NATIONAL TRAINING SURVEY | 2013
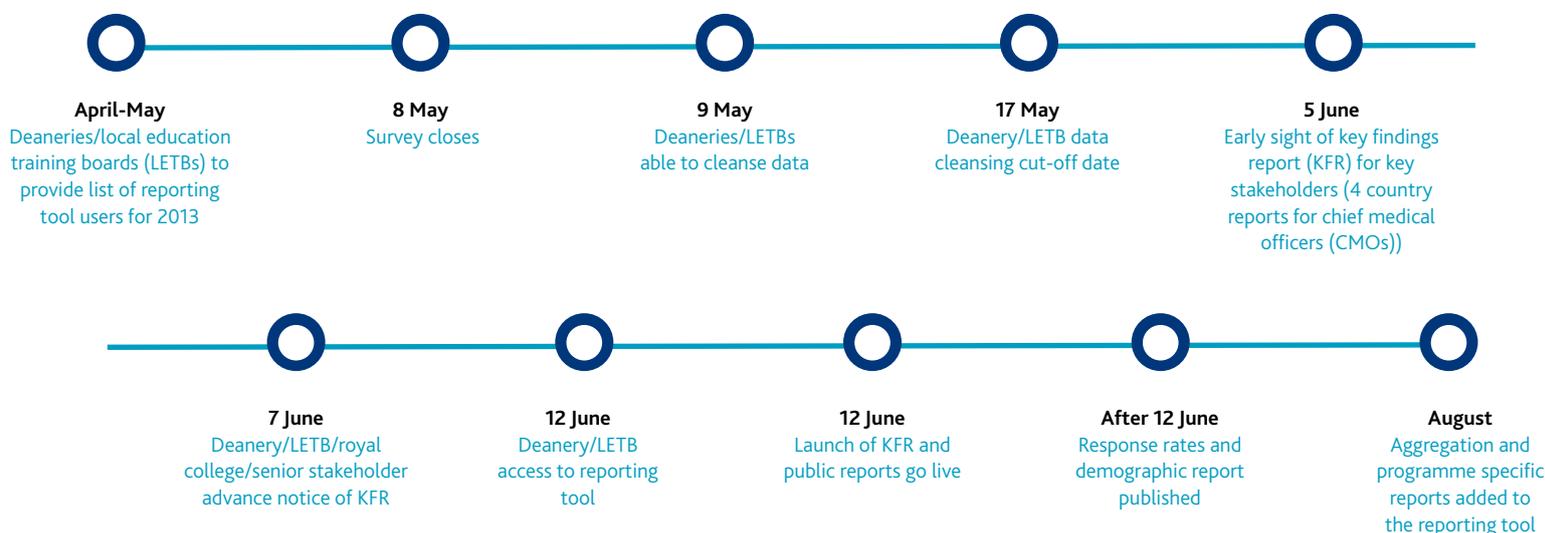
Reporting the 2013 survey
Briefing note 5

Following the launch of the new reporting tool in 2012, we have listened to feedback from stakeholders and in 2013 we will introduce a number of improvements to the tool. We will deliver most of the changes in June in time for the launch of the reports and some later in the year during August.

You can find a short summary of each improvement in the table below and a fuller explanation later in this briefing note.

We will issue a user guide containing detailed instructions on how to use the tool in June (with updates in August). Also in June, we will produce a series of quick reference guides to help infrequent and occasional users find the reports they need.

Reporting timeline

April-May
Deaneries/local education training boards (LETBs) to provide list of reporting tool users for 2013

8 May
Survey closes

9 May
Deaneries/LETBs able to cleanse data

17 May
Deanery/LETB data cleansing cut-off date

5 June
Early sight of key findings report (KFR) for key stakeholders (4 country reports for chief medical officers (CMOs))

7 June
Deanery/LETB/royal college/senior stakeholder advance notice of KFR

12 June
Deanery/LETB access to reporting tool

12 June
Launch of KFR and public reports go live

After 12 June
Response rates and demographic report published

August
Aggregation and programme specific reports added to the reporting tool

System downtime: 14 May to 11 June

To enable us to implement the improvements to the reporting tool, we need to take the tool offline for a short period before the launch of the 2013 reports.

This means that from 14 May to 11 June you won't have access to the 2012 reports online. If you anticipate that you will need any information from the tool during that period, please download the information you need before 14 May.

