

DATA AND ANALYTIC SUPPORT CORE (DASC)

JCOIN DATA COMMONS (JDC)

The Data and Analytic Support Core (DASC) has built and maintains a data commons for use by Justice Community Overdose Innovation Network (JCOIN) members and their research teams and collaborators. A data commons is a data repository that includes common data models, cloud-based workspaces, software tools and applications, and application programming interfaces (APIs) that permit interoperability with other systems. A data commons helps to ensure that data are FAIR (Findable, Accessible, Interoperable, and Reuseable), consistent with the National Institutes of Health's (NIH) 2023 Data Management and Sharing (DMS) policy. The JDC ensures that JCOIN data are stored, accessed, and analyzed securely, and has been approved by the Federal Risk and Authorization Management Program (FedRAMP) at the moderate level.

THE JDC SERVES FIVE MAIN PURPOSES:

1. It provides a secure mechanism for JCOIN researchers to share data with each other, according to a procedure established by the JCOIN Steering Committee (see below).
2. It provides a way for JCOIN researchers to browse and search available datasets, including those collected by JCOIN and related datasets of interest.
3. It provides secure workspaces in which users can analyze data.

4. It provides a dashboard-like tool that the National Institute on Drug Abuse (NIDA) can use to monitor study accrual and completeness of follow-up.

5. It provides a staging area where datasets can be prepared and validated prior to archiving with the National Addiction & HIV Data Archive Program (NAHDAP, see below).

DASC will offer online workshops and tutorials on using the JDC.

DATA SHARING

At the completion of their studies, the JCOIN 2.0 hubs, the Coordination and Translation Center (CTC), and the MAARC will share with the research community the quantitative data they have collected, in keeping with the NIH's 2023 Data Management and Sharing Policy and the data sharing requirements of the Helping to End Addiction Long-term Initiative (HEAL). This will be done by archiving the data with NAHDAP. The MAARC will coordinate this process and will transfer curated and deidentified quantitative data collected by the hubs to NAHDAP at the conclusion of each study, to minimize the burden on JCOIN principal investigators (PIs).

Quantitative Data

These include data collected using the JCOIN core measures as well as any supplemental measures collected by the hubs (from both clients and staff) during their clinical trials.

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Qualitative Data

Qualitative data collected by the hubs may be shared through the Syracuse Qualitative Data Repository (QDR). QDR staff, expert in the curation and packaging of qualitative data, are ready to work one-on-one with each hub wishing to share qualitative data. Fees for data curation and archiving have been prepaid by the MAARC, and QDR's services may be accessed by contacting them directly and identifying yourself as a JCOIN hub.

Data sharing among JCOIN investigators prior to archiving with NAHDAP, including while studies are ongoing, is strongly encouraged to facilitate and accelerate joint projects within the network. This internal sharing is governed by a procedure established by the JCOIN Steering Committee in conjunction with NIDA. JCOIN members wishing to pursue a joint project using data collected by hubs other than their own must complete a brief form describing the proposed project, the specific data to be used, and all individuals who will have access to those data (e.g., project analyst[s]). This proposal is then reviewed by the Steering Committee, at which time each hub PI may request to be included or decline participation (including declining the use of data collected by their hub). Once a project has been approved by the Steering Committee, the DASC will create a data product containing only the requested data and make those data available to the individuals specified in the project proposal through the JDC. Such data may be used solely for the approved project and only for the period specified in the project proposal.

DATA SUBMISSION

Hubs submit data to the DASC on a regular basis to permit NIDA to monitor study accrual and to ensure that all data management and sharing processes are working smoothly. Data must be organized and coded according to schemas provided by the DASC, and are uploaded in a common, open format (CSV). Data must be validated against the schemas prior to upload. The DASC works with each hub's data manager to provide guidance and answer questions about the process, as necessary.

HUB PI RESPONSIBILITIES REGARDING DATA SHARING

A hub PI's responsibilities are limited to the following: (1) submit quantitative data collected using core and supplemental measures to the MAARC, using the procedures it has developed; (2) work with NAHDAP and their home institution to execute the release to share data; and (3) review their hub's project page on NAHDAP's data portal and provide any additional information about their study requested by NAHDAP; (4) inform NAHDAP whether they wish to be contacted in the event that a data user has a question about the study or data that NAHDAP cannot answer; and (5) work with QDR to archive their qualitative data, if desired.

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REQUESTS FOR TECHNICAL ASSISTANCE

Technical assistance requests for all questions regardless of the MAARC core should be submitted via [the online form](#). You may also access the form by scanning the below QR code:



Please allow 3–5 business days for a MAARC team member to contact you. Requests submitted via email, including direct requests to other MAARC cores, may be lost or may result in longer processing times.

For general JCOIN MAARC questions, please contact maarc@uchicago.edu.

For specific questions related to data submission, please contact:
jcoin-support@gen3.org.