



Ministry
of Justice

Justice Data Lab Statistics

December 2014

11th December 2014



**Ministry
of Justice**

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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 30th November 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 brought 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:

- Two requests have been fully answered and are being published this month:
 - One request is for the organisation Langley House Trust where the analysis of the accommodation based support service they provide against a matched comparison group shows a statistically significant reduction in the one-year proven re-offending rate of between 2 and 14 percentage points.
 - One request is for the organisation Safe Ground where the analysis of the Family Man programme they provide against a matched comparison group shows a statistically significant reduction in the frequency of one year proven re-offending of 0.31 re-offences per individual.
- The final quarter of 2012 re-offending data was brought into the service, meaning the Justice Data Lab now have re-offending data for all years from 2002 to 2012.

To date:

Between the launch of the Justice Data Lab service on the 2nd April 2013, and 30th November 2014 there were 149 requests for re-offending information through the Justice Data Lab. Of these requests;

- 119 reports have been published previously. 2 reports are 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 10 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: Requests 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>Langley House Trust Accommodation Intervention</p>	<p>Langley House Trust is a national charity that provides accommodation based and floating support to male and female offenders, as well as a Housing Association. Langley House Trust works with offenders in the community (including those who are subject to statutory intervention and those who are not) and work in close partnership with local agencies to deliver end to end and holistic support covering the NOMS seven pathways to reducing re-offending. Langley House Trust works with a large number of hard to place offender groups including those with substance misuse needs, mental health needs, housing needs, multiple complex needs and those with a wide spectrum of risk (including high risk of harm and high risk of re-offending). Additionally, Langley House Trust works with individuals who have been convicted of sex offences, these individuals have been excluded in this analysis. This analysis relates to offenders who received the support service run by Langley House Trust following release from custody or whilst on community sentences between 2002 and 2011.</p>	<p>This analysis shows that individuals who received the support service provided by Langley House Trust and who have never committed a sex offence experienced a reduction in re-offending between 2 and 14 percentage points.</p>	<p>The frequency of one year proven re-offending for 231¹ offenders who received the support service run by Langley House Trust and who have never committed a sex offence was 0.95 offences per individual, compared with 1.15 per individual in the matched control group. Statistical significance testing has shown that this difference in the re-offending rates is not statistically significant.</p>	<p>The average time to the first offence within a year for the 61 individuals that were matched, and had re-offended, and who have never committed a sex offence, after receiving the support service provided by Langley House Trust was 175 days. This compares to 174 days for the 214,627 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>

¹ 231 individuals were matched from a cohort of 775 individuals, whose details were sent to the Justice Data Lab, as described on page 3 of the full report.

2	<p>Safe Ground Family Man programme (fourth request)</p> <p>Relationship Building intervention</p>	<p>Safe Ground is a charity working with offenders on a range of projects both in prison and in the community with the aim of reducing re-offending by developing relationship skills. Family Man is a programme about family relationships, which uses drama and group work to develop offenders' relationship skills and challenge attitudes, thinking and behaviour, focusing on trying to improve the relationships that these individuals have with their families. In enhancing participants' ability to think and communicate critically, the programme aspires to increase participation in education, training and employment, whilst contributing to the process of desistance from crime. This analysis relates to male offenders who completed the Family Man programme between 2005 and 2012 in HMP Belmarsh, HMP Birmingham, HMP Bristol, HMP Highpoint, HMP Kingston, HMP Leeds, HMP Parc and HMP Wandsworth. This analysis includes individuals from the three previous Safe Ground requests published in October 2013, November 2013 and March 2014.</p>	<p>This analysis looked at the impact of attending the Family Man programme on re-offending. This analysis is currently inconclusive as the one year proven re-offending rate is between a 14 percentage point reduction, and a 1 percentage point increase compared to the matched control group.</p>	<p>The frequency of one year proven re-offending for 151² offenders attending the Family Man programme was 0.95 offences per individual, compared with 1.26 per individual in the matched control group. Statistical significance testing has shown that this difference in the frequency of re-offending is statistically significant.</p>	<p>The average time to the first re-offence within a year for the 49 individuals that were matched, and re-offended, after attending the Family Man programme was 136 days. This compares to 144 days for the 104,023 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>
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² 151 individuals were matched from a cohort of 552 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

Problem Solving

Community Justice Court (CJC) at Plymouth Magistrates' Court:

www.gov.uk/government/uploads/system/uploads/attachment_data/file/373678/plymouth-magistrates-court-request.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

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

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