

JAG

Joint Advisory Group
on GI Endoscopy

NED | NATIONAL
ENDOSCOPY
DATABASE

How to access endoscopist data and key performance indicators (KPI's) on the National Endoscopy Database

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 Royal College of Physicians

The National Endoscopy Database (NED) automatically uploads non patient identifiable procedural data that has been added to endoscopy reporting systems from participating sites. These data are analysed to produce key performance indicators (KPIs) that can be used by individual endoscopists.

This guide outlines how an endoscopist can gain access to their own data in NED and use it for appraisal and revalidation.

Accessing NED

Login by clicking on Login button on homepage.

Welcome to NED the National Endoscopy Database

The National Endoscopy Database (NED) is populated by data extracted automatically from the endoscopy reporting system (ERS) at endoscopy services in the UK. The NED makes data available in user friendly outputs for clinicians, services and for research purposes.

The aim of the NED is to:

- Support and enable improved quality assurance in endoscopy
- Enhance JETS (JAG Endoscopy Training System) removing the need for double data-entry for trainees
- Offer potential for research by providing a central store of key endoscopy data

The endoscopy reporting software suppliers involved in the project and their progress towards being NED compliant can be found in the [resources tab](#).

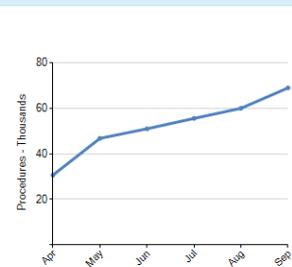
The NED is being developed by JAG with support of several other societies and colleges.

Logon to NED [Forgot password?](#)

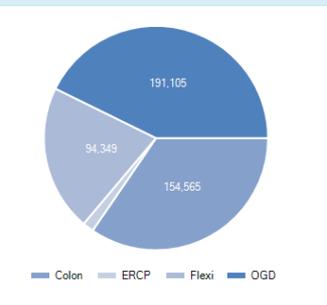
[Login](#)

If you have a JETS account, please log in with your JETS user name and password. If you don't already have a NED/JETS account, [register for one here](#).

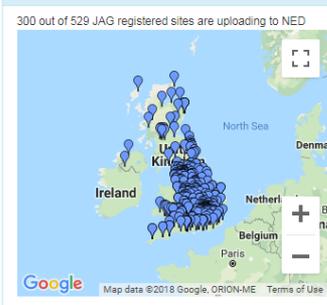
Procedures Loaded per Month



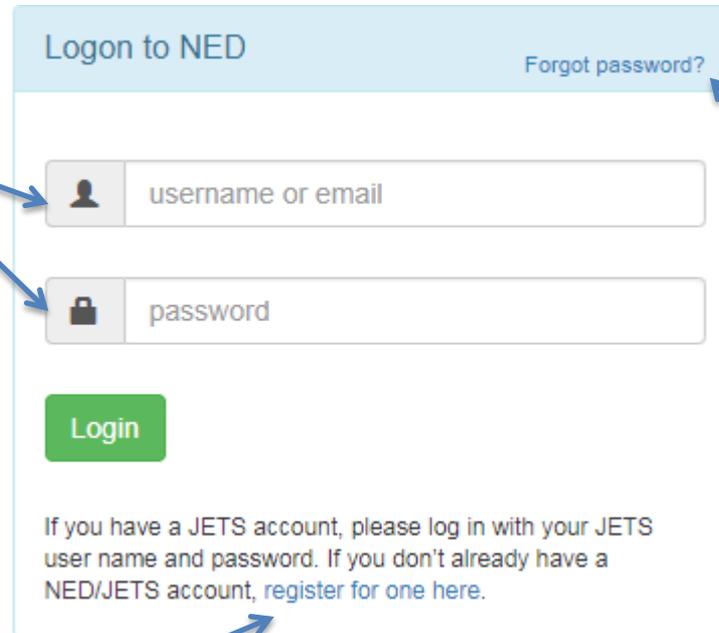
Total Procedures Loaded into NED



Sites uploading to NED



If user has an account on JETS, use JETS username and password to login.



The screenshot shows the 'Login to NED' interface. At the top right is a link for 'Forgot password?'. Below this are two input fields: the first is labeled 'username or email' and the second is labeled 'password'. A green 'Login' button is positioned below the password field. At the bottom of the form, there is a paragraph of text: 'If you have a JETS account, please log in with your JETS user name and password. If you don't already have a NED/JETS account, [register for one here.](#)'

JETS username/
password reminders
can be generated by
clicking on the
'Forgot password?'
link on the login
screen.

