



Public Health
England

Protecting and improving the nation's health

HCAI Data Capture System User Manual

Quarterly Mandatory Laboratory Return (QMLR) Report

About Public Health England

Public Health England exists to protect and improve the nation's health and wellbeing, and reduce health inequalities. It does this through world-class science, knowledge and intelligence, advocacy, partnerships and the delivery of specialist public health services. PHE is an operationally autonomous executive agency of the Department of Health.

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Document History

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01/09/2015	Public Health England	1.0
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QMLR Report

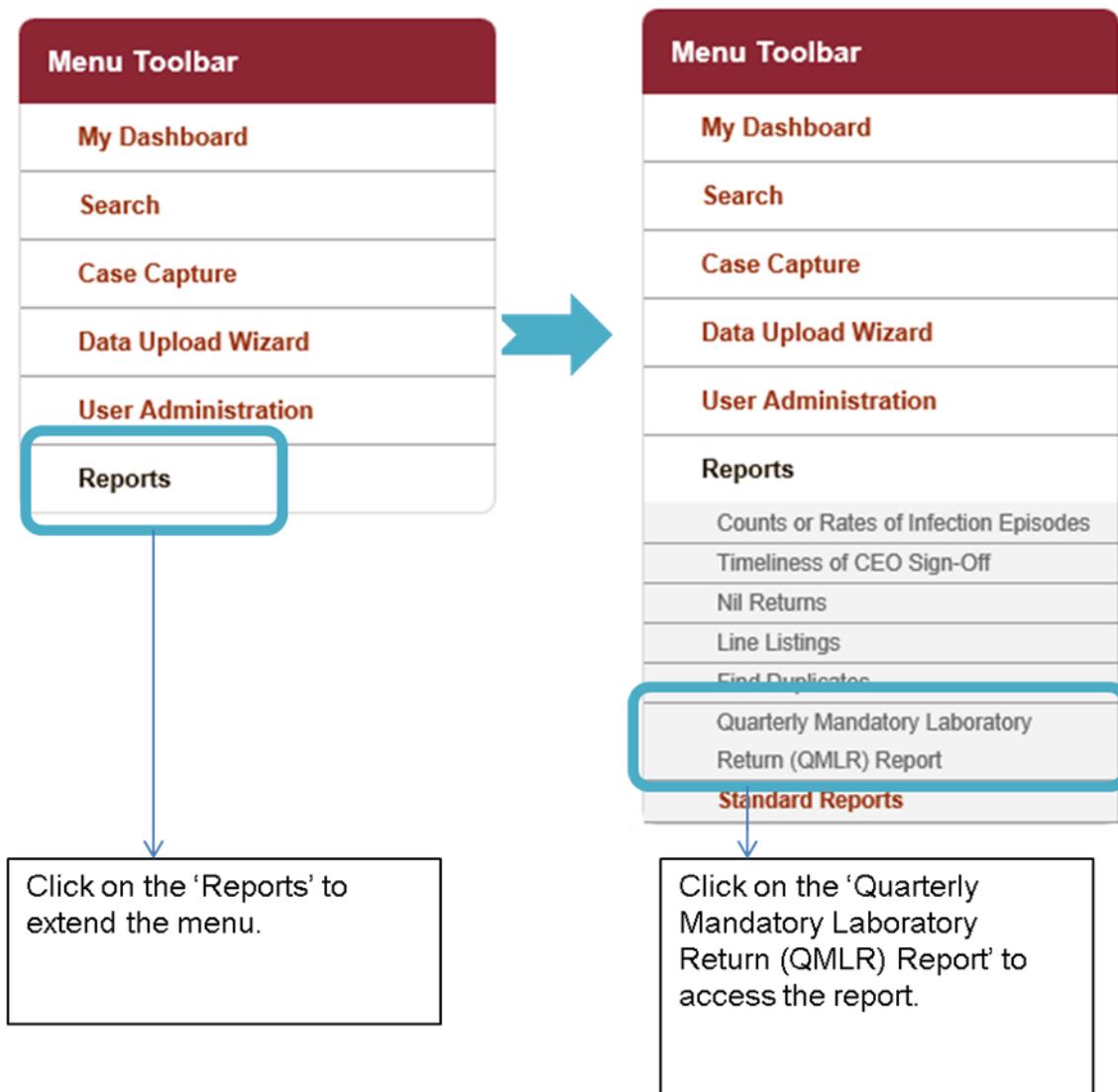
Introduction

The Quarterly Mandatory Laboratory Return (QMLR) report is available to all users. As the QMLR data are entered at an aggregate-level, these data are not attributed to a CCG or a Local Authority; therefore, this report cannot be viewed at CCG or Local Authority level. However, as QMLR data are at an aggregate-level, this means that you are able to view data for any organisation, including most sub-national and national groups.

Accessing the QMLR Report

To access the QMLR report, from the home screen click on 'Reports' in the 'Menu Toolbar', then click on 'Quarterly Mandatory Laboratory Return (QMLR)' (Figure 1).

Figure 1: Accessing the QMLR Report



QMLR Report Parameter Screen

This is a complex report, allowing you to assess the number specific laboratory data (numbers of blood culture sets taken with some results and numbers of stool examinations and *C. difficile* toxin tests performed with some results) by a number of different permutations, including organisation type, time, period, frequency and sector.

To enter this report, follow the steps in Figure 1. When you first land on the QMLR report page, a report based on pre-set parameters, similar to Figure 2 will appear. Table 1 provides an overview of the report parameters and their impact on what data are presented.

Figure 2: QMLR Report Parameter Screen

QMLR Report Parameters

Table 1: QMLR Report Parameters

Parameter	Comment	Parameter Type	Note
