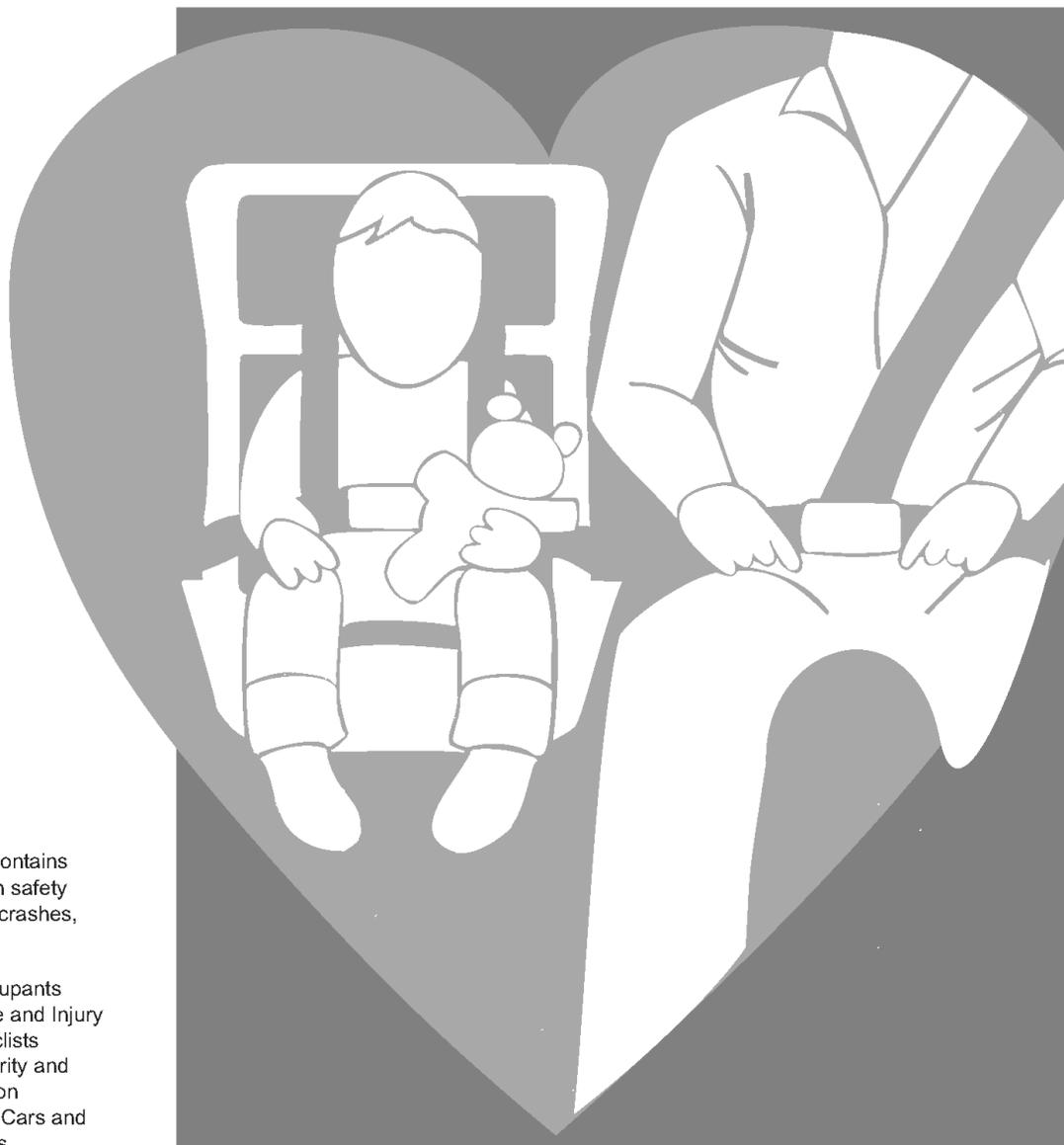


VII. SAFETY EQUIPMENT



This section contains information on safety equipment in crashes, including:

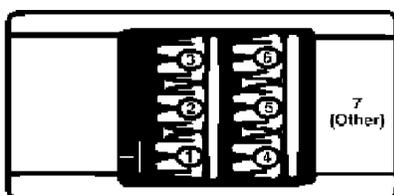
- Age of Occupants
- Helmet Use and Injury to Motorcyclists
- Injury Severity and Seat Position
- Passenger Cars and Light Trucks

Safety Equipment Use in Passenger Cars by Injury Severity and Seat Position

	SEAT POSITION BY SAFETY EQUIPMENT USE												TOTAL			
	1		2		3		4		5		6				7	
	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Not Injured	97,758	1,210	148	12	22,669	364	6,750	103	1,818	69	8,173	135	2,266	66	139,582	1,959
Incapacitating	1,078	242	4	1	257	69	52	22	6	8	47	14	13	5	1,457	361
Nonincapacitating	6,332	604	12	4	1,551	193	258	36	68	23	342	48	82	6	8,645	914
Possible	12,563	425	13	3	3,232	155	536	41	156	16	736	41	206	24	17,442	705
Killed	101	104	0	0	24	20	4	3	1	1	6	2	0	1	136	131
TOTAL	117,832	2,585	177	20	27,733	801	7,600	205	2,049	117	9,304	240	2,567	102	167,262	4,070

This report counts only those occupants for whom safety equipment use and seat location were recorded on the accident report form.
 Caution: Safety equipment use for many occupants was self-reported. Therefore, these figures may overstate actual use of safety equipment.
 Yes = used safety belts or child safety seat. No = no safety equipment used.

Seating Position



Safety Equipment Use in Passenger Cars in Crashes by Age of Occupant

Age of Occupant	Shoulder & Lap Belt	Lap Belt Only	Shoulder Belt Only	Child Safety Seat	None	TOTAL
1-2	214	19	5	2,205	24	2,467
3	184	9	2	1,027	18	1,240
4	305	25	3	1,022	29	1,384
5-9	3,507	132	19	1,885	107	5,650
10-14	5,297	111	9	12	101	5,530
15	1,759	26	1	1	39	1,826
16	4,850	18	5	0	83	4,956
17	5,550	19	9	0	138	5,716
18	5,548	22	9	0	200	5,779
19	5,128	17	17	0	163	5,325
20	4,881	14	10	0	190	5,095
21	4,898	17	19	0	186	5,120
22	4,595	12	14	0	166	4,787
23	4,480	7	16	0	170	4,673
24	4,018	12	17	0	146	4,193
25-34	29,905	55	62	0	962	30,984
35-44	20,956	41	49	0	431	21,477
45-54	20,045	32	25	0	376	20,478
55-64	16,071	35	26	0	218	16,350
65-74	8,790	19	10	0	131	8,950
75-84	5,163	10	4	0	99	5,276
85 & over	1,768	3	2	0	33	1,806
Unknown	999	11	9	1,191	60	2,270
TOTAL	158,911	666	342	7,343	4,070	171,332

This report counts only those occupants for whom safety equipment use and seat location were recorded on the accident report form.
 Caution: Safety equipment use for many occupants was self-reported. Therefore, these figures may overstate actual use of safety equipment.

Safety Equipment Use in Light Trucks by Injury Severity and Seat Position

	SEAT POSITION BY SAFETY EQUIPMENT USE														TOTAL	
	1		2		3		4		5		6		7			
	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Not Injured	16,296	330	134	16	3,436	80	537	16	230	13	767	18	93	3	21,493	476
Incapacitating	165	83	1	3	32	23	3	5	2	0	6	4	0	0	209	118
Nonincapacitating	839	166	6	6	193	50	24	3	9	3	26	9	0	2	1,097	239
Possible	1,360	82	13	6	340	26	44	3	11	1	53	4	2	1	1,823	123
Killed	20	32	0	0	3	5	0	1	0	0	0	0	0	0	23	38
TOTAL	18,680	693	154	31	4,004	184	608	28	252	17	852	35	95	6	24,645	994

This report counts only those occupants for whom safety equipment use and seat location were recorded on the accident report form.

