

Sussex Integrated Dataset - SID

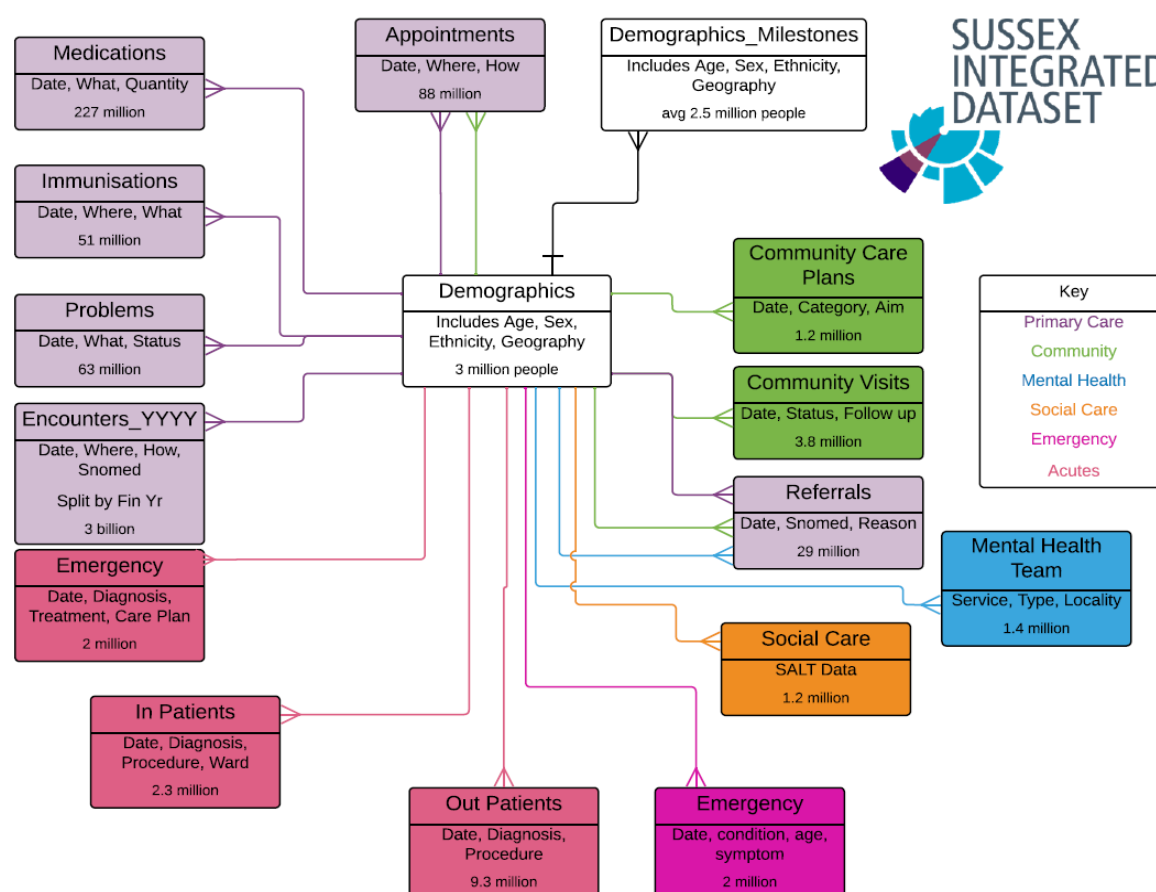
Key contact details:

To get in touch with the SID team please direct your queries to ESHT.SIDAccess@nhs.net.

SID data dictionary:

The SID is a primary and secondary health and social care dataset that links routinely collected service user and activity data from care providers in Sussex to help plan and improve services for the local population. SID contains data from all Sussex NHS Trusts, 97% of primary care practices, adult social care data and ambulance data. All data is held at patient level (not aggregated) and patients are linked by a unique SID ID. Patient identifiers are removed or encrypted so no patient is identifiable from the data.

Below is a diagram showing the different data, variables and sources contributing to the SID.



Primary Care	Social Care	Community	Mental Health	Acutes	Emergency
134 Practices from East Sussex and BHCC.	BHCC ESCC WSCC	SCFT ESHT	SPFT	UHSx, ESHT, QVH	SECAMB

Abbreviations: BHCC – Brighton and Hove City Council, ESCC – East Sussex County Council, WSCC – West Sussex County Council, SCFT – Sussex Community Foundation NHS Trust, ESHT – East Sussex Health Trust, SPFT – Sussex Partnership Foundation NHS Trust, UHSx – University Hospitals Sussex, QVH – Queen Victoria Hospital, East Grinstead, SECAMB – South East Coast Ambulance Service.

Accessing SID data:

There are currently two data access pathways for requesting SID data, one for internal applicants (analysts employed by any data-contributing Sussex-based NHS or Local Authority organisation) and another for external applicants. Both data access pathways are detailed below.

