

HMIC Value for Money Profiles 2012

Avon & Somerset Constabulary

compared with all forces in England and Wales

The forces in the most similar group can be identified in the charts in this section by using the key below

- a Avon & Somerset
- **b** Cambridgeshire
- c Devon & Cornwall
- d Essex
- e Hampshire
- f Hertfordshire
- **g** Kent
- h Thames Valley

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Introduction

How can forces and Police and Crime Commissioners (PCCs) make the right decisions about improving value for money? While a private sector organisation can point to the 'bottom line' as the rationale for their choices, there is no agreed equation which derives value for money for policing. However, forces do have one key advantage over the private sector: access to detailed information from other similar organisations.

By exploiting the benefits of similarity, forces can reduce complexity. How? By comparing their own costs and performance with those of organisations facing similar conditions. HMIC's value for money profiles are designed for that purpose. They enable local managers and PCCs to ask the right questions, and expose areas where costs are high or performance could be improved. This also makes them integral to HMIC's approach to risk-based inspections.

The profiles are best used as part of a comprehensive performance review system. Many forces are already doing this, using the data contained in the profiles to decide where their attention should best be focused. Those forces have found that challenging costs and performance is never straight forward. There are always a range of plausible reasons that need to be assessed. A sceptical attitude is best. Never let a good story get in the way of the facts!

With these uses in mind, the profiles are designed to be:

- Relevant using the most useful, nationally available information
- Accurate as data is subject to a systematic quality assurance process (described below)
- Timely produced in October each year, when key budget decisions are taken.
- Easy to use information presented in a structured and logical format. Time saved by viewing several related charts and tables per page (or screen). Profiles can be used as a booklet and present extremely well on IPads or other tablet devices.
- Focused key differences identified, showing the impact of the difference between force and average. In addition, chevrons highlight the largest differences.
- Unbiased the facts, without the application of arbitrary weightings
- Balanced compares relative performance with relative expenditure

Use them as a reference document.

How to use the profiles

The purpose of the profiles is to help you compare your force with others. Most of the data is presented as bar charts so you can see the range of forces and where your force sits. A horizontal line runs across each bar chart and represents the simple average.

Your force is highlighted in black, but you will also notice some other forces highlighted in a darker blue. This group of forces are considered to be most similar to your force, sharing similar demographic characteristics. For this reason they make for a better comparison than with other forces. They are generally referred to as the MSG or the most similar group.

The bulk of forces fall into defined clusters to form a Group, but there are a few who are less closely clustered. These are the Metropolitan Police, Dyfed-Powys, Surrey and the City of London. These forces are still included within a most similar group, but their appearance as an outlier needs to be treated with more caution.

The MSG was designed to more fairly compare levels of crime between forces, rather than costs. They do not take account of the fact that some areas, such as London, have higher costs than elsewhere. However, they are still useful as a cost comparison as forces in a high crime MSG such as that for large urban forces are likely to have more resources, such as more police officers per head of population.

The profiles are presented in the form of logic trees with the data broken down progressively from left to right. By following the branches of the logic tree, you can identify the reason(s) for difference between your force and the others. For example, is this force spending more on police officers because there are more of them (officers per population) or because they are more expensive (cost per officer).

The small blue tables on most pages include key numerical data presented in the charts. Often they include a more detailed list of functions and costs. Reading from left to right, the tables include: a short description of the function (or crime type), followed by the volumes (e.g. Staff numbers / costs or numbers of crimes); the ratio for comparison such as your force's cost per head of population and the average costs per head of population (either the "all" England and Wales average or the "Group" MSG average).

To the right of the main table, we show how much more or less it is costing your force as a result of costs being higher or lower than the average. The more detailed financial pages include a further table. This shows whether your force spends disproportionately more than the average on police officers. Taking the call centre function for example, you might question why some forces have disproportionately higher police officer costs compared with the average.

You will notice the appearance of chevrons against some cost of difference calculations. These figures are highlighted if the indicator puts the force in the top or bottom ten percent and the effect of the difference is greater than £1 per head of population.

GUIDANCE PAGE - How to read a profile POLICE OFFICERS 4. This chart shows a breakdown of 2012/13 estimates £ per head of population Police officer FTE per 1.000 the previous chart, revealing overtime These charts break down police officer costs into salary and overtime costs has little bearing on officer costs. 6. The force has more 3 (OT). Police officer overtime costs are also shown as a percentage of the officers per pop than overall salary costs. £200 Police officers (exc OT) 2 national average and the 3rd highest nationally, are also presented. £150 1. Logic trees breakdown left to Home Office published FTE equating to a difference in right, comparing force (a) to most n at 31st March 2012, and so £100 cost of £111.2m (see similar group (highlighted) as well table). ebac as all forces in England and Wales. £50 f d £60k Police officer cost per FTE (exc beac Officer cost per head £200 OT) £55k £150 £50k £100 £45k £50 £40k d f c b e 6% Police officer overtime % salary d beac 5% 4% 7. The cost of individual 2. The force has some of the 3% officers in force are highest officer costs per pop 2% relatively low. nationally... 1% £m £/head Avg Diff. £m 0% Police officers (exc. OT) 376.6 143.2 105.5 99.3 d eaf b Police overtime 15.1 5.8 3.5 6.1 Total 391.8 149.0 108.9 105.3 3. ...equating to a difference of £105.3m to national 5. They are in line with most Diff. £m PO overtime % salary % sal Avg average. similar group but £3m above National functions 0.4% 0.1% 1.0 national average. Other 3.6% 3.1% 1.9 Budgeted FTE 2012/13 (POA 7,608 Total 4.0% 3.3% 2.8 FTE Mar 12 (ADR502) 7.498 Avg Diff. £m N.B Outliers are highlighted with red FTE/1,000 2.89 2.07 111.2 chevrons and fall within the top or bottom 10% of forces, where applicable with a £000/FTE £49.5k £51.1k -12.4 financial value of more than £1 per head. Source: POA Statistics 2012/13 estimates and ADR502 Borsetshire

Data quality

HMIC gives every force the opportunity to check their Chartered Institute of Public Finance and Accountancy (CIPFA) financial estimates data and Home Office management data (excluding crime data which is checked by the Home Office) through a systematic quality assurance process:

- CIPFA apply arithmetic and reconciliation checks
- Each force is asked to check their statistical outliers
- Each force receives a draft profile to check again
- HMIC resolves inconsistencies identified by ourselves and forces

Each year forces identify some anomalies or inconsistencies, which HMIC try hard to resolve. HMIC strongly encourage forces to make the necessary changes, but forces are responsible for the data they have submitted. As a result some anomalies may remain.

There are a number of ways to identify them. First, where significantly higher than average costs in one function are also shown against lower than average costs in another related function. One example is extremely high HR costs compared with extremely low training costs. Second, where costs are surprisingly low or high. Lastly, some urban forces are reporting comparatively low rates of criminal damage and anti social behaviour incidents. This probably reflects differences in the ability of IT systems to capture all the data.

Validity of comparisons

Collaboration and contracting out A few forces have raised concerns about the validity of staff comparisons between forces involved in collaborations and/or contracting out and others. Forces that lead collaboration by providing services to other forces, are concerned that higher staff numbers will reflect badly in their comparisons and distort the MSG averages. Others suggest that the comparison of non staff costs, when some forces are contracting out large parts of their organisation, is less than useful.

While we are aware of these issues, we are not yet convinced of the need to remove the relevant pages. Instead we have included an additional summary expenditure page by function, opposite the summary staffing page. Comparison of the net cost or staffing numbers by function, makes it clear which forces are involved in collaboration with other forces and which with the private sector. The non staff costs page is also retained because it so clearly identifies forces – currently Lincolnshire and Cleveland – who have undertaken large scale initiatives.

To help further with comparisons, an appendix includes a list of forces that have contracted out some or most of their custody function as well as those involved in Private Finance Initiatives (PFI). This provides some context, especially when comparing premises costs where a PFI scheme is involved.

Earned income vs. government grant Another concern, identified by North Wales Police, concerns the recording of Criminal Record Bureau (CRB) funding. Most forces have coded CRB funding as earned income while others have coded it as a grant. The POA guidance clearly states that CRB income be coded to grants. The relevant forces have been contacted and asked to submit corrections which are included.

Use of budgeted and actual staff numbers The profiles include staff numbers drawn from two data sets: the Home Office annual data return (ADR 502) which is a snapshot on 31st March of full time equivalent staff in post and the police objective analysis which counts the average, budgeted, full time equivalent staff.

In general the profiles use police objective analysis (POA) budgeted staff numbers to make detailed financial comparisons between forces. POA is a relatively recent invention and prior to 2011-12, had not been checked by HMIC. Consequently, it cannot provide a time series long enough to show changing trends. For this purpose the ADR is used because it can display data, which has been checked, over several years. ADR staff numbers are mostly used to present overall staff trends: police officers, PCSOs or police staff. Occasionally they are used to compare measures of police activity between forces.

Although the profiles show the budgeted POA and ADR 502 ftes side by side, there is no expectation that they be the same for two main reasons. First, the POA staff numbers are an average over the following financial year (2012-13), while the ADR is a snapshot at the end of the previous year (March 31st 2012). Second, the POA counts budgeted staff and will therefore include vacant posts, while the ADR counts the actual staff in post. You may notice a large difference between the two data for police staff numbers. This may be due to reductions in staff numbers between the end of one financial year and the start of the next.

Restorative justice For a force to submit a count of Restorative justice (RJ) to the Home Office, the only requirement is for the force to have a local policy in place. As there is no definition that would allow comparison, RJs are unlikely to be a National Statistic and are not included in the profiles.

New data sets

Emergency and priority incidents per population The data shows how the demands on your force for the two highest priority calls differ from your most similar forces and others. Total emergency and priority incidents are broken down into those related to crime, anti social behaviour (ASB) and other incidents. This data is drawn from force command and control systems and therefore will not include all recorded crimes or incidents.

A striking feature of other EP incidents is that the average exceeds that for the averages of crime and ASB. Further research by HMIC at six forces in has revealed that a handful of categories included in 'other incidents' account for around 50 percent of the total. These invariably include: concerns for welfare (which can include individuals with mental health problems and other vulnerable people, such as the elderly or children), domestic incidents, suspicious circumstances, traffic collisions and ASB classified as nuisance.

¹ Lower priorities, scheduled calls, have not been used as these data were found to be unreliable. The main reason is that scheduled calls are not always recorded on command and control systems; often they are recorded on separate systems for appointments.

ⁱⁱ The emergency and priority (EP) incident classifications are based on ACPO/NPIA definitions to make the data more comparable (see "National Contact Management Principles and Guidance", ACPO and NPIA, London, 2010). Emergency incidents are defined as aiming to get to victim within 15mins or 20 mins in rural locations. Priority incidents are generally those with an estimated time of arrival of within 60 mins. Some forces do not distinguish between these categories, so they are combined in the charts.

As this data is new we have encountered some minor problems, which we would like to draw to your attention. While some further local checking may required, we feel the information remains useful for comparative purposes – especially where there are large differences. You may like to check two aspects. First, the incident data includes a small proportion of calls classified as 'admin' incidents, for instance when officers use the command and control system as a means of making sure that an urgent task is carried out by others. Admin incidents represent a small proportion, often less than 5 percent. Second, we know of some forces which provided incidents with duplicate incidents included. The percentages are again small, these forces are as follows: Avon and Somerset, Dyfed Powys, Metropolitan Police, Norfolk, North Yorkshire and South Yorkshire.

Lower priority, scheduled calls have not been used as these data were found to be unreliable. The main reason is that scheduled calls are not always recorded on command and control systems, often they are recorded on separate systems for appointments.

Ribbon charts showing longer term trends, 2001-02 to 2011-12, for some crimes by force. Four types of crime rates are shown because of their distinctive patterns: violence with injury, vehicle theft (including interference), burglaries (all) and criminal damage.

The purpose of these charts is to examine the trends for your force compared with similar forces set against the rest. If your recent trends differ from the similar forces, and the general pattern, then you should review the likely causes and locations.

A few observations on the main four charts. A general feature is the reduction in the range of crime rates between forces over the period. This suggests that forces are becoming more similar in some respects, although part of this convergence is likely due to changes in recording. For example, the violence with injury chart shows large variations in crime recording, certainly until 2005-06 when the National Crime Recording Standards (NCRS) were being implemented. (2008-09 is the baseline year used in the profiles). It also shows that the introduction of NCRS had little impact on one force.

No crime rates – we show four year trends and a comparison with the all force average. The highest no crime rate is for rape.

Council tax yield – this chart shows the variation in the yield per head for your force compared with others for £1 change in Council tax.

Common gueries

The three most common queries received last year are worth repeating. The first was about the rule applied to highlight particular differences. The difference is highlighted if the indicator puts the force in the top or bottom 10 percent and the effect of the difference is greater than £1 per head of population. The other query was about the population base. The profiles adopt the mid year 2010 population estimate to align with Home Office publications especially crime rates. Rather than basing the workforce mix calculations on police officer percentages of the workforce we have used police officer costs as a percentage of gross costs for two reasons. First, it takes better account of comparisons where some forces have contracted out services, such as custody. Second, the costs of police officers vary between forces.

A final word...

Almost without exception forces have made changes to their data. Like last year, several have also raised detailed points and we would especially like to thank those who have taken the trouble to give us feedback. We count within this group two regular contributors: Thames Valley Police and Lancashire, but this year add North Wales, South Wales, Northamptonshire and Northumbria Police as each made important points.

I am always keen to hear from users how the profiles can be improved. If you have any suggestions, or any analysis which you think might be useful to include please contact me: lawrenceroy.morris33@hmic.gsi.gov.uk or 0203 513 0517.

Section One - Workforce and Costs

INTRODUCTION

This section looks at both how a force deploys its workforce and the associated costs of each of the 12 headline categories within the Police Objective Analysis (POA). POA subcategory information on costs is also presented.

POA 2012/13 estimates are used for all cost and workforce data unless stated otherwise. These data are taken as a snapshot as at 9th October. Any updates to the data which are made after this time will not be reflected in the profile.

Workforce data comprises full-time equivalent (FTE) figures. In POA estimates these are calculated as the number of staff budgeted for each staff type. Within support services, staff levels are less likely to be affected by local demographics and are therefore additionally presented as cost of function as a percentage of total cost.

Local policing workforce by function

The POA data is initially divided into twelve groups:

Local policing

Dealing with the public

Roads policing

Specialist operations

Intelligence

Investigations

Investigative support

Criminal justice

Support functions

Police authority

Central costs

National policing

Throughout the profiles the chart scales differ and the differences shown may not be as significant as they first appear.

Key to the data and calculations

<u>Net revenue expenditure</u>: The profiles use a different calculation for net revenue expenditure to Chartered Institute of Public Finance and Accountancy (CIPFA); it is calculated as total expenditure minus earned income to show the total cost of policing to the taxpayer.

Earned income: Where earned income is referred to, this covers partnership income, sales fees charges and rents, special police services, reimbursed income and interest.

Averages: All averages in this section (unless otherwise stated) are simple, unweighted England and Wales averages, which include the force in question. As the Metropolitan Police and City of London Police data distorts the chart scales, they have been excluded from all force profiles except for their own

<u>Difference to most similar group (MSG) / All force</u>: Differences are calculated on standardised data, as opposed to absolute values. Calculation is as follows: (Force cost per head - MSG cost per head) * population.

<u>Police officer as % of gross expenditure:</u> We have chosen to show the proportion of spend on officer (and overtime) by function. Calculation is as follows: (Police officer spend + Police officer overtime) / Gross Revenue Expenditure (GRE).

Personel ADR datasets: ADR datasets (other than crime) have been refreshed and run from live data, during week commencing 24th September.

How to use this section

Users may wish to focus on those charts where the force is an outlier, i.e. where they are significantly different from the average, or where they are particularly high or low. Outliers are highlighted with red chevrons and fall within the top or bottom 10% of forces; where applicable with a financial value of more than £1 per head. They should explore the reasons for any differences by looking at the force as a whole, using relevant local knowledge. Staffing levels should also be considered in the context of workforce modernisation, collaboration efforts and the outsourcing of services.

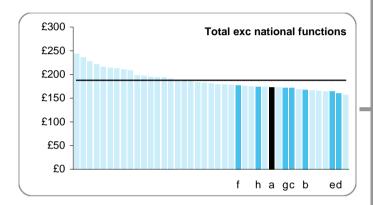
EXPENDITURE

2012/13 estimates £ per head of population

These charts give an overview of what policing in each force costs per head of population.

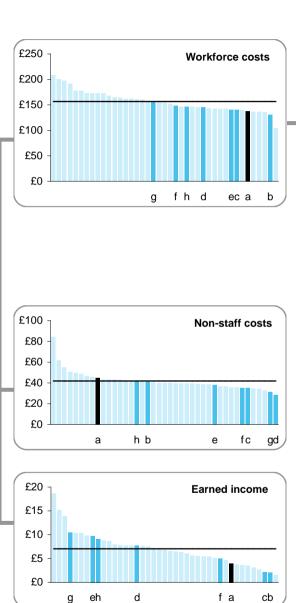
NB: the profiles calculate net revenue expenditure as total expenditure minus earned income to show the total cost of policing to the taxpayer.

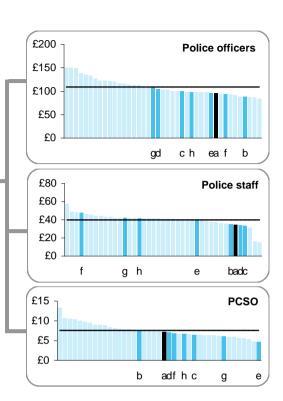
NB: This is different from net revenue expenditure (NRE) as reported in POA data.



Population	1,623k
------------	--------

	£m	£/head	Avg	Diff. £m
Police officers	155.8	96	109	-21.3
Police staff	55.5	34	40	-9.2
PCSOs	11.8	7	8	-0.5
Workforce	223.1	137	157	-31.0
Non-staff costs	72.5	45	42	4.5
Earned income	-6.5	-4	-7	5.0
Net revenue exp.	289.1	178	191	-21.6
	·	·		
Total exc national	281.5	173	188	-23.1





Source: POA estimates 2012/13

Avon & Somerset

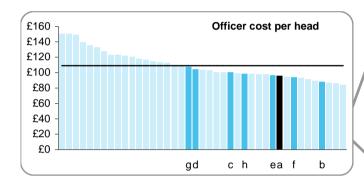
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POLICE OFFICERS

2012/13 estimates £ per head of population

These charts break down police officer costs into salary and overtime costs (OT). Police officer overtime costs are also shown as a percentage of the overall salary costs.

Estimated FTE numbers for the year 2012/13 are also presented. An additional data table compares these with Home Office published FTE figures (ADR502), which are a snapshot taken at 31st March 2012, and so will not necessarily be the same.

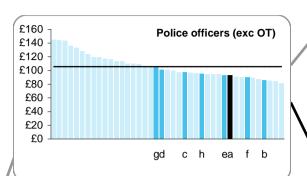


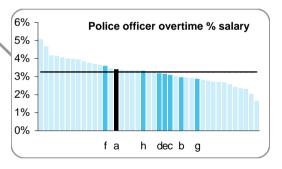
	£m	£/head	Avg	Diff. £m
Police officers (exc. OT)	150.7	92.8	105.6	-20.8
Police overtime	5.1	3.2	3.5	-0.5
Total	155.8	96.0	109.1	-21.3

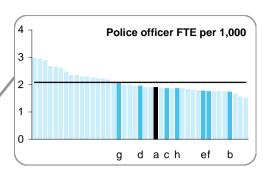
PO overtime % salary	% sal	Avg	Diff. £m
National functions	0.2%	0.1%	0.0
Other	3.3%	3.1%	0.2
Total	3.4%	3.3%	0.2

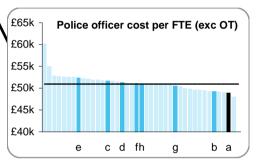
		Avg	Diff. £m
FTE/1,000	1.90	2.08	-15.3
£000/FTE	£48.9k	£50.9k	-6.2

Source: POA Statistics 2012/13 estimates and ADR502









Budgeted FTE 2012/13 (POA)	3,080 3,039
FTE Mar 12 (ADR502)	3,039

Here and on next page, flagged as outlier where the two figures differ by more than 5%

POLICE STAFF AND POLICE COMMUNITY SUPPORT OFFICERS (PCSO)

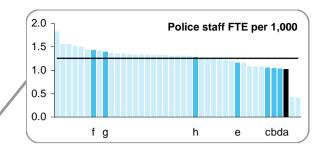
2012/13 estimates £ per head of population

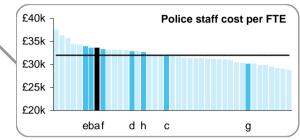
These charts break down police staff and PCSO costs into more detail.

