Data Guide

Police Service of Northern Ireland (PSNI)

Northern Ireland Police Recorded Injury Road Traffic Collision Data

Variables and Values and Export Record Layouts

August 2014

Data Guide

Northern Ireland Road Traffic Collision Data

Contents

Introduction

The data is supplied in three files (in fixed field ASCII format and SPSS format).

2013

1   Collision2013.sav – The circumstances of the collisions - details include the collision severity, number of vehicles and casualties involved, time and location, weather and road conditions, and carriageway hazards;

2   Vehicle2013.sav – Vehicles involved in each collision - details include vehicle type, manoeuvre at time of collision, and data about the driver (age, sex).

3   Casualty2013.sav – Casualties resulting from a collision - details include age, sex, injury severity and whether a driver, passenger, pedestrian or cyclist.

The 15 character string variable "a_ref" gives a unique index number for each collision. Casualties are linked to vehicles by linking "v_id".

Please call Statistics Branch (028 90 650222 ext 24480) if you need any further details or if you find any problems with the data.

<center>**Variables and Values**</center>

<center>**Collision Data**</center>

Index Variables

a_year   **Year of Collision**

a_ref   **Collision Reference No.**

---

a_dcu   **Policing Area**

ANTR = Antrim	ARDS = Ards
ARMA = Armagh	BANB = Banbridge
BELE = East Belfast	BELN = North Belfast
BELS = South Belfast	BELW = West Belfast
BMEN = Ballymena	BMON = Ballymoney
CFER = Carrickfergus	COLE = Coleraine
COOK = Cookstown	CRAI = Craigavon
CREA = Castlereagh	DAST = Dungannon & South Tyrone
DOWN = Down	FERM = Fermanagh
FOYL = Foyle	LARN = Larne
LIMA = Limavady	LISB = Lisburn
MFEL = Magherafelt	MOYL = Moyle
NABB = Newtownabbey	NDOW = North Down
NEWM = Newry & Mourne	OMAG = Omagh
STRB = Strabane	

a_type   **Collision Severity**
1. Fatal injury collision
2. Serious injury collision
3. Slight injury collision

a_veh   **Number of Vehicles**

a_cas   **Number of Casualties**

a_wkday   **Weekday of Collision**
"MON", "TUE", "WED", "THU", "FRI", "SAT", "SUN"

a_day   **Day of Collision**

a_month   **Month of Collision**
1 – 12. January to December

Time of Day
a_hour   **Hour of Collision** (24 hour)
a_min   **Minute of Collision**

Location of Collision (1 metre OSGR)
a_gd1   **Location - Easting** (6 characters)
a_gd2   **Location - Northing** (6 characters)

a_ctype   **Carriageway Type**
1. Roundabout
2. One way street
10. Other / unknown
11. Dual carriageway
12. Motorway
13. Single carriageway
14. Slip road

a_speed   **Speed Limit**

a_jdet   **Junction Detail**
1. Not at or within 20m of junction
2. Roundabout
3. Mini-roundabout
6. Crossroads
8. Multiple junction
9. Slip road
10. Private drive / entrance
11. Other junction
12. T or staggered junction

a_jcont	**Junction Control**

a_jcont **Junction Control**
1. Not at junction
2. Authorised person
3. Automatic traffic signal
4. Stop sign
7. Give way or uncontrolled

a_pedhum **Pedestrian Crossing – Human Control**
1. None within 50m
2. Control by school crossing patrol
3. Control by other authorised person

a_pedphys **Pedestrian Crossing – Physical Control**
1. None within 50 metres
2. Zebra crossing
9. Central refuge - no control
10. Footbridge or subway
11. Pedestrian phase at traffic signal junction
12. Non junction pedestrian light crossing

a_light **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

a_weat **Weather Conditions**
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. Strong sun (glaring)
9. Other
10. Unknown

