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**TEXAS  
DEPARTMENT OF PUBLIC SAFETY**

**STATEWIDE  
MOTORCYCLE ACCIDENTS**

Calendar Year - 1989

COMMISSION  
ROBERT B. HOLT  
CHAIRMAN  
CALVIN R. GUEST  
ALBERT B. ALKEK

JOE E. MILNER  
DIRECTOR  
JAMES R. WILSON  
ASST. DIRECTOR

STATEWIDE - MOTORCYCLE CASUALTIES ONLY

AGE GROUP	KILLED					INJURED				
	TOTAL	OPERATOR		PASSENGER		TOTAL	OPERATOR		PASSENGER	
		MALE	FEM	MALE	FEM		MALE	FEM	MALE	FEM
6 & Under	0	0	0	0	0	17	0	0	12	5
7	0	0	0	0	0	5	0	0	5	0
8	0	0	0	0	0	6	0	0	5	1
9	0	0	0	0	0	7	3	0	3	1
10	0	0	0	0	0	8	1	0	7	0
11	0	0	0	0	0	10	2	0	6	2
12	0	0	0	0	0	19	9	0	8	2
13	2	2	0	0	0	33	16	1	14	2
14	0	0	0	0	0	63	29	5	16	12
15	3	3	0	0	0	111	62	4	23	21
16	6	4	0	1	1	128	70	5	30	23
17	1	1	0	0	0	224	148	7	37	32
18	12	8	0	3	1	370	275	8	44	43
19	15	13	0	1	1	481	391	15	38	36
20-24	55	49	1	3	1	1955	1682	54	104	108
25-34	99	86	2	5	6	2111	1871	51	63	121
35-44	31	29	0	0	2	857	763	21	14	57
45-54	10	7	0	1	2	226	197	5	1	22
55-64	6	3	0	1	2	75	68	1	1	5
65 & Over	2	2	0	0	0	29	28	1	0	0
Unk	1	0	0	0	1	77	19	1	20	24
TOTAL	243	207	3	15	17	6812	5634	179	451	517

PART OF BODY INJURED	OPERATOR		PASSENGER	
	KILLED	INJ	KILLED	INJ
Head	70	383	14	67
Neck	3	33	0	8
Trunk or Torso	19	382	2	52
Arms	1	463	0	61
Legs	2	950	0	172
Internal	9	8	2	1
Multiple Parts of Body	65	1985	10	287
Head and Neck	14	18	1	2
Head and Arms/Legs	11	407	3	49
Unknown	17	1214	0	270
TOTAL	211	5843	32	969

AGE GROUP	TOTAL	KILLED				INJURED				
		OPERATOR		PASSENGER		TOTAL	OPERATOR		PASSENGER	
		HELMET	NO HELMET	HELMET	NO HELMET		HELMET	NO HELMET	HELMET	NO HELMET
6 & Under	0	0	0	0	0	14	0	0	6	8
7	0	0	0	0	0	5	0	0	2	3
8	0	0	0	0	0	6	0	0	2	4
9	0	0	0	0	0	7	2	1	2	2
10	0	0	0	0	0	8	1	0	3	4
11	0	0	0	0	0	8	0	2	4	2
12	0	0	0	0	0	17	1	7	5	4
13	2	0	2	0	0	32	4	12	6	10
14	0	0	0	0	0	59	10	24	7	18
15	3	0	3	0	0	98	28	31	14	25
16	6	2	2	0	2	122	44	28	16	34
17	0	0	0	0	0	208	73	71	20	44
18	12	2	6	0	4	352	130	139	17	66
19	15	4	9	1	1	460	200	194	19	47
20-24	54	14	36	0	4	1851	804	846	59	142
25-34	99	34	54	4	7	1974	898	906	45	125
35-44	31	7	22	1	1	805	371	367	23	44
45-54	10	4	3	3	0	210	115	73	15	7
55-64	6	1	2	2	1	70	46	18	5	1
65 & Over	2	2	0	0	0	29	20	9	0	0
Unk	1	0	0	0	1	65	11	11	13	30
TOTAL	241	70	139	11	21	6400	2758	2739	283	620

