

Royal College of Physicians

National respiratory audit programme (NRAP)

Children and young people asthma: Data flows Section 251 approval: 19/CAG/0001

Existing datasets	Trusts/Services	Crown Informatics (Web-tool contractor) Data Controller: HQIP Data Processer: Crown	Imperial College London (Analysis contractor) Data Controller: HQIP Data Processor: Imperial	Royal College of Physicians Data Controller: HQIP Data Processor: RCP	NHSE DARS and DHCW (Data Linkage) Data Controller: HQIP Data Processor: Crown, RCP, NHSE and DHCW Data Controller: Multiple	Third party appl Data controller: Data Processor: (subject to appli 251 CAG)
Secondary care hospital/trust patient data (with NDO applied) Controller: hospital/trust Data: identifiable; sensitive IMD data Controller: NHS England (NHSE) Data: identifiable; sensitive ONS mortality data Controller: NHSE Data: Identifiable; sensitive HES data Controller: NHSE Data: identifiable; sensitive PEDW data Controller: Welsh Government (DHCW) Data: identifiable; sensitive	Trusts/services send identifiable children and young people asthma audit data to web-tool. <i>Identifiable; sensitive</i> Trusts/services able to download extracts/reports of own data from web-tool for local review. <i>Identifiable; sensitive</i> Publicly available run charts provided on web- tool <i>Anonymised and</i> <i>aggregated</i>	Identifiable children and young people asthma audit data stored in web-tool. <i>Identifiable; sensitive</i> Crown sends identifiable data to NHSE/DHCW for linkage purposes. <i>Identifiable; sensitive</i> Crown pseudonymises data - NHS number changed to study ID, DOB changed to age, Postcode to LSOA. The same data is anonymised for RCP <i>Sensitive</i>	Imperial receive pseudonymised, patient level data to conduct analyses for audit and research outputs. Sensitive Imperial combines data from HES, PEDW, ONS with CYP asthma data. Sensitive	RCP receive anonymised, aggregated (i.e. analysed) data from Imperial to provide commentary and publish: - Children and young people asthma audit national and combined Reports - Peer reviewed articles - Abstracts and presentations Small numbers are suppressed Anonymised and aggregated RCP receive anonymised, aggregated (i.e. analysed) data from Crown to provide publish children and young people asthma regional reports. Small numbers are suppressed Anonymised and aggregated	 NHSE link data and provide HES and ONS data for children and young people asthma audit cohort + non- sensitive data for CYP patients with asthma codes not in cohort (case ascertainment). DHCW link data and provide PEDW data for children and young people asthma audit cohort + non-sensitive data for CYP patients with asthma codes not in cohort (case ascertainment). <i>Identifiable; sensitive</i> NHSE and DHCW pseudonymise the linked data as follows: NHS number changed to study ID, DOB changed to age, Postcode to LSOA. NHSE would also apply NDO to English data. Data is then transfered to Imperial College London <i>Sensitive</i> 	Unlinked da Imperial tran (patient-lever request) to t been approv Sensitive Third party and research Third party Anoymised Small numb Third party audit and r Uniked data Crown tran audit data request has HQIP. NHSE trans party appli NHSE DARS RCP). DHCW tran applicant, f
	Trusts/Services register user information on NRAP audit web-tool. <i>Identifiable; sensitive</i>	User information is stored by Crown on the NRAP web-tool. <i>Identifiable; sensitive</i>	Imperial publish research findings [post approval by the RCP and HQIP's DARG process]. Anonymised and aggregated Small numbers suppressed	NRAP team has access to user information via the NRAP web- tool for administrative purposes. Identifiable; sensitive	Key Red = Identifiable (Section 251 approval) Purple = Identifiable Trust user (Consent) Blue = Anonymised Green = Anonymised and Aggregated Yellow = Pseudonymised	Informatio and the RC

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nsfer PEDW data to third party following application to DHCW on Services (facilitated by Crown CP).	