a_roadsc **Road Surface Conditions**
1. Dry
2. Wet / damp
3. Snow
4. Frost / ice
5. Flood
6. Oil
7. Mud
8. Leaves
9. Slippery (after dry spell)
10. Other

a_speccs **Special Conditions at Site**
1. None
2. Automatic traffic signal out
3. Automatic traffic signal partially defective
4. Permanent road signing defective or obscured
5. Road works present
6. Road surface defective
7. Railway level crossing present

a_chaz **Carriageway Hazard**
1. None
2. Dislodged vehicle load in carriageway
3. Other object in carriageway
4. Involvement with previous collision
8. Any animal in carriageway except ridden horse
9. Pedestrian in carriageway - not injured

a_scene **Did a Police Officer Attend the Scene of the Collision**
1. Yes
2. No

Vehicle Data

Index Variables

a_year   **Year of Collision**

a_ref   **Collision Reference No.**

v_id   **Vehicle Reference No.**

---

v_type   **Vehicle Type**
0. Unknown
1. Pedal cycle
2. Motorcycle - moped
4. Motorcycle (under 125cc)
5. Motorcycle (125cc and above)
6. Invalid vehicle / other 3 wheeler
7. Car - taxi (hackney)
8. Car
9. Motor caravan
14. Other motor vehicle
15. Goods 3.5 tonnes or less
16. Goods exceeding 3.5 tonnes but less than 7.5 tonnes
17. Goods 7.5 tonnes or over
18. Car (used as taxi)
19. Minibus (8-16 passengers)
20. Bus or coach (17+ passengers)
21. Ridden horse
22. Other non motor vehicle
23. Motorcycle (engine size unknown)
24. Goods vehicle (gross weight unknown)
25. Agricultural vehicle

v_tow   **Towing and Articulation**
1. No towing / articulation
2. Articulated vehicle
3. Double / multiple trailer
4. Caravan
5. Single trailer
6. Other tow

v_man   **Vehicle Manoeuvre**
1. Reversing
2. Parked
3. About to go ahead - held up
4. Slowing / stopping
5. Moving off
6. U-turn
7. Turning left
8. Waiting to turn left
9. Turning right
10. Waiting to turn right
11. Changing lane to left
12. Changing lane to right
13. Overtaking moving vehicle on offside
14. Overtaking stationary vehicle on offside
15. Overtaking on nearside
16. Going ahead left-hand bend
17. Going ahead right-hand bend
18. Going ahead other
19. Other / not known

v_loc   **Vehicle Location at Time of Impact**
1. Leaving main road
2. Entering main road
3. On main road
4. On minor road
6. On lay-by or hard shoulder
7. Entering lay-by / hard shoulder
8. Leaving lay-by / hard shoulder
9. On cycle lane / cycle way
10. Pedestrian and vehicle shared precinct
11. Other public place
12. Bus lane / busway
13. Footpath (pavement)

v_junc **Junction Location of Vehicle at Time of Impact**
1. Not at junction (or within 20m)
2. Approaching / waiting / parked at junction
3. Vehicle in middle junction
4. Cleared junction or waiting / parked at exit
5. Did not impact
6. Entering slip road
7. Exiting slip road

v_skid **Skidding / Overturning**
1. No skidding / jack-knifing / overturning
2. Skidded
3. Skidded and overturned
4. Jack-knifed
5. Jack-knifed and overturned
6. Overturned

v_hit **First Object Hit in Carriageway**
1. None
2. Previous collision
3. Roadworks
6. Bridge (roof)
7. Bridge side
8. Bollard / refuge
9. Open door of vehicle
10. Central island of roundabout
11. Kerb
13. Other object
14. Any animal except ridden horse
15. Parked vehicle

v_leave **Vehicle Leaving Carriageway**
1. Did not leave carriageway
2. Nearside
3. Nearside and rebounded
4. Straight ahead at junction
5. Offside onto central reservation
6. Offside onto central reservation and rebounded
7. Crossed central reservation
8. Offside
9. Offside and rebounded

