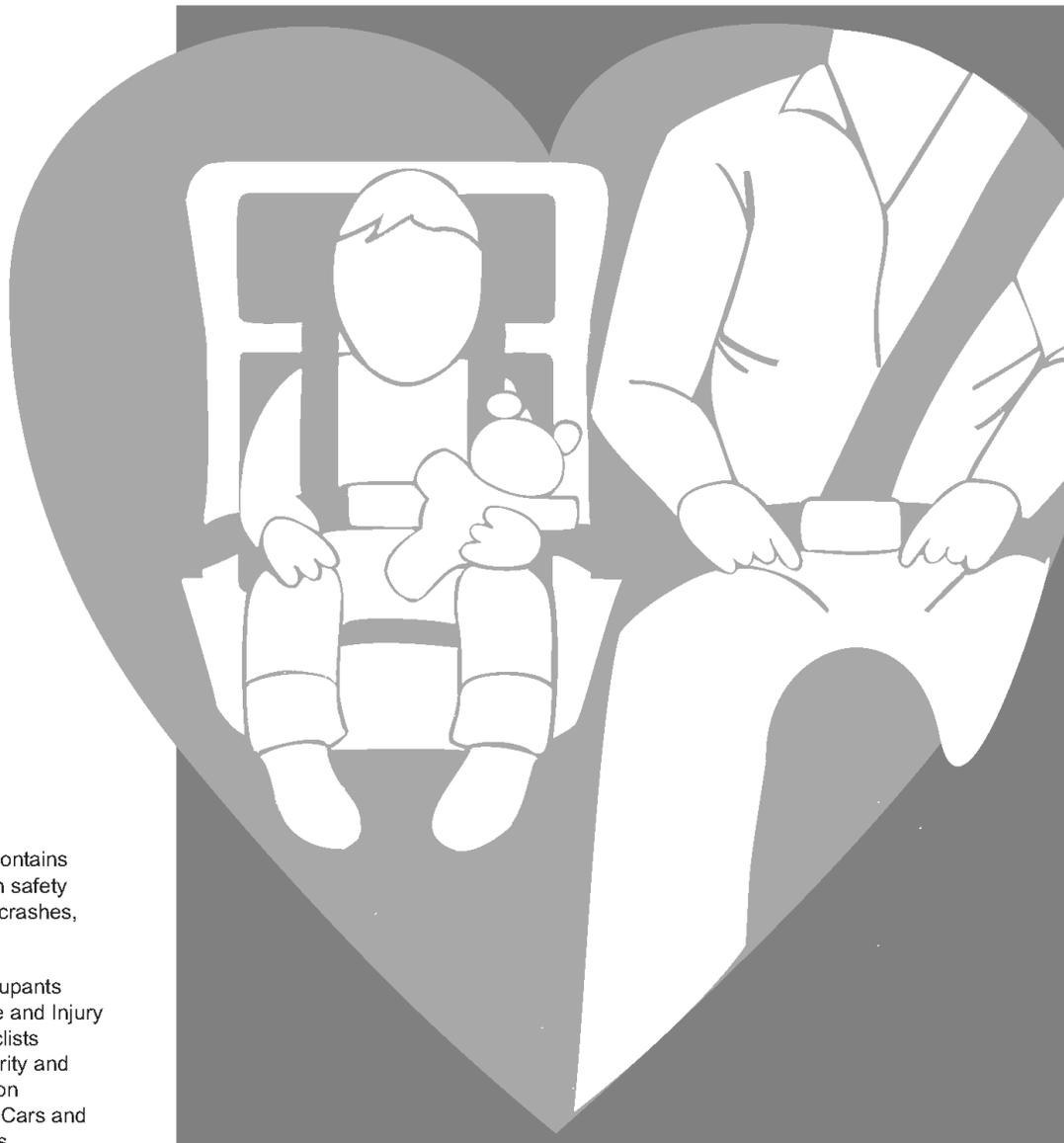


VII. SAFETY EQUIPMENT



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

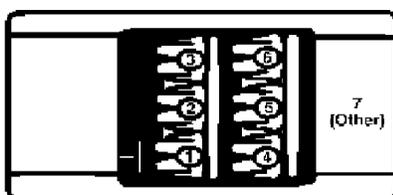
- Age of Occupants
- Helmet Use and Injury to Motorcyclists
- Injury Severity and Seat Position
- Passenger Cars and Light Trucks

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			
Injury Severity	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Not Injured	87,610	1,307	124	15	21,087	374	6,224	100	1,876	71	7,747	125	2,157	60	126,825	2,052
Incapacitating	1,080	288	1	1	297	91	41	18	14	15	53	18	12	9	1,498	440
Nonincapacitating	6,012	661	10	3	1,428	229	268	50	61	17	334	46	70	8	8,183	1,014
Possible	11,851	418	20	6	3,068	161	592	32	161	19	776	48	206	16	16,674	700
Killed	111	110	0	0	28	27	8	5	0	1	7	8	2	0	156	151
TOTAL	106,664	2,784	155	25	25,908	882	7,133	205	2,112	123	8,917	245	2,447	93	153,336	4,357