Caution: Safety equipment use for many occupants was self-reported. Therefore, these figures may overstate actual use of safety equipment.

Yes = used safety belts or child safety seat. No = no safety equipment used.

Safety Equipment Use in Light Trucks in Crashes by Age of Occupant

Age of Occupant	Shoulder & Lap Belt	Lap Belt Only	Shoulder Belt Only	Child Safety Seat	None	TOTAL
1-2	15	3	2	163	3	186
3	13	1	0	91	4	109
4	23	2	0	70	3	98
5-9	331	19	1	141	15	507
10-14	537	31	1	3	22	594
15	206	10	0	0	11	227
16	634	14	0	0	31	679
17	761	11	1	0	34	807
18	626	8	1	0	37	672
19	624	6	1	0	26	657
20	603	3	2	0	34	642
21	534	7	1	0	43	585
22	504	4	1	0	30	539
23	556	3	2	0	34	595
24	487	4	2	0	27	520
25-34	4,083	15	15	0	228	4,341
35-44	3,552	11	10	0	123	3,696
45-54	4,255	16	5	0	127	4,403
55-64	3,189	12	2	0	86	3,289
65-74	1,562	5	6	0	37	1,610
75-84	549	0	3	0	23	575
85 & over	96	0	0	0	5	101
Unknown	107	3	1	85	11	207
TOTAL	23,847	188	57	553	994	25,639

This report counts only those occupants for whom safety equipment use and seat location were recorded on the accident report form.

Caution: Safety equipment use for many occupants was self-reported. Therefore, these figures may overstate actual use of safety equipment.

Passenger Car and Light Truck Occupants for Whom Airbag Deployed in Crash Manner of Collision by Injury Severity

Manner of Collision	Injury Severity					TOTAL
	Killed	Incapacitating	Nonincapacitating	Possible	Not Injured	
Angle	65	373	1,835	2,395	4,623	9,291
No collision w/ vehicle in transit	75	398	1,429	1,153	3,778	6,833
Rear end	6	122	647	844	2,811	4,430
Head on	39	168	328	276	488	1,299
Side swipe / opposite direction	10	66	183	201	502	962
Side swipe / same direction	3	21	132	201	526	883
Rear to rear	0	3	3	1	10	17
Unknown	0	5	9	24	27	65
TOTAL	198	1,156	4,566	5,095	12,765	23,780

This table does not take into account whether the person was using a safety belt at the time of the crash.

Safety Equipment Use on Motorcycles by injury Severity and Seat Position

Injury Severity	Seat Position by Safety Equipment Use									
	Driver					Passenger				
	Helmet Worn	Eye Protection	None	Unknown	Total	Helmet Worn	Eye Protection	None	Unknown	Total
Not Injured	139	116	49	73	377	18	14	8	1	41
Incapacitating	148	217	86	7	458	19	27	15	0	61
Nonincapacitating	388	367	140	21	916	34	55	23	1	113
Possible	145	117	44	11	317	13	22	5	1	41
Killed	19	37	20	3	79	1	0	3	0	4
TOTAL	839	854	339	115	2,147	85	118	54	3	260

Injury Severity	Seat Position by Safety Equipment Use									
	Side Car					TOTAL				
	Helmet Worn	Eye Protection	None	Unknown	Total	Helmet Worn	Eye Protection	None	Unknown	Total
Not Injured	1	0	1	0	2	158	130	58	74	420
Incapacitating	1	0	0	0	1	168	244	101	7	520
Nonincapacitating	1	1	0	0	2	423	423	163	22	1,031
Possible	0	0	0	0	0	158	139	49	12	358
Killed	0	0	0	0	0	20	37	23	3	83
TOTAL	3	1	1	0	5	927	973	394	118	2,412

This report counts only those motorcyclists for whom seat location was recorded on the accident report form.