Estimated FTE numbers for the year 2012/13 are also presented. An additional data table compares these with Home Office published FTE figures (ADR502), which are a snapshot taken at 31st March 2012, and so will not necessarily be the same.

Home Office staff FTE data includes S38, and excludes temporary contract staff and traffic wardens while POA includes traffic wardens.

£70 £60 £50 £40 £30 £20 £10 f g h e badc





POLICE STAFF

£m	£/head	Avg
56	34.2	39.9

		Avg
FTE/1,000	1.02	1.26
£000/FTE	33.6k	32.0k

Diff. £m	
-12.3	<
2.6	

Diff. £m

-9.2

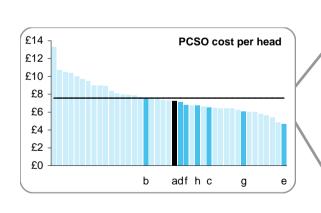
Budgeted FTE 2012/13 (POA)	1,654
FTE Mar 12 (ADR502)	1,667

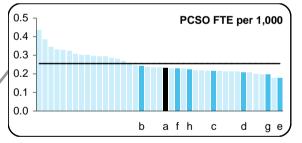
PCSOs

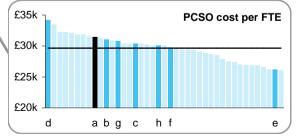
L	£m	£/head	Avg	Diff. £m
	11.8	7.2	7.6	-0.5

		Avg	Diff. £m
FTE/1,000	0.23	0.26	-1.2
£000/FTE	£31.4k	£29.6k	0.7

	Budgeted FTE 2012/13 (POA)	375
1	FTE Mar 12 (ADR502)	365







Source: POA Statistics 2012/13 estimates and ADR502

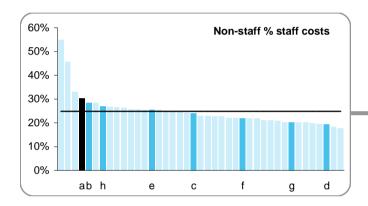
NON-STAFF COSTS AS PERCENTAGE OF WORKFORCE COSTS

2012/13 estimates

These charts provide information about non-staff costs broken down into specific types of running costs.

Non-staff costs are shown as a percentage of staff costs, as non-staff costs are largely dependent on the number of staff working for an organisation.

Third party payments include mutual aid from other police authorities, contributions to inter-authority services, transfer payments and national levies.

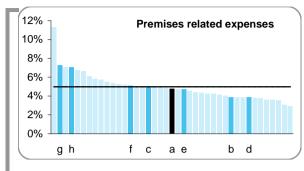


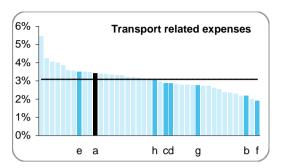
Staff costs	£223m
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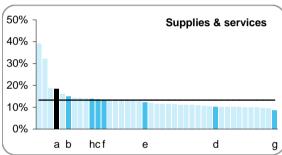
	£m	% staff	Avg	Diff. £ı	n
Supplies & services*	40.8	18.3%	13.3%	11.2	1 <<
Premises	10.6	4.8%	5.0%	-0.5	1
Transport	7.6	3.4%	3.1%	0.7	4
Collaboration payments	1.2	0.5%	0.9%	-0.9	2
Other employee exps**	7.6	3.4%	2.6%	1.8	8
Non-staff costs	67.8	30.4%	24.8%	12.4	·0 <<
				-	_

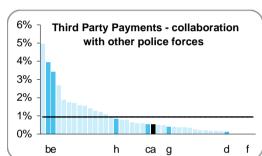
Capital financing	4.7	2.1%	2.5%	-0.77
Total	72.5	32.5%	27.3%	11.64

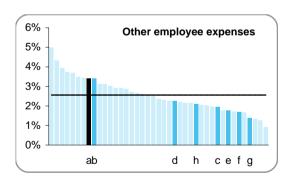
Source: POA estimates 2012/13











^{*} Inc 3rd party payments exc collaboration

^{**} Inc temporary & agency staff, injury & ill health costs

FINANCING OF EXPENDITURE

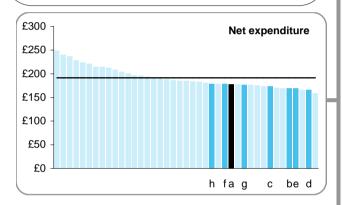
2012/13 estimates £ per head of population

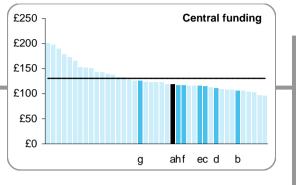
These charts show how the force funds its expenditure broken down into more detail using POA finance data.

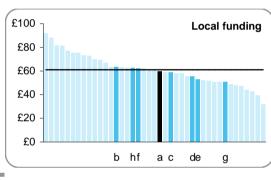
Central funding is broken down into formula based funding, and government grants, which are not formula based.

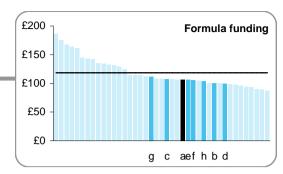
Local funding is comprised of council tax and use of reserves.

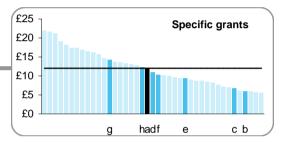
Note: forces in Wales did not receive an increase in government grant for agreeing to freeze or reduce council tax but did receive a four year grant from the Welsh Government for an additional 500 PCSO's across Wales.





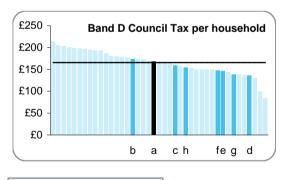




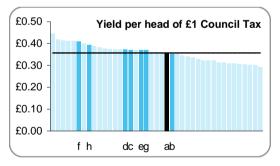


Population	1,623k
------------	--------

	£m	£/head	Avg
Central funding			
Formula funding*	173	106	118
Specific grants	19	12	12
Local funding			
Council tax	97	60	60
Reserves (transfers)	0	0	1
Net revenue exp.	289	178	191



Band D tax rate	Avg
£168	£166



Council Tax £/head	Yield of £1 CT	Avg
£60	£0.36	£0.36

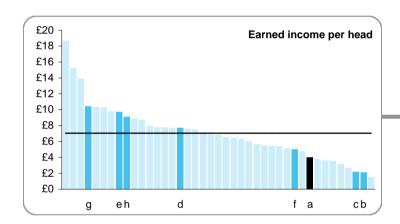
Source: POA estimates 2012/13

^{*} Sum of Police Grant, Non-Domestic Rates, & Revenue Support Grant

EARNED INCOME

2012/13 estimates £ per head of population

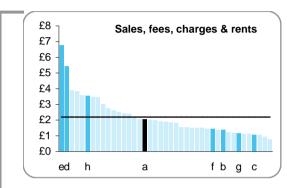
These charts break down information into different categories of 'earned' or external income using POA. This is the income removed from GRE in order to calculate NRE and does not include government grants.

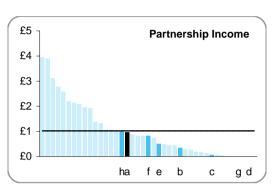


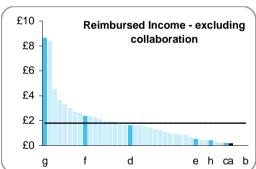
Population	1,623k
------------	--------

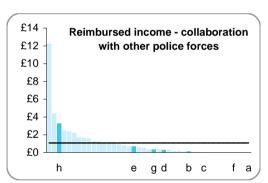
	£m	£/head	Avg	Diff. £m	
Sales, fees, charges & rents	3.3	2.0	2.2	-0.3	
Reimbursed Income					
- Collaboration	0.0	0.0	1.1	-1.8	
- Exc collaboration	0.3	0.2	1.8	-2.6	<
Partnership income	1.5	1.0	1.0	-0.1	
Special police services	0.8	0.5	0.7	-0.4	
Interest	0.5	0.3	0.2	0.1	
Total earned income	6.5	4.0	7.1	-5.0	

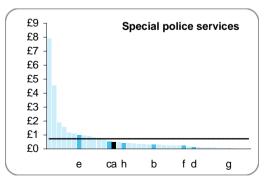
Source: POA estimates 2012/13









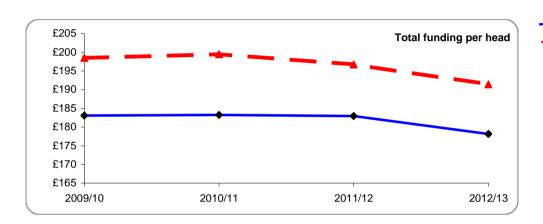


FUNDING SOURCE TRENDS

2009/10 - 2010/11 actuals and estimates for 2011/12 - 2012/13 £ per head of population

These charts show how the financial position and funding of forces has changed since 2009/10.

Please note that estimates of reserves are unreliable, and that these figures are not adjusted for inflation.



Avon & Somerset
 Average

£ per 1000	2009/10	2010/11	2011/12	2012/13	Change
Central gov funding	130.0	131.0	124.6	118.4	-9%
Reserves	-2.4	-6.1	0.0	0.0	
Council tax	55.5	58.3	58.4	59.7	8%
Total funding	183.1	183.3	183.0	178.1	-3%

Average	2009/10	2010/11	2011/12	2012/13	Change
Central gov funding	142.4	145.9	137.9	130.4	-8%
Reserves	0.4	-3.6	1.3	1.3	
Council tax	55.7	57.2	57.5	59.7	7%
Total funding	198.5	199.5	196.7	191.4	-4%

Band D tax rate	£161	£168	£168	£168
Average	£157	£162	£162	£166

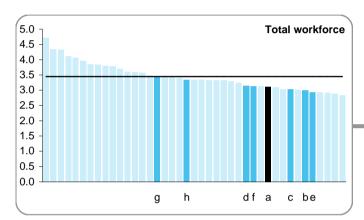
Source: CIPFA statistics; POA Statistics 2012/13 estimates

WORKFORCE - SUMMARY March 2012

These charts show the overall police workforce per 1,000 population which are then broken down into police officers, police staff and PCSOs.

We have subdivided officers into community police officers (CPO - those within neighbourhood response, traffic roles and probationers) and others, and therefore used ADR 502 and 601 as the data source.

Specials numbers are headcount as opposed to FTE.



% Total

35%

7%

42%

25%

33%

100% 100%

Avg

31%

7%

38%

28%

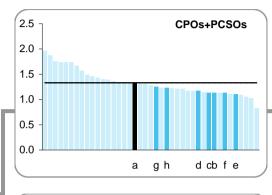
33%

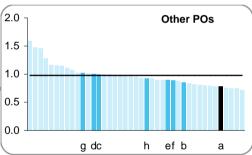
Population 1,623k

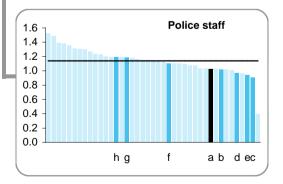
	FTE	per 1,000	Avg	Diff
Community POs	1,768	1.09	1.09	2
PCSOs	365	0.22	0.24	-28
Sub-total	2,133	1.31	1.33	-26
Other POs	1,271	0.78	0.98	-316
Police staff	1,667	1.03	1.14	-182
Total	5,071	3.12	3.45	-525

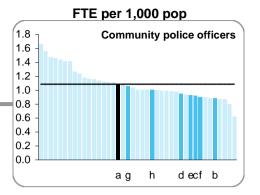
Special constables	578	0.36	0.32	59
Contractors	0	-	0.03	-46

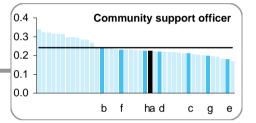
Source: ADR 502 / 601 March 2012







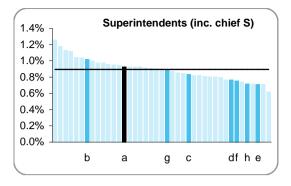


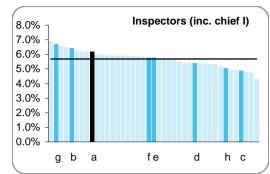


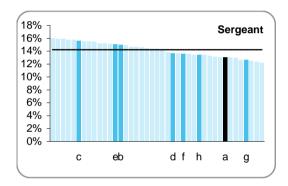
POLICE OFFICERS/PCSOs BY RANK March 2012 % of FTE

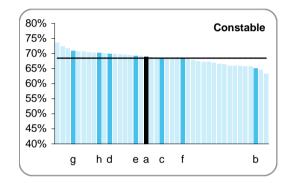
These charts show the percentage of the total officer and PCSO workforce by rank. The chart for superintendents includes chief superintendents, and the chart for inspectors includes chief inspectors. Association of Chief Police Officers (ACPO) are officers above the rank of chief superintendents.

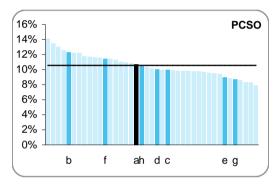
Two further charts show numbers of constables (and PCSOs) per sergeant giving an indication of the supervision requirement for each sergeant.







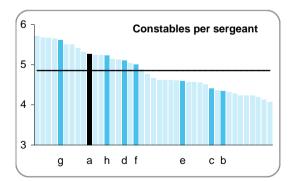


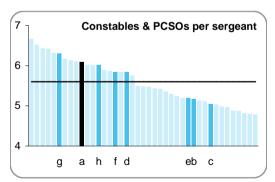


	FTE	%	Avg
ACPO	5	0.1%	0.2%
Chief superintendent	10	0.3%	0.3%
Superintendent	22	0.6%	0.6%
Chief inspector	50	1.5%	1.2%
Inspector	160	4.7%	4.5%
Sergeant	445	13.1%	14.2%
Constable	2,348	69.0%	68.5%
PCSO	365	10.7%	10.5%
Force total	3,404	100.0%	100.0%

Constables per sergeant	5.3	4.9
Const. & PCSOs per Sergeant	6.1	5.6

Source: ADR 502 March 2012





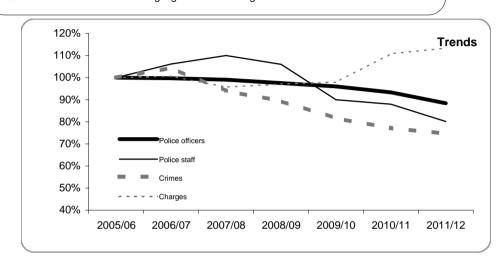
WORKFORCE & CRIME TRENDS

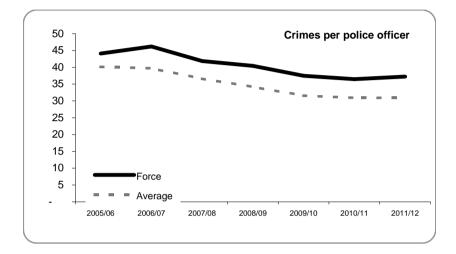
These charts compare trends of all officers and total crime excluding fraud and forgery. Charges data also exclude fraud and forgery.

We have opted to show totals in order to maintain both consistency and better data quality over time.

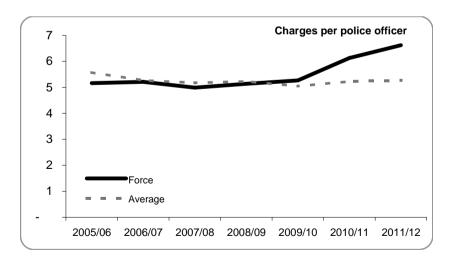
Note: PCSO are not shown.

These charts should be used to highlight relative changes rather than absolutes values.





	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12
Police officers	3,439	3,430	3,407	3,355	3,302	3,210	3,039
Police staff	2,080	2,208	2,289	2,206	1,871	1,830	1,667
All crime ex F&F	151,732	158,473	142,544	135,707	123,769	117,099	113,247
Charges ex F&F	17,759	17,876	17,006	17,248	17,389	19,682	20,127
Crimes/officer	44	46	42	40	37	36	37
National Avg	40	40	37	34	32	31	31
Charges/officer	5.2	5.2	5.0	5.1	5.3	6.1	6.6
National Avg	5.6	5.3	5.2	5.2	5.0	5.2	5.3
% crime victim-based				88.4%	86.9%	85.4%	84.6%
National Avg				88.1%	87.7%	87.5%	87.6%



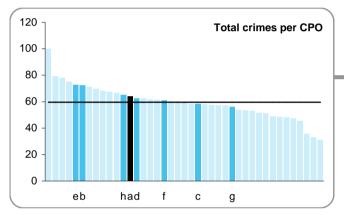
Source: ADR 502 March 2012 and Home Office Crime 08/09

COMMUNITY POLICE OFFICERS AND CRIME

March 2012 workforce, 2011/12 crime

These charts show numbers of police officers allocated to community duties in relation to the amount of crime in the force. While police officers are not just dealing with crime, the numbers of crimes per police officer allocated to CPO (Community police officers - see Workforce Summary) gives some indication of how busy these officers are compared to their peer group of forces.

Detail on crime can be found in section two.