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	196	20	4	2,070	25	2,315
3	171	23	1	1,005	17	1,217
4	254	19	2	907	19	1,201
5-9	3,260	137	26	1,718	90	5,231
10-14	4,846	105	12	14	107	5,084
15	1,740	24	6	0	65	1,835
16	4,877	33	10	0	116	5,036
17	5,341	28	8	0	144	5,521
18	5,255	28	9	0	213	5,505
19	4,898	30	16	0	209	5,153
20	4,564	21	8	0	189	4,782
21	4,492	26	12	0	228	4,758
22	4,390	13	16	0	205	4,624
23	4,071	12	12	0	172	4,267
24	3,500	10	9	0	149	3,668
25-34	26,171	80	86	0	1,003	27,340
35-44	18,939	46	42	0	500	19,527
45-54	18,480	56	43	0	384	18,963
55-64	14,459	27	28	0	245	14,759
65-74	8,098	22	14	0	124	8,258
75-84	4,777	4	6	0	62	4,849
85 & over	1,586	0	3	0	31	1,620
Unknown	949	23	4	1,144	60	2,180
TOTAL	145,314	787	377	6,858	4,357	157,693

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			
Injury Severity	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Not Injured	14,584	367	140	14	3,143	81	462	9	226	6	667	16	81	4	19,303	497
Incapacitating	153	78	1	3	41	24	6	2	0	0	2	1	0	0	203	108
Nonincapacitating	807	192	8	6	203	53	13	2	8	2	8	9	6	1	1,053	265
Possible	1,209	110	16	4	296	25	38	1	12	8	52	8	7	3	1,630	159
Killed	12	33	0	1	4	4	0	0	0	0	0	0	0	0	16	38
TOTAL	16,765	780	165	28	3,687	187	519	14	246	16	729	34	94	8	22,205	1,067

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	22	2	0	148	0	172
3	16	2	0	82	1	101
4	19	3	1	61	1	85
5-9	274	24	2	149	15	464
10-14	482	27	1	0	24	534
15	215	3	0	0	18	236
16	622	8	2	0	25	657
17	625	8	2	0	39	674
18	606	13	0	0	42	661
19	560	11	3	0	39	613
20	480	5	3	0	46	534
21	535	7	1	0	58	601
22	499	3	0	0	37	539
23	465	5	0	0	27	497
24	411	4	0	0	29	444
25-34	3,629	17	14	0	225	3,885
35-44	3,327	16	8	0	145	3,496
45-54	3,852	14	4	0	131	4,001
55-64	2,798	8	13	0	85	2,904
65-74	1,266	4	3	0	44	1,317
75-84	496	2	1	0	19	518
85 & over	110	1	0	0	3	114
Unknown	126	1	0	84	14	225
TOTAL	21,435	188	58	524	1,067	23,272

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	46	419	1,641	2,176	4,210	8,492
No collision w/ vehicle in transit	85	455	1,519	1,202	3,320	6,581
Rear end	11	112	602	725	2,500	3,950
Head on	51	161	364	253	416	1,245
Side swipe / opposite direction	7	59	158	198	412	834
Side swipe / same direction	1	24	114	161	419	719
Rear to rear	0	0	4	3	8	15
Unknown	0	0	1	5	7	13
TOTAL	201	1,230	4,403	4,723	11,292	21,849

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	171	135	48	77	431	8	22	9	3	42
Incapacitating	200	241	107	18	566	18	32	12	3	65
Nonincapacitating	486	431	193	29	1,139	41	49	38	9	137
Possible	174	149	65	18	406	13	25	10	2	50
Killed	22	51	20	5	98	3	6	5	0	14
TOTAL	1,053	1,007	433	147	2,640	83	134	74	17	308

