



Road Casualty Reduction Unit

Accident Studies

Services & Information

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Road Casualty Reduction Unit

Services & Information

Foreword

West Yorkshire Police record details of injury accidents that occur on roads within the county of West Yorkshire. The data is held on computer as a time series from 1979 to the current date, and is therefore available for everyone who requires it. The aim of this document is to illustrate the range of services that can be provided and the method of requesting data, with examples of output styles.

Note: Accidents that only result in damage to vehicles and / or animals, are not recorded in this system.

The staff in the Road Casualty Reduction Unit (Transport Policy, Development Department) are able to provide the following services:-

- Produce accident statistics for any defined area within West Yorkshire.
- Identify “Sites for Concern” within West Yorkshire.
- Provide a site monitoring service for any location within West Yorkshire.
- Conduct in-depth studies of individual sites, lengths of road or of accident types.
- Analyse accident trends and draw comparisons for an area against the County & Great Britain figures.
- Give reasoned comments on the effects on the accident situation, of introducing new traffic measures (including new roads and new developments).
- Undertake Safety Audits.

The notes on the accompanying pages serve to illustrate, in more detail, the above features. In addition the examples shown may help users to select the style of report or presentation most suitable to their requirements.

Provision of Road Accident Statistics

Accident data can be provided for any specified area (including Wards and Districts), length of road or accident type within West Yorkshire from 1979 onwards. It is usual to provide the accidents for the previous five year period plus the current year at the requested site, but any time period may be chosen. Please note that a charge will be levied on private firms for the administrative work in providing the data.

In addition to looking at a particular area, it is also feasible to search the accident file using specified parameters. For example, you may wish to locate just all child pedestrian accidents that occurred in a given area.

The Request

Accident information is requested by completing the *Accident Data Request Form* and providing a suitable plan showing clearly the area for which the information is required. Provision of a plan allows the search to be completed without any ambiguity regarding the area of interest.

A copy of the Request Form can be obtained from the Leeds City Council intranet. The form is in Excel format, and it is recommended that the form is viewed online, as there are help features that assist its completion. The form can be downloaded to a convenient directory, using the standard 'File ... Save As' routine within Excel. The Appendix gives the contact details for where to send the completed form and location plan.

It is possible to accept the location plan in AutoCad format, with a search area of any polygon shape drawn and correctly located regarding the OS coordinates, i.e. the database can be interrogated on exactly the search area defined by yourself. The resulting accident plot could then be returned, in AutoCad format, via email if required. If this method is employed, then the background maps should be detached from the drawing to reduce the file size for transmission. In general, data for the last five complete years plus the current year is supplied, but any dates are acceptable e.g. 1.4.2003 to 31.3.2004.

LEEDS CITY COUNCIL
Casualty Reduction, Transport Studies, Development Department
Leonardo Building, 2 Rossington Street, Leeds LS2 8HB
Tel: 0113 247 6332
Fax: 0113 247 7830
email: accident.studies@leeds.gov.uk

Accident Data Request Form
Form: OP11 Issue 1 (1/7/2004)

Your Details :

Name: _____
Email: _____
Telephone: _____ Fax: _____
Address: _____
Post Code: _____
Your Reference: _____ Date: 1-Dec-04

Information Requested :

Date Required: _____ N.B. a suitable plan must be provided

Road Name & No. (include Town) or area, casualty group etc.	Junction or length of road (indicate if end junctions are to be included within the length)	
	From	To

Time period: From: _____ To: _____

Reason for Information and for any further instructions

Data Output format :

Narrative Tabular Summary
Location Plot Casualty Table
Accident Assessment

Delivery Option : Email Fax Post

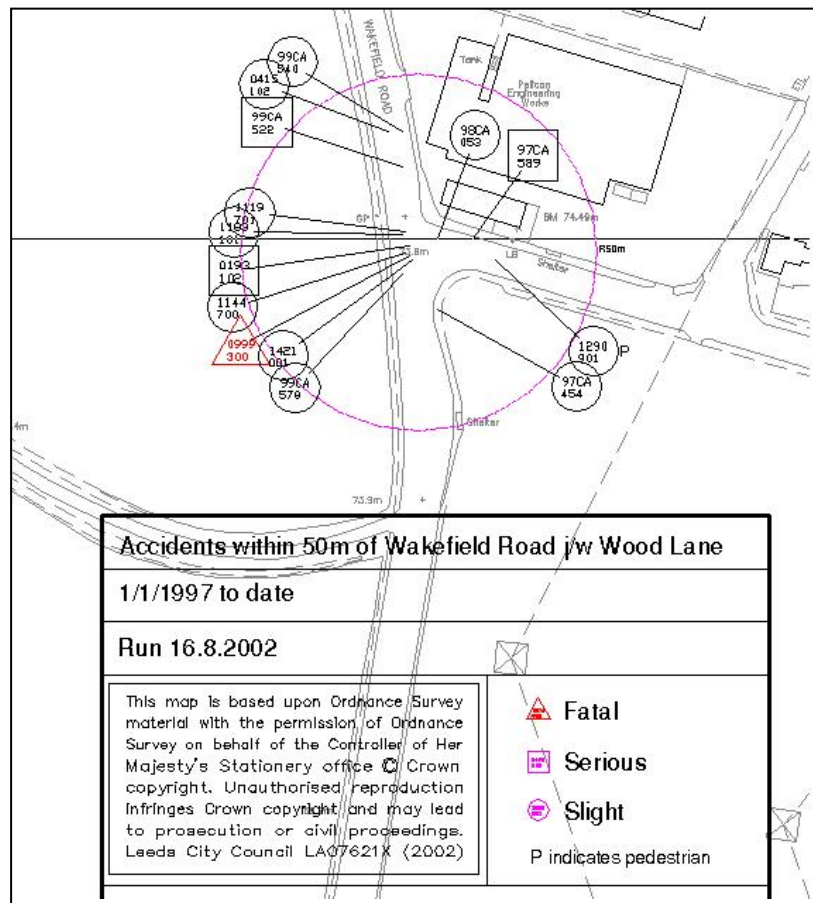
The Output

The results of the search can be presented in a variety of ways relevant to the type of enquiry, the number of accidents retrieved and the level of information required. The standard formats are Location Plot, Narrative, Tabular Summary, Casualty Table, Ad Hoc Tabulation and Assessment.

