

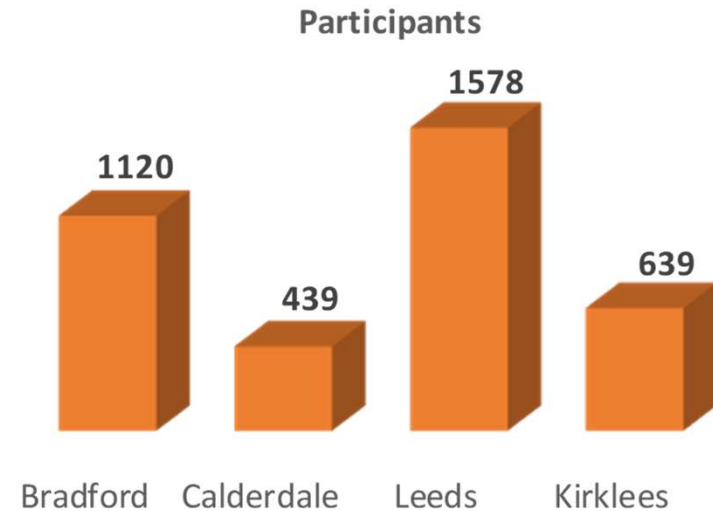
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Activity Analysis in West Yorkshire Police

Andrew Wright – Force Performance Manager
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Things we'll cover....

1. Why Activity Analysis?
2. What does a campaign look like?
3. What we found
4. Benefits / application

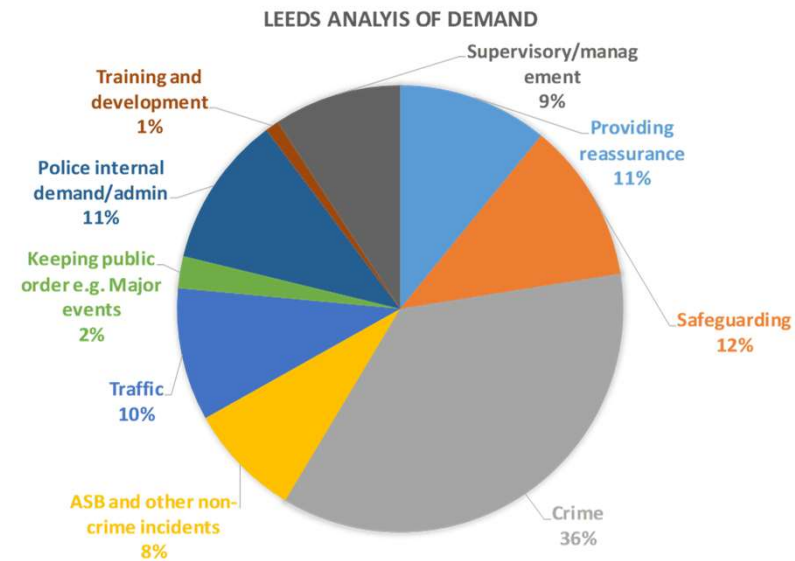


Why Activity Analysis

➤ Further evidence to highlight the shift away from traditional policing activities to dealing with more complex crimes and incidents – better understanding of demand

- Supported the Funding Formula working Group
- Findings provided to Home Office for CSR and increased funding for Police Service
- Activity data gives a richer picture of activity alongside crime and incident data
- Facilitate comparisons with Police Activity 10 years ago

➤ Rolling programme of campaigns allowed us to deliver comparisons across West Yorkshire District Areas



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What did we do?

- Established a rolling programme across 5 Districts
- Each campaign consists of two 24 hour snapshots
- Includes all officers, staff and PCSOs (with some exclusions)
- Officers / Staff record their activities primarily on mobile devices via completion of an online form (SNAP survey)
- Activities recorded each hour of the day
- Activity survey developed to facilitate comparisons with campaigns 10 years ago
- New 'factors' included (e.g Cyber, Double crewing)

Were you involved with the same activity / Incident all day?

Yes
 No

Number of hours worked between 07:00 16/03 and 06:59 17/03

What time did your shift start (24 hour clock)
Please enter a number between 0 and 23 (if your shift starts at 7:00 am)

Activities
Codes 1 to 27 - non incident related activities
Codes 28 to 39 - incident related activities

1 - Visible patrol
 2 - Special Operations / Events
 3 - Investigate complaints (PACE)
 4 - Deal with informants
 5 - Community involvement / Liaison
 6 - Court duties / Escort
 7 - Property enquiries
 8 - Non-incident enquiries

What we did - Completion of Activity Form

Non-Incident Related Activity

Visible Patrol
Investigate complaints (PACE)
Deal with informants
Community involvement/Liaison
Court duties/Escort

Incident Related Activities

Deal with an incident (inc.
travelling, arresting, statements)
Enquiries
Observations