Figures do not include motorcyclists whose helmet use was not reported

HELMET INFORMATION	KILLED	INJ
Worn	81	3041
Not Worn	160	3359
Not Reported	2	412
TOTAL	243	6812

EYE PROTECTION	KILLED	INJ
Faceshield Worn	39	1449
Goggles Worn	4	44
Other Protective Device Worn	0	18
No Eye Protection	161	4001
Not Reported	39	1300
TOTAL	243	6812

STATEWIDE - MOTORCYCLE OPERATORS ONLY

AGE OF DRIVER	TOTAL	FATAL	INJURY
15 & YOUNGER	157	5	144
16	91	4	79
17	176	2	158
18 to 19	798	23	711
20 to 24	2021	60	1785
25 to 34	2236	100	1975
35 to 44	910	32	810
45 to 54	231	7	211
55 to 64	82	4	70
65 to 74	24	1	22
75 & OLDER	9	2	6
UNKNOWN	187	2	62
TOTAL DRIVERS	6922	242	6033

VEHICLE CONDITION	TOTAL	FATAL	INJURY
NO DEFECTS REPORTED	6700	230	5832
DEFECTIVE BRAKES	51	0	48
DEFECTIVE STEERING	23	0	22
DEF OR IMPROPER LIGHT	35	6	27
DEFECTIVE TIRES	82	5	75
DEF TRAILER EQUIP.	0	0	0
DEF STOP OR TURN SIGNAL	4	0	4
WHEEL CAME OFF VEHICLE	1	1	0
OTHER DEFECTS	26	0	25
TOTAL VEHICLES	6922	242	6033

CONDITION OF DRIVER	TOTAL	FATAL	INJURY
NORMAL	6888	242	5999
EYESIGHT DEFECTIVE	2	0	2
HEARING DEFECTIVE	0	0	0
LIMBS MISSING	0	0	0
OTHER PHYSICAL DEFECT	1	0	1
ILL	8	0	8
FATIGUED OR ASLEEP	22	0	22
OTHER HANDICAP	1	0	1
TOTAL DRIVERS	6922	242	6033

VIOLATIONS CONTRIBUTING TO ACCIDENT	TOTAL	FATAL	INJURY
SPEEDING OVER LIMIT	638	76	542
SPEED-UNDER LIMIT-UNSAFE	1596	46	1426
FAIL TO YIELD ROW TO VEHICLE	248	8	204
DISREGARD STOP SIGN OR LIGHT	52	3	43
DISREGARD STOP AND GO SIGNAL	111	4	96
DISREGARD FLASHING YELLOW SIGNAL	0	0	0
IMPROPER TURN-WIDE RIGHT	15	2	10
IMPROPER TURN-CUT CORNER ON LEFT	6	0	6
IMPROPER TURN-WRONG LANE	13	0	12
WRONG SIDE-NOT PASSING	41	5	33
WRONG WAY ONE WAY ROAD	8	0	7
FOLLOWING TOO CLOSELY	128	2	108
OVERTAKE & PASS-INSUFFICIENT CLEARANCE	10	1	8
PASS IN NO PASSING ZONE	32	2	29
OTHER ILLEGAL PASSING	129	2	112
NO SIGNAL OR WRONG SIGNAL OF INTENTION	13	0	12
IMPROPER START FROM PARKED POSITION	17	0	14
FAIL TO YIELD ROW TO PEDESTRIAN	5	1	4
IMPROPER PARKING	7	0	3
DRIVING UNDER INFLUENCE (liquor or drugs)	732	91	618
OTHER VIOLATIONS	761	18	669
TOTAL VIOLATIONS	4562	261	3956

RESIDENCE & LICENSE	TOTAL	FATAL	INJURY
TEXAS RESIDENT, LICENSED	5501	196	4874
TEXAS RESIDENT, NOT LICENSED	858	28	765
TEXAS RESIDENT, LICENSE UNK.	71	6	59
NON-RESIDENT, LICENSED	324	8	283
NON-RESIDENT, NOT LICENSED	3	3	0
NON-RESIDENT, LICENSE UNK.	3	0	3
NOT STATED	162	1	49
TOTAL DRIVERS	6922	242	6033