Location Plot

An accident location plot is a drawing showing where accidents occurred, and is often used to supplement a Tabular Summary or Accident Narrative .

Depending on the size of the search area, the accident plot will be displayed on the most appropriate size of paper with the most appropriate map base to suit. The example for accidents along Wakefield Road is overlaid on the OS Landline map and would be printed on A4. The A4 format is the only one suitable for use with fax transmission. If, for example, the request was for all pedestrian accidents over a very large area, then the results would be overlaid on the OS Oscar (road



centreline) maps (probably with the unclassified roads layer turned off to aid clarity), and printed on A0. Plans at A0 format take longer to produce as the plot joins a queue to the printer and is then despatched by traditional post.

The source file for the location plot is in AutoCad dwg format, and if you are able to handle files of this type, then the source file can be emailed instead of sending paper output. There are advantages to be gained from having the source file, particularly if the search area is very large with numerous accidents, as greater clarity can be achieved on screen by use of zoom and pan to selected areas.

Note: only the search polygon and retrieved accident data would be dispatched via email as a dwg file, the OS maps would be detached.

It is also possible to save the location plot in JPG (jpeg) format, which can then be inserted into a Word document or viewed by various software products e.g. Internet Explorer.

Narrative

The Accident Narrative report gives the location and details of the circumstances, plus some of the vehicle and casualty data.

Injury accidents on Wellington Street, Leeds from Queen St to City Sq, 1/1/1997 to date run 15/7/2002									
<u>0356801</u>	SLIGHT	429432/433462	01/04/2001	1800					
BA	WELLINGTON STREET		J/W	QUEEN STREET		LEEDS			
V2 RUNS INTO REAR OF V1.									
	VEHICLES		DRIVER		CASUALTIES		VEH	SEX	AGE
	1 Car		M 19		1 Driver/Rider	SLIGHT	1	M	19
	2 Car		M 50		2 Passenger	SLIGHT	1	M	20
<u>0375101</u>	SLIGHT	429434/433461	05/04/2001	2320					
BA	WELLINGTON STREET		J/W	NORTHERN STREET		LEEDS			
VEHICLE ONE AND VEHICLE TWO COLLIDE WHEN VEHICLE ONE ATTEMPTS TO TURN RIGHT AT TRAFFIC LIGHTS									
	VEHICLES		DRIVER		CASUALTIES		VEH	SEX	AGE
	1 Car		M 48		1 Driver/Rider	SLIGHT	2	M	28
	2 Taxi		M 28		2 Passenger	SLIGHT	2	F	18
					3 Passenger	SLIGHT	2	M	20
<u>0593301</u>	SLIGHT	429480/433455	06/07/2001	1415					
BA	WELLINGTON STREET			45MTS EAST J/W	NORTHERN STREET		LEEDS		
PEDESTRIAN KNOCKED DOWN BY VEHICLE									
	VEHICLES		DRIVER		CASUALTIES		VEH	SEX	AGE
	1 Car		F 30		1 Pedestrian	SLIGHT	1	M	52
	2 Car		M 45						
<u>0634800</u>	SERIOUS	429434/433461	09/07/2000	0310					
BA	NORTHERN STREET		J/W	WELLINGTON STREET		LEEDS			
VEH TURNING RT. AT TRAFFIC LIGHTS HITS PED. CROSSING MOUTH OF NORTHERN STREET									
	VEHICLES		DRIVER		CASUALTIES		VEH	SEX	AGE
	1 Car		? -1		1 Pedestrian	SERIOUS	1	M	32

Tables

The data meeting the search criteria can be summarised in various tables associated with Accidents, Vehicles and Casualties (see Appendix for details of all variables stored per accident). Most demands for tabulations can be met with the Tabular Summary and Casualty report layouts, but ad hoc tables giving more specific information can also be produced.

- **Tabular Summary:** This report tabulates the accidents, vehicles and casualties in various tables.
- **Casualty Table:** This table displays the casualty severity, grouped by standard age bands and road user groups.
- **Ad hoc Table:** If the required data is not available via the 'standard' reports, then a specific table tailored to meet your requirements can be compiled. Please contact the Accident Studies Unit by telephone to discuss the requirements. Because of their nature, these tabulations require more set up time to produce the results.

Tabular Summary

Injury accidents on Watlington Street, Leeds From Queen St to City Sq, 1/1/1997 to date see 12/10/2002															
ACCIDENT CLASS EPISODE										WEATHER		ROAD SURFACE		LIGHT CONDITIONS	
1995	1996	1997	1998	1999	2000	2001	TOTAL	Number	%	Number	%	Number	%	Number	%
FATAL	0	0	0	0	0	0	0	0	0	DRY	17	49	LIGHT	36	74
SEVERE	0	0	1	0	3	1	5	17	33	WET	18	51	DARK	9	26
SLIGHT	0	0	5	6	7	4	29	83	167	RAID WIND	1	3			
TOTAL	0	0	6	6	10	5	30	30	30	TOTAL	36	36	TOTAL	54	54

Injury accidents on Watlington Street, Leeds From Queen St to City Sq, 1/1/1997 to date see 12/10/2002												
NUMBER OF ACCIDENTS INVOLVING										SUICIDING ACCS		
PERSEVERAN	Number	%								Number	%	
PERSEVERAN	8	27								4	13	

