



Ministry
of Justice

Justice Data Lab Statistics

November 2014

13th November 2014



**Ministry
of Justice**

Contents

Introduction	3
Key findings	4
Annex: Links to the Justice Data Lab individual reports published to date	6
Contact details	13

Introduction

This report presents the latest findings from the Justice Data Lab, and summarises the requests for re-offending information through the Justice Data Lab for the period 2nd April 2013 to 31st October 2014.

This report has been produced and published in line with the Code of Practice for Official Statistics. This report will be updated and published on the second Thursday of each month for the duration of the Justice Data Lab pilot.

We welcome any feedback on this report or any other Justice Data Lab products. Please use the contact details at the end of this report to let us know your feedback.

What is the Justice Data Lab initiative and how does it work?

The Justice Data Lab has been launched as a pilot from April 2013. During the pilot, a small team from Analytical Services within the Ministry of Justice (the Justice Data Lab team) is supporting organisations that provide offender services by allowing them easy access to aggregate re-offending data, specific to the group of people they have worked with. This service is intended to support organisations in understanding their effectiveness at reducing re-offending.

Participating organisations supply the Justice Data Lab with details of the offenders who they have worked with, and information about the services they have provided. The Justice Data Lab team matches these individuals to the re-offending datasets held within the Ministry of Justice and uses statistical modelling techniques to generate a matched control group of individuals with very similar characteristics. As a standard output, the Justice Data Lab supplies aggregate one year proven re-offending rates for the group of offenders the organisation has worked with, and those of the matched control group of similar offenders.

The re-offending rates for the organisation's group and the matched control group are also compared using statistical testing to assess the impact of the organisation's work on reducing re-offending. The results are then returned to the organisation with explanations of the key metrics, and any caveats and limitations necessary for interpretation of the results.

Finally, the tailored reports produced for each organisation are published on the Ministry of Justice website to promote transparency and ensure that findings produced through this service can be used by others to improve the rehabilitation of offenders.

Update on the Justice Data Lab service

The Justice Data Lab team have now started bringing the 2012 re-offending data into the service. It is now possible for an organisation to submit information on the individuals it was working with during 2012, in addition to during the years 2002 to 2011.

Key Findings

The following activity has taken place this month:

- One request has been fully answered and is being published this month. This is for the organisation Plymouth Magistrates' Court where the analysis of this programme against a matched comparison group is inconclusive against a range of re-offending measures.

To date:

This publication reports on the Justice Data Lab requests received between the launch of the Justice Data Lab service on the 2nd April 2013, and 31st October 2014. During this period there were 144 requests for re-offending information through the Justice Data Lab. Of these requests;

- 118 reports have been published previously. 1 report is being published this month.
- 17 requests could not be answered as the minimum criteria for a Justice Data Lab analysis had not been met.
- 1 request was withdrawn by the submitting organisation.
- The remaining 7 requests will be processed in due course.

Definitions used in Justice Data Lab reports:

One year proven re-offending rate

The one year proven re-offending rate is defined as the proportion of offenders in a cohort who commit an offence in a one year follow-up period which was proven through receipt of a court conviction, caution, reprimand or warning during the one year follow-up or in a further six month waiting period. The one year follow-up period begins when offenders leave custody, start their court sentence, or from receipt of their caution.

Frequency of one year proven re-offending

The frequency of one year proven re-offending is defined as the number of re-offences committed in a one year follow-up period which were proven through receipt of a court conviction, caution, reprimand or warning during the one year follow-up or in a further six month waiting period. The one year follow-up period begins when offenders leave custody, start their court sentence, or from receipt of their caution.

Time to re-offending

Time to re-offending is defined as the average number of days between the index date (release date from custody or start of probation date) and the offence date of the first re-offence within the one year follow-up period described in the definitions above. This measure is only calculated for individuals that re-offended in the one year follow-up period.

Table 1: Request being published this month.

