Violence on and around public transport (Amy Burrell, 31 May 2007)

8 Appendices

Table A1: Violence Against the Person

Offence Type	Home Office Main Classification (HOMC)	Home Office Offence Classification (HOOC)
Murder	1	1-2
Attempted Murder	2	0
Threat or conspiracy to murder	3	1-3
Manslaughter	4	1-4, 6-7
Wounding/endanger life	5	1-2, 4-25
Endanger railway passenger	6	1-4
Endanger life at sea	7	1-13
Other wounding/possess weapons/harassment	8	1-6, 11, 13-18, 20-31, 33-34, 36-38, 40-41, 43-47, 49-52
	66	9,10,16
	125	9,11,12,58,61,63
	195	94
Child cruelty	11	2-3
	109	1-2, 5-8
Abandoning a child under 2yrs	12	0
Child Abduction	13	1-2
Procuring illegal abortion	14	1-2
Concealment of Birth	15	1
Causing death by aggravated vehicle taking	37	1
Assault constable	104	23,30,31
Common assault	105	1-11

Table A2: Sexual Offences

Offence Type	Home Office Main Classification (HOMC)	Home Office Offence Classification (HOOC)
Buggery	16	5-6,11-28
Indecent Assault Male	17	11-16
Gross indecency b/w males	18	2-6, 7-11
Rape of a female/male	19	2-4, 7-19
Indecent assault Female	20	1-6
Sexual activity w/t child U13	21	2-5
Unlawful intercourse girl U16	22	2-5
Incest	23	1-3
Exploitation of prostitution	24	0, 1-3, 5-7, 10-19
Abduction	25	1-5
Bigamy	26	0
Soliciting	27 165	0 1-2
Sexual activity mental disorder	70	1-24
Abuse child through porn or prostitution	71	1-13
Trafficking for sexual exploitation	72	1-3
Abuse of trust	8 73	39 1-6
Gross indecency with child	74	1-2
Grooming/miscellaneous	88	1-7, 9-11

Table A3: Robbery

Offence Type	Home Office Main Classification (HOMC)	Home Office Offence Classification (HOOC)
Robbery of Business Property	34A	1-2
Robbery of Personal Property	34B	1-2

Appendix A4 - Specifications for BTP data

Type of offences: for the West Midlands Police Area violent crime has been defined as all offence types which are counted as violent crime under the Home Office Counting Rules (*appendix provided*). This includes all categories recorded under Violence against the Person, Sex Offences and Robbery.

It would beneficial to the analysis to include all offences which, recorded by the BTP, which occur on this list. As extraction of the data may take some time, and very small numbers of some offences are recorded, it is suggested that offence types might be limited to:

1) homicide (murder, attempted murder, manslaughter);
2) wounding/endanger life;
3) wounding (most notably GBH, ABH, weapon possession, harassment and public order);
4) assault on a constable;
5) common assault;
6) rape (male and female);
7) indecent assault (male and female); and
8) robbery

Timeframe: 1-Apr-03 to 31-Mar-06 is the timeframe currently under consideration but details of more recent offences would be most welcome too.

Stations located within the West Midlands Region

Acocks Green	Chester Road	Hamstead	Sandwell and Dudley	The Hawthorns
Adderley Park	Coseley	Jewellery Quarter	Selly Oak	Tile Hill
Aston	Coventry	Kings Norton	Shirley	Tipton
Berkswell	Cradley Heath	Langley Green	Small Heath	Tyseley
Bescot	Dorridge	Lea Hall	Smethwick Galton Bridge	University
Birmingham International	Duddeston	Longbridge	Smethwick Rolfe Street	Walsall
Birmingham New Street	Dudley Port	Lye	Snow Hill	Whitlocks End
Blake Street	Earlswood	Marston Green	Solihull	Widney Manor
Bloxwich	Erdington	Moor Street	Spring Road	Witton
Bloxwich North	Five Ways	Northfield	Stechford	Wolverhampton
Bordesley	Four Oaks	Old Hill	Stourbridge Junction	Wylde Green
Bournville	Gravelly Hill	Olton	Stourbridge Town	Wythall
Butlers Lane	Hall Green	Perry Barr	Sutton Coldfield	Yardley Wood
Canley	Hampton-In-Arden	Rowley Regis	Tamebridge	

Data columns required for analysis:

- type of offence (by Home Office code/BTP equivalent)
- description of offence (e.g. robbery:personal, rape, common assault)
- date of offence

- time offence occurred
- location description (e.g. on board train, on station platform, in station etc),
- grid references (x,y co-ordinates)
- MO description/notes
- weapon use/details
- whether the offence was detected or not

Additional data which could contribute to data analysis (if available):

- Weekday (this can be generated using the date field so is not crucial)
- Street name
- Postcode