Our teams will have access to 2012 reports but we'll be busy running the survey and preparing for the 2013 reports, so we may not be able to respond to requests as quickly as usual.

Deanery data updates

When the survey opens on 26 March deaneries will have provided full, clean datasets to us, which are loaded into our system. During the survey, the trainees have an opportunity to request changes to some of their personal data (location, specialty, training level etc) and deaneries are able to approve or reject these changes through GMC Connect.

Trainees will also give us training data that is not directly available for approval in GMC Connect, as it will have been collected via the questionnaire itself. For the following data items, we will upload spreadsheets into GMC Connect for the deaneries to review after the survey closes. We will also do this midway through the survey to give you a chance to review some of this data beforehand.

- Academic training type
- Paediatric sub-speciality post
- Multi-site working

After the survey closes, deaneries will have two weeks to cleanse all the training data before we finalise the reports.

Key findings report

The 2013 key findings report will be in the same shorter format as the 2012 report. We will publish it on our website on 12 June and give advance notice to chief medical officers and the health departments, postgraduate deans, royal college presidents and some other senior stakeholders.

Survey population report

This year we will publish a survey population report. This will include survey response rates broken down by deanery and specialty and analysis of the survey population by demographic groups.

Reporting tool

Changes to the reporting tool

Improvement	Description	Date
Clearer navigation menus	We have replaced the first page of both the outlier reports and the indicator reports with menus that explain each report.	June
Site level reports published	We have enabled access to site level reports for public tool users.	June
Clearer all data view	We have improved the look-and-feel of the all data view and introduced filters to enable you to rank indicator scores.	June
Introduction of trend reports	You will now be able to compare the outcomes in outlier reports year-on-year from 2012 onwards.	by July
Ability to aggregate reports	You will now be able to aggregate the scores for two or more years in indicator reports.	August
Easier navigation to question/item reports	You will now be able to access the question/item reports directly from outlier reports. This means you won't need to replicate your outlier reports in indicator analysis to access the questions/items.	August
Display null values in question/item reports	The question/item reports will now display empty columns for the response option where there are no responses.	August
Programme specific reports online	You will now be able to view reports for the specialty and programme specific questions in the reporting tool.	August

Clearer navigation menus (published June 2013)

We have now made it easier for you to find the report that you need. Each report home page (ie outlier, indicator) will have a menu that explains each report, to help you decide which report you need to see.

Fig 1: partial view of the new menu

Report Name	Report Description	Compares	Benchmark Group	Additional Reports	Related Outlier Report
Post specialties by trust/board	This report provides results of all trainee responses by post specialty, including foundation, core and others in rotation. For example: general surgery trainees at Airedale NHS Foundation Trust compared to all surgical posts.	Different post specialties within a trust/board or different trust/boards for a certain post specialty For example: cardiology at Airedale NHS Foundation Trust or all post specialties at Airedale NHS Foundation Trust.	Post specialty groups For example: all medicine posts, all O&G posts, all psychiatry posts, etc.	1. All results 2. Post specialty by site	1. Post specialty
Programme group by	This report provides results for trainee responses based on their programme	Programmes grouped by level/post by trust board	Programme groups For example: all F1 trainees, all F2	1. All results	1. Programme group

Site level reports published (published June 2013)

In 2012 there was a small risk that by triangulating our reports with information from elsewhere, users could deduce the survey responses of a small number of individuals. To eliminate this risk we removed some reports from the public reporting tool, including site level indicator reports and the report for post specialty by site.

In 2013 we will display an n-range* in increments of 5, rather than a precise n on all reports in the public reporting tool. This eliminates completely the possibility of identifying a report where an individual response can be deduced, and will allow us to publish all the reports we removed in 2012 (for both 2012 and 2013).

Fig 2: partial view of the all data view in the public reporting tool, displaying n range

Hint
1. Click on the **Mean column heading** to sort the results. Click once to sort in ascending order and click again to sort in descending order.
2. The indicator filter can be used to show/hide the results for any of the indicators. Please use this if you only want to view results for a single indicator.