If user is not already
registered on JETS,
register for an account,
but clicking on 'register
for one here' link and
completing the short
online form.

Using NED

The homepage provides a dashboard of core KPIs for OGD, Flexible sigmoidoscopy, colonoscopy and ERCP (full ERCP functionality is not yet available).

PILOT NED | NATIONAL ENDOSCOPY DATABASE

Home KPIs Resources NED Admin Support Your profile

Please be aware - The NED system and KPI tool are in the pilot testing phase, data on the tool is currently being validated, we would welcome your feedback on the functionality of the tool and any thoughts you may have on additional functionality you would like to see added. [Please click here to provide feedback.](#)
You are looking at the **Pilot** instance of NED.

Filters

Country: All Countries Trust: All Trusts Site: All Sites

Procedure: OGD, Colon, Flexi, ERCP

Date Range: View Quarters Year From: 2017 Year To: 2018 Apply Date

Procedures performed by: Independent and Trainee

Excel Date Order

All KPIs Pilot KPI Activity Demographics

Flexi

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You are looking at the **Pilot** instance of NED.

Filters

Country All Countries	Trust All Trusts	Site All Sites		
Procedure OGD	Date Range View Quarters	Year From 2017	Year To 2018	Procedures performed by Independent and Trainee

Apply Date

Clear Filters Export to Excel Date Order

Core KPIs All KPIs Plot KPI Activity Demographics

The site (if working at multiple hospitals), procedure and date range can be filtered using the drop down menus.

Changing the 'Date Order' (using the Date Order button) can make the data easier to read.

More in depth KPIs can be seen by selecting the 'All KPIs' tab and a particular procedure type.

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You are looking at the **Pilot** instance of NED.

Filters

Country: All Countries | Trust: All Trusts | Site: All Sites

Procedure: D&D | Date Range: View Quarters | Year From: 2017 | Year To: 2018 | Procedures performed by: Independent and Trainee

Clear Filters | Export to Excel | Date Order

Core KPIs | **All KPIs** | Plot KPI | Activity | Demographics

Show 50 entries | Search:

KPI	2017 Q1	2017 Q2	2017 Q3	2017 Q4	2018 Q1	2018 Q2	2018 Q3	2018 Q4
Procedure Count								
D2 Intubation rate								

The traffic light system compares users performance against national benchmarks (where minimum standards or targets have been published).

- Green = above aspirational targets
- Amber = between minimum standard and aspiration targets
- Red = below minimum standard

KPI	2017 Q1	2017 Q2	2017 Q3	2017 Q4	2018 Q1	2018 Q2	2018 Q3	2018 Q4
Procedure Count								
D2 intubation rate								
J manoeuvre rate								
Median dose of Pethidine								
Median dose of Pethidine >=70								
Median dose of Midazolam								
Median dose of Midazolam >=70								
Median dose of Fentanyl								
Median dose of Fentanyl >=70								
Unsedated Procedures								
Greater than recommended dose								
Comfort Score								

Compare performance to other endoscopists in organisation using a funnel plot by clicking on and individual KPI or the 'Plot KPI' tab. Other endoscopists in your organisations appear as anonymised 'dots' on the graph. Definitions for the limits and standards are presented below the graph.



The screenshot shows the 'Filters' section of the NED database interface. It includes dropdown menus for 'Country' (All Countries), 'Trust' (All Trusts), and 'Site' (All Sites). Below these are 'Procedure' (OGD), 'Date Range' (View Quarters), 'Year From' (2017), and 'Year To' (2018). There is an 'Apply Date' button and buttons for 'Clear Filters', 'Export to Excel', and 'Date Order'. A 'Procedures performed by' dropdown menu is open, showing options: 'Independent and Trainee', 'Independent', 'Trainees', 'Independent and Trainee', and 'Trainer data only'. Below the filters are tabs for 'Core KPIs', 'All KPIs', 'Plot KPI', and 'Activity'. The 'Plot KPI' tab is active, showing a 'KPI' dropdown set to 'D2 intubation rate', a 'Point size' dropdown set to '12', and a 'Hi Res Image' button.

Data can be segmented by 'Independent', 'Trainees', 'Independent and Trainee' or 'Trainer data only' by using the drop down menu near the filters.

By clicking on 'Export to Excel', an Excel spreadsheet summarising KPI data that can be used for appraisal or revalidation purposes can be generated.

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If you have any questions please contact
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