Appendix A5 - Re-categorising offence types for analysis

Categories for Analysis	West Midlands Police Dataset*	BTP Dataset 1	BTP Dataset 2
Homicide and Threat to Kill	Attempted Murder; Threat to Kill; Manslaughter (2; 3; 4)	Threat to Kill (3)	-
Assault	Common Assault; Racially or Religiously Aggravated Common Assault; Assault on a Constable (104; 105; 8/42; 8/41)	Assault on a Constable; Common Assault (104; 105A; 105B)	Common Assault; Racially or Religiously Aggravated Common Assault
Wounding/Endanger Life	Wounding/Endanger Life (5)	Wounding/Endanger Life; Endanger Railway Passenger (5; 6)	-
Other Wounding	Other Wounding; Racially or Religiously Aggravated Other Wounding (8/1; 8/6; 8/20; 8/21; 8/33; 8/34)	Other Wounding; Racially or Religiously Aggravated Other Wounding (8A; 8D)	Wounding/GBH with intent; Wounding/GBH without intent; ABH; Racially or Religiously Aggravated ABH
Possession of Weapons	Possession of Weapons (8/11; 8/23; 8/24; 8/25; 8/26)	Possession of Weapons (8B)	Possess Air Weapon with intent; Possess Firearm on arrest; Firearms other offences
Harassment	Harassment; Racially or Religiously Aggravated Harassment (8/29; 8/30; 8/31; 8/35; 8/36; 8/37; 8/38; 8/43; 125/58; 66; 195/94)	Harassment; Racially or Religiously Aggravated Harassment (8C; 8E)	Harassment. Alarm or Distress; Racially or Religiously Aggravated Harassment, Alarm or Distress; Racially or Religiously Aggravated fear or provocation of violence; Racially or Religiously Aggravated Harassment
Public Order	Public Order (125/9; 125/11; 125/12)	-	Public Order related
Robbery	Robbery (34)	Personal Robbery (34B)	Robbery; Assault with intent to rob
Sexual Offences	Indecent Assault Male; Indecent Assault Female; Rape Female; Unlawful Sex with Girl under 16; Sexual Activity with a Child; Soliciting (17; 19; 20; 21; 22; 23; 24; 74; 88; 165)	Indecent Assault Male; Indecent Assault Female; Rape Female; Unlawful Sex with Girl under 16; Sexual Activity with a Child; Soliciting (17; 17A; 19C; 20; 20A; 22; 22B; 27)	-
Other/Unknown	Child Neglect; Child Abduction (11; 13)	Child Neglect; Child Abduction (11; 13)	Violent Disorder; Unknown

*numbers refer to Home Office codes

Appendix A6: situational crime prevention techniques for preventing crime and disorder on public transport (source: Smith & Cornish, 2006:16, adapted from Cornish & Clarke, 2003)

Increase the Effort	Increase the Risks	Reduce the Rewards	Reduce Provocations	Remove Excuses
1. Target harden • Protective screens • On board safes on buses • Locomotive 'pilots' and 'anticlimbers' • Graffiti resistant coatings • Damage resistant materials	6. Extend guardianship • Alarms, communications equipment & AVL systems • 'Buddy' system for employees • 'Travel with a friend' off peak • Avoid deserted areas • Easy incident reporting	11. Conceal targets • Encourage passenger to 'conceal' valuables (e.g. avoid use of mobile phones when leaving stations) • Bury trackside signalling & communications equipment	16. Reduce frustrations and stress • Give up-to-date operating information regularly • Give information about service delays and waiting time estimates at level crossings • Distribute complaint forms • Special-event train reservations	21. Set rules • Inform public of new rules and severe penalties • Clear explanations of 'trespass' and correct use of railway crossings • 'Yellow card' warnings of prosecution or penalties
2. Control access to facilities • Mend & upgrade fencing • Require & check tickets • 'Cage in' bridges • Block access (e.g. ends of platforms)	7. Assist natural surveillance • Improve lighting • Remove vegetation & obstructing columns • Reduce number of carriages off peak • Bus stops near open shops	12. Remove targets • Exact-fare, no-change, off-vehicle, electronic payment • Remove unsecured rolling stock & vulnerable fixtures • Clear signs to help rapid exiting • Bus stops away from pubs	17. Avoid disputes • Easy-to-understand fare structure • Ticket reading machines • Proof-of-age cards • 'Quiet' carriages • Control crowding	22. Post instructions • Post signs drawing attention to important rules (e.g. no loitering), hazards and correct behaviour • Explain ticket checking procedures
3. Screen exits • Ticket required to exit transport systems • Parking ticket required to exit station car park	8. Reduce anonymity • Databases of graffiti 'tags', school uniforms & DNA • Enforce wearing of school uniforms • Require pupil ID cards • Require staff name tags	13. Identify property • Security mark 'hot property' (e.g. mobile phones, notebook computers, iPods) • Security mark portable transit system property	18. Reduce emotional arousal • Train employees to handle confrontations • Train staff to identify and respond to unusual behaviour • Don't challenge youths to vandalise	23. Alert conscience • Post notices re: unacceptability of crimes, costs & potential harms (e.g. assaults on employees) • Post messages like 'Take your litter home'
4. Deflect offenders • Platform doors • Dedicated school buses • Separate areas for passengers and non passengers • Exit doors placed away from bus drivers	9. Utilise place managers • Install or upgrade CCTV • Staff management of help points & other public areas • Place wardens on vehicles & at drop off/pick up points • Require maintenance contractor to report trackside problems	14. Disrupt markets • Discourage direct donations to beggars • Offer alternative help to beggars & homeless • Tell passengers how to report shops that sell or unblock stolen mobile phones	19. Neutralise peer pressure • Provide credible, competing role models • 'It's not cool to tag' message at graffiti sites • Place posters and leaflets	24. Assist compliance • Provide alternative venues for station loiterers • Offer legal opportunities for graffiti writing • Build convenient bridges & subways for track crossing • Aesthetically pleasing spaces
5. Control tools/weapons • Control sale and display of spray paint and etching tools • Clear trackside debris • Secure trackside equipment • Remove public seating	10. Strengthen formal surveillance • Increase presence of (& surveillance by) police & security in hotspots • Increase aerial patrols of tracks and trackside • Use complimentary policing	15. Deny benefits • Classical music in stations • Rapidly paint out graffiti (or put a line through it) • Install 'suicide pits' • Slow train speeds at stations	20. Discourage imitation • Persuade media not to publish details of crime incidents and techniques used • Rapidly remove graffiti and repair damage	25. Control drugs and alcohol • Designate public transport settings as 'alcohol-free' zones • 'Dry' trains for football supporters