Report By	Post Specialty	Trust / Board	Indicator	Year	Mean	Outcome	Lower CI	Upper CI	n Range	SD	National Mean	National Min	National Q1	National Median	National Q3	National Max	National Lower CI	National Upper CI	National N
Post Specialty by Trust/Board	Anaesthetics	Aneurin Bevan Lhb	Clinical Supervision	2013	80.90	Within IQR	75.20	86.60	41 to 45	19.08	79.87	14.00	62.00	88.75	95.00	100.00	79.31	80.44	4441
Post Specialty by Trust/Board	Anaesthetics	Aneurin Bevan Lhb	Overall Satisfaction	2013	75.16	Within IQR	70.32	80.01	41 to 45	16.20	74.09	20.00	60.00	80.00	92.00	100.00	73.51	74.67	4442
Post Specialty by Trust/Board	Anaesthetics	Aneurin Bevan Lhb	Adequate Experience	2013	70.93	Within IQR	64.68	77.18	41 to 45	20.91	74.95	20.00	60.00	80.00	90.00	100.00	74.34	75.56	4442

Clearer all data view (published June 2013)

You can access all data view from the additional reports menu in the top right hand corner of outlier reports. This view gives you all the numbers behind your outlier report.

In 2013 you will see some aesthetic and functional improvements to this view. We have sorted the columns so the 'local' scores are first and changed the column colours so there is an obvious difference between 'local' and 'national' figures.

We have now added filters to this view to allow you to further refine your report. The indicator filter means you can select one indicator only and rank indicator scores.

Introduction of trend reports (published by July 2013)

For the first time ever, we will publish the results of two years side-by-side to allow online trend analysis. In the new trend analysis tab on the reporting tool, you will find outlier reports with columns for 2012 and 2013.

Fig 3: partial view of a sample trend analysis report

Post Specialty	Trust / Board	Indicator	Outcome 2012	Outcome 2013	Mean 2012	Mean 2013
Paediatrics	Aneurin Bevan NHS Foundation Trust	Access to Educational Resources			67.86	71.02
		Adequate Experience			87.57	82.72
		Clinical Supervision			86.50	77.79
		Educational Supervision			81.07	81.07
		Feedback			48.82	49.13
		Handover			74.65	56.43
		Induction			76.15	72.29
		Local Teaching			67.17	59.74
		Overall Satisfaction			82.12	76.57
		Regional Teaching				
		Study Leave			55.56	55.56
		Work Load			40.63	42.77

*   n is the number of respondents' responses being counted towards a score.

Ability to aggregate reports (published August 2013)

In the new aggregation tab you will be able to produce indicator reports which include the results of more than one year. The main aim of this feature is to produce scores for small specialties and locations that have previously had no report because of the n>2 rule (we only report where there are three or more trainees).

In 2013 any reportable unit (specialty or location) where n=1 or 2 in either 2012 or 2013 can now be aggregated over the two years so that n=>3.

Easier navigation to question item reports (published August 2013)

In 2012 to see the question item reports that contribute to an outlier you needed to replicate your outlier report in indicator analysis and click through the bar graph to see the histograms underneath.

In August 2013, you will be able to see the question items for your outlier reports directly by clicking on the relevant link in the all data view. This feature will significantly reduce the work you need to do to investigate your outliers.

Fig 4: all data view - clicking on the mean score will take you to the question item report

Display null values in question item reports (published August 2013)

Currently null values (where there is a question response option that nobody has selected) are not displayed in the question/item charts. This means that some charts do not display the full series of response options.

In August we will rectify this issue and all response options will be displayed even if nobody has selected them.

Programme specific reports online (published August 2013)

In 2012 we manually produced programme specific reports in PDF form. These reports show the results for the programme/specialty specific questions which are appended to the survey. (For example, foundation trainees answer questions about the foundation programme, gastroenterology trainees answer questions about their gastroenterology training.)

The reports display the results for each question by deanery and by training level as well as the national totals.