Organisation and Programme	Summary of Programme	Effect on the one year proven re-offending rate	Effect on the frequency of one year proven re-offending	Effect on the time to re-offending
<p>1</p> <p>Community Justice Court at Plymouth Magistrates' Court</p> <p>Problem Solving Intervention</p>	<p>The Community Justice Court (CJC) operates at Plymouth Magistrates' Court, where a particular courtroom is set aside to run CJC. The CJC targets offenders who have committed low risk offences and who plead guilty on the day of their first appearance in court for that offence. During the court session, the magistrates have the option of sending offenders to a problem solving meeting which can help identify problems in their life which may have contributed to them committing crime. It is hoped that this intervention may enable the individual to recognise these problems and with the help of the Community Advice and Support Service (CASS) turn away from criminal acts and focus on solutions to their problems. This analysis relates to individuals who participated in a problem solving meeting prior to sentencing in the CJC at Plymouth Magistrates' Court during 2010.</p>	<p>This analysis looked at the impact of the CJC at Plymouth Magistrates' Court on re-offending. This analysis is currently inconclusive as the one year proven re-offending rate is between a 4 percentage point reduction, and a 22 percentage point increase compared to the matched control group.</p>	<p>The frequency of one year proven re-offending for 63¹ offenders who participated in the CJC at Plymouth Magistrates' Court was 0.98 offences per individual, compared with 0.92 per individual in the matched control group. Statistical significance testing has shown that this difference in the frequency of re-offending is not statistically significant.</p>	<p>The average time to the first re-offence within a year for the 26 individuals that were matched, and re-offended, after participating in the CJC at Plymouth Magistrates' Court was 114 days. This compares to 131 days for the 34,369 individuals who re-offended from the matched control group. Statistical significance testing has shown that this difference in the time to first re-offence within a year is not statistically significant.</p>

¹ 63 individuals were matched from a cohort of 91 individuals, whose details were sent to the Justice Data Lab, as described on page 2 of the full report.

Annex: Links to the Justice Data Lab individual reports published to date. Requests are organised by intervention type, then by most recent publication.

Youth Interventions

Roundabout:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/302395/roundabout-report.pdf

Warwickshire Youth Justice Service:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/279366/warwickshire-youth-justice-service-report.pdf

Restorative Justice

Prison Fellowship - Sycamore Tree programme:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/249235/prison-fellowship-sept-2013.pdf

Relationship Building

Time for Families - second request:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/309142/time-for-families-2-report.pdf

Safe Ground - Family Man programme - third request:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/289253/safe-ground-report.pdf

Time for Families - first request:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270091/time-for-families.pdf

Pre-school Learning Alliance 'Being Dad' programme and Family Days activities:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/256915/hmp-yoi-stoke.pdf

Safe Ground - Family Man programme - second request:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/256975/safeground-nov-2013.pdf

Safe Ground - Family Man programme - first request:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/271374/safeground-sept-2013.pdf

Mentoring

Lancashire Women's Centres:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/361999/lancashire-womens-centre-report.pdf

The Footprints Project:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/289251/footprints-report.pdf

West Yorkshire Community Chaplaincy Project:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270093/west-yorkshire-community-chaplaincy-project.pdf

Foundation:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/264969/foundation-leeds-report.pdf

The Prince's Trust "Through-the-Gate" Mentoring Pilot:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/264974/princes-trust-report.pdf

St. Helens Integrated Offender Management:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/256914/st-helens.pdf

HMP Swansea Community Chaplaincy Project:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/249237/sccp-sept-2013.pdf

Health and Wellbeing

The Prison Phoenix Trust:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/309143/prison-phoenix-trust-report.pdf

Employment

NOMS CFO Employment Programme Round 1 – Delivery during 2011: Support starting during community sentences:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/343477/noms-round-1-co-ss0.pdf

NOMS CFO Employment Programme Round 1 – Delivery during 2011: Support starting following release from custody:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/343478/noms-round-1-prison-leavers.pdf

NOMS CFO Employment Programme Round 1 – Delivery during 2011: Support starting in custody:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/343479/noms-round_1-custody-intervention.pdf

Working Chance:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/328807/working-chance-report.pdf

Everyday Skills:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/279365/everyday-skills-report.pdf

A4e First Steps Programme:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/264962/a4e-report.pdf

HMP Downview D Wing Resettlement Unit:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/264967/downview-report.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (National Analysis):

www.gov.uk/government/uploads/system/uploads/attachment_data/file/264973/noms-cfo-custody.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (National Analysis):

www.gov.uk/government/uploads/system/uploads/attachment_data/file/264972/noms-cfo-community.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (East Midlands):

www.gov.uk/government/uploads/system/uploads/attachment_data/file/259281/noms-prison-east-midlands-leicester.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (East Midlands):

www.gov.uk/government/uploads/system/uploads/attachment_data/file/259283/noms-probation-east-midlands.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (East of England):

www.gov.uk/government/uploads/system/uploads/attachment_data/file/256916/noms-prison-east-england.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (East of England):

www.gov.uk/government/uploads/system/uploads/attachment_data/file/256964/noms-probation-east-england.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (London):