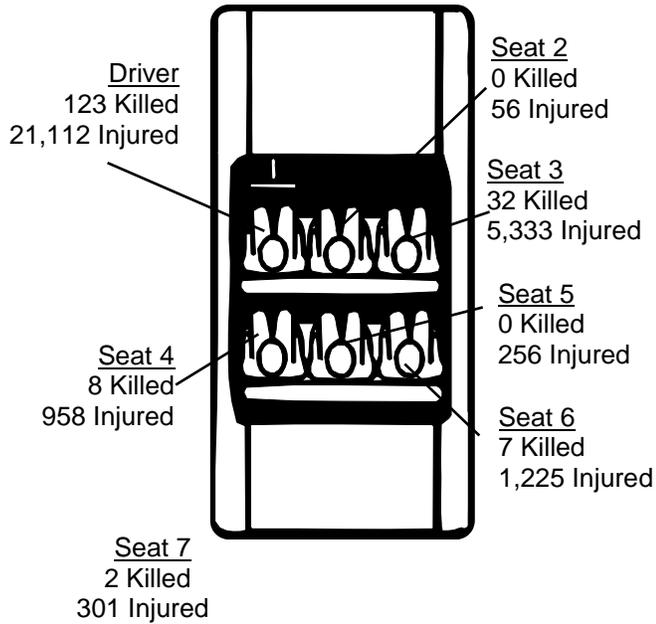
Injury Severity	Seat Position by Safety Equipment Use									
	Side Car					TOTAL				
	Helmet Worn	Eye Protection	None	Unknown	Total	Helmet Worn	Eye Protection	None	Unknown	Total
Not Injured	0	1	0	0	1	179	158	57	80	474
Incapacitating	0	6	1	0	7	218	279	120	21	638
Nonincapacitating	1	1	0	0	2	528	481	231	38	1,278
Possible	0	2	0	0	2	187	176	75	20	458
Killed	0	0	0	0	0	25	57	25	5	112
TOTAL	1	10	1	0	12	1,137	1,151	508	164	2,960

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

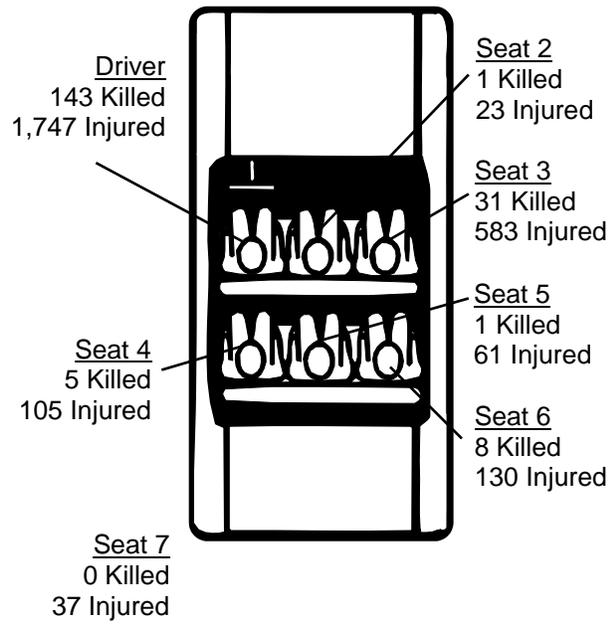
Occupants and Injury Severity by Seating Position and Safety Equipment Use

Passenger Cars and Light Trucks

With Safety Equipment



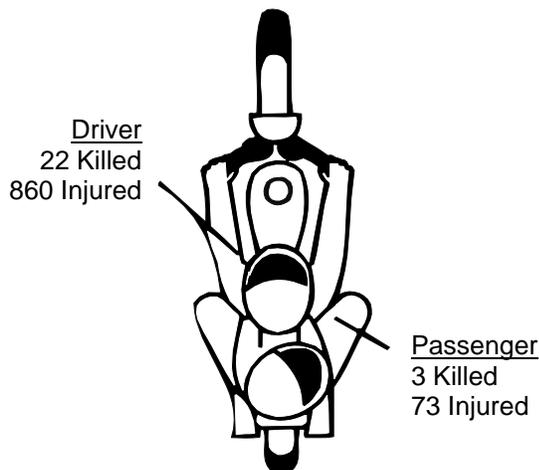
Without Safety Equipment



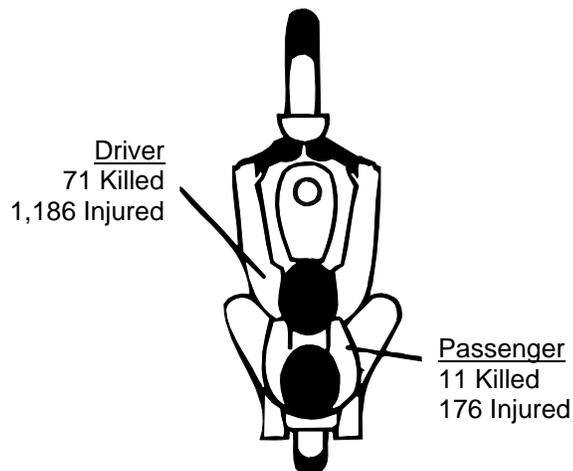
These numbers count only those occupants for whom safety equipment use and seat location were reported on the accident report form. Seat 7 includes miscellaneous seat positions such as third row seats in cars and vans. Note that use of safety equipment is often self-reported on the crash report form 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*.