v_hitoff **First Object Hit off Carriageway**
1. None
2. Road sign / traffic signal
3. Lamp post
4. Telegraph / electricity pole
5. Tree / fence / other boundary
6. Bus stop / shelter
7. Central crash barrier
8. Nearside / offside crash barrier
9. Submerged in water
10. Entered ditch
11. Other permanent object

v_impact **First Point of Impact**
1. Did not impact
2. Front
3. Back
4. Offside
5. Nearside

v_sex **Sex of Driver**
1. Male
2. Female
3. Unknown

v_agegroup **Age of Driver**
0. Unknown

v_hitr **Hit and Run**
1. Other
2. Hit and run
3. Non-stop vehicle - not hit

v_forreg **Foreign Registered Vehicle**
1. Not foreign registered vehicle
2. Foreign registered vehicle – left hand drive
3. Foreign registered vehicle – right hand drive
4. Foreign registered vehicle – two wheeler

Variables and Values

Casualty Data

Index Variables

a_year   **Year of Collision**

a_ref   **Collision Reference No.**

v_id   **Vehicle Reference No.**

c_id   **Casualty Reference No.**

---

c_class   **Casualty Class**
1. Driver
2. Pillion passenger
3. Vehicle passenger - front
4. Vehicle passenger - rear
5. Pedestrian
6. Motorcyclist
7. Pedal cyclist

c_sex   **Sex of Casualty**
1. Male
2. Female
3. Unknown

c_agegroup   **Age of Casualty**
1. 'Under 10'
2. '10-16'
3. '17-24'
4. '25-34'
5. '35-44'
6. '45-54'
7. '55-64'
8 '65+'
9. 'Unknown'

c_sever   **Severity of Casualty**
1. Fatal
2. Seriously injured
3. Slightly injured

c_loc   **Pedestrian Location**
1. Not a pedestrian
2. In carriageway on pedestrian crossing
3. In carriageway crossing within zigzag lines at crossing approach
4. In carriageway crossing within zigzag lines at crossing exit
5. In carriageway crossing elsewhere within 50m of crossing
6. In carriageway crossing elsewhere
7. On footway or verge
8. On refuge, central island or central reservation
9. In centre of carriageway
10. In carriageway, not crossing
11. Unknown or other

c_move   **Pedestrian Movement**
1. Not a pedestrian
2. Crossing from drivers nearside
3. Crossing from drivers nearside masked by static vehicle
4. Crossing from drivers offside
5. Crossing from drivers offside masked by static vehicle
6. In carriageway stationary - not crossing
7. In carriageway stationary - not crossing – masked by vehicle
8. Walking in carriageway facing traffic
9. Walking in carriageway back to traffic
10. Unknown / other

c_school   **School Pupil**
7. School pupil on journey to / from school
8. Other

c_pcv   **Bus or Coach Passenger**
1. Not a bus or coach passenger
2. Boarding
3. Alighting
4. Standing passenger
5. Seated passenger

c_pedinj **Pedestrian Injured in the Course of 'On the Road' Work**
1. Yes
2. No
3. Not known

c_vtype **Casualty Vehicle Type**
1. Pedal cycle
2. Motorcycle - moped
4. Motorcycle (under 125cc)
5. Motorcycle (125cc and above)
6. Invalid vehicle / other 3 wheeler
7. Car - taxi (hackney)
8. Car
9. Motor caravan
14. Other motor vehicle
15. Goods 3.5 tonnes or less
16. Goods exceeding 3.5 tonnes but less than 7.5 tonnes
17. Goods 7.5 tonnes or over
18. Car (used as taxi)
19. Minibus (8-16 passengers)
20. Bus or coach (17+ passengers)
21. Ridden horse
22. Other non motor vehicle
23. Motorcycle (engine size unknown)
24. Goods vehicle (gross weight unknown)
25. Agricultural vehicle

