11.5	2.1		
Turning method	12,416	-	12,667	-	2.0	-		
Two-stage right turn intersection	Two-stage right turn	6,458	-	6,470	-	0.2	-	
	Tight turn	6,606	-	6,792	-	2.8	-	
Directional lanes	75,354	-	77,637	-	3.0	-		
Slow (place)	1,139	-	1,135	-	-0.4	-		
Halt	1,606,862	-	1,592,521	-	-0.9	-		
Parking and stopping prohibited	One side	1,051	668.3	1,053	666.9	0.2	-0.2	
	Both sides	2,927	3,019.9	2,888	2,956.3	-1.3	-2.1	
Parking prohibited	Section	One side	25,465	7,234.6	25,012	7,085.7	-1.8	-2.1
		Both sides	217,439	156,046.5	215,049	152,754.5	-1.1	-2.1
	Area	4,362	11,560.1	4,294	10,667.7	-1.6	-7.7	
Designation of parking position	Parallel	2,694	69,207.0	2,735	69,215.0	1.5	0.0	
	Perpendicular	66	2,542.0	119	6,095.0	80.3	139.8	
	Diagonal	63	3,475.0	85	4,456.0	34.9	28.2	
Parking permitted in designated areas	2,685	616.2	2,778	620.8	3.5	0.7		
Standing permitted in designated areas	274	109.2	270	108.2	-1.5	-0.9		
Restriction of parking hours	Place where parking meters are installed	One side	1,024	198.6	1,032	193.0	0.8	-2.8
		Both sides	390	146.3	364	133.6	-6.7	-8.7
	Place where PT issuing machines are installed	One side	245	38.6	243	39.4	-0.8	2.1
		Both sides	100	46.2	105	44.1	5.0	-4.5
Stopping prohibited zone	5,275	-	5,318	-	0.8	-		
Sound horn	Location	835	-	794	-	-4.9	-	
	Zone	504	2,430.3	472	2,230.5	-6.3	-8.2	
Shoulder	Pedestrian	One side	1,652	446.3	1,641	441.5	-0.7	-1.1
		Both sides	674	194.0	586	175.6	-13.1	-9.5
	Parking or stopping	One side	10,912	2,948.6	10,776	2,908.3	-1.2	-1.4
		Both sides	3,296	1,073.9	3,206	1,039.4	-2.7	-3.2
	Common	One side	6,504	1,623.8	6,505	1,626.6	0.0	0.2
		Both sides	7,294	1,920.5	7,281	1,918.3	-0.2	-0.1
Bicycle on sidewalk permitted	53,178	68,998.3	54,054	71,337.0	1.6	3.4		
Sidewalk bikeway	374	515.8	344	446.1	-8.0	-13.5		
Bicycles prohibited in intersection	Number of intersections	1,315	-	1,308	-	-0.5	-	
	Number of locations	3,155	-	3,144	-	-0.3	-	
Pedestrian crossing	With signal	492,320	-	493,878	-	0.3	-	
	Without signal	562,580	-	571,729	-	1.6	-	
Diagonal crossing permitted	560	-	577	-	3.0	-		
Safety island	131	-	132	-	0.8	-		
Zebra zone	7,076	-	7,191	-	1.6	-		
Trolley stop	118	-	121	-	2.5	-		
Bicycle crossing	With signal	128,251	-	131,803	-	2.8	-	
	Without signal	60,815	-	62,073	-	2.1	-	
Double stop line	Number of intersections	3,289	-	3,130	-	-4.8	-	
	Number of locations	6,469	-	6,198	-	-4.2	-	
Left turn permitted	428	-	425	-	-0.7	-		