Motorcyclists Injured by Age and Seat Position by Safety Equipment Use and Gender

Age	Driver						Passenger on Motorcycle						Motorcycle Passenger in Side Car										
	Helmet Only		Helmet & Eye Protection		Eye Protection Only		No Protection		Use Unknown		Helmet Only		Helmet & Eye Protection		Eye Protection Only		No Protection		Use Unknown				
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	
14 & under	0	0	0	0	0	0	1	1	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0
15-20	3	32	1	52	2	22	2	6	4	1	0	4	1	0	0	0	0	0	0	0	0	0	0
21-24	5	34	7	51	3	45	0	20	3	2	1	0	4	2	0	0	0	0	0	0	0	0	0
25-34	4	48	4	66	3	102	3	54	0	8	4	1	4	0	11	0	6	0	0	0	0	0	0
35-44	3	34	10	56	11	117	8	49	0	6	0	0	5	0	27	1	9	1	0	0	0	0	0
45-54	10	32	14	62	29	195	7	60	0	7	3	0	14	0	35	0	14	0	1	0	0	0	0
55-64	4	35	8	62	11	122	3	38	0	6	7	0	7	0	16	0	5	1	0	0	0	0	0
65-74	0	8	1	24	2	35	0	14	0	0	0	0	4	1	2	0	0	0	0	0	0	0	0
75 & over	0	5	0	5	0	2	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	29	228	45	378	61	640	24	245	0	34	18	3	40	5	102	2	39	4	1	0	2	0	0

Motorcyclists Killed by Age and Seat Position by Safety Equipment Use and Gender

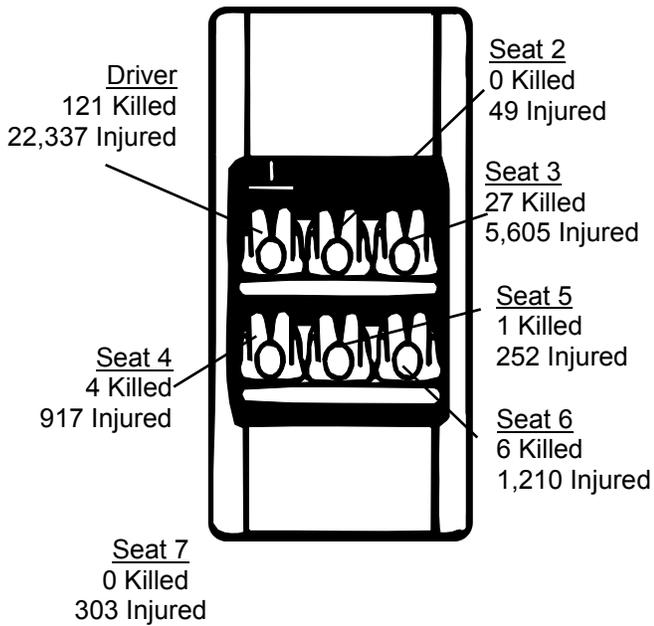
Age	Driver						Passenger on Motorcycle						Motorcycle Passenger in Side Car										
	Helmet Only		Helmet & Eye Protection		Eye Protection Only		No Protection		Use Unknown		Helmet Only		Helmet & Eye Protection		Eye Protection Only		No Protection		Use Unknown				
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	
14 & under	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-20	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-24	0	1	0	1	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-34	0	2	0	2	2	2	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35-44	0	1	0	1	1	5	0	3	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
45-54	0	0	1	1	1	10	0	3	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0
55-64	0	1	0	1	0	9	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
65-74	0	0	0	2	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 & over	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	6	1	12	4	33	0	20	0	3	0	0	1	0	0	0	3	0	0	0	0	0	0