1		е	b	h	da	f	g	С
	10]							Non victim based
ı	8 - 7 -	П						
П	6 - 5 -	П					ī	IIIIIIIII
	4 -						П	
	3 -							
	2 -	П			П			
	1 -							

h

d

g

Victim based offences

Communi	ty police officers	1,768
Total polic	ce officers	3,039

Crime	N	per CPO	Avg	per all PO's	Avg
Victim based	97,422	55	53	32	28
Non victim based	15,825	9	6	5	3
Total exc fraud	113,247	64	60	37	31

Source: ADR 601 March 2012

Source: Home Office Crime Statistics 2011/12

a fe b

100

50 40 30

20

10

Force breakdown against group average - staff POA 12/13 ESTIMATES

	Budgeted	staff		Staff per h	ead		Group av	erage/		Diff from gr	oup		% of total	
	FTE			FTE / 1,00	0 рор		FTE / 1,0	00 pop		FTE			PO+PS	
	РО	PS	Total	РО	PS	Total	РО	PS	Total	PO	PS	Total	Force	Group
Neighbourhood	281	376	657	0.17	0.23	0.41	0.33	0.22	0.55	-254	18	-237	13%	17%
Incident response	1,166	0	1,166	0.72	0.00	0.72	0.55	0.00	0.55	268	0	268	23%	17%
Local investigation	370	34	404	0.23	0.02	0.25	0.23	0.02	0.26	-11	-1	-12	8%	8%
Other	73	63	136	0.04	0.04	0.08	0.06	0.04	0.10	-31	-2	-33	3%	3%
Local policing	1,890	473	2,363	1.16	0.29	1.46	1.18	0.28	1.46	-29	15	-14	48%	46%
Dealing with the public	50	467	517	0.03	0.29	0.32	0.04	0.26	0.30	-7	37	30	10%	9%
Road policing	127	10	137	0.08	0.01	0.08	0.08	0.02	0.10	-5	-26	-30	3%	3%
Specialist operations	244	14	258	0.15	0.01	0.16	0.13	0.01	0.14	41	-5	36	5%	4%
Intelligence	129	84	213	0.08	0.05	0.13	0.08	0.06	0.14	3	-18	-15	4%	4%
Investigations	272	114	386	0.17	0.07	0.24	0.18	0.08	0.26	-22	-14	-36	8%	8%
Investigative support	3	140	143	0.00	0.09	0.09	0.01	0.07	0.07	-7	30	23	3%	2%
Custody	109	77	186	0.07	0.05	0.11	0.04	0.05	0.09	38	-4	34	4%	3%
Other	44	306	350	0.03	0.19	0.22	0.02	0.16	0.18	18	46	64	7%	6%
Criminal justice	153	383	536	0.09	0.24	0.33	0.06	0.21	0.27	56	42	98	11%	8%
ICT	0	1	1	0.00	0.00	0.00	0.00	0.06	0.06	-1	-91	-91	0%	2%
Human resources	0	32	32	0.00	0.02	0.02	0.00	0.04	0.05	-1	-41	-42	1%	1%
Training	81	6	87	0.05	0.00	0.05	0.04	0.02	0.06	16	-31	-15	2%	2%
Other	35	246	281	0.02	0.15	0.17	0.03	0.23	0.26	-8	-130	-138	6%	8%
Support functions	116	284	400	0.07	0.18	0.25	0.07	0.36	0.42	7	-293	-286	8%	13%

Source: POA estimates 2012/13

0

0

96

2,984

3,080

12

47

1,981

2,028

0

Police authority

Total exc national

National policing

Total

Central costs

Note that workforce under the heading of 'local investigation' are included within 'local policing' not 'investigation'

12

4,965

143

5,108

0

0.00

0.00

1.84

0.06

1.90

0.01

0.00

1.22

0.03

1.25

0.01

0.00

3.06

0.09

3.15

0.00

0.00

1.81

0.06

1.87

0.01

0.00

1.36

0.03

1.39

0.01

0.00

3.18

0.08

3.26

0

0

38

7

45

-3

0

0

-234

-233

-3

-196

7

-189

0%

0%

100%

0%

0% 100%

Force breakdown against group average - cost POA 12/13 ESTIMATES

Population 1,623k

	Budgeted	Spend per head		Diff from	% c	of total	% F	PO *
	spend £m	Force	Group	group £m	Force	Group	Force	Group
Neighbourhood	25.3	15.6	22.5	-11.1	9%	13%	55%	68%
Incident response	55.5	34.2	27.2	11.3	20%	16%	97%	99%
Local investigation	21.7	13.3	13.1	0.4	8%	8%	92%	82%
Other	8.0	4.9	6.8	-3.1	3%	4%	55%	60%
Local policing	110.5	68.1	69.6	-2.5	39%	41%	83%	84%
Dealing with the public	18.4	11.3	10.6	1.1	7%	6%	14%	18%
Road policing	6.3	3.9	4.7	-1.4	2%	3%	78%	75%
Specialist operations	14.3	8.8	7.5	2.1	5%	4%	90%	81%
Intelligence	10.5	6.5	6.8	-0.6	4%	4%	65%	60%
Investigations	21.2	13.1	13.7	-1.0	8%	8%	73%	76%
Investigative support	7.8	4.8	4.8	-0.1	3%	3%	2%	7%
Custody	11.3	7.0	6.1	1.4	4%	4%	42%	39%
Other	10.6	6.5	5.5	1.6	4%	3%	7%	12%
Criminal justice	21.9	13.5	11.7	2.9	8%	7%	25%	28%
ICT	13.2	8.1	8.2	-0.2	5%	5%	0%	0%
Human resources	4.4	2.7	2.3	0.6	2%	1%	0%	2%
Training	6.7	4.1	3.8	0.5	2%	2%	0%	4%
Other	34.8	21.5	21.6	-0.2	12%	13%	16%	17%
Support functions	59.0	36.4	35.9	0.7	21%	21%	11%	12%
Police authority	1.2	0.7	1.0	-0.4	0%	1%	0%	0%
Central costs	10.6	6.5	4.0	4.1	4%	2%	0%	0%
Total exc national	281.5	173.4	170.3	5.1	100%	100%	52%	54%

National policing

Total

Note that workforce under the heading of 'local investigation' are included within 'local policing' not 'investigation'

4.7

178.1

7.6

289.1

3.4

173.7

2.0

7.1

* PO salaries + overtime as

% of gross expenditure

Source: POA estimates 2012/13

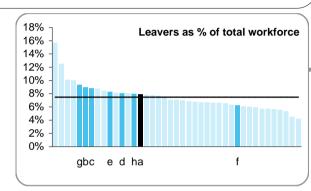
LEAVERS

2011-12

These charts show the percentage of the workforce that left the force between 31st March 2011 and 2012; using 31st March 2011 as the baseline.

Officers are broken down into those who transferred or left the service. Because of the current financial climate, we have costed the salary impact of staff leaving the service. However, PCSOs leaving forces may return as police officers.

NB: The leavers figures are FTE.

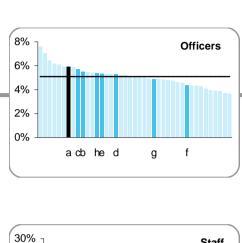


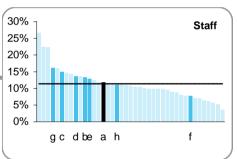
	Strength * L	.eavers	% Force	ce Avg Salary £		
Police officers	3,210					
Exc transf	fers	182	5.7%	4.8%		
Transfers		7	0.2%	0.3%		
Leaving for	orce	189	5.9%	5.1%	9.3	
PCSO	416	28	6.6%	6.4%	0.9	
Police staff	1,830	216	11.8%	11.4%	7.3	
Force total	5,456	433	7.9%	7.5%	17.4	

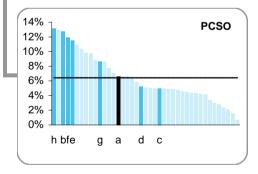
* as at Mar 11

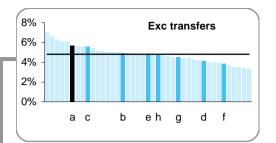
All leavers

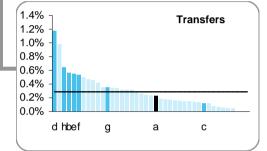
Source: ADR531 (as at 31/03/12) Source: ADR531 (as at 31/09/11) Source: ADR502 (as at 31/03/11)









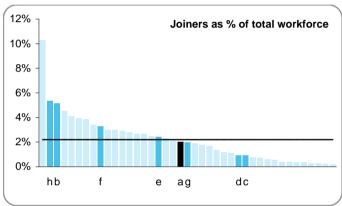


JOINERS

2011-12

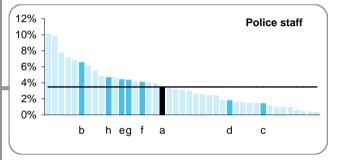
These charts show the percentage of the workforce that joined the force in 2011/12, against a baseline of 2010/11.

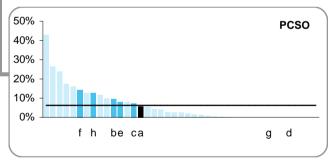
NB: The joiners figures are FTE.



12% - 10% -				Joiner	s as % of total workforce
8% -					
6% -					
4% -	llh.	l			
2% - 0% -					III marriage
0%	hb	f	е	ag	dc

12% 7				Police office	ers
10% -					
8% -					
6% -					
4% -	I				
2% -					
0% ⊥					
	hb	f	aegd		С





	Strength*	Joiners	%	Avg
Police officers	3,210	24	0.7%	1.0%
PCSO	416	24	5.8%	6.2%
Police staff	1,830	63	3.4%	3.5%
Overall	5,456	111	2.0%	2.2%

* as at Mar 11

Source: ADR521 & ADR 502 (as at 31/03/12 and 30/09/2011)

SICKNESS & RECUPERATIVE RESTRICTED

March 2012

These charts show sickness absence broken down into short and medium term (28 days and less) and long term (more than 28 days).

Officers on restricted duties (i.e. officers who, because of a disability or other limiting factor, are unable to undertake the full range of operational duties) and recuperative duties (officers returning to work in a phased way after injury or illness) are included separately.

NB: The gaps towards the left of some charts indicate that data is not available or has not been included: absence above 12% of the workforce and zero absence have been excluded.

	Strength *	FTE	%	Avg
Officer	s 3,039			
	Long term absence	30	1.0%	1.7%
	Sickness absence	45	1.5%	2.1%
PCSO	365			
	Long term absence	6	1.6%	1.7%
	Sickness absence	9	2.4%	2.0%
Staff	1,667			
	Long term absence	20	1.2%	1.7%
	Sickness absence	29	1.7%	2.1%

* as at Mar 12

Long term absence: 2010/11-Q4

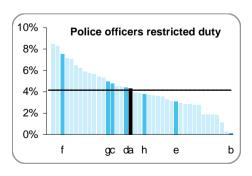
Officers	3,039			
Recuperative		32	1.0%	2.1%
Restricted		139	4.3%	4.2%

Source: ADR 502, 551 and 554 (as at 31/03/12)

ADR 554 figures are headcount not FTE

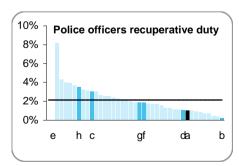
Long-term absence Short and medium term absence 6% Police officers 5% 6% 4% 4% 3% 2% 2% 1% 0% 0% е d b cg ah c g 8% **PCSO** 8% 6% 6% 4% 4% 2% 2% 0% 0% fd a c edb f hag 10% 8% Staff 8% 6% 6% 4%

ah gf c



ф

е



2%

0%

d cf

е

Police officers

f d

ea h b

PCSO

h

Staff

h b

g

a g

e b

Avon & Somerset

4%

2%

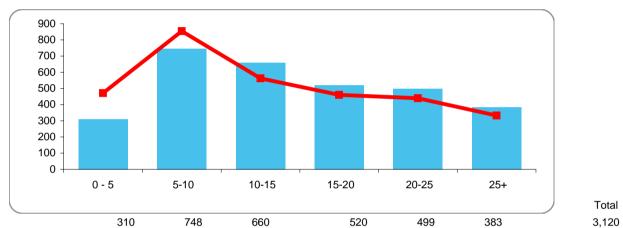
0%

POLICE OFFICERS LENGTH OF SERVICE

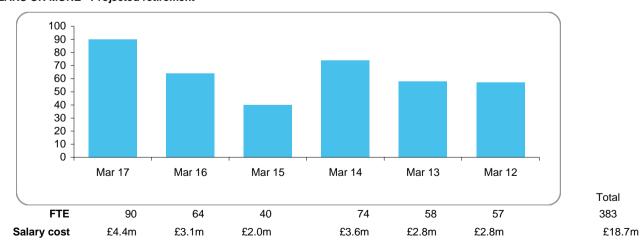
These charts show the number of officers by length of service. A more detailed breakdown of 25-30 years is provided for planning purposes, shown by projected retirement dates. Salary costs are presented using the average cost of a police officer.

ALL OFFICERS

National average



25 YEARS OR MORE - Projected retirement



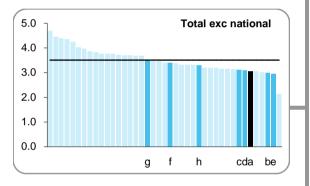
Source: ADR 582 (as at 31/03/12)

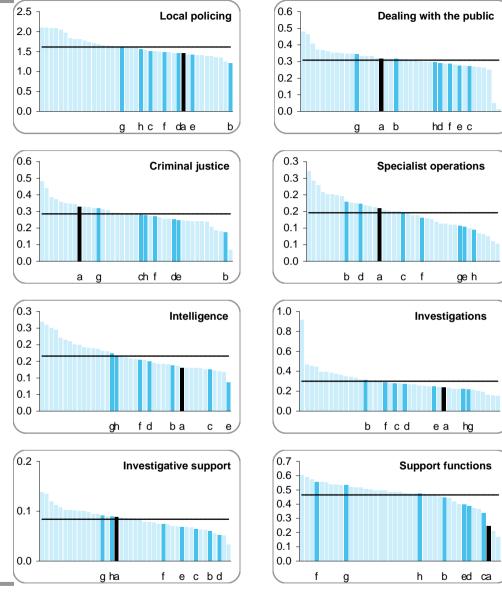
Avon & Somerset

WORKFORCE BY FUNCTION Budgeted FTE 2012/13 per 1,000

These charts show the workforce costs by function in terms of FTE per 1,000 population.

For definitions of the workforce categories, please refer to Appendix 2.



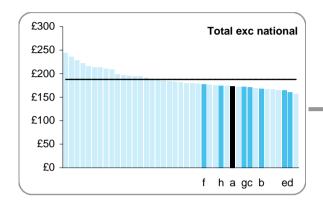


Source: POA estimates 2012/13

NET REVENUE EXPENDITURE BY FUNCTION

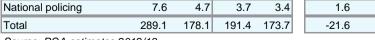
Cost per head of population by function

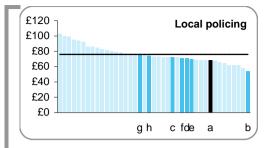
Note that workforce under the heading of 'local investigation' are included within 'local policing' not 'investigation'.

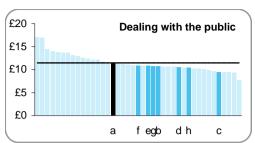


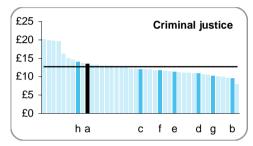
Population	1,623k
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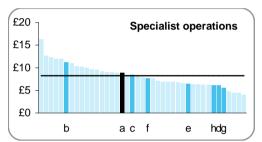
		Averages		Diff :	£т		
	£m	£/head	All	MSG	All	MSG	
Local policing	110.5	68.1	75.9	69.6	-12.8	-2.5	
Dealing with the public	18.4	11.3	11.5	10.6	-0.3	1.1	
Criminal justice	21.9	13.5	12.7	11.7	1.2	2.9	
Road policing	6.3	3.9	5.8	4.7	-3.1	-1.4	<-
Specialist operations	14.3	8.8	8.2	7.5	0.9	2.1	
Intelligence	10.5	6.5	7.6	6.8	-1.8	-0.6	
Investigations	21.2	13.1	15.0	13.7	-3.1	-1.0	
Investigative support	7.8	4.8	5.1	4.8	-0.6	-0.1	
Support functions	59.0	36.4	38.3	35.9	-3.1	0.7	
Police authority	1.2	0.7	1.2	1.0	-0.8	-0.4	
Central costs	10.6	6.5	6.4	4.0	0.2	4.1	
Total exc national	281.5	173.4	187.7	170.3	-23.1	5.1	

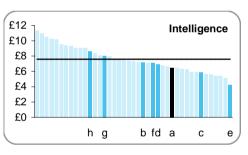


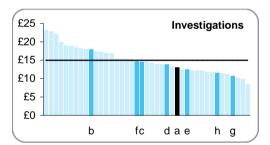


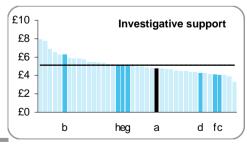


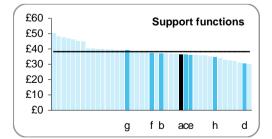










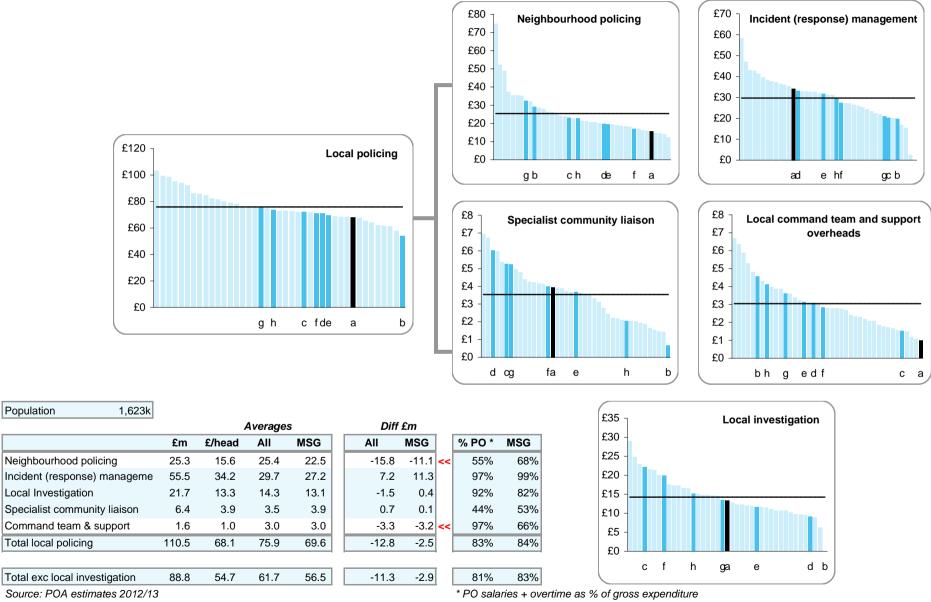


Source: POA estimates 2012/13

2.0

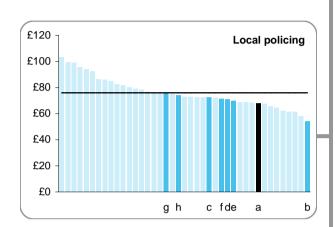
7.1

LOCAL POLICING including local investigation/ prisoner processing Objectives - cost per head of population



LOCAL POLICING

Use of resources



			Averages				
Staffing	FTE F	TE/1000	All	MSG			
Police officers	1,890	1.16	1.28	1.18			
PCSOs	375	0.23	0.25	0.22			
Police staff	99	0.06	0.08	0.07			

Expenditure	£m	£/head	All	MSG
PO salaries	91.3	56.3	62.9	58.3
PO overtime	2.6	1.6	1.8	1.3
PCSOs	11.8	7.2	7.5	6.6
Police staff	3.4	2.1	2.4	2.1
Non-staff costs	3.7	2.3	2.4	2.1
Income	-2.3	-1.4	-1.2	-0.8
Total cost	110.5	68.1	75.9	69.6

Cost/fte		All	MSG
Police officers	£48k	£49k	£49k
PCSOs	£31k	£30k	£31k
Staff	£34k	£29k	£31k

	All	MSG
	-10.8	-3.4
	-0.4	0.5
	-0.5	1.1
	-0.5	0.0
	-0.2	0.3
	-0.3	-0.9
П	-12.8	-2.5

Diff FTE

MSG

-29

25

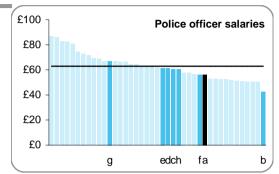
-10

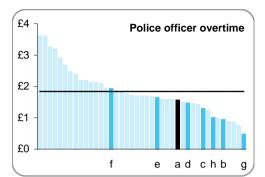
AII

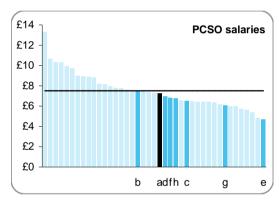
-187

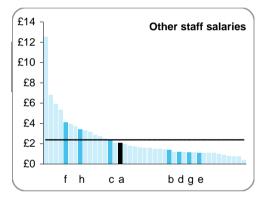
-38 -36

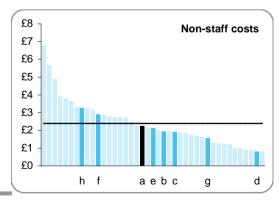
Α	All .	MSG
	-1.6	-1.9
	0.7	0.3
	0.6	0.3