# MOTOR VEHICLE TRAFFIC ACCIDENTS

SUMMARY OF MOTORCYCLE INVOLVED ACCIDENTS IN THE STATE OF TEXAS FOR CALENDAR YEAR 1989  
 PREPARED BY THE TEXAS DEPARTMENT OF PUBLIC SAFETY STATISTICAL SERVICES THIS SUMMARY INCLUDES REPORTS AND INFORMATION AVAILABLE ON 02-28-90

1. CURRENT REPORT A. TYPE OF ACCIDENT	NUMBER OF ACCIDENTS												NUMBER OF PERSONS				
	TOTAL				ON ROADWAY				OFF ROADWAY				KILLED	INJURED	INJURY SEVERITY		
	TOTAL	FATAL	INJURY	NON-INJ.	TOTAL	FATAL	INJURY	NON-INJ.	TOTAL	FATAL	INJURY	NON-INJ.			A	B	C
PEDESTRIAN	42	2	40	0	37	2	35	0	5	0	5	0	2	67	22	35	10
MTR VEH IN TRAFFIC	3825	120	3232	473	3797	119	3211	467	28	1	21	6	127	4160	1154	2028	978
RAILROAD TRAIN	2	0	2	0	2	0	2	0	0	0	0	0	0	2	0	0	0
PARKED MOTOR VEH	111	0	81	28	80	0	63	17	31	3	17	11	3	94	37	49	8
PEDALCYCLIST	21	0	21	0	20	0	20	0	1	0	1	0	0	35	3	24	8
ANIMAL	97	0	93	4	95	0	91	4	2	0	2	0	0	101	36	61	4
FIXED OBJECT	777	66	666	45	41	2	38	1	736	64	628	44	70	781	308	384	89
OTHER OBJECT	28	2	23	3	25	2	21	2	3	0	2	1	2	28	7	19	2
OVERTURNED	1857	42	1725	90	1235	2	1153	54	622	14	572	36	44	1997	543	1213	241
OTH. NON-COLLISION	94	2	91	1	78	2	75	1	16	0	16	0	2	111	30	71	10
<b>TOTALS</b>	<b>6854</b>	<b>237</b>	<b>5973</b>	<b>644</b>	<b>5410</b>	<b>155</b>	<b>4709</b>	<b>546</b>	<b>1444</b>	<b>82</b>	<b>1264</b>	<b>98</b>	<b>250</b>	<b>7376</b>	<b>2142</b>	<b>3884</b>	<b>1350</b>
<b>B. LOCATION</b>																	
INTERSTATE ROUTES	608	25	521	62	438	16	371	51	170	9	150	11	27	637	186	326	125
US & STATE ROUTES	1616	58	1408	150	1378	44	1198	136	238	14	210	14	62	1754	506	919	329
FARM-MARKET ROADS	718	33	633	52	512	22	450	40	206	11	183	12	35	794	282	378	134
COUNTY ROADS	577	23	505	49	358	15	309	34	219	8	196	15	23	631	248	293	90
CITY STREETS	3314	97	2889	328	2707	58	2366	283	607	39	523	45	102	3539	916	1958	665
OTHER	21	1	17	3	17	0	15	2	4	1	2	1	1	21	4	10	7
<b>TOTALS</b>	<b>6854</b>	<b>237</b>	<b>5973</b>	<b>644</b>	<b>5410</b>	<b>155</b>	<b>4709</b>	<b>546</b>	<b>1444</b>	<b>82</b>	<b>1264</b>	<b>98</b>	<b>250</b>	<b>7376</b>	<b>2142</b>	<b>3884</b>	<b>1350</b>
<b>C. POPULATION GROUP</b>																	
UNDER 2,500	1508	83	1310	115	954	57	817	80	554	26	493	35	88	1680	655	797	228
2,500 TO 5,000	171	5	155	11	135	4	120	11	36	1	35	0	5	186	61	87	38
5,000 TO 10,000	207	4	180	23	163	4	140	19	44	0	40	4	4	210	66	99	45
10,000 TO 25,000	723	22	620	81	593	13	512	68	130	9	108	13	23	734	215	386	133
25,000 TO 50,000	469	5	408	56	395	3	344	48	74	2	64	8	17	497	135	276	86
50,000 TO 100,000	748	15	663	70	628	9	554	65	120	6	109	5	23	833	219	483	131
100,000 TO 250,000	784	21	699	64	653	13	584	56	131	8	115	8	23	859	232	458	169
OVER 250,000	2244	82	1938	224	1889	52	1638	199	355	30	300	25	85	2377	559	1298	520
<b>TOTALS</b>	<b>6854</b>	<b>237</b>	<b>5973</b>	<b>644</b>	<b>5410</b>	<b>155</b>	<b>4709</b>	<b>546</b>	<b>1444</b>	<b>82</b>	<b>1264</b>	<b>98</b>	<b>250</b>	<b>7376</b>	<b>2142</b>	<b>3884</b>	<b>1350</b>

