



## Justice Data Lab statistics quarterly, England and Wales, October 2018

### Main Points

Justice Data Lab (JDL) analysis for one organisation is being published this quarter

For any 100 typical people who received the intervention:

#### Key4Life

29 men committed 50  
reoffences.



Key4Life's prison programme works to break the cycle of youth offending by focusing on emotional resilience, employability skills and providing on-going support after release from prison.



Significant results



Non-significant result



Rate of reoffending



Frequency of reoffending



Time to first reoffence

This release presents the latest findings from the Justice Data Lab, and summarises the requests for reoffending information through the Justice Data Lab for the period 2 April 2013 to 30 September 2018. For full and detailed commentary, please refer to the individual reports and the accompanying general annex to the Justice Data Lab statistics available at <https://www.gov.uk/government/statistics/justice-data-lab-quarterly-statistics-october-2018>

**We are changing how our quarterly bulletins look, and would welcome any feedback to [commentary.champions@justice.gsi.gov.uk](mailto:commentary.champions@justice.gsi.gov.uk)**

For other feedback related to the content of this publication, please let us know at [justice.datalab@justice.gov.uk](mailto:justice.datalab@justice.gov.uk)

## **Things you need to know**

This analysis measures proven reoffences in a one-year follow-up period for a 'treatment group' who took part in the programme and for a much larger 'comparison group' of similar offenders who did not take part. This measurement was used to estimate the impact that the programme would be expected to have on the reoffending behaviour of any people who are similar to those in the analysis.

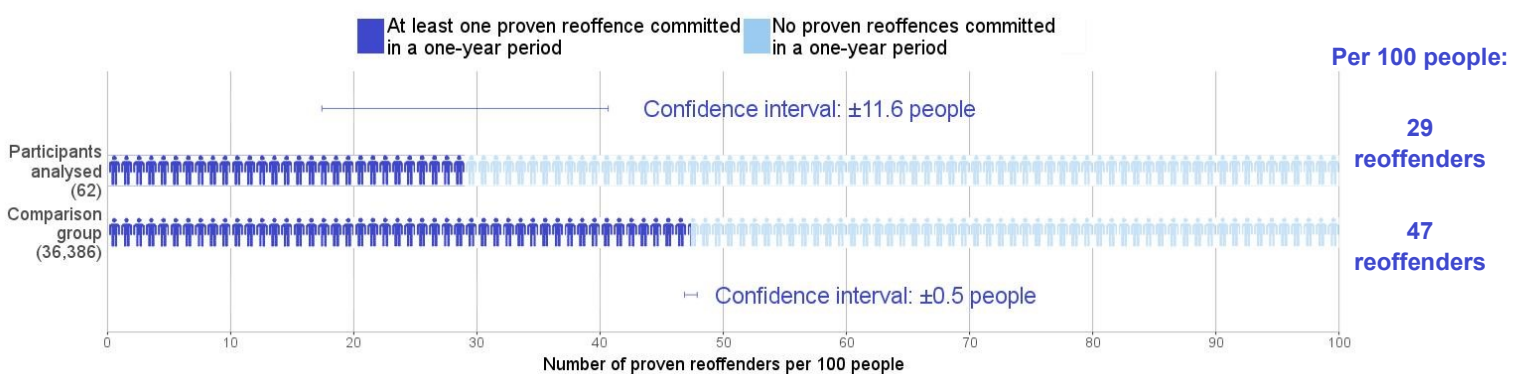
The people who were eligible to be included in the analysis are from a set of records submitted to the Justice Data Lab by the organisation. As not all records were analysed as part of the 'treatment group', the programme may have a different impact on the people who were not analysed.

## 1. Key4Life

This analysis looked at the reoffending behaviour of 62 young men who took part in the Key4Life programme while in prison. The results show that people who participated in the programme were less likely to reoffend in the year following their release from prison than similar people who didn't participate, and the number of reoffences they committed in that period was also lower.

Key4Life's prison programme works to break the cycle of youth offending by focusing on emotional resilience, employability skills and providing on-going support after release from prison.

Figure 1: One-year proven reoffending rate after support from Key4Life



Significant difference between groups

### Overall measurements of the treatment and comparison groups

For those in the **treatment** group, the equivalent of:



29 of the 100 men committed a proven reoffence within a one-year period (a rate of 29%), 18 men fewer than in the comparison group



50 proven reoffences were committed by these 100 men during the year (a frequency of 0.5 offences per person), 114 offences fewer than in the comparison group.



Time to first reoffence has not been included as a headline result due to low numbers of reoffenders, which could give misleading results.

For those in the **comparison** group, the equivalent of:

47 men committed a proven reoffence within a one-year period (a rate of 47%)

164 proven reoffences were committed by these 100 men during the year (a frequency of 1.6 offences per person)

## Overall estimates of the impact of the intervention

For any **100** typical men who receive the intervention, compared with any **100** similar men who do not receive it:



The number of men who commit a proven reoffence during one year after release could be **lower by between 7 and 30 men. This is a statistically significant result.**



The number of proven reoffences committed during the year could be **lower by between 87 and 140 offences. This is a statistically significant result.**



Time to first reoffence has not been included as a headline result, as the low number of reoffenders used to calculate the measure (18 people) could provide misleading results

### ✓ **What you can say about the one-year reoffending rate:**

“This analysis provides evidence that, for every 100 participants, Key4Life may decrease the number of proven reoffenders during a one year period by between 7 and 30 men.”

### ✗ **What you cannot say about the one-year reoffending rate:**

“This analysis shows that Key4Life decreases the one-year proven reoffending rate of its participants.”

### ✓ **What you can say about the one-year reoffending frequency:**

“This analysis provides evidence that, for every 100 participants, Key4Life may decrease the number of proven reoffences during a one year period by between 87 and 140 offences.”

### ✗ **What you cannot say about the one-year reoffending frequency:**

“This analysis shows that Key4Life decreases the frequency of reoffending.”

## Further information

### Accompanying files

As well as this bulletin, the following products are published as part of this release:

- A PDF report for each analysis, covering in more detail the process and results.
- An Excel annex for each analysis, looking at the characteristics of the treatment and comparisons groups, standardised differences demonstrating the quality of the match between both groups, and information on the criminogenic needs and issues of the treatment group, where available.
- A general annex providing further information on the purpose of the Justice Data Lab, how to interpret the analysis, descriptions of the measures analysed and background on proven reoffending.
- An Excel summary that details all Justice Data Lab (JDL) analyses to date.
- A JDL interactive map, enabling access to all analyses both nationally and by region in which the intervention was focused.

### Contact

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

Email: [newsdesk@justice.gsi.gov.uk](mailto:newsdesk@justice.gsi.gov.uk)

Other enquiries about these statistics should be directed to the Justice Statistics Analytical Services division of the Ministry of Justice:

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**URL: <https://www.gov.uk/government/collections/justice-data-lab-pilot-statistics>**

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