If Incident Selected then what type of crime or non-crime

Crime

Residential Burglary
Criminal Damage
Drugs offences
Robbery

Non-Crime

ASB
Missing Persons
S136 Mental Health
Road Traffic

Other Factors / Detail

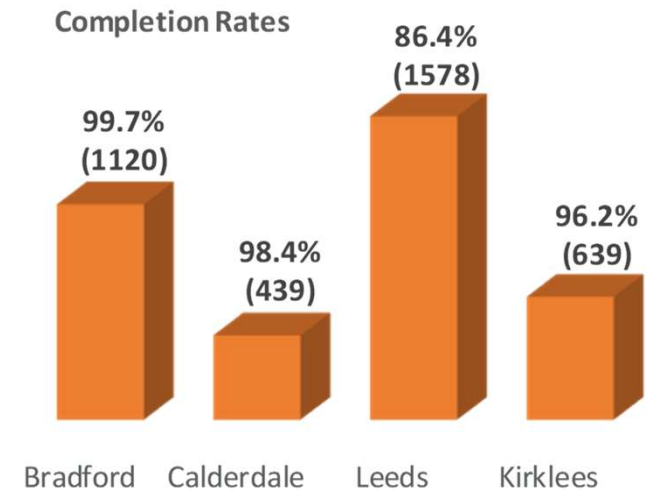
None

Alcohol
CSE
Cyber Related
Domestic Abuse
Drugs
Mental Health
Other Safeguarding

Single/Double Crewed

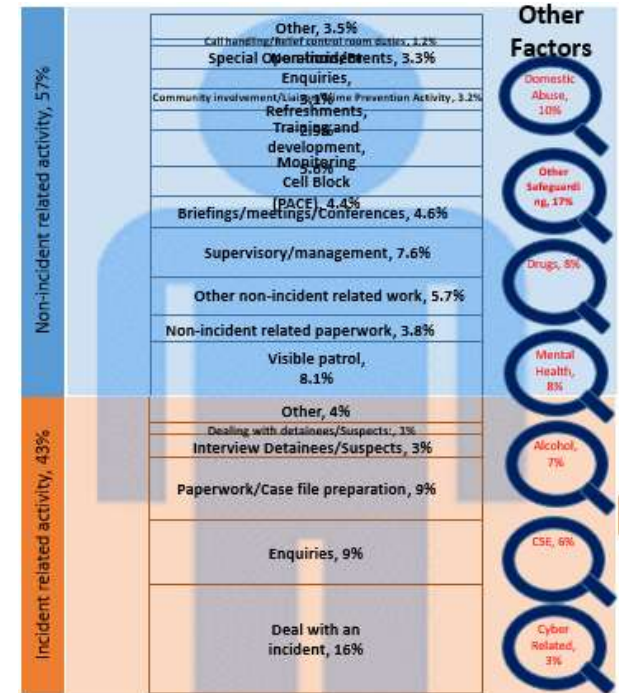
What worked well?

- In-house development of SNAP Survey – opportunity cost only
- Data capture via mobile device ensures minimal disruption
- Localised and short campaigns ensured focus from participating officers, support from HQ and delivered high completion rates
- Excellent buy-in from Local Commanders / Marketing / emails
- District SPOC invaluable
- Fast Turnaround – 10 week project cycle including final report
- Reassuring consistency of results compared to 10 years ago



What we found

- 31% of time still spent on crime related activities but this was 40% in 2006
- Time spent on safeguarding activities increased by 7% to 18%
- 15% of time was still spent on providing reassurance (visible patrol, community engagement) – up 3%
- Officers and staff spending more time on research and analysis
- When dealing with incidents, a far greater time is now spent dealing with missing people and sexual offences whereas acquisitive crimes attract less officer/staff time
- Domestic abuse was highlighted as being a factor in 17% of all hours analysed



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Benefits / Application

➤ Provided additional evidence of Shift in Policing Activities away from crime and towards safeguarding

- Supported decision making around increased resourcing of safeguarding units
- Adds weight to discussion with partners in relation to necessity for partnership working

➤ Data has acted as a driver for demand reduction activity

- Missing people / Domestic Abuse (Hospital Absconders / Domestic Risk Assessments) – corroborates HMICFRS 'Big Data' findings

➤ District Insight of resources– crewing policies, activities by role

- Missing people

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➤ Data capture via mobile device ensures minimal disruption



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Benefits / Application

- Identify activities associated with specific ranks
 - Concern over Sgts. Data used alongside Staff Survey findings
- Supported Home Office in estimating relative costs of incidents and crimes (partial picture)
- Results widely used in West Yorkshires FMS alongside HMICFRS Big Data and VFM profiles to add context to demand and resourcing narrative
- Complexity factors could support delivery of additional training (i.e Cyber, Mental Health etc).



Not as scary as we thought!!

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Thank you!

Any Questions

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