2008 – 2013 Record Layouts

Collision Records

Variable	Character Position	Integer / Alpha	Variable Label
a_year	1 – 4	(I)	Year of Collision
a_ref	5 – 19	(A)	Collision Reference No.
a_dcu	20 – 23	(A)	Policing Area
a_type	24	(I)	Collision Severity
a_veh	25 – 27	(I)	Number of Vehicles
a_cas	28 – 30	(I)	Number of Casualties
a_wkday	31 – 33	(A)	Weekday of Collision
a_day	34 – 35	(I)	Day of Collision
a_month	36 – 37	(I)	Month of Collision
a_hour	38 – 39	(I)	Hour of Collision (24 hour)
a_min	40 – 41	(I)	Minute of Collision
a_gd1	42 – 47	(I)	Location - Easting
a_gd2	48 – 53	(I)	Location - Northing
a_ctype	54 – 55	(I)	Carriageway Type
a_speed	56 – 57	(I)	Speed Limit
a_jdet	58 – 59	(I)	Junction Detail
a_jcont	60	(I)	Junction Control
a_pedhum	61	(I)	Pedestrian Crossing – Human Control
a_pedphys	62 – 63	(I)	Pedestrian Crossing – Physical Control
a_light	64	(I)	Light Conditions
a_weat	65 – 66	(I)	Weather Conditions
a_roadsc	67 – 68	(I)	Road Surface Conditions
a_speccs	69	(I)	Special Conditions at Site
a_chaz	70	(I)	Carriageway Hazard
a_scene	71	(I)	Did a Police Officer Attend the Scene of the Collision

2011 – 2012 Record Layouts

Vehicle Records

Variable	Character Position	Integer / Alpha	Variable Label
a_year	1 – 4	(I)	Year of Collision
a_ref	5 – 19	(A)	Collision Reference No.
v_id	20 – 21	(I)	Vehicle Reference No.
v_type	22 – 23	(I)	Vehicle Type
v_tow	24	(I)	Towing and Articulation
v_man	25 – 26	(I)	Vehicle Manoeuvre
v_loc	27 – 28	(I)	Vehicle Location at Time of Impact
v_junc	29	(I)	Junction Location of Vehicle at Time of Impact
v_skid	30	(I)	Skidding / Overturning
v_hit	31 – 32	(I)	First Object Hit in Carriageway
v_leave	33	(I)	Vehicle Leaving Carriageway
v_hitoff	34 – 35	(I)	First Object Hit off Carriageway
v_impact	36	(I)	First Point of Impact
v_sex	37	(I)	Sex of Driver
v_agegroup	38 – 40	(I)	Age group of Driver
v_hitr	41	(I)	Hit and Run
v_forreg	42	(I)	Foreign Registered Vehicle

2011 – 2012 Record Layouts

Casualty Records

Variable	Character Position	Integer / Alpha	Variable Label
a_year	1 – 4	(I)	Year of Collision
a_ref	5 – 19	(A)	Collision Reference No.
v_id	20 – 21	(I)	Vehicle Reference No.
c_id	22 – 23	(I)	Casualty Reference No.
c_class	24	(I)	Casualty Class
c_sex	25	(I)	Sex of Casualty
c_agegroup	26 – 28	(I)	Age Group of Casualty
c_sever	29	(I)	Severity of Casualty
c_loc	30 – 31	(I)	Pedestrian Location
c_move	32 – 33	(I)	Pedestrian Movement
c_school	34	(I)	School Pupil
c_pcv	35	(I)	Bus or Coach Passenger
c_pedinj	36	(I)	Pedestrian Injured in the Course of 'On the Road' Work
c_vtype	37 – 38	(I)	Casualty Vehicle Type

Road Traffic Collision Data Changes occurring on 1 April 2007

A   New Variables

v_forreg: Foreign Registered Vehicle

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

c_pedinj: Pedestrian Injured in the Course of 'On the Road' Work

1. Yes
2. No
3. Not known

B   Data Modifications

a_ref: Collision Reference No.
Prior to 1 April 2007 this was a numeric variable up to 7 characters in length. From 1 April 2007 a_ref is a 15 character alphanumeric variable.