Injury accidents on Watlington Street, Leeds From Queen St to City Sq, 1/1/1997 to date see 12/10/2002																	
ACCIDENTS BY DAY AND TIME										ACCIDENTS BY MONTH AND YEAR EPISODE							
DIR	MSH	TUE	WED	THURS	FRI	SAT	TOTAL	%	1996	1996	1997	1998	1999	2000	2001	TOTAL	%
18:00-18:59	0	0	0	0	0	1	1	3	JANUARY	0	0	1	0	2	0	3	9
19:00-19:59	1	0	0	0	0	0	1	3	FEBRUARY	0	0	1	1	1	0	3	9
20:00-20:59	0	1	0	0	0	0	1	3	MARCH	0	0	0	0	1	0	1	3
21:00-21:59	0	1	2	1	0	0	4	13	APRIL	0	0	0	1	2	2	5	14
22:00-22:59	0	0	0	1	0	0	1	3	MAY	0	0	0	1	0	0	1	3
23:00-23:59	0	1	2	1	0	0	4	13	JUNE	0	0	1	0	0	0	1	3
00:00-00:59	2	0	0	0	0	2	4	13	JULY	0	0	0	1	2	1	4	11
01:00-01:59	0	0	1	2	0	3	6	18	AUGUST	0	0	0	1	0	0	1	3
02:00-02:59	0	0	1	2	0	0	3	9	SEPTEMBER	0	0	1	0	1	0	2	6
03:00-03:59	1	0	0	0	0	0	1	3	OCTOBER	0	0	1	0	0	3	4	11
04:00-04:59	0	0	0	0	0	0	0	0	NOVEMBER	0	0	1	1	1	0	3	9
05:00-05:59	0	1	0	0	0	0	1	3	DECEMBER	0	0	1	0	1	1	3	9
06:00-06:59	0	0	0	0	0	0	0	0	TOTAL	0	0	4	4	10	5	30	
TOTAL	8	4	6	7	4	3	28	86	TOTAL	0	0	4	4	10	5	30	

Page 1: Accident information

Injury accidents on Watlington Street, Leeds From Queen St to City Sq, 1/1/1997 to date see 12/10/2002															
CASUALTY CLASS EPISODE										JUNCTION DETAIL		JUNCTION CONTROLS			
1996	1996	1997	1998	1999	2000	2001	TOTAL	Number	%	Number	%	Number	%		
FATAL	0	0	0	0	0	0	0	0	0	T-TOE STAGGERED	7	20	AUTOMATIC TRAFFIC	25	71
SEVERE	0	0	1	0	5	1	7	23	14	SLIP ROAD	1	3	ONE WAY SIGN	4	11
SLIGHT	0	0	7	6	16	6	35	115	86	CROSS ROADS	19	54	UNCONTROLLED	1	3
TOTAL	0	0	8	6	21	7	42	138	86	OTHER JUNCTION	3	9	NOT AT JUNCTION	5	14
										TOTAL	35	14	TOTAL	38	14

Injury accidents on Watlington Street, Leeds From Queen St to City Sq, 1/1/1997 to date see 12/10/2002													
CASUALTY BY TYPE AND AGE GROUPING										ROAD CLASS		SPEED LIMIT	
PERSEVERAN	Number	%	16 to 19	20 to 29	30 to 39	40+	Total	Number	%	Number	%		
PERSEVERAN	0	0	1	2	2	0	5	UNCLASSIFIED	35	100	30 MPH	35	100
PEDAL CYCLIST	0	0	1	0	1	0	2	TOTAL	35	100	TOTAL	35	
PTW RIDER	0	0	1	1	1	0	3						
CAR DRIVER	0	0	5	5	10	1	21						
CAR PASSENGER	2	1	3	2	1	1	7						
GOODS DRIVER	0	0	0	1	0	0	1						
PTV PASSENGER	0	0	0	3	2	2	7						
HACKER/PRIVATE	0	0	0	1	0	0	1						
TOTAL	2	7	10	16	14	4	46						

Page 2: Casualty information

Injury accidents on Watlington Street, Leeds From Queen St to City Sq, 1/1/1997 to date see 12/10/2002												
VEHICLES INVOLVED BY TYPE AND AGE OF DRIVER										VEHICLE MANOEUVRES		
0 to 15	16 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 Plus	Unknown	TOTAL	Number	%		
PEDAL CYCLE	0	1	0	1	0	0	0	2	3	2		
PTV	0	0	1	1	0	0	0	2	3	2		
CAR	0	4	14	22	2	4	0	43	65	11		
PTV	0	0	0	7	0	1	0	8	13	20		
GOODS VEH	0	0	1	2	0	0	0	3	5	2		
HACKER/PRIVATE	0	0	1	0	0	0	0	1	2	2		
TOTAL	0	7	17	33	2	5	0	64	64	64		

Injury accidents on Watlington Street, Leeds From Queen St to City Sq, 1/1/1997 to date see 12/10/2002												
VEHICLE MANOEUVRES										BREATHTEST		
PARKE	WAITING TO GO AHEAD BUT HELD UP	STOPPING	TURNING RIGHT	CHANGING LANE TO LEFT	OVERTAKING MOVING VEHICLE ON ITS OFFSIDE	OVERTAKING MOVING VEHICLE ON ITS NEARSIDE	OVERTAKING ON NEARSIDE	GOING AHEAD OTHER	Number	%		
PARKE	2	3	46	13	3	1	2	35	52			
WAITING TO GO AHEAD BUT HELD UP	2	3	46	13	3	1	2	35	52			
STOPPING	2	3	46	13	3	1	2	35	52			
TURNING RIGHT	2	3	46	13	3	1	2	35	52			
CHANGING LANE TO LEFT	2	3	46	13	3	1	2	35	52			
OVERTAKING MOVING VEHICLE ON ITS OFFSIDE	2	3	46	13	3	1	2	35	52			
OVERTAKING MOVING VEHICLE ON ITS NEARSIDE	2	3	46	13	3	1	2	35	52			
OVERTAKING ON NEARSIDE	2	3	46	13	3	1	2	35	52			
GOING AHEAD OTHER	2	3	46	13	3	1	2	35	52			
TOTAL	2	3	46	13	3	1	2	64	64			

