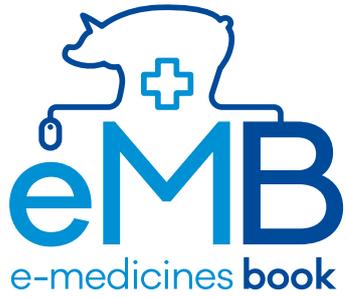


User
guide



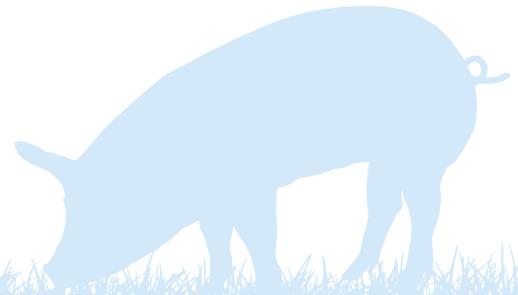


What is eMB-Pigs?

The electronic medicines book for pigs (eMB-Pigs) was launched in April 2016 by AHDB, with support from the Veterinary Medicines Directorate (VMD) in response to the industry's need for a single system to collect and collate data on antibiotic use.

The creation and development of eMB-Pigs was guided by the Pig Health and Welfare Council (PHWC) which includes representation from key sectors of the pig industry from England, Wales, Scotland and Northern Ireland.

The data collected through eMB-Pigs will place the pig industry in a strong position in anticipation of future legislation that requires the reporting of aggregated data on antibiotic use by the UK pig industry.



How does eMB-Pigs work?

eMB-Pigs allows users to maintain a record of their antibiotic use through three main routes:

OPTION 1 – Enter data on total antibiotic use either directly into eMB (1A) or in spreadsheet form (1B).

1A: Entering data on total antibiotic use directly into eMB-Pigs for a given time period (for example, annually or quarterly), from on-farm records.

This option requires producers to maintain a separate on-farm medicine book.

1B: Downloading an Excel template from eMB-Pigs and adding to it all medicine or total antibiotic use which can be stored on a computer and uploaded for a given time period (for example, annually or quarterly).

This option is perfect for producers who may not have internet access on the farm.

OPTION 2 – Use the eMB in place of your paper medicine records.

Entering data on all medicine use directly into eMB-Pigs.

This option allows eMB-Pigs to act as a full medicine book to replace current medicine records.

How will I benefit from using eMB-Pigs?



To measure is to know... If you can not measure it, you can not improve it.

Lord Kelvin, 1800s

eMB-Pigs is a simple and efficient way in which to comply with the Red Tractor requirements for monitoring antibiotic use on farm. It has the added advantage of providing a paper-free alternative to the legally required on-farm medicines book should you wish to use it as such.

As of November 2017, it became a requirement for Red Tractor Assured producers to upload their herd antibiotic usage onto eMB **every 3 months**.

The quarters are as follows:

- 1st January – 31st March
- 1st April – 30th June
- 1st July – 31st September
- 1st October – 31st December

Please note: producers have until **6 weeks** after the quarter has finished to upload their antibiotic usage. If not this will be classed as a non-compliance during quarterly veterinary assessments and annual Red Tractor inspections.

eMB-Pigs gives users the opportunity to collate and review their antibiotic usage and identify areas where use can be optimised. If data is entered quarterly, it also allows producers to monitor trends in use between quarters. The future developments of eMB-Pigs will allow producers to benchmark antibiotic use on their farms against anonymised data from similar units.