**Fig 5: part of a programme specific report (PDF) from 2012.
The reporting tool version will look slightly different to this.**
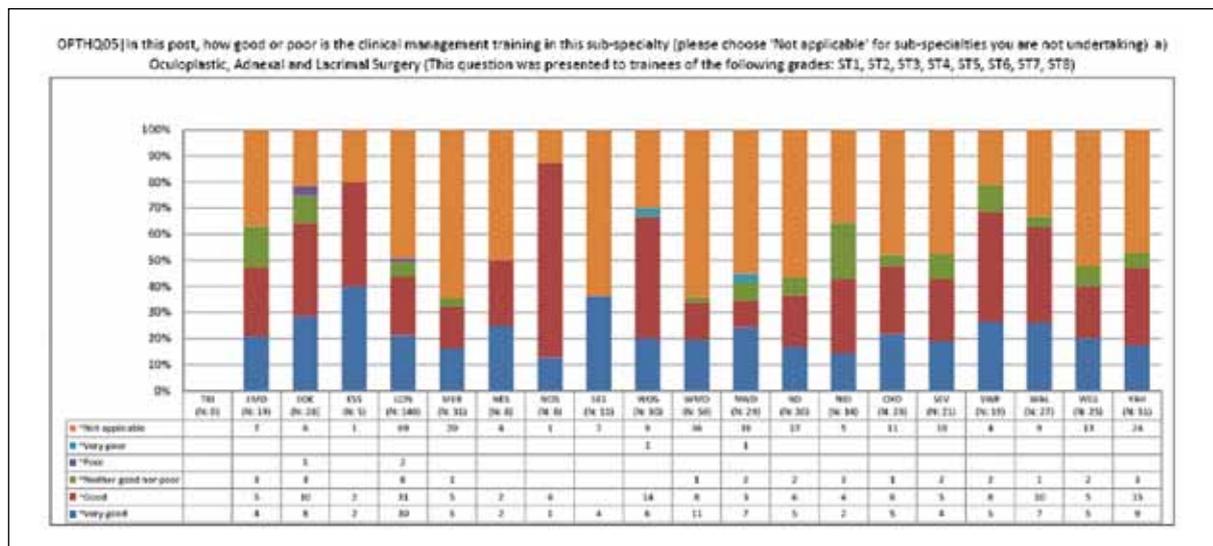
User accounts

Most users won't need user accounts in 2013
In 2012 we issued user accounts for the restricted access reporting tool to postgraduate deans, deanery staff, directors of medical education and training programme directors. Each of these users signed a confidentiality agreement.

Giving access to the restricted tool to these users was necessary so they could see the site-level reports which weren't available in the public reporting tool, and fulfil their duties to our quality assurance processes.

In 2013 we will display n as a range in the public tool and therefore publish the site-level reports that weren't available last year. This will significantly reduce the overall requirement for user accounts, as most users will be able to access the information they need in the public tool. We can therefore restrict user accounts to deanery staff responsible for deanery survey data.

We will write to deaneries during April and May to update our list of user accounts.

Webinars

In June we will run a series of webinars (a live, online presentation) for different stakeholder groups. The aim will be to demonstrate the reporting tool and show the different users how to get the information they need.

We will be able to take questions during the webinars and respond to them in real time.

We will record the webinars and upload them to our website for anyone who is unable to join in on the day.

Videos

After we launch the results, you will find a series of short, instructive videos on our website. These will show users in a few simple steps how to produce certain types of report. These will be targeted to user types by job role (for example trust chief executives) and show them the type of report that their peers are interested in.

Undermining, clinical environment and clinical supervision out of hours questions

There are a number of questions in the survey that do not contribute to indicators in the reporting tool in 2013 and the results for these questions will not appear in the reporting tool. Instead, in the autumn, we will publish a narrative report on the analysis we've done.

Following the analysis we will discuss with stakeholders whether these questions could be included in the online reporting tool in the future.

Questions	Status
Undermining	The answers to questions on undermining will no longer be published in the online reporting tool.

This is because the majority of trainees report no undermining, so when they do small numbers can result in pink flags for a site or programme. This means sites with larger trainee populations are more likely to get negative results and they could receive a pink flag on the basis of very small numbers.

Answers to the undermining questions will be shared with deaneries in an anonymised way so action can be taken locally when undermining is reported.

We will publish analysis of the questions in autumn 2013. |
| Clinical environment | These test questions were introduced in 2012. Early analysis shows that the questions correlate heavily with the clinical supervision indicator. We will continue to conduct analysis with the data produced in 2013 and share our findings in a narrative report in the autumn.

In the meantime, we will share the associated free text comments (anonymised) with deaneries/LETBs after the survey. |
| Clinical supervision out of hours | These are new test questions for 2013. We will analyse the results from the 2013 survey and share our findings in a narrative report in the autumn.

In the meantime we will share results with deaneries after the survey closes to help us assess the usefulness of these questions. |

You can see the full list of questions in the 2013 questionnaire in annex A to briefing note 3.

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