NOTE: NO TOTALS, EXCEPT FATAL ACCIDENTS AND DEATHS, CAN BE COMPARED TO YEARS PRIOR TO 1987 DUE TO CHANGES IN REPORT PROCESSING

2. COMPARATIVE TOT'S A. TYPE OF ACC.	TOTALS												ON ROADWAY					INJURY SEVERITY				
	THIS YEAR TO DATE				SAME PERIOD LAST YEAR				THIS YEAR TO DATE				SAME PERIOD LAST YEAR				INJURY SEVERITY					
	ACC'S	KILLED	INJURED	FAT'S	ACC'S	KILLED	INJURED	FAT'S	ACC'S	KILLED	INJURED	FAT'S	ACC'S	KILLED	INJURED	FAT'S	A	B	C			
PEDESTRIAN	42	2	69	70	6	97	67%	37	2	55	64	6	88	A. INCAPACITATING INJURY - SEVERE INJURY WHICH PREVENTS CONTINUATION OF NORMAL ACTIVITIES								
MTR VEH IN TRAFFIC	3825	127	4160	4548	155	5001	18%	3797	126	4136	4503	154	4946	INCLUDES BROKEN OR DISTORTED LIMBS, INTERNAL INJURIES, CRUSHED CHESTS, ETC.								
RAILROAD TRAIN	2	0	2	1	0	0	100%	2	0	2	1	1	0	B. NONINCAPACITATING INJURY - EVIDENT INJURY SUCH AS BRUISES, ABRASIONS, MINOR LACERATIONS WHICH DO NOT INCAPACITATE								
PARKED MTR VEHICLE	111	3	94	132	1	119	+200%	80	0	72	93	0	81	C. POSSIBLE INJURY - INJURY WHICH IS CLAIMED, REPORTED OR INDICATED BY BEHAVIOR BUT WITHOUT VISIBLE WOUNDS. INCLUDES LIMPING, MOMENTARY UNCONSCIOUSNESS OR COMPLAINT OF PAIN.								
PEDALCYCLIST	21	0	35	38	2	35	100%	20	0	33	37	2	63									
ANIMAL	97	0	101	105	2	121	+100%	95	0	99	103	2	119									
FIXED OBJECT	777	70	781	978	89	1004	+21%	41	2	45	73	2	90									
OTHER OBJECT	28	2	28	20	1	24	+100%	25	2	26	18	0	22									
MTR VEH OTHER ROAD	0	0	0	0	0	0	NC	0	0	0	0	0	0									
OVERTURNED	1857	44	1997	2040	37	2228	+19%	1235	30	1336	1335	19	1455									
OTH. NON-COLLISION	94	2	111	176	10	187	+80%	78	2	91	143	6	153									
<b>TOTALS</b>	<b>6854</b>	<b>250</b>	<b>7376</b>	<b>8108</b>	<b>304</b>	<b>8846</b>	<b>+18%</b>	<b>5410</b>	<b>164</b>	<b>5895</b>	<b>6370</b>	<b>192</b>	<b>7017</b>									
<b>B. LOCATION</b>																						
INTERSTATE ROUTES	608	27	637	657	28	740	+4%	438	18	460	482	18	534	MILEAGE RATES								
US & STATE ROUTES	1616	62	1754	1916	89	2122	+30%	1378	47	1509	1576	65	1773	THIS YEAR TO DATE								
FARM-MARKET ROADS	718	35	794	874	53	928	+34%	512	24	580	611	32	654	SAME PERIOD LAST YEAR								
COUNTY ROADS	577	23	631	605	28	679	+18%	358	15	395	365	16	414	PER CENT CHANGE								
CITY STREETS	3314	102	3539	4032	106	4348	+4%	2707	60	2932	3318	61	3618	REPORTED								
OTHER	21	1	21	24	0	29	+INF%	17	0	18	18	0	24	MOTOR VEHICLE TRAFFIC DEATHS								
<b>TOTALS</b>	<b>6854</b>	<b>250</b>	<b>7376</b>	<b>8108</b>	<b>304</b>	<b>8846</b>	<b>+18%</b>	<b>5410</b>	<b>164</b>	<b>5895</b>	<b>6370</b>	<b>192</b>	<b>7017</b>	REPORTED								
<b>C. POPULATION GROUP</b>																						
UNDER 2,500	1508	89	1680	1773	106	1910	+17%	954	62	1092	1072	64	1223	ESTIMATED VEH MILES TRAVELED (MILLIONS)								
2,500 TO 5,000	171	5	186	183	2	206	+150%	135	4	146	146	1	169	DEATH RATE								
5,000 TO 10,000	207	4	210	235	5	239	+20%	163	4	166	185	4	183	PER 100,000,000 VEHICLE MILES								
10,000 TO 25,000	723	23	734	845	16	922	+44%	593	3	603	689	13	750	INJURY RATE								
25,000 TO 50,000	469	5	497	604	7	635	+29%	395	3	426	533	4	562	PER 100,000,000 VEHICLE MILES								
50,000 TO 100,000	748	17	833	849	37	932	+54%	628	10	701	746	24	841									
100,000 TO 250,000	784	23	859	921	34	1021	+32%	653	13	728	746	24	841									
OVER 250,000	2244	85	2377	2757	97	2977	+12%	1889	54	2033	2295	60	2499									
<b>TOTALS</b>	<b>6854</b>	<b>250</b>	<b>7376</b>	<b>8108</b>	<b>304</b>	<b>8846</b>	<b>+18%</b>	<b>5410</b>	<b>164</b>	<b>5895</b>	<b>6370</b>	<b>192</b>	<b>7017</b>									