## VI. DRIVER'S LICENCE Driver's Licence Holders

Age group	2006			2007			Percentage change		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
16	44,618	13,698	<b>58,316</b>	42,259	13,168	<b>55,427</b>	-5.3	-3.9	<b>-5.0</b>
17	97,002	32,479	<b>129,481</b>	90,246	30,519	<b>120,765</b>	-7.0	-6.0	<b>-6.7</b>
18	213,311	124,354	<b>337,665</b>	199,474	117,691	<b>317,165</b>	-6.5	-5.4	<b>-6.1</b>
19	460,329	351,367	<b>811,696</b>	444,536	338,340	<b>782,876</b>	-3.4	-3.7	<b>-3.6</b>
16-19	815,260	521,898	<b>1,337,158</b>	776,515	499,718	<b>1,276,233</b>	-4.8	-4.2	<b>-4.6</b>
20-24	3,236,926	2,769,579	<b>6,006,505</b>	3,156,114	2,692,330	<b>5,848,444</b>	-2.5	-2.8	<b>-2.6</b>
25-29	3,922,958	3,505,697	<b>7,428,655</b>	3,808,881	3,407,938	<b>7,216,819</b>	-2.9	-2.8	<b>-2.9</b>
30-34	4,762,264	4,326,797	<b>9,089,061</b>	4,621,748	4,201,518	<b>8,823,266</b>	-3.0	-2.9	<b>-2.9</b>
35-39	4,660,686	4,246,139	<b>8,906,825</b>	4,717,186	4,301,406	<b>9,018,592</b>	1.2	1.3	<b>1.3</b>
40-44	3,912,345	3,512,027	<b>7,424,372</b>	4,072,304	3,682,246	<b>7,754,550</b>	4.1	4.8	<b>4.4</b>
45-49	3,723,696	3,252,173	<b>6,975,869</b>	3,770,341	3,322,226	<b>7,092,567</b>	1.3	2.2	<b>1.7</b>
50-54	3,951,298	3,252,695	<b>7,203,993</b>	3,799,439	3,177,970	<b>6,977,409</b>	-3.8	-2.3	<b>-3.1</b>
55-59	4,988,945	3,738,847	<b>8,727,792</b>	4,780,833	3,672,613	<b>8,453,446</b>	-4.2	-1.8	<b>-3.1</b>
60-64	3,554,707	2,286,070	<b>5,840,777</b>	3,808,450	2,566,339	<b>6,374,789</b>	7.1	12.3	<b>9.1</b>
65-69	3,126,791	1,536,747	<b>4,663,538</b>	3,222,418	1,689,707	<b>4,912,125</b>	3.1	10.0	<b>5.3</b>
70-74	2,382,528	765,648	<b>3,148,176</b>	2,469,504	858,766	<b>3,328,270</b>	3.7	12.2	<b>5.7</b>
75 and over	2,218,987	358,158	<b>2,577,145</b>	2,408,881	421,821	<b>2,830,702</b>	8.6	17.8	<b>9.8</b>
<b>Total</b>	<b>45,257,391</b>	<b>34,072,475</b>	<b>79,329,866</b>	<b>45,412,614</b>	<b>34,494,598</b>	<b>79,907,212</b>	<b>0.3</b>	<b>1.2</b>	<b>0.7</b>

Note: Figures are as of the end of December each year.

## VII. REFERENCE INFORMATION

### Changes in Number of Operation Administrators

Year	Passenger transport companies	Freight transport companies	Total
1986	21,433	49,248	<b>70,681</b>
1987	21,520	50,221	<b>71,741</b>
1988	21,897	51,816	<b>73,713</b>
<b>1989</b>	<b>22,086</b>	<b>53,709</b>	<b>75,795</b>
1990	22,339	56,311	<b>78,650</b>
1991	22,772	66,465	<b>89,237</b>
1992	23,413	76,736	<b>100,149</b>
1993	23,740	84,254	<b>107,994</b>
1994	24,099	87,554	<b>111,653</b>
1995	24,331	90,860	<b>115,191</b>
1996	24,492	91,911	<b>116,403</b>
1997	24,471	94,432	<b>118,903</b>
1998	24,211	96,877	<b>121,088</b>
1999	24,062	98,328	<b>122,390</b>
2000	24,341	98,757	<b>123,098</b>
2001	26,047	101,076	<b>127,123</b>
2002	28,347	103,620	<b>131,967</b>
2003	28,837	104,450	<b>133,287</b>
2004	29,004	108,014	<b>137,018</b>
2005	28,877	111,841	<b>140,718</b>
2006	29,577	115,324	<b>144,901</b>
<b>2007</b>	<b>30,252</b>	<b>117,862</b>	<b>148,114</b>

*Note: Operation administrator: The Road Transportation Law prescribes that each transport company must appoint an operation administrator to prevent traffic accidents by company's vehicles.*