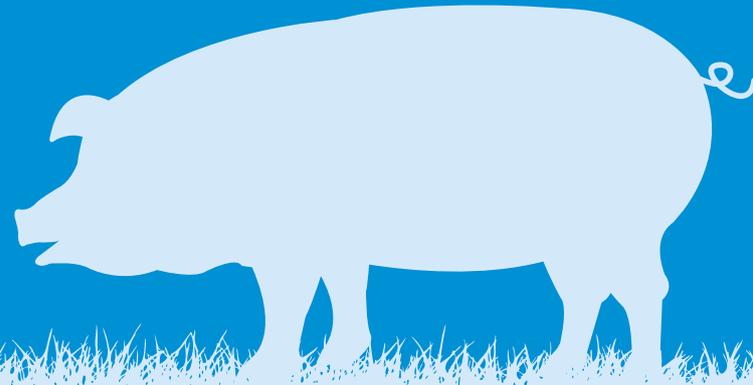
Getting started

For simple antibiotic entry, check you have:

- ✓ Pig Hub/eaml2/eMB login details
- ✓ Names of all antibiotic product used, split by pig age group
- ✓ Quantity of **each** antibiotic used, split by pig age group
- ✓ Quantity of **each** in-feed antibiotic product, split by pig age group
- ✓ Reason for administration, if known
- ✓ Number of sows and boars present on your unit(s)
- ✓ Number of breeding animals (gilts and boars) that have left your unit(s)
- ✓ Number of finisher pigs that have left your unit(s)
- ✓ Number of weaned piglets (up to 5 weeks of age) that have left your unit(s)
- ✓ Number of weaners/growers (over 5 weeks of age) that have left your unit(s)

If you are using the bulk load spreadsheet, you will also need:

The list of all your units, along with their CPHs and Pig Hub GUIDs (AHDB can provide these for you). The MA (Marketing Authorisation) number of **each** of the antibiotic products (including in-feed) you have used on **each** of your units. (There is a lookup table in the bulk spreadsheet).



Step 1

Log in to the AHDB Pig Hub using the same details you already use for Pig Hub and eAML2.

If you do not have a Pig Hub account, click on the appropriate icon to register (the pig icon allows producers to register).

www.pighub.org.uk

The screenshot shows the AHDB Pig Hub website interface. At the top, there is a navigation bar with the AHDB Pig Hub logo and links for 'Home page' and 'Help'. Below the navigation bar, a banner for 'PIG PRO - NEW online training record system. Sign up here.' is visible. The main content area is divided into several sections:

- You are in Pig Hub**: A section containing a login form with fields for 'Username' and 'Password', a 'Log In' button, and a checkbox for 'Remember me next time'. Below the login form is a link for 'Forgotten your password?' and a 'Send Password' button.
- Contact Us**: A section providing the eAML2 Helpline Number (0844 335 8400*), Helpline Opening Times (Monday - Friday 9am til 5pm), and a note that calls are charged at 5p per minute plus phone provider's access charge.
- Registration Options**: A grid of six icons representing different user roles:
 - PRODUCERS**: Services for growers, breeders and finishers (represented by a pig icon).
 - CORPORATES**: Services for owners of multiple sites (represented by a building icon).
 - MARKETING GROUPS**: Services for industry trading groups (represented by a handshake icon).
 - VETERINARIANS**: Services for veterinarians and veterinarian practices (represented by a first aid kit icon).
 - ABATTOIRS**: Services for abattoirs and slaughterhouses (represented by a house icon).
 - MARKETS**: Services for markets and collection centres (represented by a gavel icon).
 - THIRD PARTIES**: Service Reports for government and industry (represented by a person icon).
 - AGENTS**: Services for production unit agents (represented by a briefcase icon).
- Welcome to Pig Hub**: A section with a red warning message: 'Log in using your existing eAML2 username and password.' and a note: 'If you do not have an eAML2 login, register on Pig Hub by selecting the appropriate icon for your business.' Below this is a 'Newsletters' section with a link to sign up for AHDB Pork newsletters.

