Understanding and improving the quality of primary care for people in prison: a mixed-methods study

Sue Bellass,^{1,2} Krysia Canvin,^{1,3} Tracey Farragher,⁴ Kate McLintock,¹ Nat Wright,⁵ Pip Hearty,⁵ Nicola Seanor,⁶ Marie Cunningham,⁶ Robbie Foy¹ and Laura Sheard^{7*}

Disclaimer: This report contains transcripts of interviews conducted in the course of the research, or similar, and contains language which may offend some readers.

Published November 2024 DOI: 10.3310/GRFV4068

Plain language summary

Understanding and improving the quality of primary care for people in prison: a mixed-methods study

Health and Social Care Delivery Research 2024; Vol. 12: No. 46

DOI: 10.3310/GRFV4068

NIHR Journals Library www.journalslibrary.nihr.ac.uk

¹University of Leeds, Leeds, UK

²Manchester Metropolitan University, Manchester, UK

³Keele University, Staffordshire, UK

⁴University of Manchester, Manchester, UK

⁵Spectrum Community Health Community Interest Company, Wakefield, UK

⁶North of England Commissioning Support Unit, Durham, UK

⁷University of York, York, UK

^{*}Corresponding author laura.sheard@york.ac.uk

Plain language summary

People in prison often have health that is worse than people who live in the community. We do not know much about the quality of prison health care (how good it is). We also do not know much about what happens when people in prison go to see their doctor or nurse for common conditions, like asthma or diabetes. We need to understand how the quality of prison health care can be made better. This is the purpose of this study.

Between 2019 and 2022, we worked with people who had knowledge about prison health care, and they helped us focus on what was most important about clinical aspects of the quality of prison health care. We looked at 25,000 prison medical records to see if there were patterns in the data (the medical records were anonymous, so we did not know who was who). There were big differences between prisons. People who were in prison with a long sentence had better-quality health care than those with a short sentence.

We talked with 21 people who had been in prison and 22 prison healthcare staff who told us that quality could be influenced by many different things. They told us that one of the biggest issues was not enough healthcare staff in each prison. We took a closer look at mental health and found that health care was sometimes better for people with mental illness and sometimes worse. Mental distress was considered part of prison life by many people.

Overall, we found that there is a large amount of difference in the quality of prison health care. This is probably related to how health care is organised in local areas and prisons.

Health and Social Care Delivery Research

ISSN 2755-0079 (Online)

A list of Journals Library editors can be found on the NIHR Journals Library website

Health and Social Care Delivery Research (HSDR) was launched in 2013 and is indexed by Europe PMC, DOAJ, INAHTA, Ulrichsweb™ (ProQuest LLC, Ann Arbor, MI, USA), NCBI Bookshelf, Scopus and MEDLINE.

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics (COPE) (www.publicationethics.org/).

Editorial contact: journals.library@nihr.ac.uk

This journal was previously published as *Health Services and Delivery Research* (Volumes 1–9); ISSN 2050-4349 (print), ISSN 2050-4357 (online)

The full HSDR archive is freely available to view online at www.journalslibrary.nihr.ac.uk/hsdr.

Criteria for inclusion in the Health and Social Care Delivery Research journal

Manuscripts are published in *Health and Social Care Delivery Research* (HSDR) if (1) they have resulted from work for the HSDR programme, and (2) they are of a sufficiently high scientific quality as assessed by the reviewers and editors.

HSDR programme

The HSDR programme funds research to produce evidence to impact on the quality, accessibility and organisation of health and social care services. This includes evaluations of how the NHS and social care might improve delivery of services.

For more information about the HSDR programme please visit the website at https://www.nihr.ac.uk/explore-nihr/funding-programmes/health-and-social-care-delivery-research.htm

This article

The research reported in this issue of the journal was funded by the HSDR programme or one of its preceding programmes as award number 17/05/26. The contractual start date was in August 2019. The draft manuscript began editorial review in August 2022 and was accepted for publication in June 2023. The authors have been wholly responsible for all data collection, analysis and interpretation, and for writing up their work. The HSDR editors and production house have tried to ensure the accuracy of the authors' manuscript and would like to thank the reviewers for their constructive comments on the draft document. However, they do not accept liability for damages or losses arising from material published in this article.

This article presents independent research funded by the National Institute for Health and Care Research (NIHR). The views and opinions expressed by authors in this publication are those of the authors and do not necessarily reflect those of the NHS, the NIHR, the HSDR programme or the Department of Health and Social Care. If there are verbatim quotations included in this publication the views and opinions expressed by the interviewees are those of the interviewees and do not necessarily reflect those of the authors, those of the NHS, the NIHR, the HSDR programme or the Department of Health and Social Care.

This article was published based on current knowledge at the time and date of publication. NIHR is committed to being inclusive and will continually monitor best practice and guidance in relation to terminology and language to ensure that we remain relevant to our stakeholders.

Copyright © 2024 Bellass *et al.* This work was produced by Bellass *et al.* under the terms of a commissioning contract issued by the Secretary of State for Health and Social Care. This is an Open Access publication distributed under the terms of the Creative Commons Attribution CC BY 4.0 licence, which permits unrestricted use, distribution, reproduction and adaptation in any medium and for any purpose provided that it is properly attributed. See: https://creativecommons.org/licenses/by/4.0/. For attribution the title, original author(s), the publication source – NIHR Journals Library, and the DOI of the publication must be cited.

Published by the NIHR Journals Library (www.journalslibrary.nihr.ac.uk), produced by Newgen Digitalworks Pvt Ltd, Chennai, India (www.newgen.co).