## Changes in Number of Safe-Driving Supervisors, etc.

Year	Companies	Percentage change	Index	Safe-driving supervisors	Percentage change	Index	Deputy Safe-driving supervisors
1971	113,706	15.15	198	113,940	15.05	199	—
1972	125,473	10.35	219	125,740	10.36	219	—
1973	135,374	7.89	236	135,537	7.79	236	—
1974	144,332	6.62	252	144,459	6.58	252	—
1975	153,528	6.37	268	153,942	6.56	268	—
1976	164,852	7.38	287	165,219	7.33	288	—
1977	193,770	17.54	338	193,993	17.42	338	—
1978	207,231	6.95	361	207,637	7.03	362	—
1979	217,648	5.03	379	217,889	4.94	380	19,756
1980	228,138	4.82	398	228,370	4.81	398	28,176
1981	239,681	5.06	418	239,887	5.04	418	30,526
1982	252,387	5.30	440	252,597	5.30	440	32,182
1983	262,072	3.84	457	262,236	3.82	457	33,578
1984	270,226	3.11	471	270,344	3.09	471	34,788
1985	277,004	2.51	483	277,100	2.50	483	35,793
1986	283,383	2.30	494	283,463	2.30	494	36,761
1987	289,085	2.01	504	289,234	2.04	504	37,648
1988	294,766	1.97	514	294,829	1.93	514	38,509
<b>1989</b>	<b>301,931</b>	<b>2.43</b>	<b>526</b>	<b>302,011</b>	<b>2.44</b>	<b>526</b>	<b>39,966</b>
1990	308,694	2.24	538	308,722	2.22	538	40,995
1991	316,744	2.61	552	316,860	2.64	552	42,319
1992	324,961	2.59	566	325,081	2.59	566	43,771
1993	332,917	2.45	580	333,047	2.45	580	45,648
1994	338,312	1.62	590	338,488	1.63	590	47,174
1995	343,249	1.46	598	343,409	1.45	598	48,480
1996	346,820	1.04	604	347,082	1.07	605	49,774
1997	350,662	1.11	611	350,961	1.12	612	51,012
1998	354,355	1.05	618	354,600	1.04	618	52,486
1999	355,804	0.41	620	355,806	0.34	620	53,278
2000	354,707	-0.31	618	354,707	-0.31	618	54,337
2001	351,964	-0.77	613	351,964	-0.77	613	54,693
2002	348,612	-0.95	608	348,612	-0.95	607	54,967
2003	346,109	-0.72	603	346,109	-0.72	603	55,628
2004	342,525	-1.04	597	342,525	-1.04	597	56,028
2005	341,566	-0.28	595	341,566	-0.28	595	57,176
2006	338,211	-0.98	589	338,211	-0.98	589	56,586
<b>2007</b>	<b>337,717</b>	<b>-0.15</b>	<b>589</b>	<b>337,717</b>	<b>-0.15</b>	<b>588</b>	<b>58,938</b>

Notes: 1) Figures are surveyed on March 31 every year.

2) Since 1973, figures include those of Okinawa Prefecture.

3) As from April, 1967, it has become necessary to assign a Safe-Driving Supervisor to any company having over five vehicles (until then this was required for 10 vehicles). As from January, 1977, the supervisor must also be assigned if there is one or more vehicle accommodating 11 individuals or more. The official duties of the supervisor include planning, instructing and supervising drivers on how to drive safely. The said company excludes transport companies.

4) Deputy Safe-Driving Supervisor System was inaugurated in December 1, 1978, and it has become compulsory to assign a Deputy Safe-Driving Supervisor to any company having over 20 vehicles. The number of deputy supervisors depends on the number of vehicles.