Organisation Type	Changes the organisation type the report displays the data by.	Drop-down	The default value is the organisation type that you are currently logged into the system as. All organisation types are available for you to select; however, please note that if you run the report by Clinical Commissioning Group or Local Authority the table/chart that you are presented with will contain all zero-values.
Region	Changes the region that the data are presented for in this report.	Multi-select drop-down	The default value is the region you are signed in as. For example, if you are an NHS Trust user for the Calderdale and

Parameter	Comment	Parameter Type	Note
	These include the NHS Regions and an overall 'National' value.		Huddersfield NHS Foundation Trust, the default region will be the North of England.
Organisation	Changes the organisation for which this report presents data.	Multi-select drop-down NB. The drop-down menu can be made larger, so that you can read the full name of the organisations, by clicking on and dragging the bottom right-hand corner to a wider point. 	The default organisation will be the organisation that you are signed into the system as. If you have access to multiple organisations of the same type, then all of the organisations will be selected as the default. The organisation drop-down options are based on the organisation type and region that you have already selected.
Data Collection	Changes which Data Collection the data is presented for in this report.	Drop-down	Currently, the only value is 'QMLR'.
Category	Changes the question category/group for which this report presents data.	Drop-down	Currently, the only question category/group is 'Quarterly Mandatory Lab Return'.
Sector	Changes the sector for which this report presents data.	Drop-down	The default value will depend on the 'Organisation Type' that you have already selected; if the organisation type is 'Independent Sector Healthcare Provider' or 'Independent Sector Healthcare Provider Site' then the default Sector will be 'Independent'. For all other 'Organisation Types' selected, the default sector is 'NHS'
Field Listing	Allows you to select which fields/questions you would like to be included in the report.	Multi-select drop-down NB. The drop-down menu can be made larger, so that you can read	The default value is '(Select All)'

