

Report to the Environmental Scrutiny Committee

19 March 2001

Accident Statistics

Background

This report provides an update on the current position with regard to accident statistics.

Accompanying this report are a number of statistics which show trends over the past three years.

The Traffic and Transportation Manager, Steven Lee will be attending the meeting to discuss the issues arising from the statistics and respond to any member concerns.

Paul Mallinder
Development Services Directorate
Business and Support Services Manager

Standard Totals Report : 2000 ACCIDENT AND CASUALTY TOTALS

Accidents

Fatal	12
Serious	74
Slight	1049
Total Accidents	1135

Casualties By Age and Sex

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Fatal					
Male	1	5	1	3	10
Female	0	3	1	0	4
Total	1	8	2	3	14
Serious					
Male	16	39	4	3	62
Female	5	11	2	5	23
Total	21	50	6	8	85
Slight					
Male	160	685	37	28	910
Female	79	555	34	30	698
Total	239	1240	71	58	1608
Total Casualties	261	1298	79	69	1707

Casualties By Age and Class

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Fatal					
Driver or rider	0	3	0	0	3
Veh or pillion pas	0	5	0	0	5
Pedestrian	1	0	2	3	6
Total	1	8	2	3	14
Serious					
Driver or rider	4	36	2	1	43
Veh or pillion pas	5	5	2	2	14
Pedestrian	12	9	2	5	28
Total	21	50	6	8	85
Slight					
Driver or rider	38	811	35	28	912
Veh or pillion pas	109	354	29	21	513
Pedestrian	92	75	7	9	183
Total	239	1240	71	58	1608
Total Casualties	261	1298	79	69	1707

Cyclist (Rider and Pillion) and Pedestrian Casualties By Age

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Fatal	1	1	2	3	7
Serious	16	13	3	5	37
Slight	127	117	10	13	267
Total Casualties	144	131	15	21	311

Casualties Broken Down By Type

Car (Driver)	
Fatal	2
Serious	18
Slight	700
Total	720
Car (Passenger)	
Fatal	4
Serious	12
Slight	440
Total	456
Pedestrian	
Fatal	6
Serious	28
Slight	183
Total	217
TWPV (Rider)	
Serious	16
Slight	63
Total	79
TWPV (Pillion)	
Fatal	1
Slight	8
Total	9
Cyclist (Rider)	
Fatal	1
Serious	8
Slight	83
Total	92
Cyclist (Pillion)	
Serious	1
Slight	1
Total	2
PSV (Driver)	
Slight	8
Total	8
PSV (Passenger)	
Serious	1
Slight	45
Total	46
Other (Driver)	
Serious	1
Slight	58
Total	59
Other (Passenger)	
Slight	19
Total	19
Total	1707

School Pupil Casualties

Severity

Serious	3
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Standard Totals Report : YEAR 1999 ACCIDENT AND CASUALTY TOTALS

Accidents

Fatal	11
Serious	73
Slight	1050
Total Accidents	1134

Casualties By Age and Sex

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Fatal					
Male	0	9	1	0	10
Female	0	1	0	1	2
Total	0	10	1	1	12
Serious					
Male	15	35	6	3	59
Female	14	9	1	2	26
Total	29	44	7	5	85
Slight					
Male	136	684	28	24	872
Female	88	586	34	24	712
Total	224	1280	62	48	1584
Total Casualties	253	1384	70	54	1681

Casualties By Age and Class

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Fatal					
Driver or rider	0	6	0	0	6
Veh or pillion pas	0	3	0	0	3
Pedestrian	0	1	1	1	3
Total	0	10	1	1	12
Serious					
Driver or rider	2	21	2	1	26
Veh or pillion pas	8	9	2	0	19
Pedestrian	19	14	3	4	40
Total	29	44	7	5	85
Slight					
Driver or rider	40	858	25	20	943
Veh or pillion pas	95	330	32	13	470
Pedestrian	89	62	5	15	171
Total	224	1280	62	48	1584
Total Casualties	253	1384	70	54	1681

Cyclist (Rider and Pillion) and Pedestrian Casualties By Age

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Fatal	0	2	1	1	4
Serious	21	15	3	4	43
Slight	129	124	8	17	278
Total Casualties	150	141	12	22	325