Injury accidents on Watlington Street, Leeds From Queen St to City Sq, 1/1/1997 to date see 12/10/2002												
BREATHTEST										BREATHTEST		
NOT APPLICABLE	POSITIVE	NEGATIVE	NOT RECORDED	DRIVER NOT CONTACTED	MEDICAL REASONS	Number	%					
NOT APPLICABLE	2	3	46	13	3	1	2	35	52			
POSITIVE	2	3	46	13	3	1	2	35	52			
NEGATIVE	2	3	46	13	3	1	2	35	52			
NOT RECORDED	2	3	46	13	3	1	2	35	52			
DRIVER NOT CONTACTED	2	3	46	13	3	1	2	35	52			
MEDICAL REASONS	2	3	46	13	3	1	2	35	52			
TOTAL	2	3	46	13	3	1	2	64	64			

Page 3: Vehicle information

Casualty Table

Injury accidents on Wellington Street, Leeds from Queen St to City Sq., 1/1/1997 to date run 15/7/2002											
		PEDESTRIANS	PEDAL CYCLIST	PTW USER	HACKNEY PRI/HIRE	CAR DRIVER	CAR PASS	GOODS OCCUPANT	PSV OCCUPANT	OTHER VEH OCCUPANT	TOTAL
0 to 4	Fatal	0	0	0	0	0	0	0	0	0	0
	Serious	0	0	0	0	0	0	0	0	0	0
	Slight	0	0	0	0	0	2	0	0	0	2
	TOTAL	0	0	0	0	0	2	0	0	0	2
5 to 15	Fatal	0	0	0	0	0	0	0	0	0	0
	Serious	0	0	0	0	0	0	0	0	0	0
	Slight	0	0	0	0	0	1	0	6	0	7
	TOTAL	0	0	0	0	0	1	0	6	0	7
16 to 19	Fatal	0	0	0	0	0	0	0	0	0	0
	Serious	0	0	0	0	0	3	0	0	0	3
	Slight	2	1	0	1	6	0	0	0	0	10
	TOTAL	2	1	0	1	6	3	0	0	0	13
20 to 29	Fatal	0	0	0	0	0	0	0	0	0	0
	Serious	1	0	0	0	1	0	0	0	0	2
	Slight	2	0	2	3	9	3	1	2	0	22
	TOTAL	3	0	2	3	10	3	1	2	0	24
30 to 59	Fatal	0	0	0	0	0	0	0	0	0	0
	Serious	1	1	1	0	0	0	0	0	0	3
	Slight	5	0	0	3	22	1	2	2	0	35
	TOTAL	6	1	1	3	22	1	2	2	0	38
60+	Fatal	0	0	0	0	0	0	0	0	0	0
	Serious	0	0	0	0	0	0	0	0	0	0
	Slight	0	0	0	0	4	3	0	4	0	11
	TOTAL	0	0	0	0	4	3	0	4	0	11
All Ages	Fatal	0	0	0	0	0	0	0	0	0	0
	Serious	2	1	1	0	1	3	0	0	0	8
	Slight	9	1	2	7	41	10	3	14	0	87
	TOTAL	11	2	3	7	42	13	3	14	0	95

Accident Assessment

In some cases, the 'standard' reports of data presentation may be augmented by a brief appraisal of the relevant statistics. Such a comment would not normally extend beyond a single A4 sheet, but would focus on particular aspects of an accident data request, for example a high severity ratio, or the indication of a pedestrian problem. The opportunity would also be taken to tie in the request to other existing reports e.g. Sites or Lengths for Concern or recent in-depth studies. It is also possible to identify whether drivers are locals or strangers, and which participant in the accident made a particular mistake.

Road Accident Studies

Accident Assessment

Page Road, from Bonham Street to Plant Avenue.

Year	Slight	Serious	Fatal	Total	All Casualties
1997	1			1	2
1998	1	1		2	3
1999	1		1	2	2
2000	2			2	17
2001	1		1	1	1
Total	6	1	1	8	25

Five of the accidents, including the sole fatality involved pedestrian injury. Only one of these 5 was injured whilst using the zebra crossing adjacent to Jones Street. Three of the pedestrians were children. The remaining 3 accidents were a nose to tail collision, a right turn conflict and an accident involving a PSV losing control. The latter accounts for the high casualty total in 2000.

02 Sep 2002

G:\Projects\Requests\Accident Assessment\PageRd.doc

Do It Yourself

The accident data for Leeds can be accessed online via a MapExplorer project (if your computer has not had the ESRI software installed, please contact John Kent). This allows you to make a preliminary check of the accident data in your area of interest. The resulting number of accidents may be quite low and the displayed data may be adequate for your purposes. On the other hand there may be a large number of accidents, and it would probably be advisable to make a routine request for data through the normal channels. **N.B. The accident data for the current year is refreshed on a 6 to 8 week cycle. If details of a particular recent accident are required then please contact us direct.**

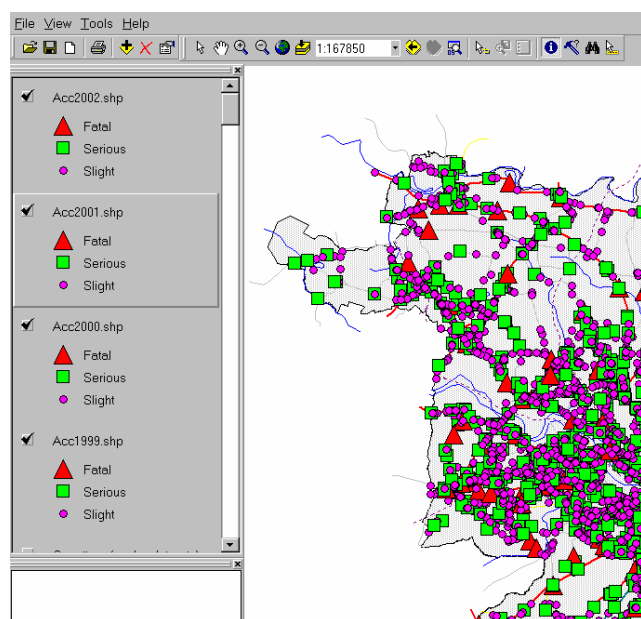
The online data does not show all fields of information for each record, but a subset comprising : Reference Number, Severity, Date & Time, Narrative Description of accident and whether a Pedestrian or Child was involved. If more detail is required, then again, a specific request should be made.