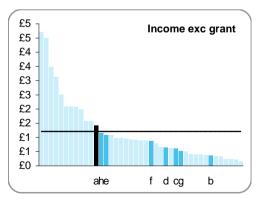






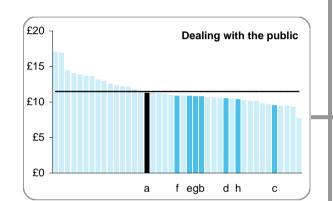


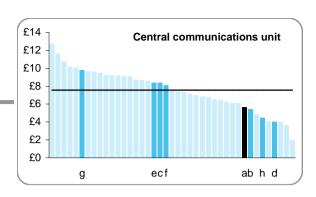


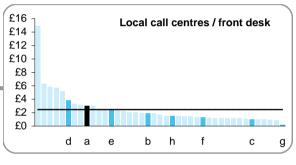


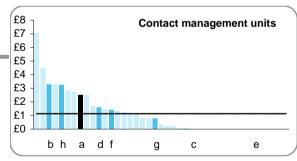
DEALING WITH THE PUBLIC

Objectives - cost per head of population









Population 1,623k

Averages

	£m	£/head	All	MSG
Central communications unit	9.2	5.6	7.6	6.8
Local call centres/front desk	4.9	3.0	2.4	1.9
Contact management units	4.1	2.5	1.1	1.6
Command team & support	0.3	0.2	0.3	0.4
Total dealing with the public	18.4	11.3	11.5	10.6

Source: POA estimates 2012/13

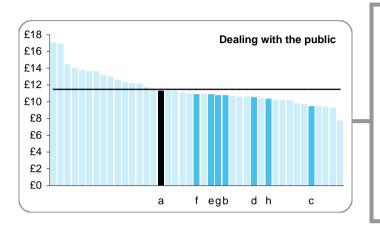
Diff £m

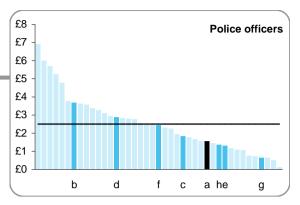
All	MSG
-3.1	-1.8
0.9	1.8
2.2	1.5
-0.3	-0.3
-0.3	1.1

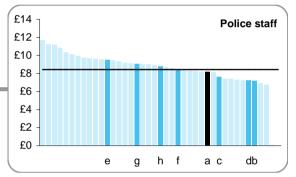
% PO	MSG
16%	21%
17%	5%
0%	25%
100%	71%
14%	18%

DEALING WITH THE PUBLIC

Use of resources







Averages

Staffing	FTE F	TE/1000	All	MSG
Police officers	50	0.03	0.04	0.04
Police Staff	467	0.29	0.26	0.26

DIII FIE			
All	MSG		
-22	-7		
38	37		

Expenditure	£m	£/head	All	MSG
Police officers	2.5	1.6	2.5	2.0
Police staff +PCSO	13.3	8.2	8.4	8.2
Non-staff costs	2.6	1.6	0.6	0.5
Income	-0.1	0.0	-0.1	-0.1
Total cost	18.4	11.3	11.5	10.6

All	MSG
-1.5	-0.6
-0.4	-0.1
1.6	1.8
0.1	0.1
-0.3	1.1

	All	MSG
£50k	£55k	£55k
£28k	£31k	£30k
		£50k £55k

All	MSG
-0.3	-0.2
-1.7	-1.3

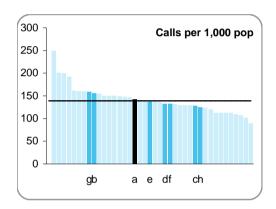
Source: POA estimates 2012/13

999 CALLS

2011/12

Data taken from ADR 441, showing the number of calls per 1,000 population and per staff within central communications units (CCU) and also within CCU + Front Desk combined to account for differences in force structure.

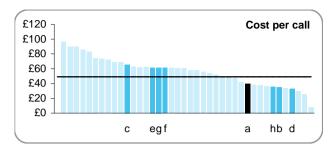
Cost per call is calculated using the same function.

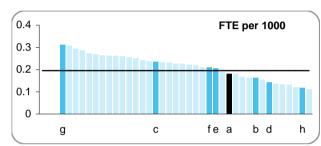


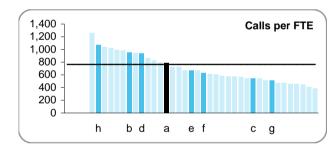
Population	1,623k
Calls received	231,884

Source: ADR 441

Central communications unit only







FTE staff	293
Gross cost	£9.2m

		Avg
FTE/1000 pop	0.18	0.20
Calls per FTE	791	764
Calls per 1000	143	139
Calls per 1000	143	139

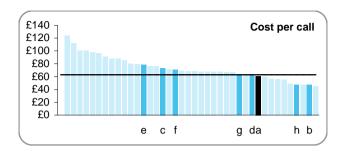
£40

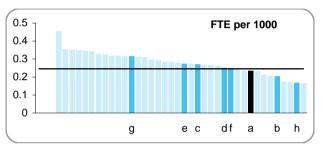
£49

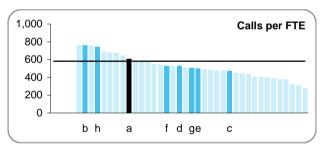
page 34

Cost per call
Source: POA data

CCU + Front Desk







FTE staff	380
Gross cost	£14.1m

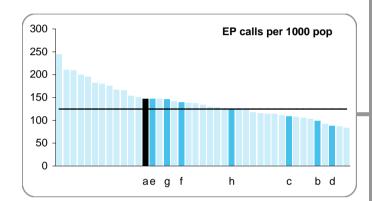
		Avg
FTE/1000 pop	0.23	0.25
Calls per FTE	611	582
Calls per 1000	143	139

Cost per call £61	£63
-------------------	-----

EMERGENCY & PRIORITY (EP) CALLS PER POPULATION

2011-12

Number of emergency (aim to arrive within 15 minutes in urban and 20 minutes in rural areas) and priority (aim to arrive within 60 minutes) graded closing incident codes, showing incidents per population.



							_/
	50]					Crime	es
	40 -						
_	30 -	li.					
	20 -	 +					-
	10 -	Ш	ш		Н		П
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l		h	afg	е	b	С	d

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ASB

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80

70

60

50

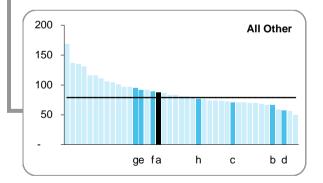
40

30 20 10

Population 1,623k

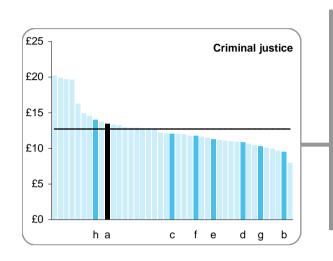
Calls

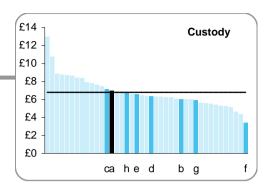
	Calls	Calls/1000	MSG Avg
ASB	53,192	33	23
Crimes	44,104	27	23
All Other	141,638	87	79
EP Total	238,934	147	125

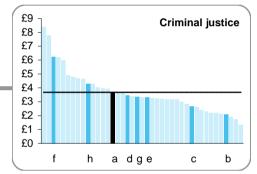


CRIMINAL JUSTICE ARRANGEMENTS









Population 1,623k

£/head

7.0

3.7

1.4

0.4

0.4

0.1

0.1

0.3

13.5

£m

11.3

6.0

2.3

0.6

0.7

0.2

0.2

0.5

21.9

Diff	£m

Dill	2111		
All	MSG	% PO	MSG
0.3	1.4	42%	39%
0.1	0.1	6%	16%
1.0	0.9	0%	1%
0.0	0.2	0%	0%
0.2	0.3	0%	0%
-0.1	0.0	0%	0%
-0.1	0.2	0%	9%
-0.1	0.0	72%	38%
1.2	2.9	25%	28%

Total criminal justice arrangements Source: POA estimates 2012/13

12.7 * Appendix 3 lists the forces that outsource custody

Averages

MSG

6.1

3.7

0.9

0.3

0.2

0.2

0.0

0.3

11.7

ΑII

6.8

3.7

8.0

0.4

0.3

0.2

0.2

0.3

Note: Custody above includes

Command team & support

Custody *

Criminal justice

Police national computer

Criminal records bureau

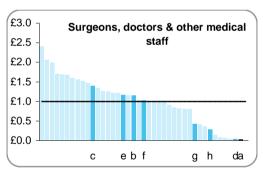
Property officer / stores

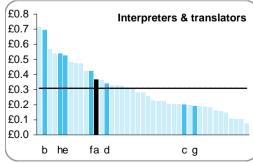
Coroner assistance

Fixed penalty scheme

Surgeons, doctors & other medical	0.1	0.03	1.00	0.69	-1.6	-1.1
Interpreters & translators	0.6	0.37	0.31	0.41	0.1	-0.1

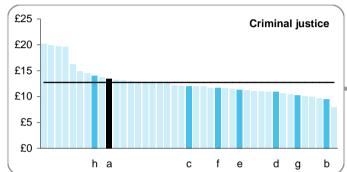
Source: CIPFA Police Estimates Statistics 2012-13, as POA data was incomplete within these objectives.





CRIMINAL JUSTICE ARRANGEMENTS

Use of resources



	£
	£
ustice	£
	£
H	£
	£
	، ا

Diff FTE

44

28

-0.7 2.9

-1.7 0.7

1.2

-3.1

2.0

Diff £m ΑII

Diff £m All

MSG

56

42

MSG 0.0

> 2.9 -0.5

0.6

2.9

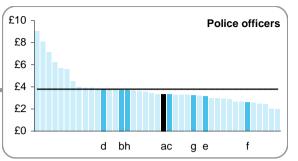
MSG

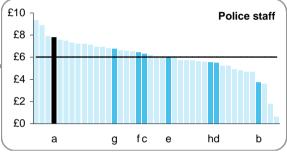
-3.1

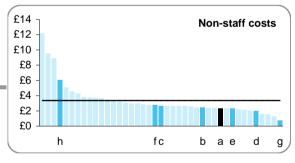
1.6

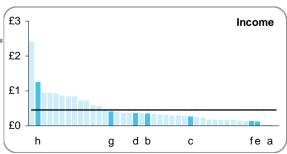
page 37

AII









			Aver	ages
Staffing	FTE F	TE/1000	All	MSG
Police officers	153	0.09	0.07	0.06
Police Staff	383	0.24	0.22	0.21

Expenditure	£m	£/head	All	MSG
Police officers	5.5	3.4	3.8	3.4
Police staff +PCSO	12.6	7.8	6.0	6.0
Non-staff costs	3.8	2.3	3.4	2.7
Income	0.0	0.0	-0.5	-0.4
Total cost	21.9	13.5	12.7	11.7

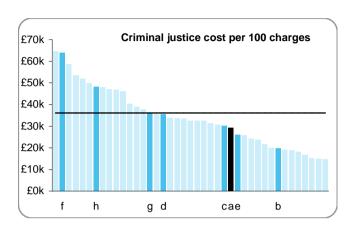
Cost/FTE		All	MSG
Police officers	£35k	£55k	£55k
Police Staff	£33k	£27k	£28k

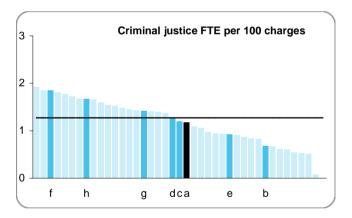
£3 -]				Income	
£2 -						
£1 -						
£0 -						
	h	а	d b	С	fe a	

CRIMINAL JUSTICE

Staffing and cost compared to charges

These charts show the NRE cost of criminal justice (as opposed to criminal justice arrangements) per 100 charges.
FTE within the criminal justice function is then shown per 100 charges.
Crimes stated are those recorded on Crimesec3





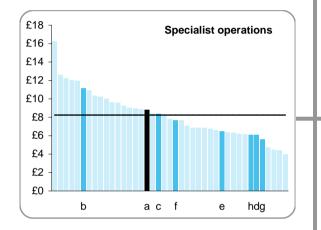
Charges 20,606

		per 100 charges	Group
Criminal justice FTE	241	1.2	1.3
Criminal justice cost	£6.0m	£29k	£36k

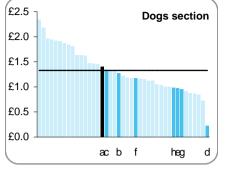
	Diff
Г	-20
	-£1.4m

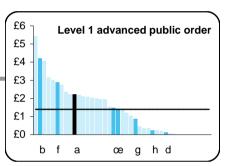
SPECIALIST OPERATIONS

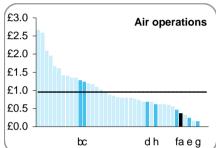
Objectives - cost per head of population



£7 £6 £5 £4 £3 £2 £1 £0 b cda h fe g







Population 1,623k

		Avera	ges
£m	£/head	All	MSG
5.2	3.2	3.0	2.8
2.3	1.4	1.3	1.0
3.6	2.2	1.4	1.7
0.6	0.4	1.0	0.6
0.8	0.5	0.7	0.5
0.5	0.3	0.1	0.2
0.7	0.5	0.2	0.1
0.4	0.2	0.0	0.0
0.3	0.2	0.6	0.6
14.3	8.8	8.2	7.5
	5.2 2.3 3.6 0.6 0.8 0.5 0.7 0.4 0.3	5.2 3.2 2.3 1.4 3.6 2.2 0.6 0.4 0.8 0.5 0.5 0.3 0.7 0.5 0.4 0.2 0.3 0.2	£m £/head All 5.2 3.2 3.0 2.3 1.4 1.3 3.6 2.2 1.4 0.6 0.4 1.0 0.8 0.5 0.7 0.5 0.3 0.1 0.7 0.5 0.2 0.4 0.2 0.0 0.3 0.2 0.6

Diff £m

All	MSG
0.4	0.7
0.1	0.6
1.3	0.9
-1.0	-0.4
-0.3	0.0
0.3	0.1
0.5	0.6
0.3	0.3
-0.7	-0.7
0.9	2.1

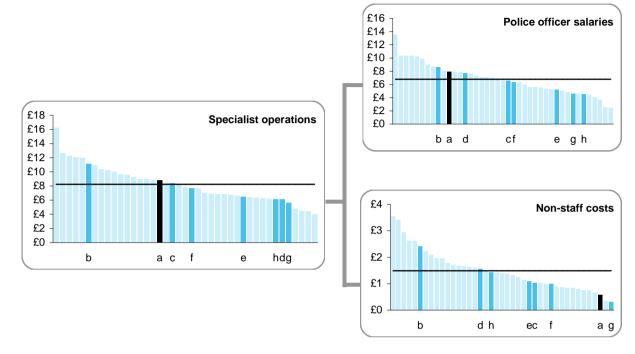
% PO MSG 93% 100% 89% 96% 91% 95% 0% 26% 61% 76% 91% 67% 27% 74% 100% 22% 74% 72% 81% 90%

£1.6 - £1.4 -	Central operations command team & support overheads
£1.2 -	
£1.0 -	
£0.8 -	HIIIIn.
£0.6	
£0.4 -	Harris III II I
£0.2 -	
£0.0]	
	d gh e b acf

Staffing	FTE
Firearms unit	103
Dogs section	44
Lev 1 adv public order	65

SPECIALIST OPERATIONS

Use of resources



Averag	es

Staffing	FTE	FTE/1000	All	MSG
Police officers	244	0.15	0.13	0.13
Police Staff	14	0.01	0.01	0.01

Diff	-	I	E
		_	_

All	MSG
31	41
-10	-4

Diff £m

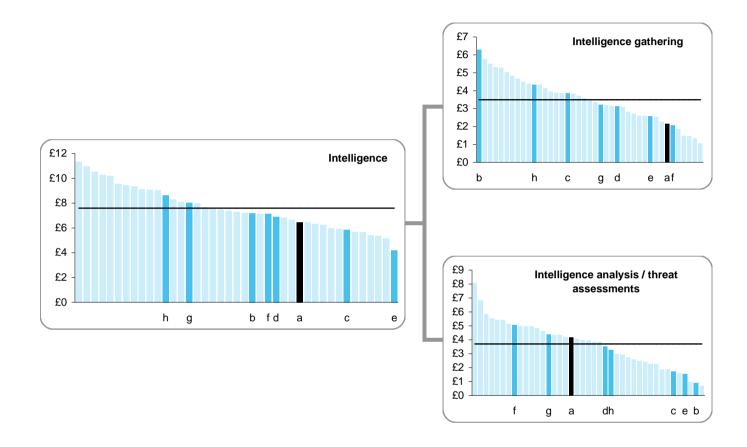
Expenditure	£m	£/head	All	MSG
PO salaries	12.9	8.0	6.8	6.4
PO overtime	0.6	0.4	0.3	0.3
Police staff	0.5	0.3	0.5	0.4
Non-staff costs	0.9	0.6	1.5	1.2
Income	-0.7	-0.4	-0.8	-0.8
Total cost	14.3	8.8	8.2	7.5

All	MSG		
1.9	2.5		
0.1	0.1		
-0.3	-0.2		
-1.5	-1.0		
0.7	0.7		
0.9	2.1		

Diff £m

Cost/fte		All	MSG
Police officers	£53k	£52k	£51k
Police staff	£33k	£32k	£35k

All	MSG
0.3	0.4
0.0	0.0



			Aver	ayes
	£m	£/head	All	MSG
Intelligence gathering	3.5	2.1	3.5	3.5
Intelligence analysis/threat assessments	6.7	4.2	3.7	3.1
Command team & support	0.3	0.2	0.4	0.3
Total intelligence	10.5	6.5	7.6	6.8

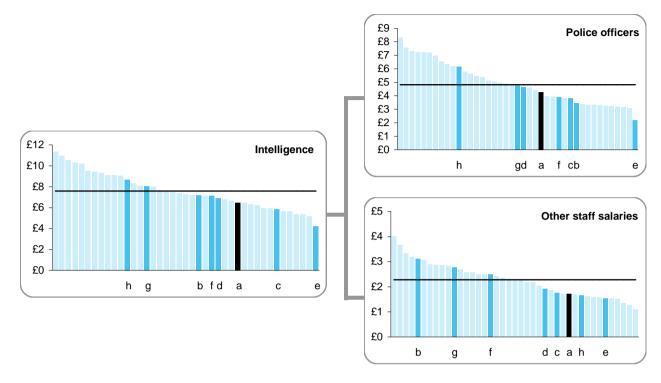
All	MSG
-2.2	-2.1
0.7	1.8
-0.4	-0.2
-1.8	-0.6

Diff £m

% PO	MSG
62%	67%
66%	51%
67%	42%
65%	60%

INTELLIGENCE

Use of resources



Λ	VΑ	ra	~~	

			Averages			
Staffing	FTE	FTE/1000	All	MSG		
Police officers	129	0.08	0.09	0.08		
Police staff	84	0.05	0.07	0.06		

Diff FTE

All	MSG
-19	3
-38	-18

Diff £m

Expenditure	£m	£/head	All	MSG
Police officers	7.0	4.3	4.9	4.1
Police staff	2.8	1.7	2.3	2.1
Non-staff costs	1.0	0.6	0.7	0.6
Income	-0.3	-0.2	-0.3	0.0
Total cost	10.5	6.5	7.6	6.8

All	MSG
-1.0	0.2
-0.9	-0.7
-0.1	0.1
0.2	-0.2
-1.8	-0.6

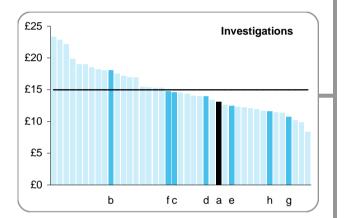
Diff £m

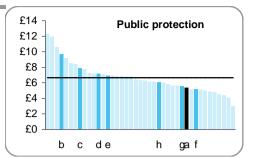
Cost/fte		All	MSG
Police officers	£52k	£53k	£52k
Police staff	£33k	£30k	£33k