School Pupil Casualties

Severity	
Serious	3

Casualties Broken Down By Type

Car (Driver)	
Fatal	1
Serious	14
Slight	721
Total	736
Car (Passenger)	
Fatal	3
Serious	13
Slight	410
Total	426
Pedestrian	
Fatal	3
Serious	40
Slight	171
Total	214
TWPV (Rider)	
Fatal	3
Serious	9
Slight	58
Total	70
TWPV (Pillion)	
Serious	1
Slight	3
Total	4
Cyclist (Rider)	
Fatal	1
Serious	3
Slight	106
Total	110
Cyclist (Pillion)	
Slight	1
Total	1
PSV (Driver)	
Slight	4
Total	4
PSV (Passenger)	
Serious	1
Slight	28
Total	29
Other (Driver)	
Fatal	1
Slight	54
Total	55
Other (Passenger)	
Serious	4
Slight	28
Total	32
Total	1681

Standard Totals Report : YEAR 1998 ACCIDENT AND CASUALTY TOTALS

Accidents

Fatal	7
Serious	66
Slight	1072
Total Accidents	1145

Casualties By Age and Sex

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Fatal					
Male	0	1	1	3	5
Female	0	0	2	0	2
Total	0	1	3	3	7
Serious					
Male	14	34	2	3	53
Female	3	9	1	3	16
Total	17	43	3	6	69
Slight					
Male	134	650	32	29	845
Female	103	588	36	30	757
Total	237	1238	68	59	1602
Total Casualties	254	1282	74	68	1678

Casualties By Age and Class

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Fatal					
Pedestrian	0	1	3	3	7
Total	0	1	3	3	7
Serious					
Driver or rider	5	28	1	0	34
Veh or pillion pas	0	4	1	1	6
Pedestrian	12	11	1	5	29
Total	17	43	3	6	69
Slight					
Driver or rider	29	830	35	19	913
Veh or pillion pas	112	335	27	27	501
Pedestrian	96	73	6	13	188
Total	237	1238	68	59	1602
Total Casualties	254	1282	74	68	1678

Cyclist (Rider and Pillion) and Pedestrian Casualties By Age

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Fatal	0	1	3	3	7
Serious	17	13	1	5	36
Slight	124	129	7	15	275
Total Casualties	141	143	11	23	318