Parameter	Comment	Parameter Type	Note
		the full name of the fields, by clicking on and dragging the bottom right-hand corner to a wider point. 	
Frequency	Changes by which time period the data in this report is displayed by (i.e. quarterly, financial year etc.).	Drop-down	The default value is 'Quarterly'. Unlike the other reports in the system, as the data presented in this report is a quarterly return, the smallest time period that the report can be run for is by quarter.
Year From and Year To	Changes the time period for which the data in this report are presented.	Drop-down	The default value for 'Year From' is 2007, while the default value for 'Year To' is the current year.
Quarter From and Quarter To	Further changes the time period for which the data in this report are presented.	Drop-down	The default value for 'Quarter From' is 'Jan to Mar', while the default 'Quarter To' is 'Oct to Dec'.
Output Type	Changes the format that the data are presented as in this report.	Drop-down	The default value is 'Table'.
Report Type	Changes which field the report is presented by (organisation or question).	Drop-down	<p>The default value is 'By Organisation', this means that the different organisation(s) that you have selected earlier, will be listed per row (in a table) or per bar (in a chart).</p> <p>However, if you view the report 'By Question', the data will be aggregated for all organisations that you have selected and presented purely by the question (per row in a table, per bar in the chart).</p> <p>Of note, if the report is run 'By Organisation', the data are also still presented per question (field) selected, but there is the additional granularity of the organisations presented separately.</p>

QMLR Report Screen

Figure 3: QMLR Report: Screen View

Quarterly Mandatory Laboratory Return (QMLR) Report

Organisation Type: NHS England Area Team | Region: SOUTH OF ENGLAND | [View Report](#)
 Organisation: NHS ENGLAND SOUTH (SOUTH) | Data Collection: QMLR
 Category: Quarterly Mandatory Lab Return | Sector: NHS
 Field Listing: QMLR Data-Total number of blood culture sets examined | Frequency: Quarterly
 Year From: 2015 | Year To: 2015
 Quarter From: Jan to Mar | Quarter To: Oct to Dec
 Output Type: Table | Report Type: By Organisation

Public Health England

QMLR Report

Data Collection	QMLR	Organisation Type	NHS England Area Team	Year-From	2015
Category	Quarterly Mandatory Lab Return	Region	SOUTH OF ENGLAND	Year-To	2015
Field Listing	-All-	Organisation	-All-	Quarter-From	Jan to Mar
Sector	NHS	Frequency	Quarterly	Quarter-To	Oct to Dec
Output Type	Table	Report Type	By Organisation		

Org Code	2015 Jan-Mar				2015 Apr-Jun			
	Total number of blood culture sets examined	Total number of positive blood culture sets	Total number of S.aureus positive blood culture episodes	Total number of glycopeptide resistant enterococci (GRE) positive blood culture episodes	Total number of stool specimens examined	Total number of Clostridium difficile toxin tests carried out	Total number of Clostridium difficile toxin positive results in people aged >= 65 years	Total number of Clostridium difficile toxin positive results in people aged 2-64 years

Once you have selected your parameters, please click 'View Report' to run the report. The output will appear on the screen, as shown in Figure 3. You can then choose to review the report on screen by using the two scroll bars. Or you can export the report in one of four file types (PDF, CSV, Excel, Word). Please see Figures 4 and 5 for an example of the report outputs (Table and Chart, respectively) and see Figure 6 for more details on how to export the report.