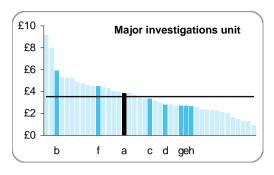
	~~~
All	MSG
0.0	0.0
0.2	0.0

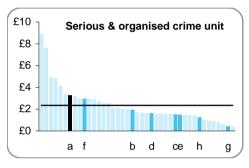
**INVESTIGATIONS** exc local investigation/prisoner processing

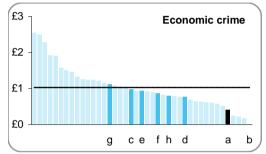
Objectives – cost per head of population

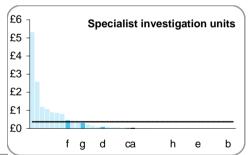


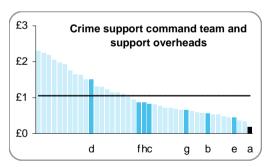












Population	1,623k
i opulation	1,02

			Ave	erages
	£m	£/head	All	MSG
Public protection	8.7	5.35	6.66	6.71
Major investigations unit	6.2	3.84	3.55	3.55
Serious/organised crime unit	5.3	3.27	2.35	1.81
Economic crime	0.6	0.40	1.03	0.73
Specialist investigation units	0.0	0.02	0.37	0.11
Command team & support	0.3	0.19	1.05	0.74
Total	21.2	13.06	15.00	13.65
0 004 11 1 0010110				

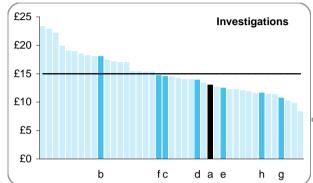
Diff £m

All	MSG
-2.1	-2.2
0.5	0.5
1.5	2.4
-1.0	-0.5
-0.6	-0.1
-1.4	-0.9
-3.1	-1.0

% PO	MSG
92%	82%
53%	62%
70%	75%
64%	57%
0%	16%
59%	67%
73%	76%

# **INVESTIGATIONS**

#### Use of resources



							cont	jatic	7113		L
£20	) -										
£15	5 -	 								_	
£10	) -				Ш				h		
£5	5 -				Ш	П			ı		-
£0	) -										
			b	fc	d	ае		h	g		

#### Diff FTE

	Averages				
Staffing	FTE F	TE/1000	All	MSG	Α
Police officers	272	0.17	0.23	0.18	
Police staff	114	0.07	0.07	0.08	

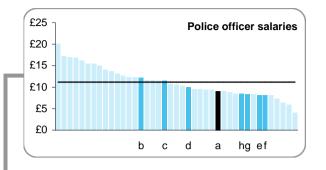
MSG
-22
-14

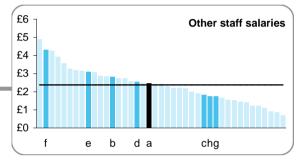
#### Diff £m

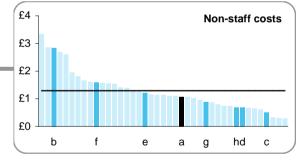
Expenditure	£m	£/head	All	MSG	All	MSG
PO salaries	14.8	9.1	11.2	9.5	-3.4	-0.6
PO overtime	1.0	0.6	0.6	0.6	0.0	0.1
Police staff	4.0	2.5	2.4	2.6	0.2	-0.2
Non-staff costs	1.7	1.1	1.3	1.2	-0.3	-0.2
Income	-0.4	-0.2	-0.5	-0.2	0.4	-0.1
Total cost	21.2	13.1	15.0	13.7	-3.1	-1.0

#### Diff £m

Cost/FTE		All	MSG	All	MSG
Police officers	£54k	£50k	£53k	1.3	0.5
Police staff	£33k	£31k	£32k	0.3	0.2

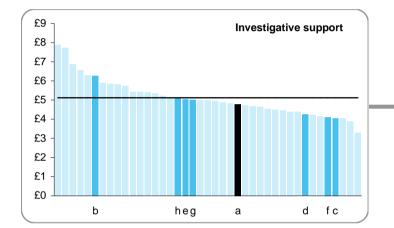


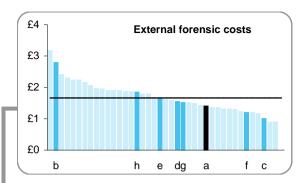


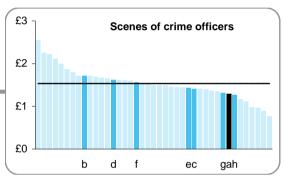


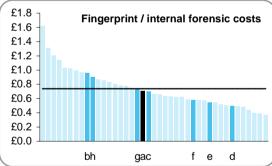
#### **INVESTIGATIVE SUPPORT**

Objectives - cost per head of population









Population 1,623k

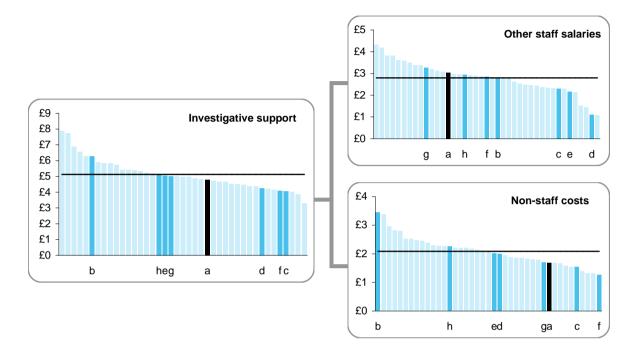
			Avera	ages
	£m	£/head	All	MSG
External forensic costs	2.3	1.42	1.67	1.63
Scenes of crime officers	2.1	1.29	1.53	1.45
Fingerprint/DNA bureau	1.1	0.70	0.74	0.70
Photographic image recovery	8.0	0.46	0.28	0.23
Other forensic services	1.3	0.82	0.72	0.59
Command team & support	0.1	0.08	0.18	0.22
Total investigative support	7.8	4.78	5.12	4.83
Source: POA actimates 2012/13				

	Diff £m			
	All	MSG		
	-0.4	-0.3		
	-0.4	-0.3		
	-0.1	0.0		
	0.3	0.4		
	0.2	0.4		
	-0.2	-0.2		
	-0.6	-0.1		
-				

0/ DO	MCC
% PO	MSG
0%	0%
0%	15%
0%	0%
0%	0%
12%	24%
0%	7%
2%	7%

# **INVESTIGATIVE SUPPORT**

#### Use of resources



Diff FTE

Staffing	FTE FTE/1000		All	MSG
Police officers	3	0.00	0.01	0.01
Police staff	140	0.09	0.08	0.07

All	MSG
-5	-7
12	30

#### Diff £m

Expenditure	£m	£/head	Avg	MSG
PO salaries	0.2	0.1	0.3	0.3
Police staff	4.9	3.0	2.8	2.6
Non-staff costs	2.7	1.7	2.1	2.0
Income	-0.1	-0.1	0.0	0.0
Total cost	7.8	4.8	5.1	4.8

All	MSG
-0.3	-0.4
0.4	0.8
-0.6	-0.5
0.0	0.0
-0.6	-0.1

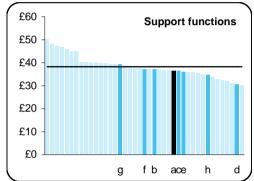
#### Diff £m

Cost/fte		Avg	MSG
Police officers £	54k	£53k	£52k
Police staff £	35k	£35k	£37k

. Dili Zili			
All	MSG		
0.0	0.0		
0.0	-0.3		

# SUPPORT FUNCTIONS

# Objectives - cost per head of population

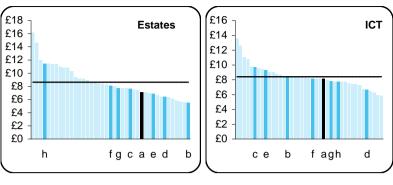


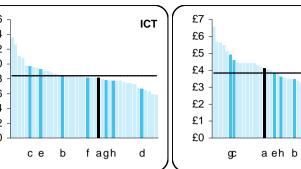
Population 1,623

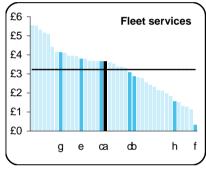
			Aver	ages		iff £m
	£m	£/head	All	MSG	All	MSG
Estates/building costs	11.5	7.1	8.6	7.6	-2.5	-0.8
ICT	13.2	8.1	8.4	8.2	-0.5	-0.2
Training	6.7	4.1	3.8	3.8	0.5	0.5
Fleet services	5.9	3.6	3.2	2.9	0.7	1.2
Administration support	5.1	3.1	2.5	2.8	1.0	0.4
Human resources	4.4	2.7	2.3	2.3	0.6	0.6
Finance	1.6	1.0	1.3	1.1	-0.6	-0.2
Performance review	2.6	1.6	2.4	2.4	-1.4	-1.2
Professional standards	1.4	0.8	1.3	1.2	-0.8	-0.7
All other	6.8	4.2	4.2	3.5	0.0	1.0
Total	59.0	36.4	38.3	35.9	-3.1	0.7

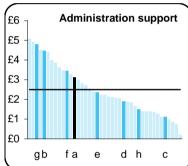
Source: POA estimates 2012/13

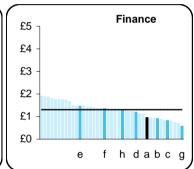
HMIC





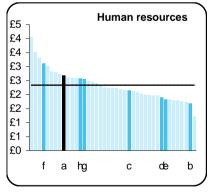


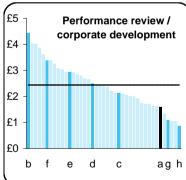


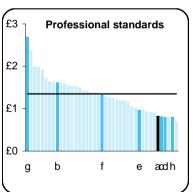


Training

f d

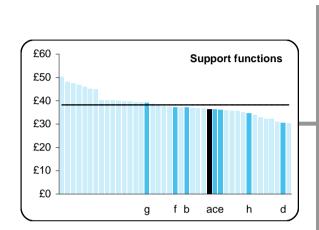






# SUPPORT FUNCTIONS

#### Use of resources



Diff FTE

-3

-352

ΑII

-0.7 0.9

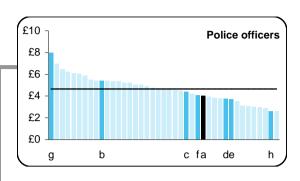
ΑII

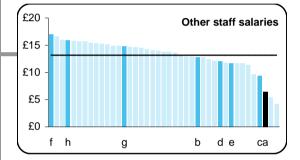
MSG

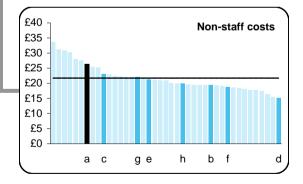
-293

MSG -0.7

0.5







			Ave	erages
affing	FTE	FTE/1000	All	MSC

				J
Staffing	FTE	FTE/1000	All	MSG
Police officers	116	0.07	0.07	0.07
Police staff	284	0.18	0.39	0.36

					Diff	£m
Expenditure	£m	£/head	All	MSG	All	MSG
Police officers	6.5	4.0	4.7	4.5	-1.0	-0.8
Police staff	10.5	6.5	13.2	12.5	-10.9	-9.8
Non-staff costs	42.9	26.4	21.7	20.7	7.7	9.3
Income	-0.9	-0.5	-1.3	-1.8	1.2	2.0
Total cost	59.0	36.4	38.3	35.9	-3.1	0.7
					Diff	£m

Cost/FTE		All	MSG
Police officers	£56k	£62k	£62k
Police staff	£37k	£33k	£35k

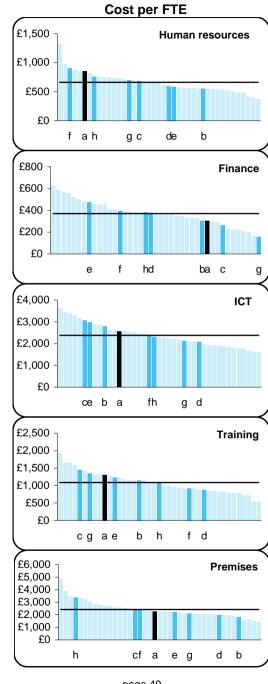
#### SUPPORT FUNCTIONS

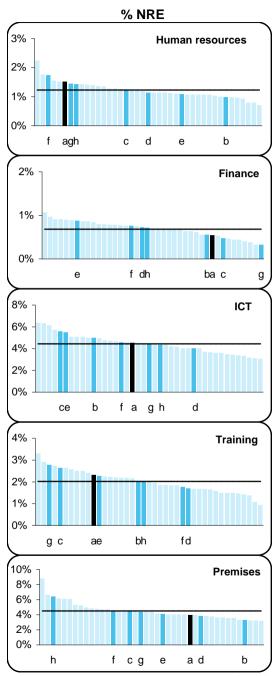
These charts provide a detailed breakdown of support service functions as a cost per FTE and a percentage of total NRE.

Total FTE	5,108
Total NRE	£289m

	Cost £m	per FTE	Avg	Diff £m
Human resources	4.36	£854	£661	1.0
Finance	1.56	£305	£370	-0.3
ICT	13.15	£2,575	£2,385	1.0
Training	6.69	£1,310	£1,087	1.1
Premises	11.55	£2,261	£2,425	-0.8

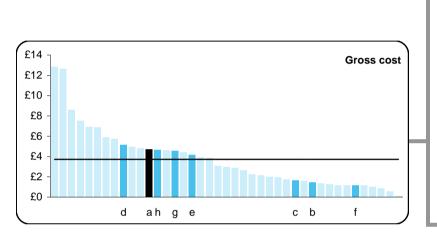
	% NRE	Avg	Diff £m
Human resources	1.5%	1.2%	0.8
Finance	0.5%	0.7%	-0.4
ICT	4.5%	4.4%	0.3
Training	2.3%	2.0%	0.8
Premises	4.0%	4.5%	-1.5



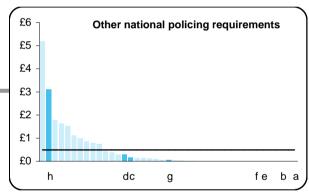


# **NATIONAL POLICING**

# Objectives - cost per head of population



1	£12 -	Counter terrorism / special branch
	£10 -	·
	£8 -	
	£6 -	
	£4 -	Mill Blue
	£2 -	
	£0 -	
		dga e ch bf



% PO	MSG
65%	75%
na	38%
na	15%
100%	67%
na	0%
66%	74%

Population	1,623k
------------	--------

			Averages			Diff £m		
	£m	£/head	All	MSG		All	MSG	
Counter terrorism/special branch	7.6	4.69	3.14	2.88		2.5	2.9	
Other national policing requirements	0.0	0.00	0.49	0.45		-0.8	-0.7	
Hosting national services	0.0	0.00	0.02	0.01		0.0	0.0	
Secondments (out of force)	0.0	0.00	0.00	-0.07		0.0	0.1	
ACPO projects / initiatives	0.0	0.00	0.07	0.16		-0.1	-0.3	
Total	7.6	4.69	3.72	3.43		1.6	2.0	
Specific grants	6.2	3.84	2.91	3.24		1.5	1.0	

0.84

0.81

0.20

1.4

Source: POA estimates 2012/13

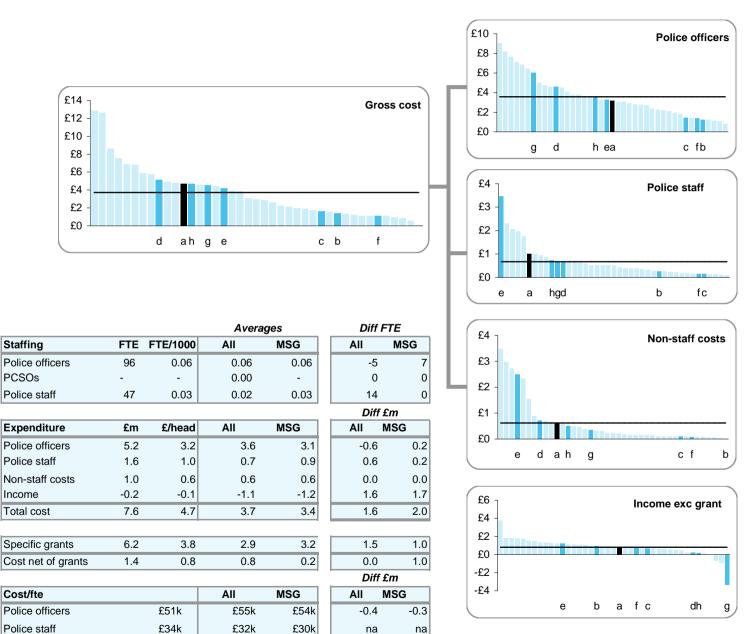
Cost net of grants

1.0

0.0

#### **NATIONAL POLICING**

#### Use of resources



Source: POA estimates 2012/13 HMIC

#### **WORKFORCE MIX**

The table below uses POA data to look at differences in the proportion of workforce that are police staff and PCSOs, compared to the proportion that are officers. For each POA category the percentage of workforce who are staff and PCSOs in your force are compared to levels in other forces.

This comparison is done twice:

- 1) Comparing your force to the median percentage (i.e. 'middle' ratio of staff to officers where 21 forces report a high %staff and or PCSO and 21 forces report a lower %).
- 2) Comparing your force to the upper quartile (the percentage above which only a quarter of forces report higher staff and or PCSO).

Each time, the number of posts this change represents to your force is calculated, along with the cost of this difference (based on the number of posts and the difference between the median cost per office and median cost per police staff/PCSO). These average costs include overtime but exclude agency staff and are calculated separately for each of the chosen POA categories.

Please note, the cost of difference is indicative and not a 'saving' opportunity as it is unlikely that the full differences could be realised in any given case.

The analysis focuses on thirteen POA categories where our analysis found significant costs of difference between forces.

The analysis does not include specials or look at the 'Local Policing' POA category (where most specials are counted and where a different analytical approach would be required).

**Note**: If total staff numbers per population in a particular category are less than a quarter of the national median for that category then the relevant rows in the table are left blank. This is because such low numbers either indicate a problem with the data or that the relevant function may be contracted out (and hence the calculations are not applicable).

	Cı	irrent staff	ing		Difference			Difference from UQ		Difference
	Police	Staff	%Staff/	National	from median	Cost of	National	(no. of	Cost of	in median
	officers	/PCSO	PCSOs	median %	(no. of posts)	difference	UQ %	posts)	difference	pay
Criminal Justice	40	201	83%	93%	22	£667k	97%	33	£1,000k	£30k
Central Communications Unit	23	270	92%	88%	0	£0k	95%	8	£200k	£25k
Intelligence Analysis	89	68	43%	58%	22	£521k	75%	50	£1,155k	£23k
Administration Support	0	25	100%	100%	0	£0k	100%	0	£0k	£37k
Local Call Centres / Front Desk	24	63	72%	100%	24	£607k	100%	24	£607k	£25k
Training	81	47	37%	44%	9	£163k	57%	27	£487k	£18k
Intelligence Gathering	38	13	26%	24%	0	£0k	36%	5	£101k	£20k
Custody	109	77	41%	57%	19	£485k	61%	33	£866k	£26k