\* INDICATES LESS THAN 0.5% CHANGE

3. TIME HOUR BEGINNING	TOTAL ACC'S		SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		PED		PEDCYCL	
	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL
	MIDNIGHT	231	9	51	3	21	0	18	2	21	1	21	0	27	0	63	2	0	0	0
1:00 A.M.	228	11	68	5	23	2	21	1	17	0	19	1	26	0	56	2	2	0	0	0
2:00 A.M.	211	15	50	6	24	1	12	2	23	2	19	2	30	1	53	1	0	0	0	0
3:00 A.M.	86	5	24	1	8	1	3	0	8	0	7	0	15	1	21	2	0	0	0	0
4:00 A.M.	43	1	13	1	6	0	3	0	1	0	2	0	5	0	13	0	0	0	0	0
5:00 A.M.	37	1	0	0	6	0	5	0	5	0	6	0	6	0	9	1	1	0	0	0
6:00 A.M.	97	5	5	0	21	0	17	1	13	1	17	1	16	0	8	2	1	0	0	0
7:00 A.M.	159	2	8	0	30	0	28	0	27	0	26	0	31	2	9	0	0	0	0	0
8:00 A.M.	148	0	9	0	31	0	27	0	16	0	19	0	27	0	19	0	0	0	0	0
9:00 A.M.	138	4	14	0	20	2	18	0	22	1	22	0	18	0	24	1	1	0	0	0
10:00 A.M.	156	4	22	0	22	0	27	0	22	0	14	1	21	1	28	2	2	0	2	0
11:00 A.M.	267	5	36	1	28	0	33	1	22	1	40	0	55	2	53	0	1	0	0	0
NOON	332	7	45	0	37	0	55	0	44	1										