www.gov.uk/government/uploads/system/uploads/attachment_data/file/257017/noms-prison-london.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (London):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/256965/noms-probation-london.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (Merseyside):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/275700/noms-probation-merseyside.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (North East):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/256996/noms-prison-north-east-nov-2013.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (North East):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/257027/noms-probation-north-east.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (North West including Merseyside):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/257023/noms-prison-north-west.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (North West excluding Merseyside):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/256963/noms-probation-north-west.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (South East):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/256918/noms-prison-south-east.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (South East):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/257000/noms-probation-south-east-nov-2013.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (South West):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/256999/noms-prison-south-west-nov-2013.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (South West):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/257057/noms-probation-south-west-nov-2013.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (West Midlands):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/256998/noms-prison-west-midlands-nov-2013.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (West Midlands):
www.gov.uk/government/uploads/system/uploads/attachment_data/file/257001/noms-probation-west-midlands-nov-2013.pdf

NOMS CFO Employment Programme delivered in custody in 2010 (Yorkshire and the Humber):

www.gov.uk/government/uploads/system/uploads/attachment_data/file/256995/noms-prison-york-humber-nov-2013.pdf

NOMS CFO Employment Programme delivered in the community in 2010 (Yorkshire and the Humber):

www.gov.uk/government/uploads/system/uploads/attachment_data/file/257056/noms-probation-yorks-humber-nov-2013.pdf

Blue Sky:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/249228/blue-sky-sept-2013.pdf

Education

Prisoners Education Trust – Analysis of all grant types:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270084/prisoners-education-trust-report.pdf

Prisoners Education Trust - Grants for Open University courses:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270089/open-university-report.pdf

Prisoners Education Trust (PET) – Grants for accredited courses funded by PET through the Department for Business Innovation & Skills (BIS) grants:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270085/accredited-courses-report.pdf

Prisoners Education Trust (PET) - Grants for unaccredited courses funded by PET through the Department for Business Innovation & Skills (BIS) grants:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270092/unaccredited-courses-report.pdf

Prisoners Education Trust - Grants for art and hobby materials:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270086/arts-materials-report.pdf

Arts

Only Connect:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/302396/only-connect-report.pdf

The Koestler Trust - Koestler Trust awards:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/249230/koestler-awards.pdf

Accommodation

Adelaide House Approved Premise:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/279364/adelaide-house-report.pdf

Home Group Residential and support service - Delivered whilst on community sentences:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/279370/home-group-residential-and-support-community-sentences-report.pdf

Home Group Residential and support service - Delivered after prison sentences:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/279373/home-group-residential-and-support-prison-report.pdf

Home Group Short Term Accommodation (STA) service - Home Detention Curfew Order following release from custody:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/279367/home-group-sta-report.pdf

Home Group Support Only service - Delivered whilst on community sentences:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/279379/support-only-community-sentences-report.pdf

Home Group Support Only service - Delivered after prison sentences:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/279372/support-only-prison-report.pdf

Home Group Support Only service - Overall - Delivered whilst on community sentences or after prison sentences:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/279368/home-group-support-only-overall-report.pdf

NOMS Bail Accommodation and Support Services (BASS) - Bail with a prison or probation sentence:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270090/prison-and-probation-report.pdf

NOMS Bail Accommodation and Support Services (BASS) - Bail with a conditional discharge or fine:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270087/conditional-discharge-and-fines-report.pdf

NOMS Bail Accommodation and Support Services (BASS) - Home Detention Curfew Order following release from custody:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/270088/individuals-on-home-detention-curfew.pdf

Riverside ECHG Wigan Offender Accommodation Resettlement Service:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/256974/riverside-echg.pdf

Brighton & Hove City Council - Preventing Offender Accommodation Loss (POAL) Project:
www.gov.uk/government/uploads/system/uploads/attachment_data/file/249234/poal-sept-2013.pdf

Shelter Housing advice / assessment sessions in HMP Leeds:
www.gov.uk/government/uploads/system/uploads/attachment_data/file/249269/shelter-sept-2013.pdf

Reviews of the Justice Data Lab service

“Justice Data Lab: the pilot year” shares learning from our experience of running the pilot in its first year, published in March 2014, and is available at the following link:
www.gov.uk/government/uploads/system/uploads/attachment_data/file/289250/justice-data-lab-pilot-year.pdf

Contact points for further information

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For further guidance about the Justice Data Lab, and how to access the service, please refer to the guidance which can be found at the following link:

www.gov.uk/government/publications/justice-data-lab

Press enquiries should be directed to the Ministry of Justice press office:

Tel: 020 3334 3555

General enquiries about the statistical work of the Ministry of Justice can be e-mailed to: statistics.enquiries@justice.gsi.gov.uk

General information about the official statistics system of the United Kingdom is available from www.statistics.gov.uk

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