a_ctype: Carriageway Type
Include 'Slip road'
Remove 'Single track road'
Merge all 'Single carriageway' options

Agreed codes

1. Roundabout
2. One way street
10. Other / unknown
11. Dual carriageway
12. Motorway
13. Single carriageway
14. Slip road

Removed / Amended codes

6. Single track road
7. Single carriageway 1 lane in each direction
8. Single carriageway 3 lanes
9. Single carriageway 4 lanes

a_jdet: Junction Detail
Merge 'T junction' and 'Staggered junction'

Agreed codes

1. Not at or within 20m of junction
2. Roundabout
3. Mini roundabout
6. Crossroads
8. Multiple junction
9. Slip road
10. Private drive / entrance
11. Other junction
12. T or staggered junction

Removed / Amended codes

4. T junction
5. Y junction
7. Staggered junction

a_jcont: Junction Control
Merge 'Giveway sign or markings' and 'Uncontrolled'

Agreed codes

1. Not at junction
2. Authorised person
3. Automatic traffic signal
4. Stop sign
7. Give way or uncontrolled

Removed / Amended codes

5. Giveway sign or markings
6. Uncontrolled

a_ped: Pedestrian Crossing
Variable removed and 2 new variables - 1. **a_pedhum: Pedestrian Crossing – Human Control**, and 2. **a_pedphys: Pedestrian Crossing – Physical Control**.

Agreed codes

a_pedhum: Pedestrian Crossing – Human Control
1. None within 50m
2. Control by school crossing patrol
3. Control by other authorised person

a_pedphys: Pedestrian Crossing – Physical Control
1. None within 50 metres
2. Zebra crossing
9. Central refuge - no control
10. Footbridge or subway
11. Pedestrian phase at traffic signal junction
12. Non junction pedestrian light crossing

Removed codes - **a_ped** (variable completely removed)

1. None within 50 metres
2. Zebra crossing
3. Zebra controlled by school crossing patrol
4. Zebra controlled by other authorised person
5. Pelican
6. Other light controlled crossing
7. Site controlled by crossing patrol
8. Site controlled by other authorised person
9. Central refuge - no control
10. Footbridge or subway
11. Pedestrian phase at traffic signal junction

a_light: Light Conditions
New variable created by merging 2 variables. This supersedes the previous a_light by merging with a_stlight

Agreed codes

a_light (new variable)
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

Removed codes

a_light (previous variable)
1. Daylight
2. Dark

a_stlight (variable completely removed)
1. Streetlights lit
2. Streetlights unlit
3. No streetlights
4. Not known

a_chaz: Carriageway Hazard
Merge 'Dog in carriageway' and 'Other animal in carriageway'
New code - 'Pedestrian in carriageway - not injured'.
Remove 'Smoke, dust etc'

Agreed codes

1. None
2. Dislodged vehicle load in carriageway
3. Other object in carriageway
4. Involvement with previous collision
8. Any animal in carriageway except ridden horse
9. Pedestrian in carriageway - not injured

Removed / Amended codes

5. Dog in carriageway
6. Other animal in carriageway
7. Smoke, dust etc

v_type: Vehicle Type
New codes - 'Motorcycle (engine size unknown)', 'Goods vehicle (gross weight unknown)', 'Agricultural vehicle'.

