

DATA FLOW: DATA LINKAGE

Existing data

Databases held by NCISH at the University of Manchester (UoM):

Databases held by the Office for Health Improvement and Disparities (England) (OHID), Digital Health & Care Wales (DHCW) and Public Health Scotland (PHS)

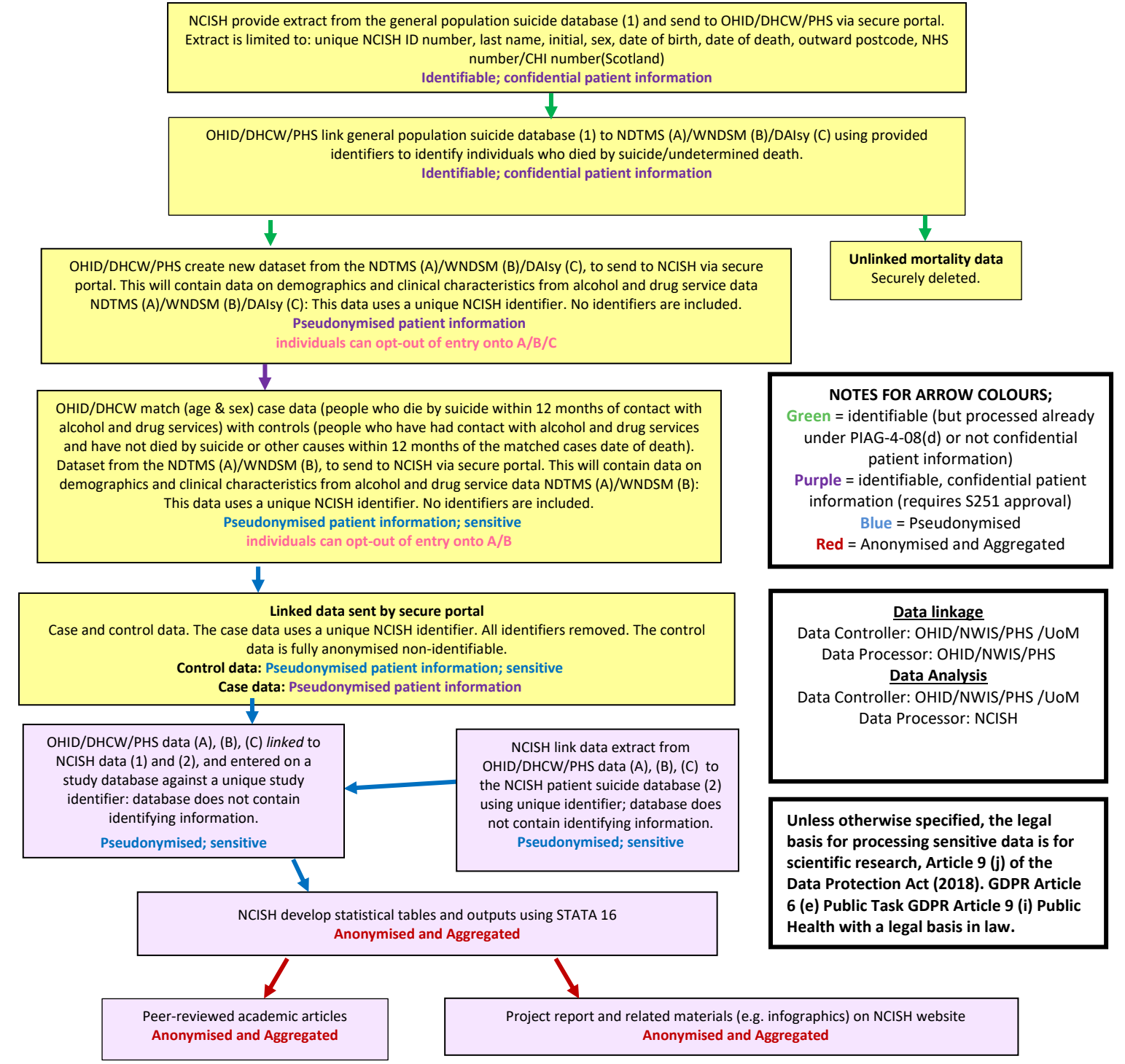
(1) NCISH general population suicide database (mortality data previously supplied by national data providers in England, Wales & Scotland) (deaths registered 1st October 2021 to 30th September 2022 (E&W) deaths registered 1st April 2022 to 30th September 2022 (Scot)).
Data Controllers: Office for National Statistics (ONS)
Identifiable; Sensitive (processed under PIAG-4-08(d)/2003)