Internal Applications:

Applicants employed by or have a contract with a Sussex NHS Trust, primary care network, or local authority can apply for access directly to SID. The request pathway is outlined below.

Step 1: Complete a DAR application form and submit it for review to ESHT.SIDAccess@nhs.net. You can request a copy of the application form and direct any questions about the dataset ahead of applying for access to ESHT.SIDAccess@nhs.net.

Step 2: This request form will then be assessed against a set of criteria and guardrails by the SID Analytics Working Group (AWG).

Step 3: If the DAR is approved, the individual/team is given access to the data via a virtual data and analytics environment hosted in a cloud-based virtual machine.

The SID team will aim to review, approve and provide the requested output within one month of receiving the initial DAR.

General tips for completing a successful DAR application:

- Be transparent – be clear and consistent.
- Be precise – list your purpose, explain acronyms and assume that the application will be read in isolation to other documents. Your purpose should explain: WHY you need data; HOW you will turn the data into products that generate benefits to the local, Sussex area.
- Learn from others.

Submission of a DAR to SID confirms that the applicant and anyone with nominated access has agreed to the User Access Agreement and associated conditions. Data users will need to sign a formal agreement to confirm that no attempts at re-identification will be made with the data.

SID will carry out regular auditing and monitoring activity, and all outputs will be reviewed and approved by the AWG before being disseminated.

It is also a requirement for all users of SID data to have up-to-date information governance training and appropriate data analyst-type skills. A list of useful training courses and materials for researchers is available on the [ARC KSS Data Science Hub website](#). Users of the data must be familiar with SQL environments and be able to construct queries in SQL. Users are also expected to be able to construct code in any of the following: R, Python, PowerBI, Tableau.

At present there are no fees associated with internal SID data access requests.

External Applications:

For those who are not employed by or have a contract with a Sussex NHS Trust, primary care network, or local authority, an external application will need to be made via the Kent, Medway and Sussex Secure Data Environment (KMS SDE).

The KMS SDE is 1 of 12 regional SDEs, providing secure access to healthcare data for research and innovation. The KMS SDE allows approved users to apply, securely access and analyse de-identified (pseudonymised) health and social care data from across Kent, Medway and Sussex, providing a trusted data environment for approved researchers to use.

The KMS SDE holds NHS health and social care data from Kent, Medway and Sussex. This includes SID data, which can flow into the SDE. To find out more about the KMS SDE and its involvement with the SID, check out the [KMS SDE website](#). Further information about KMS SDE can also be found on the [ARC KSS Data Science Hub here](#). The KMS SDE team can be contacted directly with any queries at scwcsu.kmssde@nhs.net.

The data access request pathway for external applications to SID data via KMS SDE is outlined below.

Step 1: Applicant submits an enquiry form ([found here](#) under the 'information for researchers' tab) outlining their proposed project.

Step 2: KMS SDE team check that the individual applicant and their organisation is validated. The KMS SDE team will then conduct a feasibility assessment, provide a detailed cost model and allocate a project manager to advise and support the applicant through the process.

Step 3: If approved, the applicant will be required to complete a full Data Access Request Form and Ethics Self-Assessment. This will initially be reviewed by the KMS SDE team and then passed to the Data Access Committee for review.

Step 4: The Data Access Committee will hold a review meeting, where the lead researcher is invited to present. The Committee will aim to provide a decision on the outcome of the request during the review meeting.

Step 5: If access is approved the lead researcher will need to sign and return the Data Access Agreement.

Step 6: The requested data are prepared and deposited into a project workspace within the KMS SDE environment. Users are provided with login credentials to access the requested data in the secure environment.

KMS SDE aims to provide data to approved users within 1 month. The realistic timescale at present is between 2 – 3 months. More complex data requests will take longer to process and prepare.

It is a requirement that all approved users of KMS SDE have successfully completed recent information governance, data security and GDPR training. Users will also need to sign and return a Data Access Agreement (as shown in Step 5) agreeing to terms of use before any data is made available within the KMS SDE environment.

The KMS SDE offers a range of tools for analysts to use, including statistical programmes, code libraries, additional support, multiple virtual machines, and more. [Further information can be found here](#), or by contacting the KMS SDE team at scwcsu.kmssde@nhs.net.

KMS SDE charge for access to the data. Fees will be agreed near the start of the process (see Step 2) ahead of any work commencing. Example costings start at £5,000 but charges will vary project by project. Applied costs will depend on the complexity of the data request and the subsequent time and resource of the KMS SDE team to handle and prepare the data.

Additional information:

Information about other data available within KMS SDE can be found on the [HDRUK gateway](#). It may also be useful to look at the projects already using KMS SDE data via [the data use registers](#) (found under the 'current projects' tab).

Last reviewed: 06/03/2025

End of document.