Care should be exercised when viewing the accident clustering, as it is feasible for one symbol on the display to have more than one accident i.e. multiple accidents have exactly the same Ordnance Survey grid reference. This is indicated when using the 'Identify Feature' by observing the number of entries in the selected list.

MapExplorer Operating Notes

Start MapExplorer from your desktop, and using 'File ... Open Project', navigate to TrafficAccidents.mep and click 'Open'.

The project opens with themes of accidents for each calendar year plus current year (e.g. Acc2001.shp contains all accidents for 2001). An individual year may be turned off by clicking on the check box to the left of the theme name (i.e. the tick mark is removed).



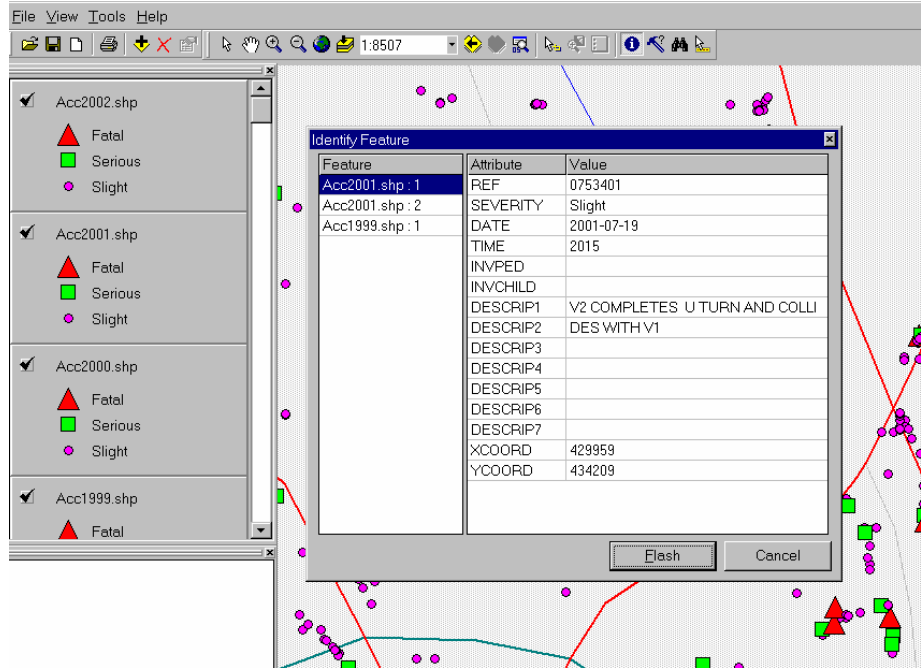
In order to view the details of individual records (using the 'i' button), the theme has to be made active. Click on the name of the theme (e.g. Acc2001.shp) and the surrounding area becomes raised. Hold down shift, and click the remaining years, so that all years are active.



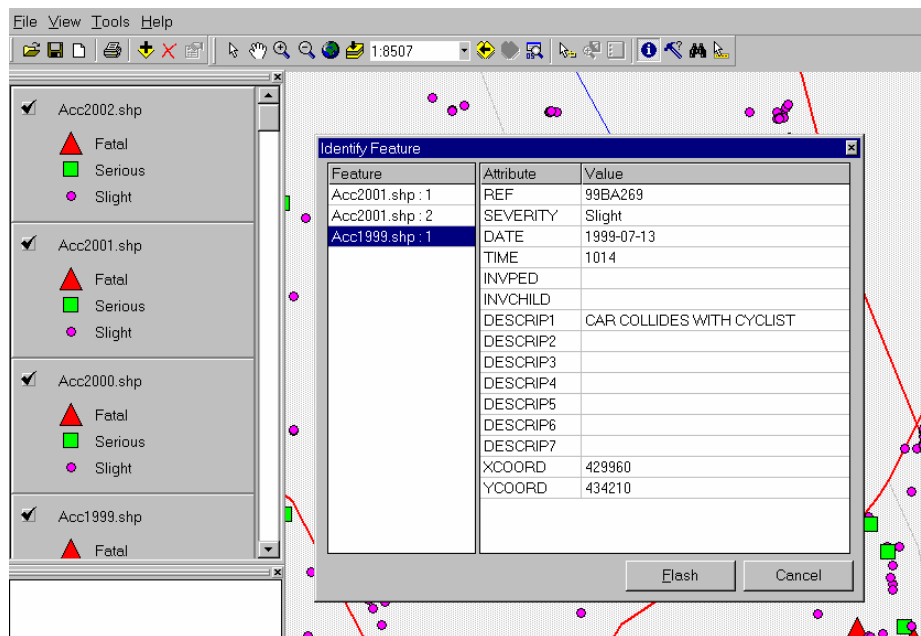
Display of Multiple Records at Same Location in MapExplorer

It is feasible for one symbol on the display to have more than one accident i.e. multiple

accidents have exactly the same Ordnance Survey grid reference. This is indicated when using the 'Identify Feature' by observing the number of entries in the left hand 'Feature' column. The example shows a Slight accident for 19th July 2001, but there are two further records in the list – another accident in 2001 and one in 1999.