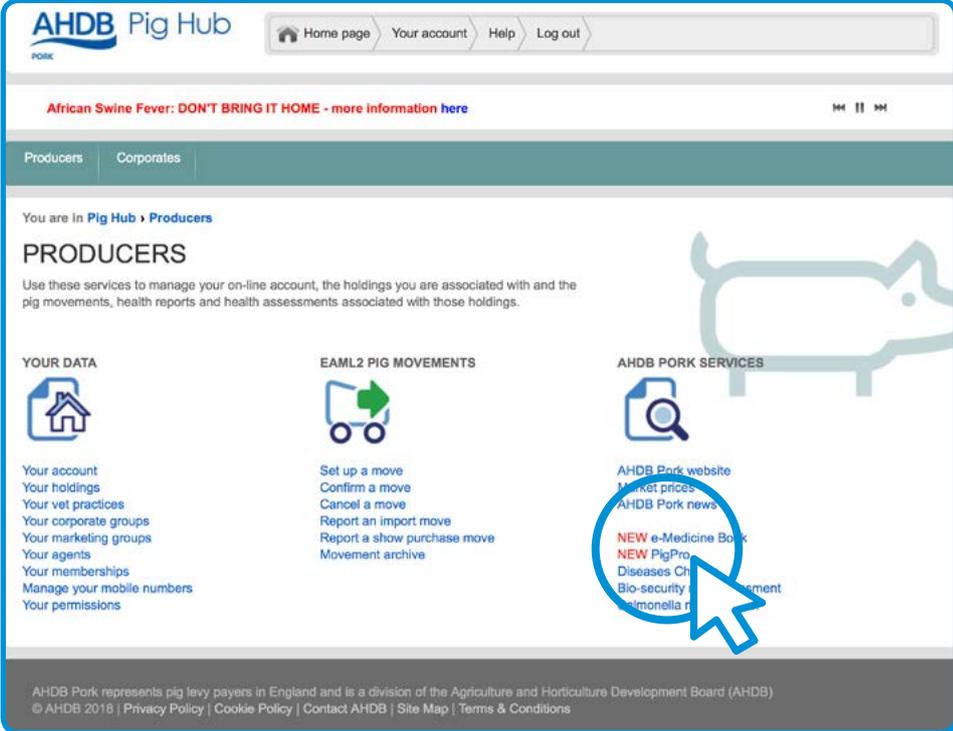
Step 2

Select your appropriate section of Pig Hub – either ‘Producers’ or ‘Corporates’. Click on the **e-Medicine Book** link in the **AHDB Pork Services** menu.

The **e-Medicine Book** link should direct you straight to the online portal.

The **e-Medicine Book** can also be accessed directly from the following link:

eMB-Pigs.ahdb.org.uk



The screenshot shows the AHDB Pig Hub website interface. At the top, there is a navigation bar with the AHDB Pig Hub logo and links for Home page, Your account, Help, and Log out. Below this is a banner for African Swine Fever with a warning not to bring it home. The main content area is divided into two tabs: Producers and Corporates. The Producers tab is active, showing a heading 'You are in Pig Hub > Producers' and a 'PRODUCERS' section. This section includes a brief description of services and three main categories: 'YOUR DATA', 'EAML2 PIG MOVEMENTS', and 'AHDB PORK SERVICES'. The 'AHDB PORK SERVICES' category is expanded to show a list of links, with 'NEW e-Medicine Book' highlighted by a blue circle and a mouse cursor. Other links in this category include 'NEW PigPro', 'Diseases Ch...', 'Bio-security n...', and 'Salmonella n...'. The footer contains copyright information for AHDB 2018 and links to Privacy Policy, Cookie Policy, Contact AHDB, Site Map, and Terms & Conditions.

Step 3

Once on the eMB-Pigs website:

- Confirm you have read and accepted the terms and conditions
- Select your holding on the **Choose Pig Holding** Page
- Then click on the **'Enter data'** link at the right-hand side.

AHDB eMB-Pigs This is new software. Leave feedback. Log out

Choose Pig Holding

Please select a pig holding from the list below or search for it by name, postcode, holding number or slapsmark.

Group antibiotic usage report

If you cannot find your pig holding, please contact AHDB Pork using the Pig Hub contact form.