School Pupil Casualties

Severity	
Serious	5
Slight	48

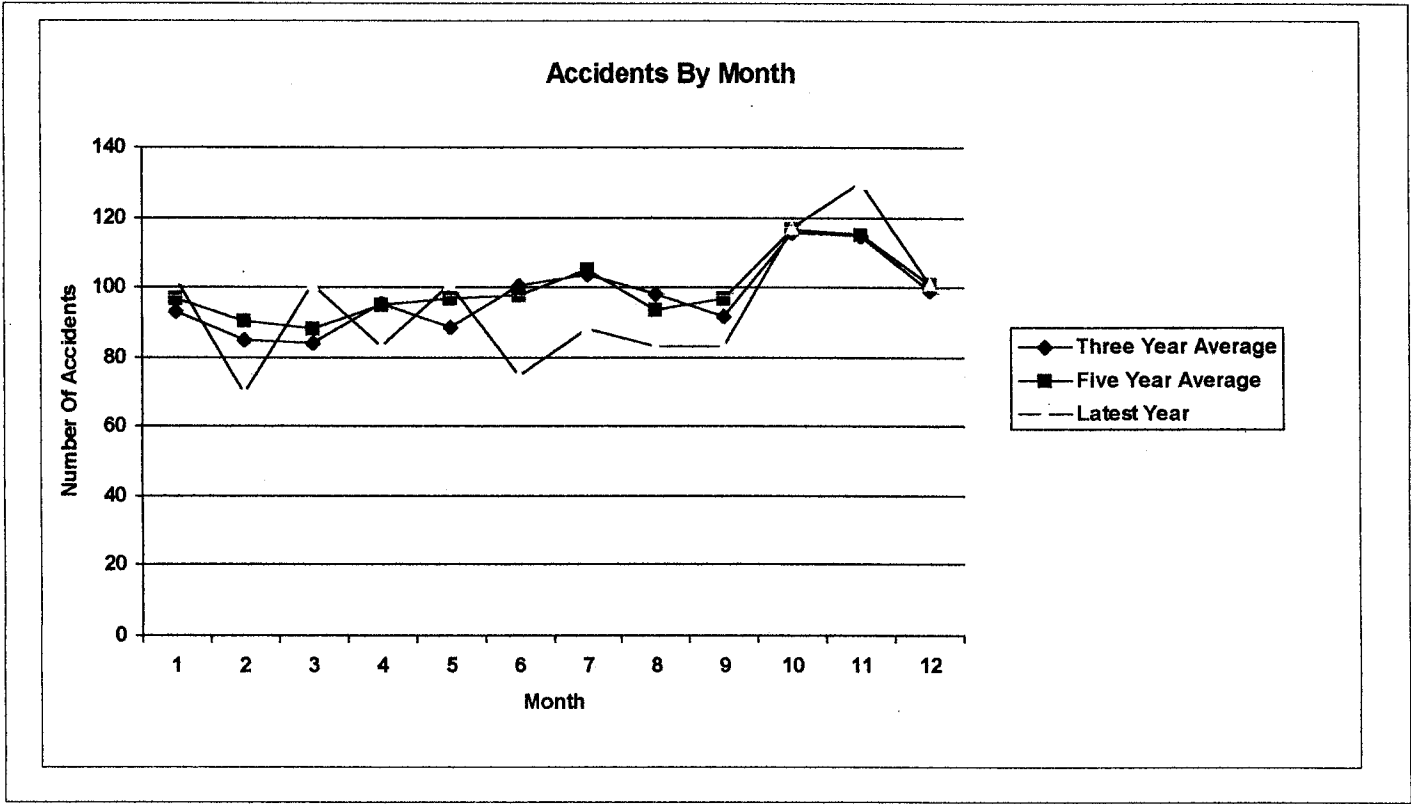
Casualties Broken Down By Type

Car (Driver)	
Serious	14
Slight	727
Total	741
Car (Passenger)	
Serious	4
Slight	449
Total	453
Pedestrian	
Fatal	7
Serious	29
Slight	188
Total	224
TWPV (Rider)	
Serious	11
Slight	50
Total	61
TWPV (Pillion)	
Slight	4
Total	4
Cyclist (Rider)	
Serious	7
Slight	85
Total	92
Cyclist (Pillion)	
Slight	2
Total	2
PSV (Driver)	
Slight	5
Total	5
PSV (Passenger)	
Serious	1
Slight	27
Total	28
Other (Driver)	
Serious	2
Slight	46
Total	48
Other (Passenger)	
Serious	1
Slight	19
Total	20
Total	1678

Accidents By Month : ACCIDENT TOTALS FROM 01/01/95 TO 31/12/2000

Month	1995	1996	1997	1998	1999	Average Last		2000	% Change Last	
						3 Years	5 Years		3 Years	5 Years
January	114	90	94	87	99	93.33	96.80	103	(10.36)	(6.40)
February	106	90	106	64	85	85.00	90.20	70	(-17.65)	(-22.39)
March	94	95	95	64	93	84.00	88.20	101	(20.24)	(14.51)
April	88	102	99	102	85	95.33	95.20	83	(-12.94)	(-12.82)
May	108	110	95	84	87	88.67	96.80	101	(13.91)	(4.34)
June	101	88	106	96	99	100.33	98.00	75	-25.25	-23.47
July	107	107	111	102	98	103.67	105.00	88	(-15.11)	(-16.19)
August	89	84	97	117	81	98.33	93.60	83	(-15.59)	(-11.32)
September	117	91	104	85	87	92.00	96.80	83	(-9.78)	(-14.26)
October	129	108	108	134	105	115.67	116.80	117	(1.15)	(0.17)
November	95	136	124	113	107	114.67	115.00	130	(13.37)	(13.04)
December	98	109	93	97	108	99.33	101.00	101	(1.68)	(0.00)
Total	1246	1210	1232	1145	1134	1170.33	1193.40	1135	(-3.02)	(-4.89)

() indicates no significant change



Severity By Year : ACCIDENT TOTALS FROM 01/01/95 TO 31/12/2000

Severity	1995	1996	1997	1998	1999	Average Last 3 Years	5 Years	2000	% Change Last 3 Years	5 Years
Accidents										
Fatal	18	9	7	7	11	8.33	10.40	12	(44.00)	(15.38)
Serious	99	100	89	66	73	76.00	85.40	74	(-2.63)	(-13.35)
Slight	1129	1101	1136	1072	1050	1086.00	1097.60	1049	(-3.41)	(-4.43)
Total Accidents	1246	1210	1232	1145	1134	1170.33	1193.40	1135	(-3.02)	(-4.89)
Casualties										
Fatal	19	11	8	7	12	9.00	11.40	14	(55.56)	(22.81)
Serious	109	111	101	69	85	85.00	95.00	85	(0.00)	(-10.53)
Slight	1683	1678	1657	1602	1584	1614.33	1640.80	1608	(-0.39)	(-2.00)
Total Casualties	1811	1800	1766	1678	1681	1708.33	1747.20	1707	(-0.08)	(-2.30)
Severity Index	0.071	0.068	0.062	0.045	0.058	0.055	0.061	0.058	(5.40)	(-4.76)

() indicates no significant change

Severity Index =
$$\frac{\text{Number of fatal and serious casualties}}{\text{Total number of casualties}}$$

e.g. Severity Index 2000 =
$$\frac{99}{1707} = 0.058$$