(2) NCISH database of suicide deaths in people in recent contact with mental health services (deaths registered 1st October 2021 to 30th September 2022).
(Joint) Data Controllers: Healthcare Quality Improvement Partnership (HQIP)/NHS England
Pseudonymised; sensitive (processed under PIAG-4-08(d)/2003)

(A) National Drug Treatment Monitoring System (NDTMS) (database of all people who have had contact with alcohol and drug services in England).
Data Controller: Office for Health Improvement and Disparities
Identifiable; confidential patient information

(B) Welsh National Database for Substance Misuse (WNDSM) (database of all people who have had contact with alcohol & drug services in Wales)
Data Controller: Digital Health & Care Wales
Identifiable; confidential patient information

(C) the Drug and Alcohol Information System (DAISy). (database of all people who have had contact with alcohol & drug services in Scotland).
Data Controller: Public Health Scotland
Identifiable; confidential patient information



NOTES FOR ARROW COLOURS;
Green = identifiable (but processed already under PIAG-4-08(d) or not confidential patient information)
Purple = identifiable, confidential patient information (requires S251 approval)
Blue = Pseudonymised
Red = Anonymised and Aggregated

Data linkage
 Data Controller: OHID/NWIS/PHS /UoM
 Data Processor: OHID/NWIS/PHS
Data Analysis
 Data Controller: OHID/NWIS/PHS /UoM
 Data Processor: NCISH

Unless otherwise specified, the legal basis for processing sensitive data is for scientific research, Article 9 (j) of the Data Protection Act (2018). GDPR Article 6 (e) Public Task GDPR Article 9 (i) Public Health with a legal basis in law.

DATA FLOW: COLLECTION OF CLINICAL INFORMATION

Existing data

Databases held by NCISH at the University of Manchester (UoM):

Databases held by the Office for Health Improvement and Disparities (England) (OHID) and Digital Health & Care Wales (DHCW)

(1) NCISH general population suicide database (mortality data previously supplied by national data providers in England, Wales) (deaths registered 1st October 2021 to 30th September 2022).
Data Controllers: Office for National Statistics (ONS)
Identifiable; Sensitive (processed under PIAG-4-08(d)/2003)

(2) NCISH database of suicide deaths in people in recent contact with mental health services (deaths registered 1st October 2021 to 30th September 2022).
(Joint) Data Controllers: Healthcare Quality Improvement Partnership (HQIP)/NHS England
Pseudonymised; sensitive (processed under PIAG-4-08(d)/2003)

(A) National Drug Treatment Monitoring System (NDTMS) (database of all people who have had contact with alcohol and drug services in England).
Data Controller: Office for Health Improvement and Disparities
Identifiable; confidential patient information

(B) Welsh National Database for Substance Misuse (WNDSM) (database of all people who have had contact with alcohol & drug services in Wales)
Data Controller: Digital Health & Care Wales
Identifiable; confidential patient information

NCISH send general population suicide data (1) via secure portal to OHID/DHCW to link to NDTMS (A)/WNDSM (B) using provided identifiers to identify individuals who died by suicide/undetermined death. This data uses a unique NCISH identifier. All identifiers removed before sending via secure portal to NCISH.
Pseudonymised; sensitive patient information

NOTES FOR ARROW COLOURS;
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Purple = identifiable, confidential patient information (requires S251 approval)
Blue = Pseudonymised
Red = Anonymised and Aggregated

NCISH request Serious Incident Reports/Incident Reviews (where applicable) from alcohol and drug service providers: These are sent via secure nhs.net email.
Pseudonymised; sensitive patient information

Data processing: NCISH
 Data Controller: OHID/DHCW/UoM
 Data Processor: NCISH

NCISH extract information related to pre-identified variables on data extraction pro-forma, from: Serious Incident Reports/Incident Reviews.
Pseudonymised; sensitive patient information

Data extraction
 Data Controller: OHID/DHCW/UoM
 Data Processor: NCISH

Information from pro-forma entered on an 'alcohol and drug study' database against unique patient identifier: database does not contain identifying information
Pseudonymised; sensitive patient information

Data Analysis
 Data Controller: OHID/DHCW/UoM
 Data Processor: NCISH

NCISH develop statistical tables and outputs using STATA 16
Anonymised and Aggregated

Unless otherwise specified, the legal basis for processing sensitive data is for scientific research, Article 9 (j) of the Data Protection Act (2018). GDPR Article 6 (e) Public Task GDPR Article 9 (i) Public Health with a legal basis in law.

Peer-reviewed academic articles
Anonymised and Aggregated

Project report and related materials (e.g. infographics) on NCISH website
Anonymised and Aggregated