Percentage change	Index	Employed drivers	Percentage change	Index	Vehicles in use	Percentage change	Index
-	-	1,648,234	14.93	160	1,368,394	14.42	186
-	-	1,823,619	10.64	177	1,503,492	9.87	204
-	-	2,046,293	12.21	198	1,637,153	8.89	223
-	-	2,147,194	4.93	208	1,765,186	7.82	240
-	-	2,244,872	4.55	218	1,876,828	6.32	255
-	-	2,399,250	6.88	233	1,985,716	5.80	270
-	-	2,657,755	10.77	258	2,209,892	11.29	300
-	-	2,913,064	9.61	283	2,362,215	6.89	321
-	-	3,056,898	4.94	296	2,484,568	5.18	338
42.62	100	3,205,402	4.86	311	2,598,736	4.60	353
8.34	108	3,335,979	4.07	324	2,716,888	4.55	369
5.42	114	3,528,481	5.77	342	2,838,093	4.46	386
4.34	119	3,729,692	5.70	362	2,953,432	4.06	402
3.60	123	3,877,238	3.96	376	3,066,629	3.83	417
2.89	127	4,013,646	3.52	389	3,147,953	2.65	428
2.70	130	4,104,285	2.26	398	3,222,177	2.36	438
2.41	134	4,238,482	3.27	411	3,325,189	3.20	452
2.29	137	4,293,521	1.30	416	3,404,258	2.38	463
<b>3.78</b>	<b>142</b>	<b>4,403,036</b>	<b>2.55</b>	<b>427</b>	<b>3,486,860</b>	<b>2.43</b>	<b>474</b>
2.57	145	4,606,976	4.63	447	3,580,519	2.69	487
3.23	150	4,772,754	3.60	463	3,696,918	3.25	503
3.43	155	4,919,852	3.08	477	3,814,726	3.19	519
4.29	162	5,160,436	4.89	500	3,982,306	4.39	541
3.34	167	5,314,530	2.99	515	4,098,762	2.92	557
2.77	172	5,470,104	2.93	530	4,183,729	2.07	569
2.67	177	5,640,520	3.12	547	4,261,620	1.86	579
2.49	181	5,750,251	1.95	558	4,348,750	2.04	591
2.89	186	5,859,277	1.90	568	4,418,362	1.60	601
1.51	189	6,027,185	2.87	585	4,484,459	1.50	610
1.99	193	6,008,440	-0.31	583	4,531,916	1.06	616
0.66	194	6,126,880	1.97	594	4,522,152	-0.22	615
0.50	195	6,125,433	-0.02	594	4,550,972	0.64	619
1.20	197	6,132,984	0.12	595	4,467,440	-1.84	607
0.72	199	6,104,978	-0.46	592	4,457,205	-0.23	606
2.05	203	6,403,073	4.88	621	4,650,723	4.34	632
-1.03	201	6,585,632	2.85	639	4,639,752	-0.24	631
<b>4.16</b>	<b>209</b>	<b>6,508,545</b>	<b>-1.17</b>	<b>631</b>	<b>4,668,750</b>	<b>0.62</b>	<b>635</b>

Type of road		Length	State of Improvements by length		State of road surface		
			Improvements complete	Not-yet improved	Paved	Unpaved	
National expressways		7,392.2	7,392.2	–	7,392.2	–	
Component ratio		0.6	1.0	–	2.4	–	
General roads	National highways	Designated sections	22,363.4	22,363.4	–	22,015.9	347.5
		Component ratio	1.9	3.1	–	7.0	0.0
		Outside designated sections	31,983.5	28,745.0	3,238.5	27,086.1	4,897.3
		Component ratio	2.7	4.0	0.7	8.6	0.6
		<b>Sub-total</b>	<b>54,346.9</b>	<b>51,108.5</b>	<b>3,238.5</b>	<b>49,102.0</b>	<b>5,244.9</b>
		<b>Component ratio</b>	<b>4.5</b>	<b>7.2</b>	<b>0.7</b>	<b>15.7</b>	<b>0.6</b>
	Prefectural roads	Principal local roads (include main city roads)	57,903.3	49,111.7	8,791.6	40,986.3	16,917.0
		Component ratio	4.8	6.9	1.8	13.1	1.9
		General prefectural roads	71,390.2	51,350.8	20,039.4	37,068.2	34,322.0
		Component ratio	6.0	7.2	4.1	11.8	3.9
		<b>Sub-total</b>	<b>129,293.5</b>	<b>100,462.6</b>	<b>28,831.0</b>	<b>78,054.5</b>	<b>51,239.0</b>
		<b>Component ratio</b>	<b>10.8</b>	<b>14.1</b>	<b>5.9</b>	<b>24.9</b>	<b>5.8</b>
	Total for national highways and prefectural roads		183,640.4	151,571.0	32,069.4	127,156.6	56,483.8
	Component ratio		15.3	21.3	6.6	40.5	6.4
Total for municipal roads		1,005,975.3	553,230.3	452,745.0	179,195.8	826,779.5	
Component ratio		84.0	77.7	93.4	57.1	93.6	
<b>Total for general roads</b>		<b>1,189,615.7</b>	<b>704,801.3</b>	<b>484,814.4</b>	<b>306,352.4</b>	<b>883,263.4</b>	
<b>Component ratio</b>		<b>99.4</b>	<b>99.0</b>	<b>100.0</b>	<b>97.6</b>	<b>100.0</b>	
<b>Grand total</b>		<b>1,197,007.9</b>	<b>712,193.5</b>	<b>484,814.4</b>	<b>313,744.6</b>	<b>883,263.4</b>	
<b>Component ratio</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	

Notes: 1) Source: Statistics by the Ministry of Land, Infrastructure and Transport (as of April 1, 2006).

2) Figures for unpaved roads include lightly paved roads.