Click on the Feature 'Acc1999.shp:1' to display the data for this particular accident.



Other Services

Sites for Concern.

The accident situation in each district is monitored on a regular basis and a list of 'sites for concern' identified. The criterion for a site appearing on the list is a combination of the number of accidents in the last five year period and the number in the previous year. Two separate lists are produced, one for junctions and another for lengths of road. For lengths of road, the accident rates are employed wherever possible and compared with national accident rates.

Site monitoring.

Road Accident information can be provided on a regular basis for specified sites. If site monitoring is requested, then the specified site can be monitored, at intervals of 6 or 12 months. It is essential that the requesting officer provides details of the scheme to be monitored, including the date the scheme was implemented.

In-depth Studies.

A considerable amount of information relating to each accident is held on the computer and normally this is sufficient to obtain an overall picture of what is happening at a site.

There are occasions however, particularly where the level of accidents suggests that remedial action is necessary, but further information is required. In these cases the original police files can be studied. Witness statements and police inquiries give a much better understanding of the underlying causes of the accidents, allowing the appropriate remedial action to be determined and probable accident savings predicted.

Where traffic flow information is available, accident rates can be calculated for comparison with local and national values at similar locations.

Analysis of Trends.

Accident and casualty trends for various road user groups can be analysed and comparisons made between the District, County and Great Britain. The current performance is shown in relation to the present government targets.

Safety Audit.

All highway schemes in Leeds which cost over £25,000, or which affect the safety of any road user, are subject to Safety Audit, under our QA procedures.

The Casualty Reduction Unit can call upon the services of a wide range of professionals, each expert in their own field, to provide an independent Safety Audit Team for schemes of any scale, within Leeds or elsewhere. Audits already undertaken cover the full range of highway authority and developer promoted schemes, from new build bypasses and link roads to minor maintenance works, with particular experience having been gained on public transport infrastructure, including Guided Bus and Supertram.

Appendix

Contacts

Email :- accident.studies@leeds.gov.uk

Telephone:- 0113 2476326

Postal address:

Road Casualty Reduction, Transport Policy
City Development
The Leonardo Building
2 Rossington Street
Leeds LS2 8HD

Stats19 (2005)

The following three pages give details of the variables collected nationally in an injury accident. The fourth page deals with the causation factors attributed to an accident. In addition to the national Stats19 data, the West Yorkshire system has additional fields that identify trunk road, ward and Road Safety Committee boundaries, involvement of emergency vehicle and ethnic origin of driver and casualty. Any of these variables can be used, individually or in combination, to form the basis of a search of the accident database.

G:\Projects\Requests\Questionnaire\ServicesInformation.doc

STATS19 (2005)

Accident Record Attendant Circumstances

(For completion by Police)

1.1 Record Type 1

11 New accident record
15 Amended accident record

1.2 Police Force

1.3 Accident Reference

1.5 Number of Vehicle Records

1.6 Number of Casualty Records

1.7 Date of Accident

Day Month Year

1.9 Time of Day

Hours Mins

24 hour

1.10 Local Authority

1.11 Location

10 digit OS Grid Reference number

Easting Northing

1.12 1st Road Class

1 Motorway
2 A(M)
3 A
4 B
5 C
6 Unclassified

1.13 1st Road Number

1.14 Road Type

1 Roundabout
2 One way street
3 Dual carriageway
6 Single carriageway
7 Slip road
9 Unknown

1.15 Speed Limit (mph) 0

1.16 Junction Detail 0

00 Not at or within 20 metres of junction
01 Roundabout
02 Mini roundabout
03 T or staggered junction
05 Slip road
06 Crossroads
07 Multiple junction
08 Using private drive or entrance
09 Other junction

Junction Accidents Only

1.17 Junction Control

1 Authorised person
2 Automatic traffic signal
3 Stop sign
4 Give way or uncontrolled

1.18 2nd Road Class

1 Motorway
2 A(M)
3 A
4 B
5 C
6 Unclassified

1.19 2nd Road Number

1.20a Pedestrian Crossing – Human Control

0 None within 50 metres
1 Control by school crossing patrol
2 Control by other authorised person

1.20b Pedestrian Crossing – Physical Facilities

0 No physical crossing facility within 50 metres
1 Zebra crossing
4 Pelican, puffin, toucan or similar non-junction pedestrian light crossing
5 Pedestrian phase at traffic signal junction
7 Footbridge or subway
8 Central refuge – no other controls

1.21 Light Conditions

1 Daylight: street lights present
2 Daylight: no street lighting
3 Daylight: street lighting unknown
4 Darkness: street lights present and lit
5 Darkness: street lights present but unlit
6 Darkness: no street lighting
7 Darkness: street lighting unknown

1.22 Weather

1 Fine without high winds
2 Raining without high winds
3 Snowing without high winds
4 Fine with high winds
5 Raining with high winds
6 Snowing with high winds
7 Fog or mist – if hazard
8 Other
9 Unknown

1.23 Road Surface Condition

1 Dry
2 Wet / Damp
3 Snow
4 Frost / Ice
5 Flood (surface water over 3cm deep)

1.24 Special Conditions at Site

0 None
1 Automatic traffic signal out
2 Automatic traffic signal partially defective
3 Permanent road signing or marking defective or obscured
4 Roadworks
5 Road surface defective
6 Oil or diesel
7 Mud

1.25 Carriageway Hazards

0 None
1 Dislodged vehicle load in carriageway
2 Other object in carriageway
3 Involvement with previous accident
6 Pedestrian in carriageway – not injured
7 Any animal in carriageway (except ridden horse)

1.26 Did A Police Officer Attend Accident and Complete Record?

1 Yes
2 No – accident was reported 'over the counter'

1.27 DfT Special Projects

STATS19 (2005)

Vehicle Record

(For completion by Police)