Search for pig holding by name, postcode, holding number or slapsmark Hide closed holdings

The end date of the last antibiotic usage return submitted for each holding is highlighted as follows:

- The last return covered a period which was more than 3 months ago and there is no draft return in progress or no returns have been submitted.
- The last return covered a period which was more than 3 months ago but there is a draft return currently in progress.
- No return is currently due because the last return covered a period which was less than 3 months ago.

pig hub test producer 4 (closed)				
Post code	Holding number	Slapsmark	Last return end date	Enter medicine data
CW8 2TL	11/555/1114	AL1114	31st Dec 2017 (draft in progress)	View and enter
				Submit antibiotic usage returns
				View and submit

pig hub test producer 6				
Post code	Holding number	Slapsmark	Last return end date	Enter medicine data
AL1 3AF	11/555/1110	AL1116	31st Dec 2017	View and enter
				Submit antibiotic usage returns
				View and submit

Select the holding you wish to enter data for

AHDB eMB-Pigs This is new software. Leave feedback. pig hub test producer 6: AL1 3AF, 11/555/1110, AL1116

Dashboard

Antibiotic usage return due for the period 1st Jan 2018 - 31st Mar 2018.
[Click here to enter data online.](#)

Alternatively, submit your antibiotic usage return using your third party medicine record keeping software. [Click here to find out more.](#)

Your last antibiotic usage return was submitted on 16th Nov 2017 using eMB Web Portal. [Click here to view it.](#)

How can I change these details?

Post Code	Holding Number	Slapsmark	Pig Hub ID
AL1 3AF	11/555/1110	AL1116	10QU5GMWSS.DIX1C2OX9AV0B

Permissions

- Enter data
- Submit antibiotic usage returns
- Group antibiotic usage returns
- My feed stock
- Email alert settings
- Download raw data
- Help and support
- Who can see my data?

Click here to start entering data

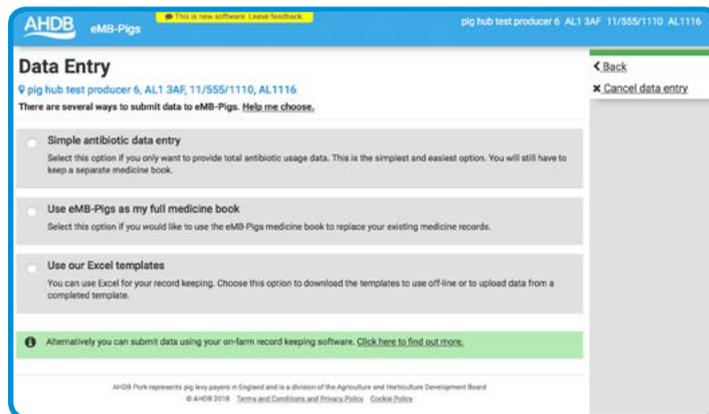
How do I add antibiotic use data?

Select one of the following three options and follow the instructions

Option 1A – Total antibiotic use data directly into eMB

Enter data on total antibiotic use directly into eMB-Pigs for a given time period (for example, annually or quarterly), from your own records.

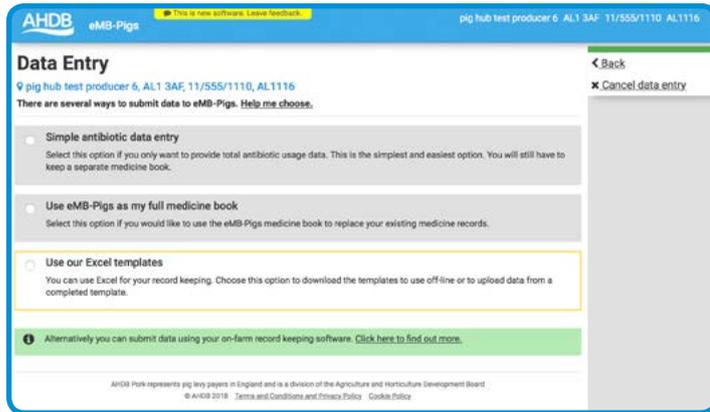
This option requires producers to maintain a separate on-farm medicine book.