Agreed codes

0. Unknown
1. Pedal cycle
2. Motorcycle - moped
4. Motorcycle (under 125cc)
5. Motorcycle (125cc and above)
6. Invalid vehicle / other 3 wheeler
7. Car - taxi (hackney)
8. Car
9. Motor caravan
14. Other motor vehicle
15. Goods 3.5 tonnes or less
16. Goods exceeding 3.5 tonnes but less than 7.5 tonnes
17. Goods 7.5 tonnes or over
18. Car (used as taxi)
19. Minibus (8-16 passengers)
20. Bus or coach (17+ passengers)
21. Ridden horse
22. Other non motor vehicle
23. Motorcycle (engine size unknown)
24. Goods vehicle (gross weight unknown)
25. Agricultural vehicle

Removed / Amended codes

13. Agricultural tractor

v_junc: Junction Location of Vehicle at Time of Impact
New codes - 'Entering slip road', 'Exiting slip road'.

Agreed codes

1. Not at junction (or within 20m)
2. Approaching / waiting / parked at junction
3. Vehicle in middle junction
4. Cleared junction or waiting / parked at exit
5. Did not impact
6. Entering slip road
7. Exiting slip road

v_hit: First Object Hit in Carriageway
Merge 'Parked vehicle (lit)' and 'Parked vehicle (unlit)'
New codes – 'Any animal except ridden horse'.

Agreed codes

1. None
2. Previous collision
3. Roadworks
6. Bridge (roof)
7. Bridge side
8. Bollard / refuge
9. Open door of vehicle
10. Central island of roundabout
11. Kerb
13. Other object
14. Any animal except ridden horse
15. Parked vehicle

Removed / Amended codes

4. Parked vehicle (lit)
5. Parked vehicle (unlit)

c_school: School Pupil
Remove 'Not a school pupil' and 'School pupil not on journey to / from school'
New codes – 'Other'.

Agreed codes

7. School pupil on journey to / from school
8. Other

Removed / Amended codes

1. Not a school pupil
6. School pupil not on journey to / from school

c_vtype: Casualty Vehicle Type

New codes - 'Motorcycle (engine size unknown)', 'Goods vehicle (gross weight unknown)', 'Agricultural vehicle'.

Agreed codes

1. Pedal cycle
2. Motorcycle - moped
4. Motorcycle (under 125cc)
5. Motorcycle (125cc and above)
6. Invalid vehicle / other 3 wheeler
7. Car - taxi (hackney)
8. Car
9. Motor caravan
14. Other motor vehicle
15. Goods 3.5 tonnes or less
16. Goods exceeding 3.5 tonnes but less than 7.5 tonnes
17. Goods 7.5 tonnes or over
18. Car (used as taxi)
19. Minibus (8-16 passengers)
20. Bus or coach (17+ passengers)
21. Ridden horse
22. Other non motor vehicle
23. Motorcycle (engine size unknown)
24. Goods vehicle (gross weight unknown)
25. Agricultural vehicle

Removed / Amended codes

13. Agricultural tractor

2008 - 2010 Record Layouts

Vehicle Records

Variable	Character Position	Integer / Alpha	Variable Label
a_year	1 – 4	(I)	Year of Collision
a_ref	5 – 19	(A)	Collision Reference No.
v_id	20 – 21	(I)	Vehicle Reference No.
v_type	22 – 23	(I)	Vehicle Type
v_tow	24	(I)	Towing and Articulation
v_man	25 – 26	(I)	Vehicle Manoeuvre
v_loc	27 – 28	(I)	Vehicle Location at Time of Impact
v_junc	29	(I)	Junction Location of Vehicle at Time of Impact
v_skid	30	(I)	Skidding / Overturning
v_hit	31 – 32	(I)	First Object Hit in Carriageway
v_leave	33	(I)	Vehicle Leaving Carriageway
v_hitoff	34 – 35	(I)	First Object Hit off Carriageway
v_impact	36	(I)	First Point of Impact
v_sex	37	(I)	Sex of Driver
v_age	38 – 40	(I)	Age of Driver
v_hitr	41	(I)	Hit and Run
v_forreg	42	(I)	Foreign Registered Vehicle