2.1 Record Type

21 New vehicle record
25 Amended vehicle record

2.2 Police Force

2.3 Accident Reference

2.4 Vehicle Reference Number

2.5 Type of Vehicle

01 Pedal cycle 14 Other motor vehicle
02 M/cycle 50cc and under 15 Other non-motor vehicle
03 Motorcycle over 50cc
and up to 125cc 16 Ridden horse
04 Motorcycle over 125cc
and up to 500cc 17 Agricultural vehicle
(includes diggers etc.)
05 Motorcycle over 500cc 18 Tram / Light rail
08 Taxi/Private hire car tonnes mgw and under
09 Car 19 Goods vehicle 3.5
10 Minibus (8 – 16 tonnes and under 7.5
passenger seats) tonnes mgw
11 Bus or coach (17 or 21 Goods vehicle 7.5
more passenger seats) tonnes mgw and over

2.6 Towing and Articulation

0 No tow or articulation 3 Caravan
1 Articulated vehicle 4 Single trailer
2 Double or multiple trailer 5 Other tow

2.7 Manoeuvres

01 Reversing 12 Changing lane to right
02 Parked 13 Overtaking moving
03 Waiting to go ahead vehicle on its offside
but held up 14 Overtaking stationary
04 Slowing or stopping vehicle on its offside
05 Moving off 15 Overtaking on nearside
06 U turn 16 Going ahead left hand
07 Turning left bend
08 Waiting to turn left 17 Going ahead right
09 Turning right hand bend
10 Waiting to turn right 18 Going ahead other
11 Changing lane to left

2.8 Vehicle Movement
Compass Point
From To

1 N 4 SE 7 W
2 NE 5 S 8 NW
3 E 6 SW Parked

2.9 Vehicle Location at Time of
Accident - Restricted Lane/
Away from Main Carriageway

00 On main c'way – not in restricted lane
01 Tram / Light rail track
02 Bus lane
03 Busway (including guided busway)
04 Cycle lane (on main carriageway)
05 Cycleway or shared use footway
(not part of main carriageway)
06 On lay-by or hard shoulder
07 Entering lay-by or hard shoulder
08 Leaving lay-by or hard shoulder
09 Footway (pavement)

2.10 Junction Location of Vehicle

0 Not at, or within 20 metres of, junction
1 Approaching junction or waiting/parked
at junction approach
2 Cleared junction or waiting/parked
at junction exit
3 Leaving roundabout
4 Entering roundabout
5 Leaving main road
6 Entering main road
7 Entering from slip road
8 Mid junction – on roundabout or on
main road

2.11 Skidding and Overturning

0 No skidding, jack-knifing or overturning
1 Skidded
2 Skidded and overturned
3 Jack-knifed
4 Jack-knifed and overturned
5 Overturned

2.12 Hit Object in Carriageway

00 None 08 Open door of vehicle
01 Previous accident 09 Central island of
02 Roadworks roundabout
04 Parked vehicle 10 Kerb
05 Bridge – roof 11 Other object
06 Bridge – side 12 Any animal (except
07 Bollard / Refuge ridden horse)

2.13 Vehicle Leaving Carriageway

0 Did not leave carriageway
1 Left carriageway nearside
2 Left carriageway nearside and rebounded
3 Left carriageway straight ahead at junction
4 Left carriageway offside onto central
reservation
5 Left carriageway offside onto central
reservation and rebounded
6 Left carriageway offside and crossed
central reservation
7 Left carriageway offside
8 Left carriageway offside and rebounded

2.14 Hit Object Off Carriageway

00 None
01 Road sign / Traffic signal
02 Lamp post
03 Telegraph pole / Electricity pole
04 Tree
05 Bus stop / Bus shelter
06 Central crash barrier
07 Nearside or offside crash barrier
08 Submerged in water (completely)
09 Entered ditch
10 Other permanent object

2.16 First Point of Impact

0 Did not impact 3 Offside
1 Front 4 Nearside
2 Back

2.17 Other Vehicle Hit

Ref no. of other vehicle hit (or hit by)

2.21 Sex of Driver

1 Male 2 Female 3 Not traced

2.22 Age of Driver

Estimated if necessary Years

2.23 Breath Test

0 Not applicable 5 Driver not contacted
1 Positive at time of accident
2 Negative 6 Not provided
3 Not requested (medical reasons)
4 Refused to provide

2.24 Hit and Run

0 Other 2 Non-stop vehicle,
1 Hit and Run not hit

2.25 DfT Special Projects

2.26 Vehicle Registration
Mark (VRM)

2.28 Foreign Registered Vehicle

0 Not foreign registered vehicle
1 Foreign registered vehicle – left hand drive
2 Foreign registered vehicle – right hand
3 Foreign registered vehicle – two wheeler

2.27 Driver

Postcode
Special codes: 2 Non-UK resident
1 Unknown 3 Parked and unattended

2.29 Journey Purpose of Driver/Rider

1 Journey as part of work
2 Commuting to/from work
3 Taking pupil to/from school
4 Pupil riding to/from school
5 Other/Not knownit

STATS19 (2005)

Casualty Record

(For completion by Police)

3.1 Record Type

31 New casualty record
35 Amended casualty record

3.2 Police Force

3.3 Accident Reference

3.4 Vehicle Reference Number

3.5 Casualty Reference Number

3.6 Casualty Class

1 Driver or rider
2 Vehicle or pillion passenger
3 Pedestrian

3.7 Sex of Casualty

1 Male
2 Female

3.8 Age of Casualty
Estimated if necessary Years

3.9 Severity of Casualty

1 Fatal
2 Serious
3 Slight

Pedestrian Casualties Only

3.10 Pedestrian Location

01 In carriageway, crossing on pedestrian crossing facility
02 In carriageway, crossing within zig-zag lines at crossing approach
03 In carriageway, crossing within zig-zag lines at crossing exit
04 In carriageway, crossing elsewhere within 50 metres of pedestrian crossing
05 In carriageway, crossing elsewhere
06 On footway or verge
07 On refuge, central island or central reservation
08 In centre of carriageway, not on refuge, central island or central reservation
09 In carriageway, not crossing
10 Unknown or other