The screenshot shows the 'Data Entry' page in the eMB-Pigs system. The page header includes the AHDB logo, 'eMB-Pigs', a 'Log out' button, and the user's name 'pig hub test producer 6 AL1 3AF 11/555/1110 AL1116'. The main heading is 'Data Entry' with a 'Back' button. Below the heading, the user's name is repeated, followed by the instruction: 'There are several ways to submit data to eMB-Pigs. Help me choose.' Three radio button options are listed: 'Simple antibiotic data entry', 'Use eMB-Pigs as my full medicine book', and 'Use our Excel templates'. A green bar at the bottom of the options section contains an information icon and the text: 'Alternatively you can submit data using your on-farm record keeping software. Click here to find out more.' The footer contains the AHDB logo and text: 'AHDB PORK represents pig-breepers in England and is a Division of the Agriculture and Horticulture Development Board © 4-09-2018 Terms and Conditions and Privacy Policy Cookie Policy'.

Option 1B – Total antibiotic use data in spreadsheet form

Download an Excel template from eMB-Pigs and add to it all medicine or total antibiotic use, which can then be completed offline and uploaded back onto eMB-Pigs for a given time period (for example, annually or quarterly).



The screenshot shows the 'Data Entry' page for a pig hub test producer. The page title is 'Data Entry' and the user ID is 'pig hub test producer 6, AL1 3AF, 11/555/1110, AL1116'. There are three main options for data entry:

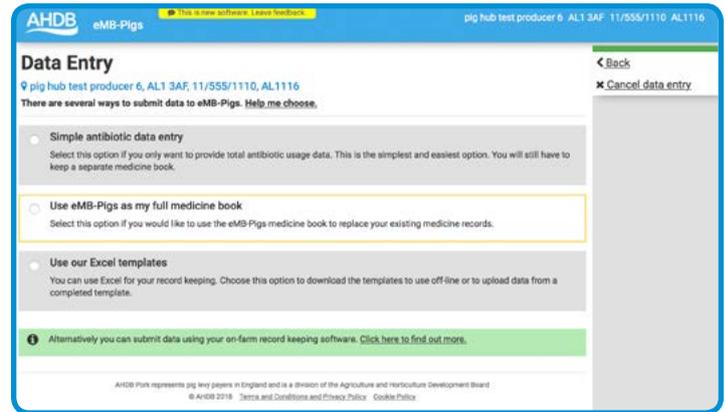
- Simple antibiotic data entry: Select this option if you only want to provide total antibiotic usage data. This is the simplest and easiest option. You will still have to keep a separate medicine book.
- Use eMB-Pigs as my full medicine book: Select this option if you would like to use the eMB-Pigs medicine book to replace your existing medicine records.
- Use our Excel templates: You can use Excel for your record keeping. Choose this option to download the templates to use off-line or to upload data from a completed template.

At the bottom, there is a green bar with an information icon and the text: 'Alternatively you can submit data using your on-farm record keeping software. [Click here to find out more.](#)'

Option 2 – Use the eMB in place of your paper medicines records

Enter data on all medicine use directly into eMB-Pigs.

This option allows eMB-Pigs to act as a full medicine book to replace current medicines records.



The screenshot shows the 'Data Entry' page for a pig hub test producer. The page title is 'Data Entry' and the user ID is 'pig hub test producer 6, AL1 3AF, 11/555/1110, AL1116'. There are three main options for data entry:

- Simple antibiotic data entry: Select this option if you only want to provide total antibiotic usage data. This is the simplest and easiest option. You will still have to keep a separate medicine book.
- Use eMB-Pigs as my full medicine book: Select this option if you would like to use the eMB-Pigs medicine book to replace your existing medicine records.
- Use our Excel templates: You can use Excel for your record keeping. Choose this option to download the templates to use off-line or to upload data from a completed template.