QMLR Report Table output

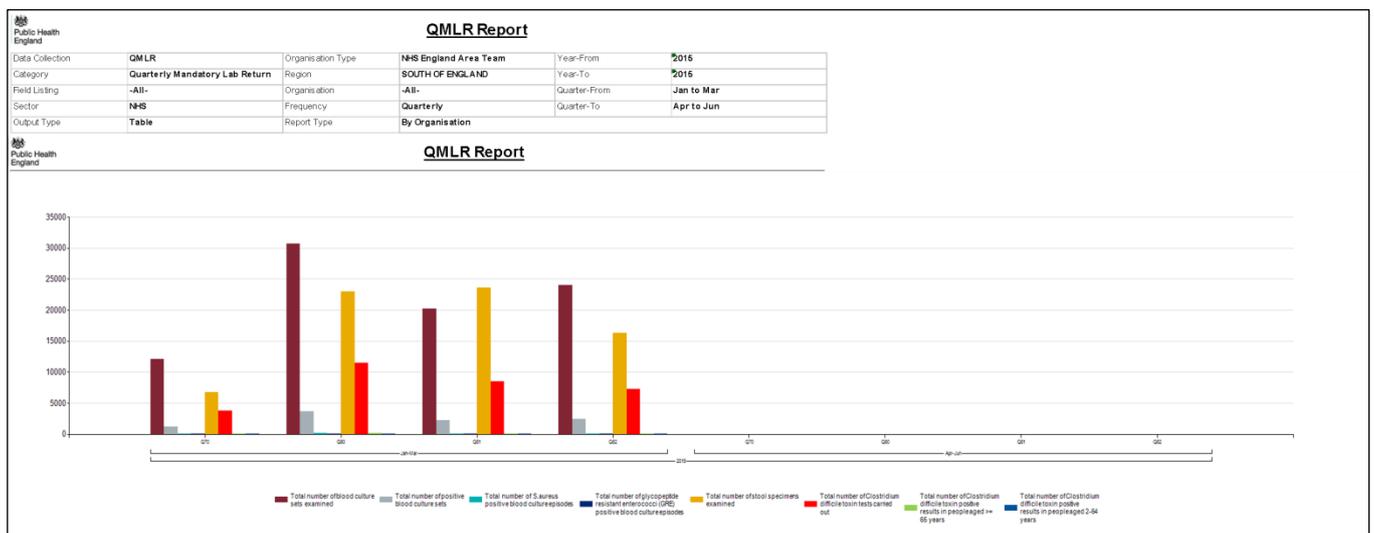
Figure 4: QMLR Report: Table Output

QMLR Report																
Data Collection	QMLR		Organisation Type	NHS England Area Team			Year-From	2015								
Category	Quarterly Mandatory Lab Return		Region	SOUTH OF ENGLAND			Year-To	2015								
Field Listing	-All-		Organisation	-All-			Quarter-From	Jan to Mar								
Sector	NHS		Frequency	Quarterly			Quarter-To	Apr to Jun								
Output Type	Table		Report Type	By Organisation												

QMLR Report																
Org Code	2015		2015		2015		2015		2015		2015		2015		2015	
	Jan-Mar	Jan-Mar	Jan-Mar	Jan-Mar	Jan-Mar	Jan-Mar	Jan-Mar	Jan-Mar	Jan-Mar	Jan-Mar	Apr-Jun	Apr-Jun	Apr-Jun	Apr-Jun	Apr-Jun	Apr-Jun
	Total number of blood culture sets examined	Total number of positive blood culture sets	Total number of S.aureus positive blood culture episodes	Total number of glycopeptide resistant enterococci (GRE) positive blood culture episodes	Total number of stool specimens examined	Total number of Clostridium difficile toxin tests carried out	Total number of Clostridium difficile toxin positive results in people aged >= 65 years	Total number of Clostridium difficile toxin positive results in people aged 2-64 years	Total number of blood culture sets examined	Total number of positive blood culture sets	Total number of S.aureus positive blood culture episodes	Total number of glycopeptide resistant enterococci (GRE) positive blood culture episodes	Total number of stool specimens examined	Total number of Clostridium difficile toxin tests carried out	Total number of Clostridium difficile toxin positive results in people aged >= 65 years	Total number of Clostridium difficile toxin positive results in people aged 2-64 years
Q70	12136	1232	77	11	6787	3789	58	16	0	0	0	0	0	0	0	0
QB0	30731	3626	184	22	22930	11491	164	39	0	0	0	0	0	0	0	0
QB1	20254	2259	98	10	23620	8489	116	18	0	0	0	0	0	0	0	0
QB2	24021	2421	124	15	16353	7287	118	33	0	0	0	0	0	0	0	0
Total	87142	9538	483	58	69690	31056	456	106	0	0	0	0	0	0	0	0

QMLR Report: Chart Output

Figure 5: QMLR Report: Chart Output



NB. The data presented in these figures is for two quarters and 'By Organisation', the outputs will be different if viewed 'By Question'.

QMLR Report: Export Icons

Figure 6: QMLR Report: Export Icons