3.11 Pedestrian Movement

1 Crossing from driver's nearside
2 Crossing from driver's nearside – masked by parked or stationary vehicle
3 Crossing from driver's offside
4 Crossing from driver's offside – masked by parked or stationary vehicle
5 In carriageway, stationary – not crossing (standing or playing)
6 In carriageway, stationary – not crossing (standing or playing), masked by parked or stationary vehicle
7 Walking along in carriageway – facing traffic
8 Walking along in carriageway – back to traffic
9 Unknown or other

Pedestrian Casualties Only

3.12 Pedestrian Direction

Compass point bound

1 N
2 NE
3 E
4 SE
5 S
6 SW
7 W
8 NW
9 Unknown
0 Standing still

3.19 Pedestrian Injured in the Course of 'On the Road' Work
Work activity carried out on public road (eg delivery services, road maintenance, traffic control etc.)

0 No
1 Yes
2 Not known

3.13 School Pupil Casualty

1 School pupil on journey to or from school
0 Other

3.15 Car Passenger

0 Not a car passenger
1 Front seat passenger
2 Rear seat passenger

3.16 Bus or Coach Passenger

0 Not a bus or coach passenger
1 Boarding
2 Alighting
3 Standing passenger
4 Seated passenger

3.17 DfT Special Projects

3.18 Casualty Postcode

Special codes:
1 Unknown
2 Non-UK resident

STATS19 (2005)

What Factors Contributed To The Accident?

Select **up to six** Factors from the grid, relevant to the accident. Factors may be shown in any order, but an indication must be given of whether each Factor is **very likely (A)** or **possible (B)**.

Only include factors which have contributed to the accident. (I.e. do NOT include "Poor road surface" unless it was relevant to the accident)

More than one factor may be related to the same road user

The same factor may be related to more than one road user, if appropriate

The participant should be identified by the STATS19 vehicle or casualty reference number, preceded by "V" if factor applies to a vehicle, driver/rider or the road environment (eg V002), or "C" for a pedestrian or passenger casualty

(eg C001). Enter "U000" if an uninjured pedestrian contributed

	1st	2nd	3rd	4th	5th	6th
Factor in the accident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Which participant? (eg V001, C001, U000)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Very likely (A) or possible (B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Road Environment Contributed	Vehicle Defects	Driver/Rider Only (Includes Pedal Cyclists and Horse Riders)					Pedestrian Only (Casualty or Uninjured)	Special Codes
		Injudicious Action	Driver/Rider Error or Reaction	Impairment or Distraction	Behaviour or Inexperience	Vision Affected by		
Poor or defective road surface 101	Tyres illegal, defective or under inflated 201	Disobeyed automatic traffic signal 301	Junction overshoot 401	Impaired by alcohol 501	Aggressive driving 601	Stationary or parked vehicle(s) 701	Crossed road masked by stationary or parked vehicle 801	Stolen vehicle 901
Deposit on road (eg. oil, mud, chippings) 102	Defective lights or indicators 202	Disobeyed Give Way or Stop sign or markings 302	Junction restart 402	Impaired by drugs (illicit or medicinal) 502	Careless/Reckless/In a hurry 602	Vegetation 702	Failed to look properly 802	Vehicle in course of crime 902
Slippery road (due to weather) 103	Defective brakes 203	Disobeyed double white line 303	Poor turn or manoeuvre 403	Fatigue 503	Nervous/Uncertain/Panic 603	Road layout (eg. bend, winding road, hill crest) 703	Failed to judge vehicle's path or speed 803	Emergency vehicle on call 903
Inadequate/Masked signs or road markings 104	Defective steering or suspension 204	Disobeyed pedestrian crossing facility 304	Failed to signal/Misleading signal 404	Uncorrected, defective eyesight 504	Driving too slow for conditions or slow veh (eg tractor) 604	Buildings, road signs, street furniture 704	Wrong use of pedestrian crossing facility 804	Vehicle door opened or closed negligently 904
Defective traffic signals 105	Defective or missing mirrors 205	Illegal turn or direction of travel 305	Failed to look properly 405	Illness or disability, mental or physical 505	Inexperienced or learner driver/rider 605	Dazzling headlights 705	Dangerous action in carriageway (eg playing) 805	
Traffic calming (eg speed cushions, road humps, chicanes) 106	Overloaded or poorly loaded vehicle or trailer 206	Exceeding speed limit 306	Failed to judge other person's path or speed 406	Not displaying lights at night or in poor visibility 506	Inexperience of driving on the left 606	Dazzling sun 706	Impaired by alcohol 806	
Temporary road layout (eg contraflow) 107		Travelling too fast for conditions 307	Passing too close to cyclist, horse rider or pedestrian 407	Cyclist wearing dark clothing at night 507	Inexperience with type of vehicle 607	Rain, sleet, snow, or fog 707	Impaired by drugs (illicit or medicinal) 807	
Road layout (eg bend, hill, narrow carriageway) 108		Following too close 308	Sudden braking 408	Driver using mobile phone 508		Spray from other vehicles 708	Careless/Reckless/In a hurry 808	
Animal or object in carriageway 109		Vehicle travelling along pavement 309	Swerved 409	Distraction in vehicle 509		Visor or windscreen dirty or scratched 709	Pedestrian wearing dark clothing at night 809	
		Cyclist entering road from pavement 310	Loss of control 410	Distraction outside vehicle 510		Vehicle blind spot 710	Disability or illness, mental or physical 810	Other – Please specify below 999

If 999 Other: give brief details

Note: Only use if "Other" Factor contributed to the accident. Also include in text description of how accident happened

Note: These factors reflect the Reporting Officer's opinion at the time of the accident and are not necessarily the result of extensive investigation