Contact Management Units	0	134	100%	95%	0	£0k	100%	0	£0k	£25k
Human Resources	0	32	100%	100%	0	£0k	100%	0	£0k	£24k
Other Forensic Services	3	29	91%	89%	0	£0k	97%	2	£44k	£20k
Scenes of Crime Officers	0	60	100%	100%	0	£0k	100%	0	£0k	£16k
Grand Total	407	1,020			96	£2,443k		182	£4,461k	

Source: POA estimates 2012/13

Total CoD per population £1.5

£2.7

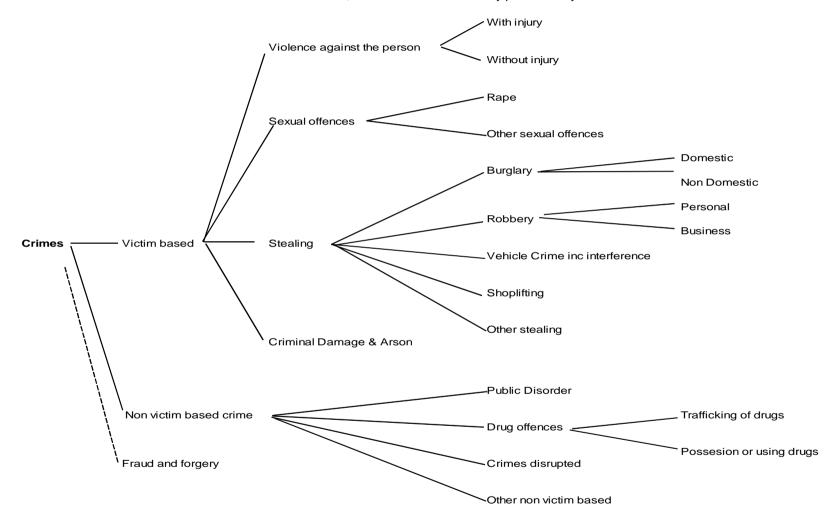
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#### Section Two - Offences & Outcomes

#### INTRODUCTION

This section focuses on criminal offences dealt with by each force and resulting outcomes. Crime and sanction detections are presented in the format developed by HMIC in consultation with stakeholders as displayed below.

The intention is to differentiate between crimes that are victim based, and those that are driven by police activity.



Data is shown as offences per 1,000 population.

Definitions of offences in each category can be found in Appendix 1.

Note that fraud and forgery are generally excluded from all crime as we recognise that the recording in this area is not as robust as other crime categories.

A sanction detection means that a recorded crime has been resolved by the police. The types of outcomes are:

- > Caution police have identified a suspect and issued them with a caution
- > Penalty notice for disorder a fine issued by the police for anti-social behaviour, as well as shoplifting, criminal damage and possession of cannabis
- > Charge summons the suspect has been charged and/or brought to court
- > Taken into consideration (TIC) courts take this offence into consideration when sentencing for other crimes
- > Cannabis warning

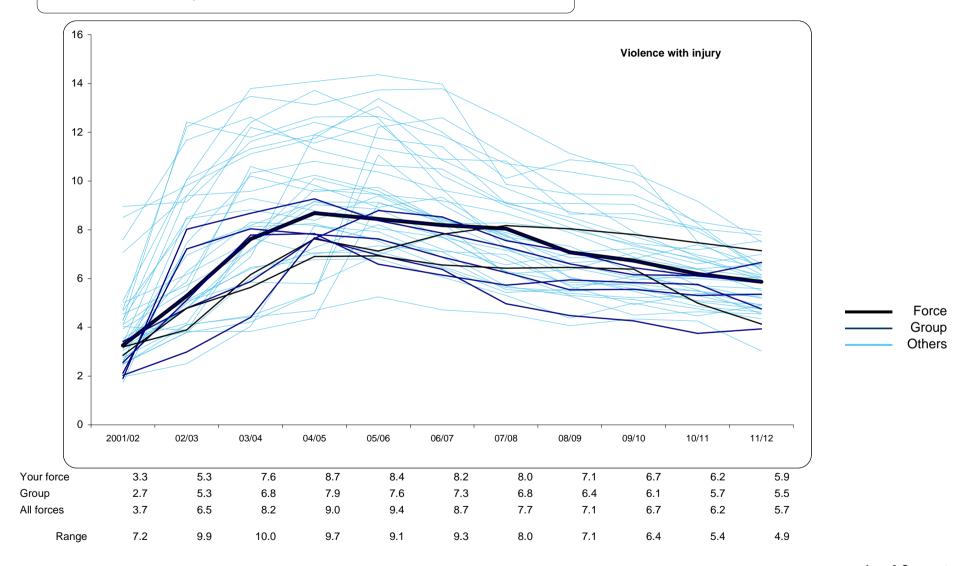
We acknowledge that 24 forces are returning data on community resolutions / restorative justice, and that these will affect sanction detection rates. These forces are listed in Appendix 3.

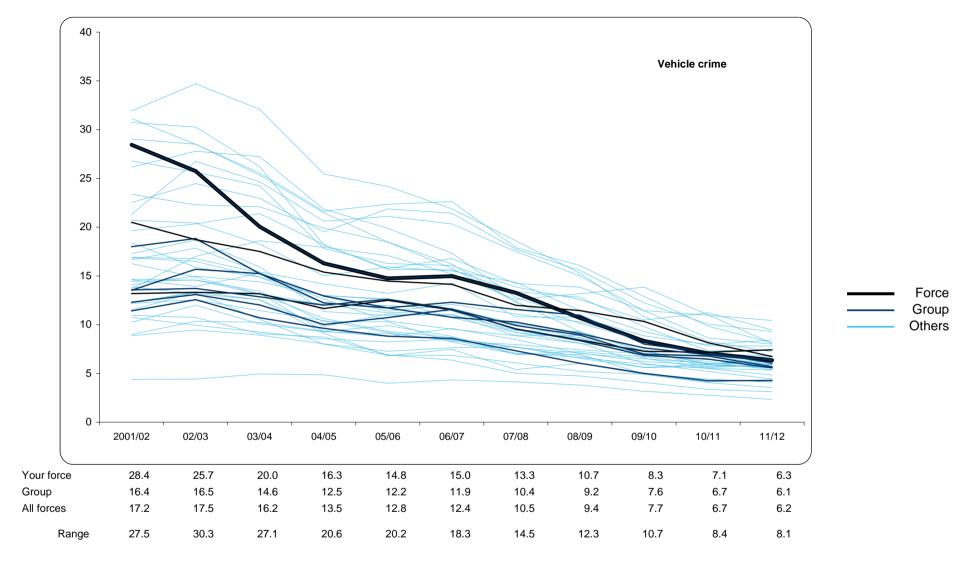
Expected sanction detection volumes are calculated by modelling what force detections would be should the force align to the peer average.

MSG averages are generally used in this section. The averages quoted are simple unweighted averages and not weighted national averages.

Changes over time for crimes and sanction detections are measured against the baseline of 2008/09 due to the introduction of public order offences.

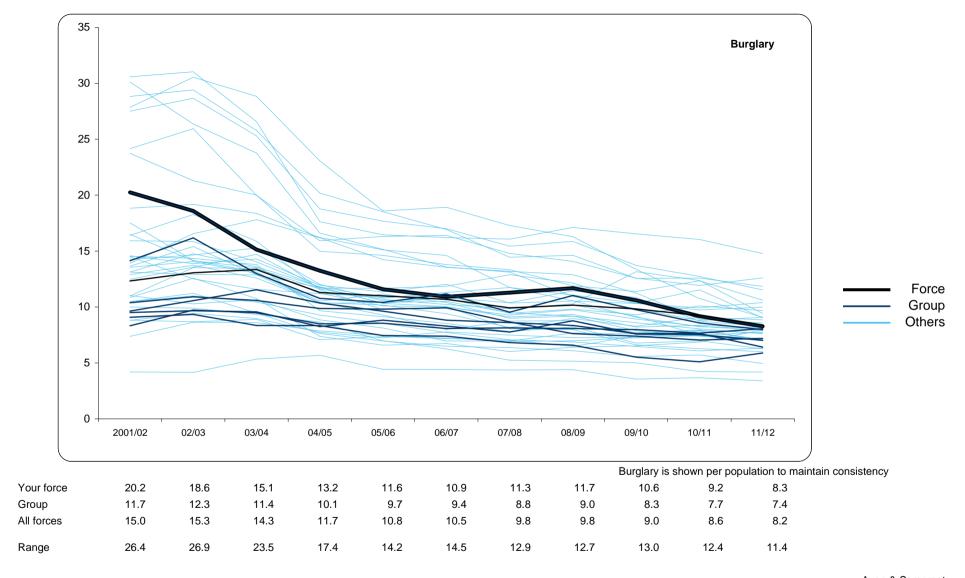
The first three charts show interesting longer term trends across all forces, notably a reduction in variance between the start and end of the period.



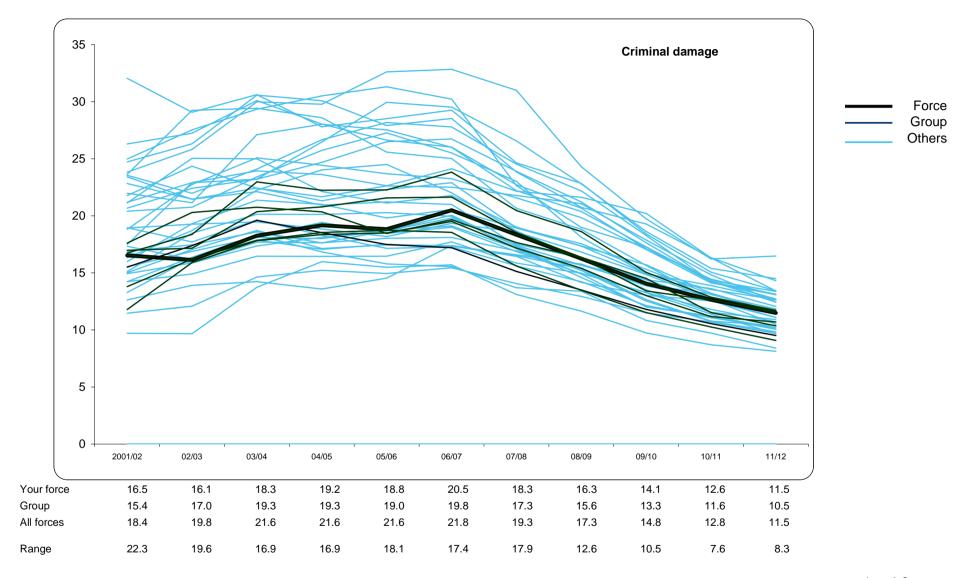


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# Note range = max - min rate

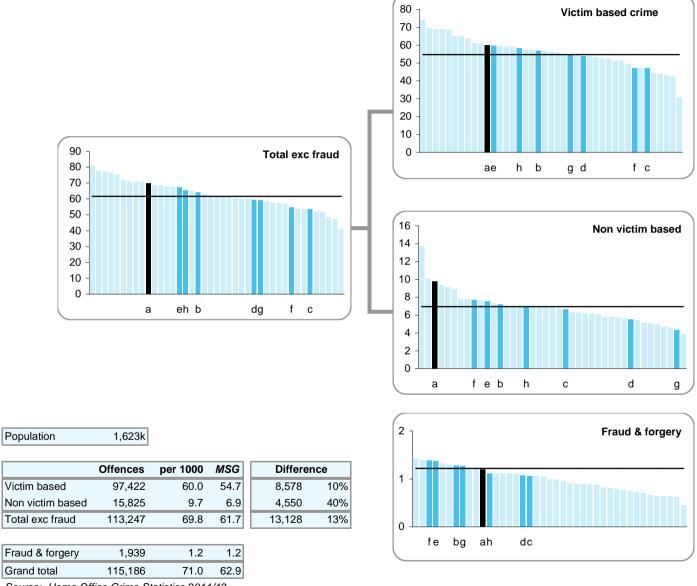


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# **RECORDED OFFENCES - ALL CRIMES** 2011/12 per 1,000 population



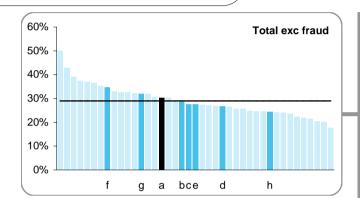
Source: Home Office Crime Statistics 2011/12

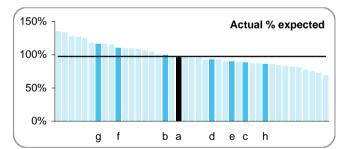
#### **SANCTION DETECTIONS - ALL CRIMES**

The actual % expected figures shows your detection rate as a percentage of the **national** average detection rate. Hence if above 100%, you are achieving more sanction detections than the national average.

As at March 2012, 23 forces submitted data on community resolutions / restorative justice - this will negatively affect sanction detection rates.

Forces reporting these data are listed in Appendix 3.



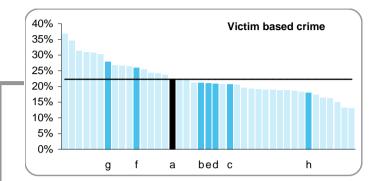


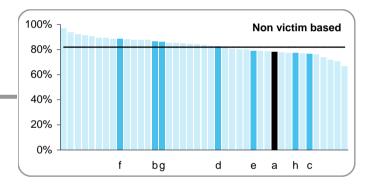
	Offences	SDs	%	MSG	Ехр	Diff
Victim based	97,422	21,947	23%	22%	22,246	-299
Non victim based	15,825	12,397	78%	82%	12,809	-412
Total exc fraud	113,247	34,344	30%	29%	35,055	-711

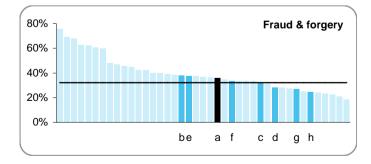
Actual % expected	96%
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Fraud & forgery	1,939	694	36%	32%	624	70
	-,					

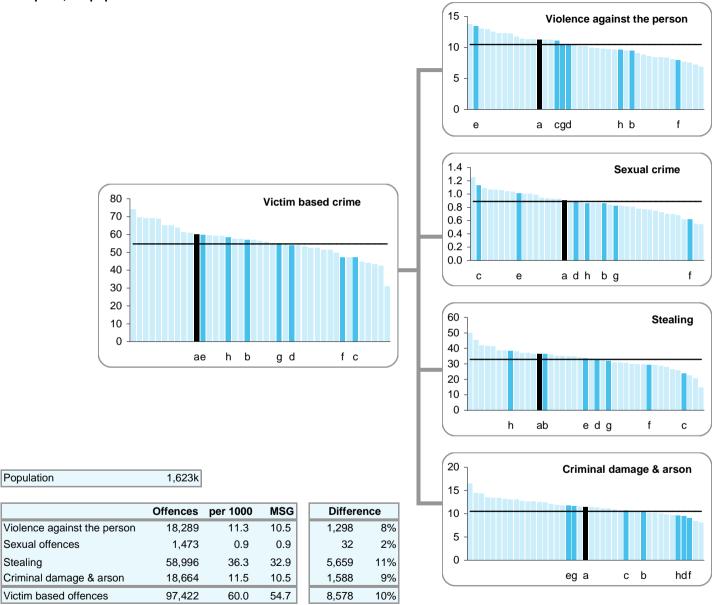
Source: Home Office Crime Statistics 2011/12







# **RECORDED OFFENCES - VICTIM BASED** 2011/12 per 1,000 population

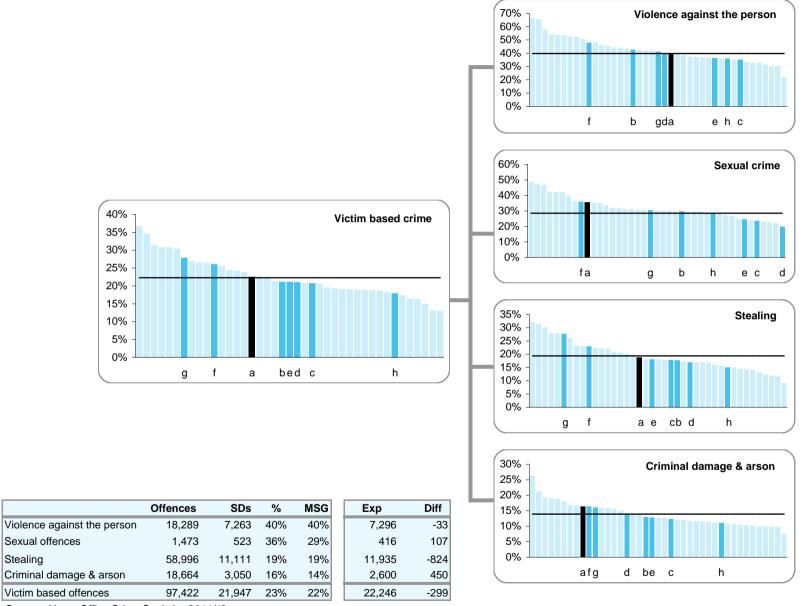


Source: Home Office Crime Statistics 2011/12

Population

Stealing

#### **SANCTION DETECTIONS - VICTIM BASED**

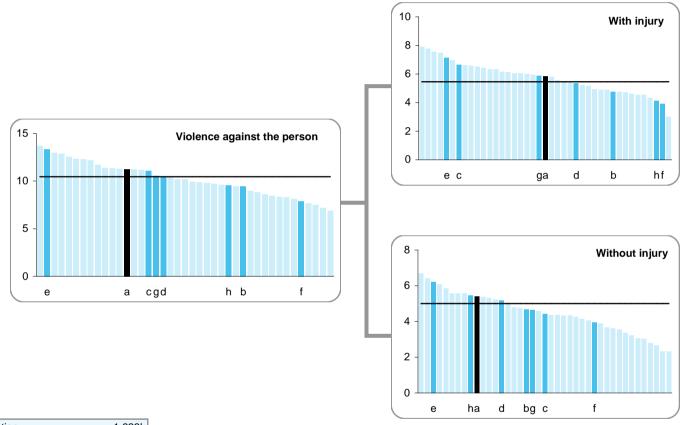


Source: Home Office Crime Statistics 2011/12

Sexual offences

Stealing

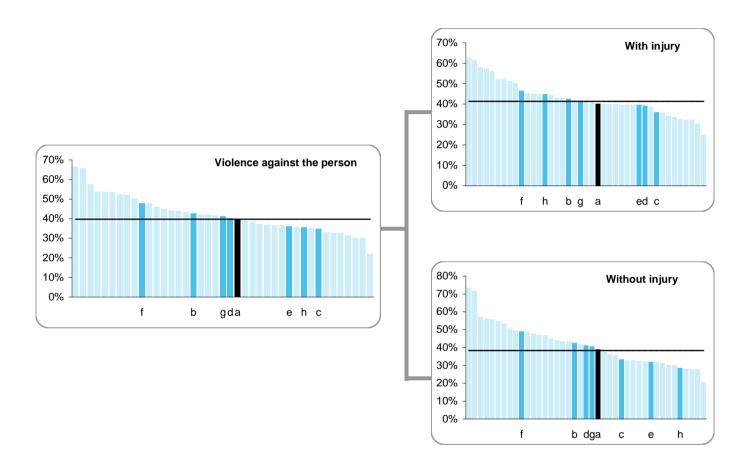
# RECORDED OFFENCES - VIOLENCE AGAINST THE PERSON 2011/12 per 1,000 population



	Offences	per 1000	MSG	Differen	се
With injury	9,522	5.9	5.5	651	7%
Without injury	8,767	5.4	5.0	647	8%
Violence against person	18,289	11.3	10.5	1,298	8%

Source: Home Office Crime Statistics 2011/12

# SANCTION DETECTIONS - VIOLENCE AGAINST THE PERSON



	Offences	SDs	%	MSG	Ехр
With injury	9,522	3,836	40%	41%	3,938
Without injury	8,767	3,427	39%	38%	3,358
Violence against person	18,289	7,263	40%	40%	7,296

Source: Home Office Crime Statistics 2011/12

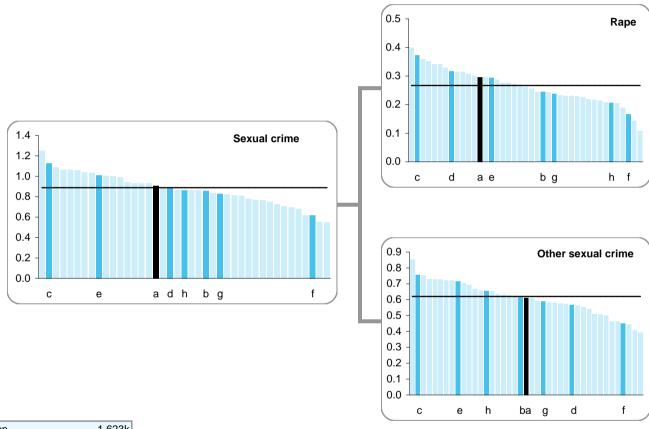
Diff

-102

69

-33

# RECORDED OFFENCES - SEXUAL OFFENCES 2011/12 per 1,000 population

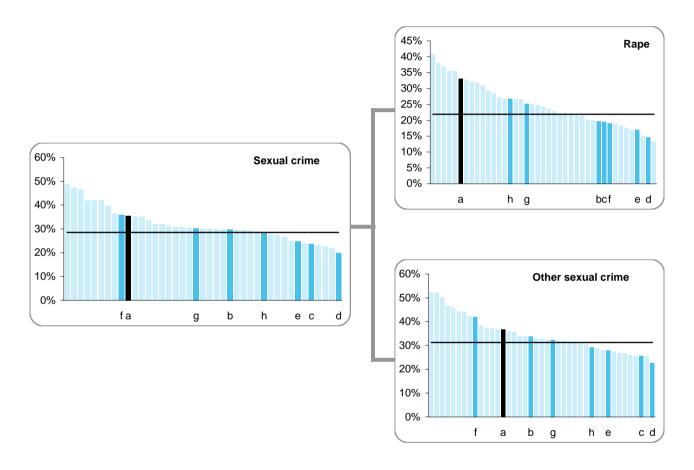


Population	1,623k
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	Offences	per 1000	MSG	Differer	ice
Rape	481	0.30	0.27	48	11%
Other sexual offences	992	0.61	0.62	-15	-2%
Sexual offences	1,473	0.91	0.89	32	2%

Source: Home Office Crime Statistics 2011/12

# **SANCTION DETECTIONS - SEXUAL OFFENCES**



	Offences	SDs	%	Msg
Rape	481	159	33%	22%
Other sexual offences	992	364	37%	31%
Sexual offences	1,473	523	36%	29%

Source: Home Office Crime Statistics 2011/12

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Diff

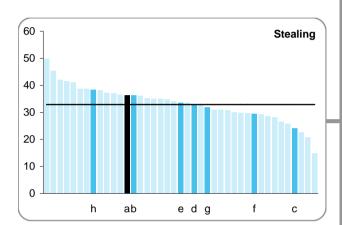
54 53

107

**Exp** 105

311 416

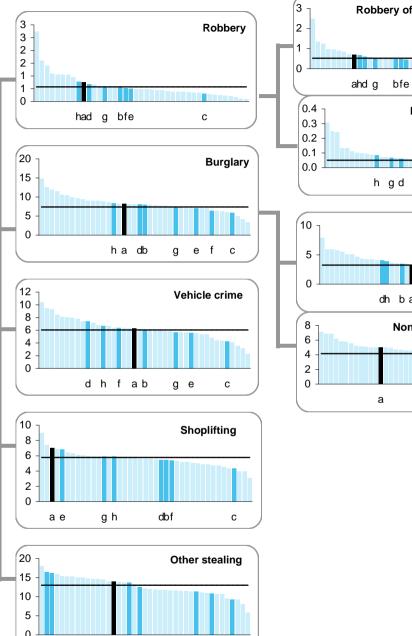
# **RECORDED OFFENCES - STEALING** 2011/12 per 1,000 population



Population 1,623k

	Offences	per 1000	MSG	Differe	ence
Robbery		-			
Personal	1,125	0.7	0.5	278	33%
Business	85	0.1	0.1	3	3%
	1,210	0.7	0.6	280	30%
Burglary					
Domestic	5,292	3.3	3.2	31	1%
Non-domestic	8,154	5.0	4.2	1,406	21%
	13,446	8.3	7.4	1,437	12%
Vehicle crime	10,305	6.3	6.1	467	5%
Shoplifting	11,409	7.0	5.8	2,018	21%
Other stealing	22,626	13.9	13.0	1,458	7%
Stealing	58,996	36.3	32.9	5,659	11%

Source: Home Office Crime Statistics 2011/12



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Avon & Somerset

Robbery of personal property

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**Business robbery** 

e f

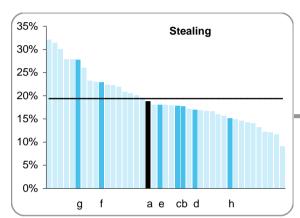
Non-domestic burglary

bheg d

**Domestic burglary** 

ес

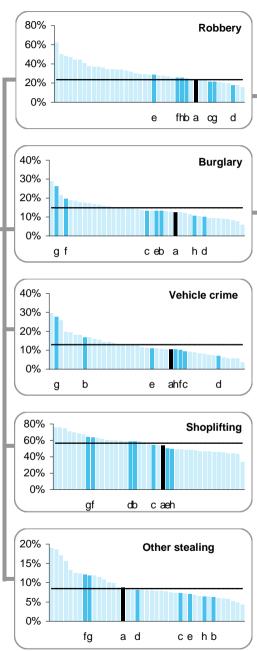
#### **SANCTION DETECTIONS - STEALING**

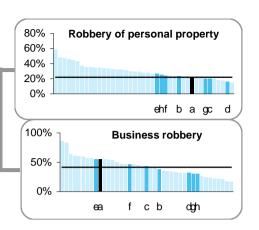


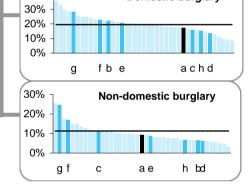
Population 1,623k

	Offences	SDs	%	MSG	Exp	Diff
Robbery						
Personal	1,125	241	21%	22%	248	-7
Business	85	47	55%	41%	35	12
	1,210	288	24%	24%	284	4
Burglary						
Domestic	5,292	913	17%	19%	1,031	-118
Non-domestic	8,154	751	9%	11%	922	-171
	13,446	1,664	12%	15%	1,953	-289
Vehicle crime	10,305	1,086	11%	13%	1,331	-245
Shoplifting	11,409	6,096	53%	57%	6,450	-354
Other stealing	22,626	1,977	9%	8%	1,918	59
Stealing	58,996	11,111	19%	19%	11,935	-824

Source: Home Office Crime Statistics 2011/12

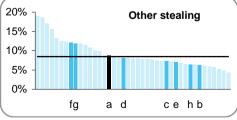




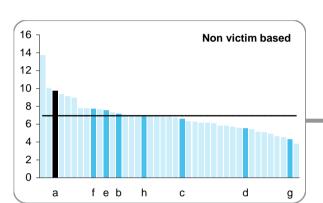


**Domestic burglary** 

40%



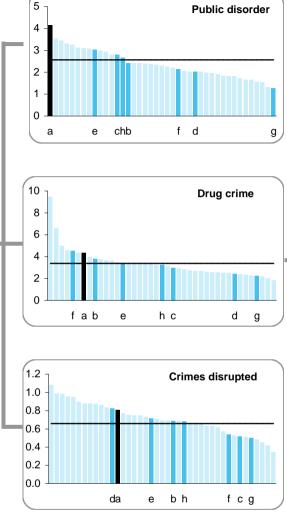
# RECORDED OFFENCES - NON VICTIM BASED 2011/12 per 1,000 population

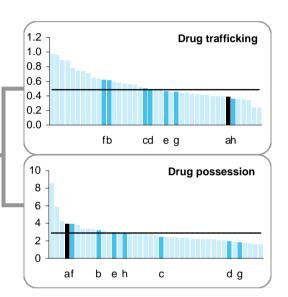


Population 1,623k

	Offences	per 1000	MSG	Difference	
Drug trafficking	622	0.4	0.5	-166	-21%
Drug possession	6,421	4.0	2.9	1,727	37%
Drug offences	7,043	4.3	3.4	1,561	28%
Public disorder	6,735	4.1	2.6	2,572	62%
Crimes disrupted	1,311	0.8	0.7	240	22%
Other non victim based	736	0.5	0.3	177	32%
Non victim based	15,825	9.7	6.9	4,550	40%

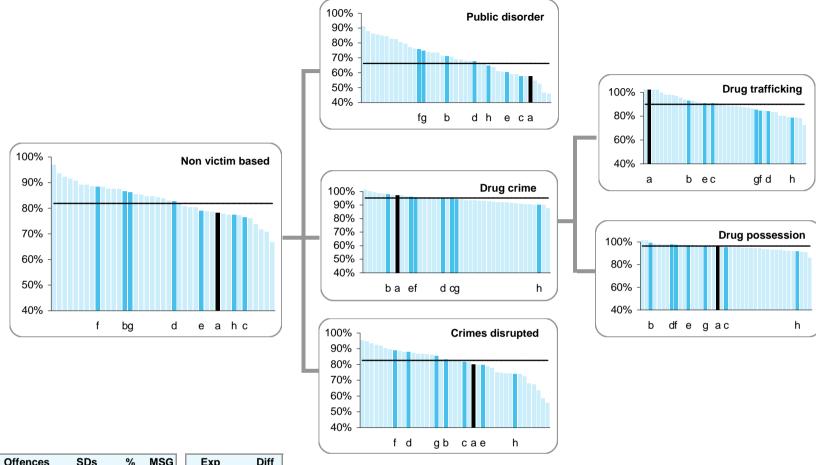
Source: Home Office Crime Statistics 2011/12





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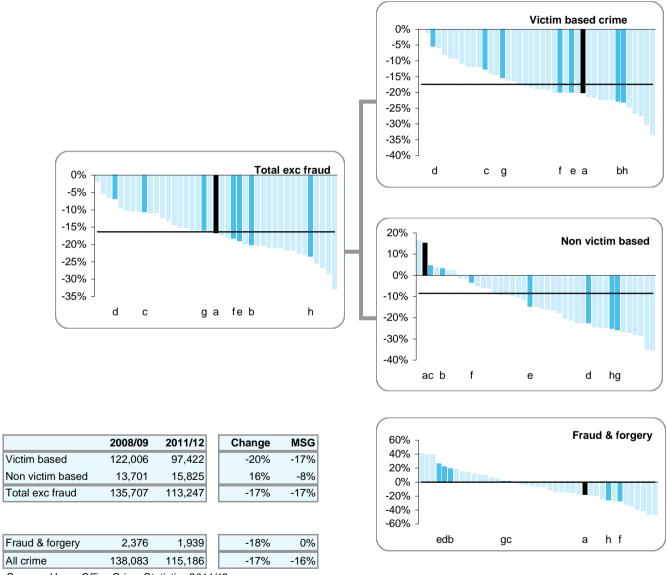
# **SANCTION DETECTIONS - NON VICTIM BASED**



	Offences	SDs	%	MSG	Ехр	Diff
Drug trafficking	622	692	111%	90%	559	133
Drug possession	6,421	6,169	96%	97%	6,197	-28
Drug offences	7,043	6,861	97%	95%	6,756	105
Public disorder	6,735	3,881	58%	66%	4,464	-583
Crimes disrupted	1,311	1,049	80%	83%	1,083	-34
Other non victim based	736	606	82%	69%	507	99
Non victim based	15,825	12,397	78%	82%	12,809	-412

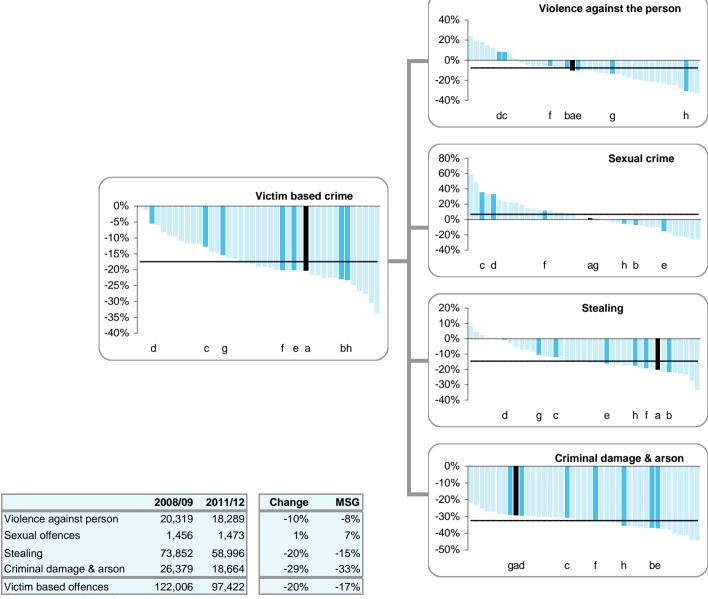
Source: Home Office Crime Statistics 2011/12

# RECORDED OFFENCES - ALL CRIMES Change 2008/09 to 2011/12



Source: Home Office Crime Statistics 2011/12

# **RECORDED OFFENCES - VICTIM BASED** Change 2008/09 to 2011/12

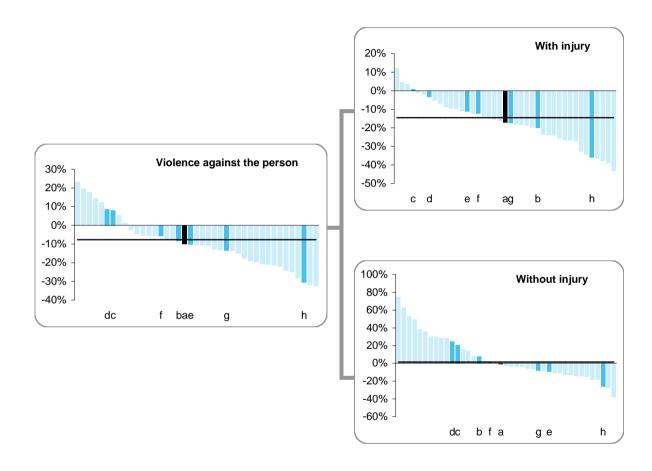


Source: Home Office Crime Statistics 2011/12

Stealing

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# RECORDED OFFENCES - VIOLENCE AGAINST THE PERSON Change 2008/09 to 2011/12

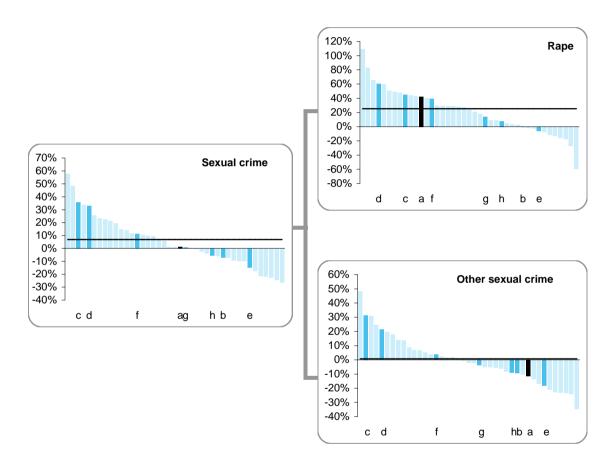


	2008/09	2011/12
With injury	11,486	9,522
Without injury	8,833	8,767
Violence against person	20,319	18,289

Change	MSG
-17%	-15%
-1%	1%
-10%	-8%

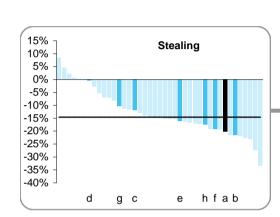
# RECORDED OFFENCES - SEXUAL OFFENCES

Change 2008/09 to 2011/12