2008 – 2010 Record Layouts

Casualty Records

Variable	Character Position	Integer / Alpha	Variable Label
a_year	1 – 4	(I)	Year of Collision
a_ref	5 – 19	(A)	Collision Reference No.
v_id	20 – 21	(I)	Vehicle Reference No.
c_id	22 – 23	(I)	Casualty Reference No.
c_class	24	(I)	Casualty Class
c_sex	25	(I)	Sex of Casualty
c_age	26 – 28	(I)	Age of Casualty
c_sever	29	(I)	Severity of Casualty
c_loc	30 – 31	(I)	Pedestrian Location
c_move	32 – 33	(I)	Pedestrian Movement
c_school	34	(I)	School Pupil
c_pcv	35	(I)	Bus or Coach Passenger
c_pedinj	36	(I)	Pedestrian Injured in the Course of 'On the Road' Work
c_vtype	37 – 38	(I)	Casualty Vehicle Type

2007 Record Layouts

Collision Records

Variable	Character Position	Integer / Alpha	Variable Label
a_year	1 – 4	(I)	Year of Collision
a_ref	5 – 19	(A)	Collision Reference No.
a_dcu	20 – 23	(A)	Policing Area
a_type	24	(I)	Collision Severity
a_veh	25 – 27	(I)	Number of Vehicles
a_cas	28 – 30	(I)	Number of Casualties
a_wkday	31 – 33	(A)	Weekday of Collision
a_day	34 – 35	(I)	Day of Collision
a_month	36 – 37	(I)	Month of Collision
a_hour	38 – 39	(I)	Hour of Collision (24 hour)
a_min	40 – 41	(I)	Minute of Collision
a_gd1	42 – 47	(I)	Location - Easting
a_gd2	48 – 53	(I)	Location - Northing
a_ctype	54 – 55	(I)	Carriageway Type
a_speed	56 – 57	(I)	Speed Limit
a_jdet	58 – 59	(I)	Junction Detail
a_jcont	60	(I)	Junction Control
a_pedhum	61	(I)	Pedestrian Crossing – Human Control (After 1 April 2007)
a_pedphys	62 – 63	(I)	Pedestrian Crossing – Physical Control (After 1 April 2007)
a_ped_pre010407	64 – 65	(I)	Pedestrian Crossing Facilities (Before 1 April 2007)
a_light	66	(I)	Light Conditions (After 1 April 2007)
a_light_pre010407	67	(I)	Light Conditions (Before 1 April 2007)
a_stlight_pre010407	68	(I)	Streetlights (Before 1 April 2007)
a_weat	69 – 70	(I)	Weather Conditions
a_roadsc	71 – 72	(I)	Road Surface Conditions
a_speccs	73	(I)	Special Conditions at Site
a_chaz	74	(I)	Carriageway Hazard
a_scene	75	(I)	Did a Police Officer Attend the Scene of the Collision

Vehicle Records as per Page 10

Casualty Records as per Page 11

2004 - 2006 Record Layouts

Collision Records

Variable	Character Position	Integer / Alpha	Variable Label
a_year	1 – 4	(I)	Year of Collision
a_ref	5 – 11	(I)	Collision Reference No.
a_dcu	12 – 15	(A)	Policing Area
a_type	16	(I)	Collision Severity
a_veh	17 – 19	(I)	Number of Vehicles
a_cas	20 – 22	(I)	Number of Casualties
a_wkday	23 – 25	(A)	Weekday of Collision
a_day	26 – 27	(I)	Day of Collision
a_month	28 – 29	(I)	Month of Collision
a_hour	30 – 31	(I)	Hour of Collision (24 hour)
a_min	32 – 33	(I)	Minute of Collision
a_gd1	34 – 39	(I)	Location - Easting
a_gd2	40 – 45	(I)	Location - Northing
a_ctype	46 – 47	(I)	Carriageway Type
a_speed	48 – 49	(I)	Speed Limit
a_jdet	50 – 51	(I)	Junction Detail
a_jcont	52	(I)	Junction Control
a_ped_pre010407	53 – 54	(I)	Pedestrian Crossing Facilities (Before 1 April 2007)
a_light_pre010407	55	(I)	Light Conditions (Before 1 April 2007)
a_stlight_pre010407	56	(I)	Streetlights (Before 1 April 2007)
a_weat	57 – 58	(I)	Weather Conditions
a_roadsc	59 – 60	(I)	Road Surface Conditions
a_speccs	61	(I)	Special Conditions at Site
a_chaz	62	(I)	Carriageway Hazard
a_scene	63	(I)	Did a Police Officer Attend the Scene of the Collision