F = female M = male

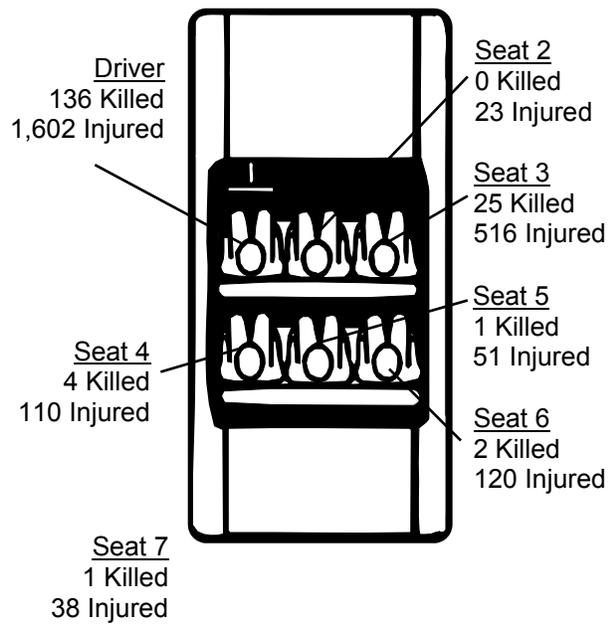
Occupants and Injury Severity by Seating Position and Safety Equipment Use

Passenger Cars and Light Trucks

With Safety Equipment



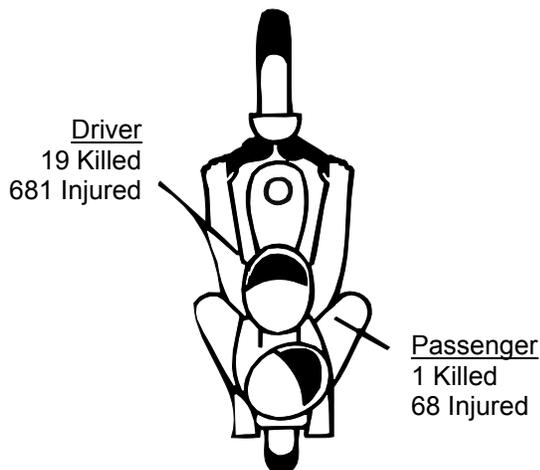
Without Safety Equipment



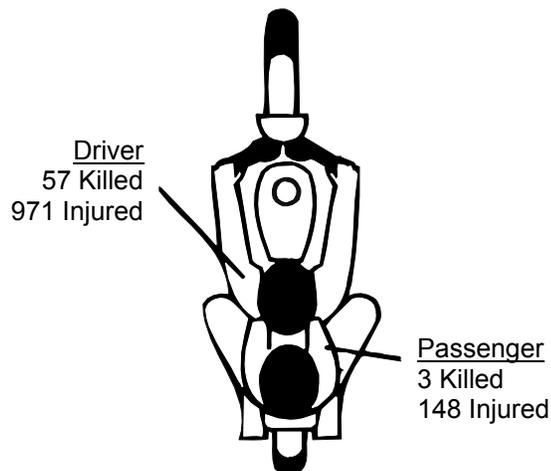
These numbers count only those occupants for whom safety equipment use and seat location were reported on the accident report form. Seat 7 includes miscellaneous seat positions such as third row seats in cars and vans. Note that use of safety equipment is often self-reported on the crash report form and may not reflect actual use.

Motorcycles

With Helmet



Without Helmet



These numbers include only those motorcyclists whose safety equipment use was reported on the crash report form. Use of safety equipment is often self-reported and may not reflect actual use. *Without Helmet* includes those cases where safety equipment was *Eye Protection Only*.