At the bottom, there is a green bar with an information icon and the text: 'Alternatively you can submit data using your on-farm record keeping software. [Click here to find out more.](#)'

How to: Option 1A

Step 1

Once you have selected the **Simple antibiotic data entry** option, you can choose the default period (the last quarter) or a custom period. Data can be entered for a 3, 6 or 12-month period. We advise that producers use 3-monthly returns, whenever possible, as this allows seasonal trends in use to be monitored.

Time period for data entry

This is your first data submission to eMB-pigs and by default your data entry will cover a 3 month period (1st Apr 2016 to 30th Jun 2016). If you wish to change this, please click the **Custom time period** button.

Default time period (3 months)
1st Apr 2016 to 30th Jun 2016

Custom time period

Cancel data entry Select time period

Time period for data entry

This is your first data submission to eMB-pigs and by default your data entry will cover a 3 month period (1st Jul 2016 to 30th Sep 2016). If you wish to change this, please click the **Custom time period** button.

Default time period (3 months)
1st Jul 2016 to 30th Sep 2016

Custom time period

Year 2016 ←

Duration 3 months ←

Time period 1st Jan 2016 to 31st Mar 2016

Cancel data entry Select time period

Select the year

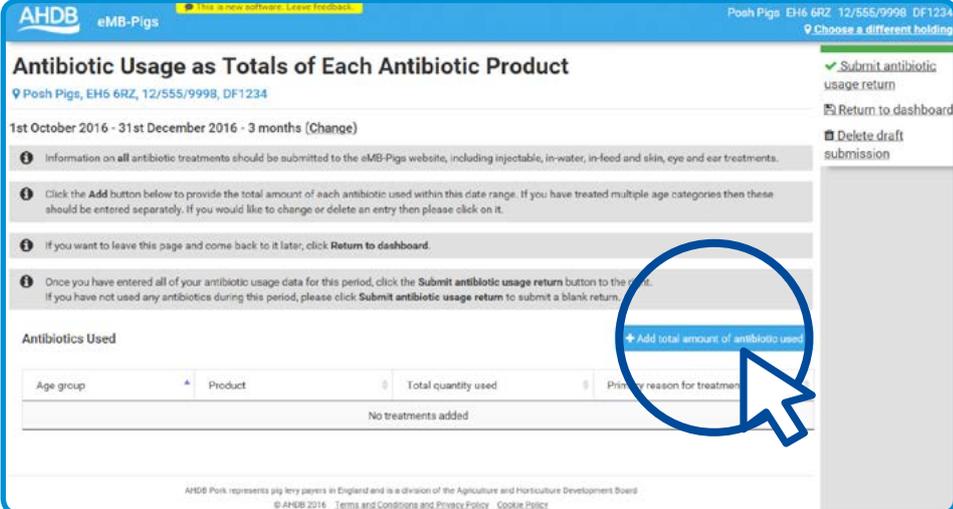
Select the duration



You must enter your **EARLIEST** data first. There is no option to add old data once newer data has been entered.

Step 2

To enter antibiotic data, select **Add total amount of antibiotic used**. Total usage for each age category of pigs should be entered separately.