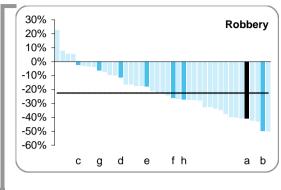
	2008/09	2011/12	Change	MSG
Rape	338	481	42%	25%
Other sexual offences	1,118	992	-11%	1%
Sexual offences	1,456	1,473	1%	7%

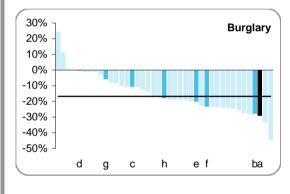
# RECORDED OFFENCES - STEALING Change 2008/09 to 2011/12

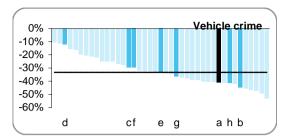


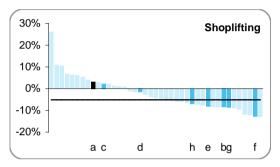
Population 1,623k

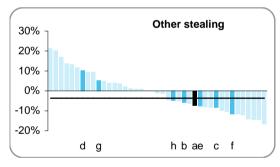
	0000/00	0044440	01	1100
	2008/09	2011/12	Change	MSG
Robbery				
Personal	1,914	1,125	-41%	-21%
Business	126	85	-33%	-36%
	2,040	1,210	-41%	-23%
Burglary				
Domestic	8,613	5,292	-39%	-19%
Non-domestic	10,351	8,154	-21%	-14%
	18,964	13,446	-29%	-17%
Vehicle crime	17,359	10,305	-41%	-33%
Shoplifting	11,059	11,409	3%	-5%
Other stealing	24,430	22,626	-7%	-4%
Stealing	73,852	58,996	-20%	-15%



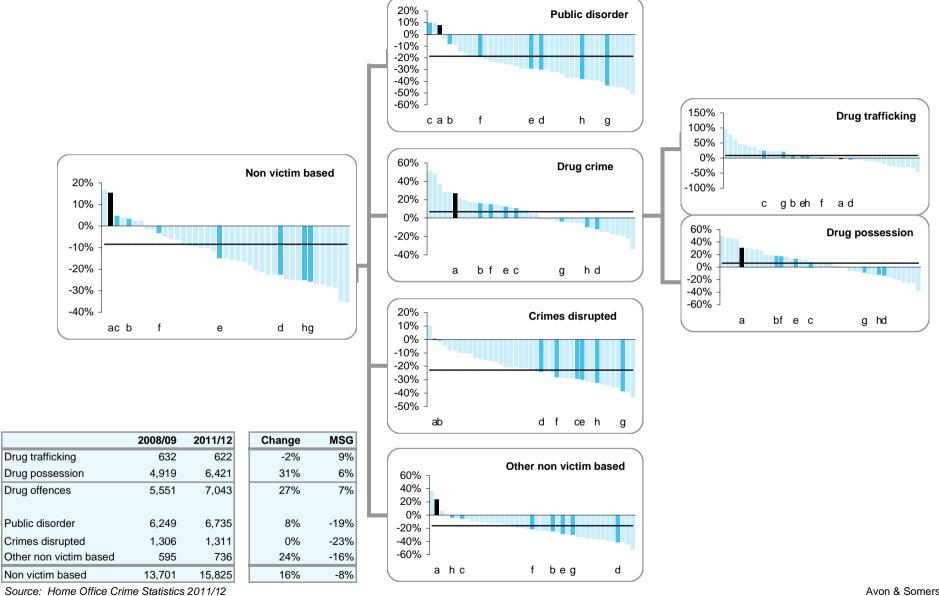








## **RECORDED OFFENCES - NON VICTIM BASED** Change 2008/09 to 2011/12



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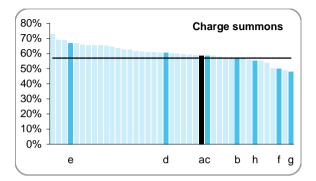
## **CHANGE IN SANCTION DETECTIONS %**

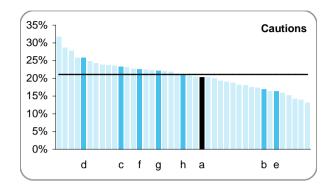
	2008/09	2011/12	Change	Msg
Victim based	20%	23%	3%	0%
Non victim based	78%	78%	0%	-2%
All crime exc fraud & forgery	26%	30%	4%	0%
Fraud & forgery	51%	36%	-16%	-12%
Victim based				
Violence against the person	37%	40%	3%	-3%
Sexual offences	24%	36%	11%	1%
Stealing	17%	19%	2%	0%
Criminal damage & arson	15%	16%	2%	-1%
Non victim based				
Public disorder	58%	58%	0%	-6%
Drug offences	98%	97%	-1%	-1%
Crimes disrupted	85%	80%	-5%	0%
Other non victim based	84%	82%	-2%	-3%
Violence against the person (VAP)				
VAP with injury	38%	40%	2%	-2%
VAP without Injury	35%	39%	4%	-4%
Sexual offences				
Rape	21%	33%	12%	2%
Other sexual offences	25%	37%	11%	1%
Stealing				
Personal robbery	17%	21%	5%	2%
Business robbery	34%	55%	21%	3%
Domestic burglary	14%	17%	3%	2%
Non Domestic burglary	8%	9%	1%	0%
Vehicle crime	12%	11%	-1%	2%
Shoplifting	55%	53%	-2%	-5%
Other stealing	8%	9%	1%	-1%
Drugs				
Drug trafficking	91%	111%	21%	-3%
Drug possession	99%	96%	-3%	0%

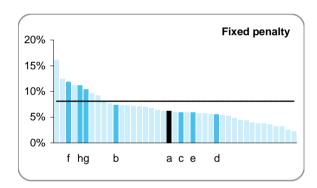
Note: Please be aware that community resolutions / restorative justice may impact on changes in sanction detection rates.

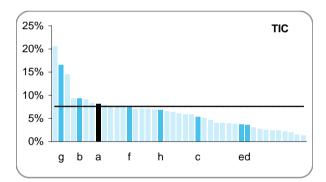
# SANCTION DETECTIONS BY TYPE 2011/12

These charts show how different types of sanction detections are used.



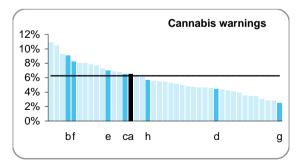






	%	MSG
Charge summons	59%	57%
Cautions	20%	21%
Penalty notices	6%	8%
Cannabis warnings	7%	6%
Taken into consideration	8%	8%
Total	100%	100%

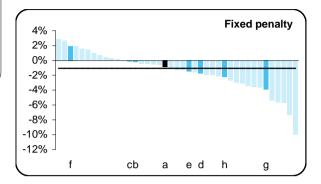


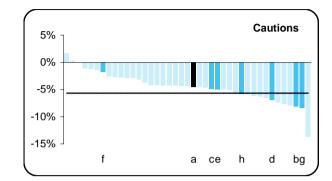


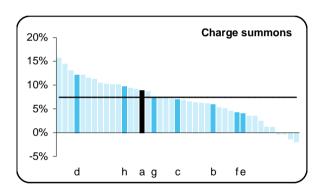
## **CHANGES IN DETECTION TYPES**

## Changes 2008/09 to 2011/12

These charts show how the proportions of the types of sanction detections have changed since 2008/09. Note that up to 2008/09 cannabis warnings were recorded as FPN detections, from this point they have moved into 'Other'.







MSG

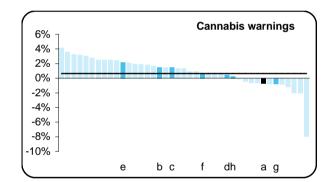
7%

-6%

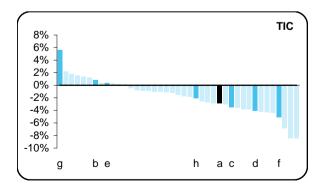
-1%

1%

0%



	2008/09	2011/12	Change
Charge summons	50%	59%	9%
Cautions	25%	20%	-4%
Penalty notices	7%	6%	-1%
Cannabis warnings	7%	7%	-1%
Taken into consideration	11%	8%	-3%
Total	100%	100%	



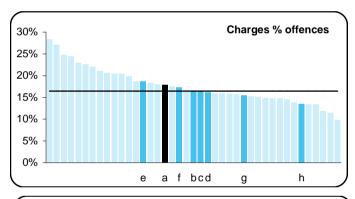
# **CHARGES**

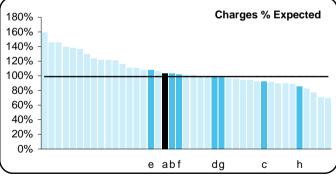
### 2011/12

These charts and tables show the overall charge rates and compare them with the expected charge rates. The expected charge rates show what the force would have achieved if they had matched the average for each crime type. The term charges relates to crime offences cleared up by means of charge or summons.

					Diff from
	Offences	Charges	%	MSG	expected
Victim based					
VAP with injury	9,522	2,905	31%	29%	178
VAP without Injury	8,767	2,523	29%	25%	306
Rape	481	155	32%	21%	52
Other sexual offences	992	310	31%	26%	52
Domestic burglary	5,292	502	9%	10%	-46
Non-domestic burglary	8,154	444	5%	6%	-7
Robbery of personal property	1,125	228	20%	21%	-7
Business robbery	85	46	54%	41%	12
Vehicle crime	10,305	559	5%	6%	-75
Shoplifting	11,409	3,579	31%	32%	-42
Other stealing	22,626	1,141	5%	5%	32
Criminal damage & arson	18,664	1,723	9%	8%	209
Non-victim based					
Public disorder	6,735	2,333	35%	39%	-275
Drug trafficking	622	651	105%	76%	177
Drug possession	6,421	1,811	28%	27%	59
Crimes disrupted	1,311	831	63%	61%	28
Other non victim based	736	386	52%	55%	-18
Total exc fraud	113,247	20,127	18%	16%	633
Fraud & forgery	1,939	479	25%	21%	68
All crime	115,186	20,606	18%	16%	701

Source: Home Office Crime Statistics 2011/12





The level of expected charges is based on MSG average charge rates, whereas expected sanction detections shown on p61 are based on average rates for all forces

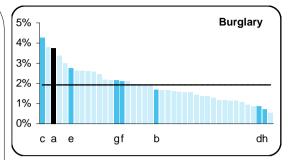
#### **NO CRIME**

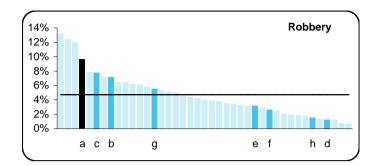
These charts show the 'no crime rate ' (number of 'no crimes ' divided by total recorded crime).

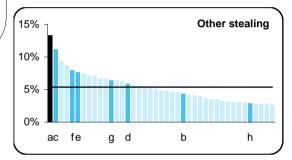
This information gives a more rounded picture of a forces crime recording practises.

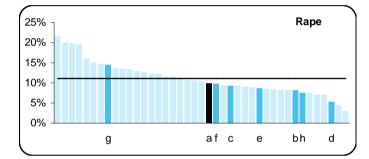
A crime could be no crimed where it is considered to have been recorded in error or where, having been recorded, additional verifiable information becomes available that determines that no crime was committed.

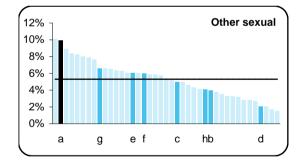
Outliers in the table below are highlighted for those in the top and bottom 10% nationally.

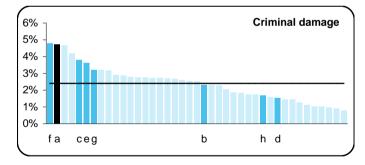












	2008/09	2009/10	2010/11	2011/12	Average	
Burglary	2.5%	3.1%	4.1%	3.7%	1.9%	<<
Robbery	6.1%	5.7%	9.7%	9.6%	4.7%	<<
Other stealing	10.6%	12.3%	12.2%	13.3%	5.4%	<<
Rape	25.1%	21.8%	14.5%	9.9%	11.1%	
Other sexual	8.8%	11.8%	13.5%	9.9%	5.3%	<<
Criminal damage	4.6%	4.9%	5.7%	4.7%	2.4%	<<

Source: Home Office Crime Statistics 2011/12

**HMIC** 

#### Please note:

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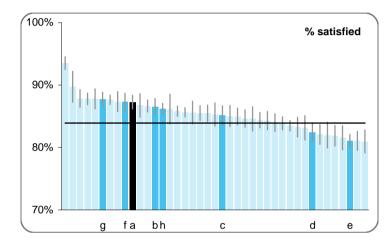
The proportion of 'no crimes' does not in itself infer high or low compliance with the overall requirements of the HOCR. Levels of 'no criming' are particularly susceptible to local recording practice and the IT systems in use. A police force having a high level of 'no crimes' may be indicative of that force having a local recording process that captures all reports as crimes at the first point of contact and before any further investigation has taken place to consider the full facts.

## **OVERALL SATISFACTION**

2011/12 percentage satisfied

These charts show user satisfaction for the 'whole experience' (excluding road traffic collisions).

95% confidence intervals are also shown.



		Avg
Satisfaction	87.3%	83.9%
Confidence interval	1.1%	0.2%

Source: Victims of Crime Survey 2011/12

Avon & Somerset

# **Appendix 1 – Crime Codes**

# Offences included in each category

# 1. Victim-based

# 1.1. Violence against the person

1.1.1. Vio	lence with injury
1	Murder
4.2	Infanticide
4.1	Manslaughter
2	Attempted murder
37.1	Causing death by aggravated vehicle taking
4.10	Corporate manslaughter
4.3	Intentional destruction of a viable unborn child
4.4	Causing death by dangerous driving
4.6	Causing death by careless driving under influence of drink or drugs
4.7	Causing or allowing death of child or vulnerable person
4.8	Causing death by careless or inconsiderate driving
4.4/6	Historic code
4.4/6/8	Historic code
4.9	Causing death by driving: unlicensed drivers etc.
5A	Wounding or carrying out an act endangering life (GBH with intent)
5B	Use of substance or object to endanger life
8F	Inflicting grievous bodily harm without intent
8G	Actually bodily harm and other injury
8A	Less serious wounding
8D	Racially or religiously aggravated less serious wounding
5	Wounding or other act endangering life
8H	Racially or religiously aggravated inflicting grievous bodily harm without intent
8J	Racially or religiously aggravated actual bodily harm and other injury
8K	Poisoning or female genital mutilation

- 1.1.2. Violence without injury (excl crime prevention and public order offences, inc kidnapping)
- 8C Historic harassment and public fear
- 8E Historic harassment and public fear (RRA)
- 8M Racially or religiously aggravated harassment
- 8L Harassment
- 7 Endangering life at sea
- 6 Endangering railway passengers
- 3 Threat or conspiracy to murder
- 3B Threats to kill
- 3A Conspiracy to murder
- 36 Kidnapping
- 14 Procuring illegal abortion
- 13 Child abduction
- 12 Abandoning child under two years
- 11 Cruelty to and neglect of children
- 105B Racially or religiously aggravated assault without injury
- 105A Assault without injury
- 104 Assault without injury on a constable

### 1.2. Sexual offences

- 1.2.1. Rape
- 19A Rape of a female
- 19B Rape of a male
- 19C Rape of a female aged 16 and over
- 19D Rape of a female child under 16
- 19E Rape of a female child under 13
- 19F Rape of a male aged 16 and over
- 19G Rape of a male child under 16
- 19H Rape of a male child under 13

1.2.2. Ot	her sexual offences (excluding rape)
17A	Sexual assault on a male aged 13 and over
17B	Sexual assault on a male child under 13