2004 – 2006 Vehicle Records

Variable	Character Position	Integer / Alpha	Variable Label
a_year	1 – 4	(I)	Year of Collision
a_ref	5 – 11	(I)	Collision Reference No.
v_id	12 – 13	(I)	Vehicle Reference No.
v_type	14 – 15	(I)	Vehicle Type
v_tow	16	(I)	Towing and Articulation
v_man	17 – 18	(I)	Vehicle Manoeuvre
v_loc	19 – 20	(I)	Vehicle Location at Time of Impact
v_junc	21	(I)	Junction Location of Vehicle at Time of Impact
v_skid	22	(I)	Skidding / Overturning
v_hit	23 – 24	(I)	First Object Hit in Carriageway
v_leave	25	(I)	Vehicle Leaving Carriageway
v_hitoff	26 – 27	(I)	First Object Hit off Carriageway
v_impact	28	(I)	First Point of Impact
v_sex	29	(I)	Sex of Driver
v_age	30 – 32	(I)	Age of Driver
v_hitr	33	(I)	Hit and Run

2004 – 2006 Record Layouts

Casualty Records

Variable	Character Position	Integer / Alpha	Variable Label
a_year	1 – 4	(I)	Year of Collision
a_ref	5 – 11	(I)	Collision Reference No.
v_id	12 – 13	(I)	Vehicle Reference No.
c_id	14 – 15	(I)	Casualty Reference No.
c_class	16	(I)	Casualty Class
c_sex	17	(I)	Sex of Casualty
c_age	18 – 20	(I)	Age of Casualty
c_sever	21	(I)	Severity of Casualty
c_loc	22 – 23	(I)	Pedestrian Location
c_move	24 – 25	(I)	Pedestrian Movement
c_school	26	(I)	School Pupil
c_pcv	27	(I)	Bus or Coach Passenger
c_vtype	28 – 29	(I)	Casualty Vehicle Type

Road Traffic Collision Data Changes occurring on 1 April 2010

Recording of variables

The Collision Report Form (CRF) changed on 1 April 2010. The following variables are recorded for fatal and serious injury collisions only –

Collision Records

a_jdet	Junction Detail
a_jcont	Junction Control
a_pedphys	Pedestrian Crossing Facilities - Physical
a_pedhum	Pedestrian Crossing Facilities - Human
a_light	Light Conditions
a_weat	Weather Conditions
a_roadsc	Road Surface Conditions
a_speccs	Special Conditions at Site
a_chaz	Carriageway Hazard
a_scene	Did a Police Officer Attend the Scene of the Collision

Casualty Records

c_loc	Pedestrian Location
c_move	Pedestrian Movement
c_pcv	Bus or Coach Passenger
c_pedinj	Pedestrian casualty injured in the course of on the road work

Vehicle Records

v_junc	Junction Location of Vehicle at Time of Impact
v_skid	Skidding / Overturning
v_hit	First Object Hit in Carriageway
v_leave	Vehicle Leaving Carriageway
v_hitoff	First Object Hit off Carriageway
v_forreg	Foreign Registered Vehicle

The 2011 and 2012 data files have changed the casualty age and driver variable from individual age to an age group.

c_age and v_age have been changed to c_agegroup and v_agegroup respectively
1. Under 10
2. 10-16
3. 17-24
4. 25-34
5. 35-44
6. 45-54
7. 55-64
8. 65+
9. Unknown