20A	Sexual assault on a female aged 13 and over
20B	Sexual assault on a female child under 13
21	Sexual activity involving a child under 13
22A	Causing sexual activity without consent
22B	Sexual activity involving child under 16
23	Incest or familial sexual offences
70	Sexual activity etc with a person with a mental disorder
71	Abuse of children through prostitution and pornography
72	Trafficking for sexual exploitation
73	Abuse of position of trust of a sexual nature
88A	Sexual grooming
88C	Other miscellaneous sexual offences
88D	Unnatural sexual offences
88E	Exposure and voyeurism
16	Buggery
17	Indecent assault on a male
18	Gross indecency between males
20	Indecent assault on a female
22	Unlawful sexual intercourse with a girl under 16
25	Abduction of female
74	Gross indecency with a child

139

Indecent exposure

# 1.3. Acquisitive crime

# 1.3.1. Burglary

1.3.1.1. I 28 28A 28B 28C 28D 29	Domestic burglary Domestic Burglary Burglary in a dwelling Attempted burglary in a dwelling Distraction burglary in a dwelling Attempted distraction burglary in a dwelling Aggravated burglary in a dwelling			
1.3.1.2. Non-domestic burglary				
30	Historic code			
30A	Burglary in a building other than a dwelling			
30B	Attempted burglary in a building other than a dwelling			
31	Aggravated burglary in a building other than a dwelling			
30	Historic code			
1.3.2.1. Robbery - personal				
34B	Robbery of personal property			
1.3.2.2. Robbery - business				
34A	Robbery of business property			
1.3.3. Vehicle crime				
37.2	Aggravated vehicle taking			
48	Theft or unauthorised taking of motor vehicle			
2.0007	- of which, attempted theft of a vehicle			
126	Interfering with a motor vehicle			
45	Theft from vehicle			
1.3.4. Shoplifting				
1.0. 1. 0.1051111119				

Shoplifting

46

# 1.3.5. Other acquisitive crime39 Theft from the person

- Theft in a dwelling other than from an automatic machine or meter
- Theft or unauthorised taking of a pedal cycle
- 49 Other theft
- 35 Blackmail
- 41 Theft by an employee
- 42 Theft of mail
- 43 Dishonest use of electricity
- Theft from automatic machine or meter
- 53B Preserved other fraud and repealed fraud offences (pre Fraud Act 2006)

## 1.4. Criminal damage & arson

56	Arson
56A	Arson endangering life
56B	Arson not endangering life
58A	Criminal damage to a dwelling
58B	Criminal damage to a building other than a dwelling
58C	Criminal damage to a vehicle
58D	Other criminal damage
58E	Racially or religiously aggravated criminal damage to a dwelling
58F	Racially or religiously aggravated criminal damage to a building other than a dwelling
58G	Racially or religiously aggravated criminal damage to a vehicle
58H	Racially or religiously aggravated other criminal damage

## 2. Non victim-based Crime

#### 2.1. Public disorder

- 9A Public fear, alarm or distress
- 9B Racially or religiously aggravated public fear, alarm or distress
- 64 Riot
- 65 Violent disorder
- Other offences against the State or public order
- 62 Treason
- 63 Treason felony

#### 2.2. Drug offences

- 2.2.1. Drug trafficking
- 92A Trafficking in controlled drugs
- 2.2.2. Drug possession
- 92C Other drug offences
- 92D Possession of controlled drugs (excl. cannabis)
- 92E Possession of controlled drugs (cannabis)
- 92B Historic code possession of controlled drugs

### 2.3. Crimes disrupted

- 8B Historic code possession of weapons
- 5C Possession of items to endanger life
- 10A Possession of firearms with intent
- 10B Possession of firearms offences
- 10C Possession of other weapons
- 10D Possession of article with blade or point
- 33 Going equipped for stealing, etc
- 53J Possession of articles for use in fraud
- 54 Handling stolen goods
- 59 Threat or possession with intent to commit criminal damage
- 61A Possession of false documents
- 90 Other knife offences

#### 2.4. Other state-based offences

- 15 Concealing an infant death close to birth
- 26 Bigamy
- 55 Bankruptcy and insolvency
- 67 Perjury
- 68 Libel
- 75 Betting, gaming and lotteries
- 76 Aiding suicide
- 78 Immigration Acts
- 79 Perverting the course of justice
- 80 Absconding from lawful custody
- 81 Other firearms offences
- 82 Customs and Revenue offences
- 83 Bail offences
- 84 Trade descriptions etc
- 85 Health and Safety offences

86	Obscene publications etc		
87	Protection from eviction		
89	Adulteration of food		
91	Public health offences		
94	Planning laws		
95	Disclosure, obstruction, false or misleading statements etc		
99	Other notifiable offences (class 98/99)		
802	Dangerous driving		
814	Fraud, forgery etc associated with vehicle or driver records		
27	Soliciting for the purposes of prostitution		
24	Exploitation of prostitution		
38	Profiting from or concealing knowledge of the proceeds of crime		
69	Offender management act		
53H	Making or supplying articles for use in fraud		
oud 9 formani			

## 3. Fraud & forgery

- Fraud by company directorFalse accounting
- 53C Fraud by false representation: cheque, plastic card and online bank accounts (not PSP)
- 53D Fraud by false representation: other frauds
- 53E Fraud by failing to disclose information
- 53F Fraud by abuse of position
- Forgery or use of false drug prescription
- 61 Other forgery
- 53A Cheque and credit card fraud (pre Fraud Act 2006)
- 53G Obtaining services dishonestly (to be discontinued)

### Appendix 2 – POA Categories

POA data are split into 12 categories, which sub-divide into headings as follows:

- 1) Local policing
  - a. Neighbourhood policing
  - b. Incident (response) management
  - c. Local investigation
  - d. Specialist community liaison
  - e. Local command team and support overheads
- 2) Dealing with the public
  - a. Local call centres / front desk
  - b. Central communications unit
  - c. Contact management units
  - d. Dealing with the public command team and support overheads
- 3) Criminal justice arrangements
  - a. Custody / prisoner handling
  - b. Criminal justice
  - c. Police national computer
  - d. Criminal record bureau
  - e. Coroner assistance
  - f. Fixed penalty schemes (central ticket office)
  - g. Property officer / stores
  - h. Criminal justice arrangements command team and support overheads
- 4) Road policing
  - a. Traffic units
  - b. Traffic wardens / police community support officers traffic
  - c. Vehicle recovery
  - d. Casualty reduction partnership
  - e. Road policing command team and support overheads

#### 5) Specialist operations

- a. Central operations command team and support overheads
- b. Air operations
- c. Mounted police
- d. Specialist terrain
- e. Dogs section
- f. Level 1 advanced public order
- g. Airport & ports policing unit
- h. Firearms unit
- i. Civil contingencies and planning

#### 6) Intelligence

- a. Central intelligence command team and support overheads
- b. Intelligence analysis / threat assessments
- c. Intelligence gathering

#### 7) Specialist investigations

- a. Crime support command team and support overheads
- b. Major investigation unit
- c. Economic crime (including regional asset recovery team)
- d. Specialist investigation units
- e. Serious & organised crime unit
- f. Public protection

#### 8) Investigative support

- a. Scenes of crime officers
- b. External forensic costs
- c. Fingerprint / dna bureau
- d. Photographic image recovery
- e. Other forensic services
- f. Investigative support command team and support overheads

## 9) National policing

- a. Secondments (out of force)
- b. Counter terrorism / special branch
- c. ACPO projects / initiatives
- d. Hosting national services
- e. Other national policing requirements

## 10) Support functions

- a. Human resources
- b. Finance
- c. Legal
- d. Fleet services
- e. Estates / central building costs
- f. Information communication technology
- g. Professional standards
- h. Press and media
- i. Performance review / corporate development
- i. Procurement
- k. Training
- I. Administration support
- m. Force command
- n. Support to associations and trade unions
- o. Freedom of information
- p. Social club support and force band
- q. Insurance / risk management
- r. Catering

## 11) Police authority

- a. Democratic representation
- b. Police authority support
- c. Other costs
- d. Yreasury management
- e. Internal audit

#### 12) Central costs

- a. Revenue contribution to capital
- b. Capital financing
- c. Pensions and exit costs

# Appendix 3

# **Restorative Justice / Community resolutions**

# Forces who return data on RJ / CR (to Mar-12)

Force	Approx RJ (inc other)
Avon & Somerset	5,287
Cambridgeshire	1,273
Derbyshire	5,829
Devon and Cornwall	5,380
Dorset	236
Dyfed-Powys	197
Essex	3,213
Gloucestershire	2,594
Greater Manchester	2,601
Gwent	205
Hampshire	4,038
Leicestershire	27
Lincolnshire	6
Merseyside	2,117
Norfolk	1,992
Northamptonshire	2,509
Northumbria	2,011
Suffolk	4,003
Surrey	3,492
Sussex	3,891
Thames Valley	4,663
Warwickshire	383
West Mercia	4,540
Wiltshire	1,202

# **Outsourcing of Custody**

Forces who outsource custody (as at 26/07/2012)

Force	with
Cleveland	Reliance
Norfolk	Reliance
Suffolk	Reliance
Sussex	Reliance
TVP	Reliance
Warwickshire	Reliance
West Mercia	Reliance
Lancashire	G4S
Lincolnshire	G4S
South Wales	G4S
Staffordshire	G4S