The screenshot shows the eMB-Pigs interface for a holding named 'Posh Pigs, EH6 6RZ, 12/555/9998, DF1234'. The page title is 'Antibiotic Usage as Totals of Each Antibiotic Product'. The date range is '1st October 2016 - 31st December 2016 - 3 months (Change)'. There are four numbered instructions: 1. Information on all antibiotic treatments should be submitted to the eMB-Pigs website, including injectable, in-water, in-feed and skin, eye and ear treatments. 2. Click the Add button below to provide the total amount of each antibiotic used within this date range. If you have treated multiple age categories then these should be entered separately. If you would like to change or delete an entry then please click on it. 3. If you want to leave this page and come back to it later, click Return to dashboard. 4. Once you have entered all of your antibiotic usage data for this period, click the Submit antibiotic usage return button to the right. If you have not used any antibiotics during this period, please click Submit antibiotic usage return to submit a blank return. Below the instructions is a table titled 'Antibiotics Used' with columns for 'Age group', 'Product', 'Total quantity used', and 'Primary reason for treatment'. The table currently shows 'No treatments added'. A blue circle highlights the '+ Add total amount of antibiotic used' button, with a mouse cursor pointing to it. On the right side, there are three buttons: 'Submit antibiotic usage return', 'Return to dashboard', and 'Delete draft submission'. The footer contains the AHDB Pork logo and text: 'AHDB Pork represents pig levy payers in England and is a division of the Agriculture and Horticulture Development Board © AHDB 2016 Terms and Conditions and Privacy Policy Cookie Policy'.

Step 3

Add Antibiotic product

(All formulations except for in-feed medicated premix)

- Select product and age group from the drop-down menu.
- Enter the total quantity of antibiotic product used in the selected age group for the chosen time period.
- Select the appropriate unit and primary reason for treatment from the drop-down menu.

Select **Save**.

Tip Start typing the product name; recently used products will be at the top of the list

Add total amount of antibiotic used

Fields required for submission to eMB-Pigs are highlighted yellow. You should also check your legal and Red Tractor/other assurance scheme requirements.

Antibiotic product Feed in stock

Product:
 My product is not listed

Age group:

Total quantity used:

Primary reason for treatment:
 Reason not listed

Data entered in this box will be aggregated, anonymised and sent to the Veterinary Medicines Directorate for national reporting purposes.

Add your medicated feed deliveries

(For in-feed medicated premix)

- Select **'Return to dashboard'** from the menu on the right.
- Choose the **'My feed stock'** option from the menu on the right
- Enter the feed name and select the ingredient (premix) name from the drop-down menu
- Enter the concentration (inclusion rate) in feed and select the unit from the drop-down menu
- Now add your delivery details
- Select **'Enter data'** from the menu on the right to add your antibiotic usage return.

Add new feed product

Feed name:

Supplier name:

Medicine ingredients

Ingredient:

Concentration in feed: per Tonne

Add Feed in stock (For in-feed medicated premix).

The product list will contain 'Feed in stock' added. To see how to add Feed in Stock, please follow the instructions below.

- Select product and age group from the drop-down menu.
- Enter the total quantity of medicated feed used in the selected age group for the chosen time period.
- Select the appropriate unit and primary reason for treatment from the drop-down menu.
- Select **Save**.
- Repeat for all products used and for every category of pigs treated.

Add total amount of antibiotic used

Fields required for submission to eMB-Pigs are highlighted yellow. You should also check your legal and Red Tractor/other assurance scheme requirements.

Product: Antibiotic product Feed in stock

Product: Search by feed product in stock

Age group: Please select

Total quantity used: [] Please select

Primary reason for treatment: Please select

Reason not listed

Data entered in this box will be aggregated, anonymised and sent to the Veterinary Medicines Directorate for national reporting purposes.

Cancel Save



Certain feed suppliers, with your permission, will enter your feed in stock deliveries for you. You will, however, need to include the amount of feed you have used in your antibiotic return

How to: Option 1B

Once you have selected the **Use our Excel templates** option, select either:

Yes, upload a completed template or

No, I need to download a template.

Please note, we encourage you to download a new template every time you wish to upload your antibiotic usage in the event of any added changes e.g. new drugs

Template options:

Medicine book template

You can use this spreadsheet offline as the full on-farm medicine book for your holding. When you upload it, we will extract only antibiotic treatment data and generate an antibiotic usage return for you to review and submit.

Total antibiotic usage template

You can use this spreadsheet offline to supply eMB-Pigs with antibiotic usage totals only. When you upload it, we will generate an antibiotic usage return for you to review and submit.

Data can be entered offline and uploaded at a later date. This option is ideal for producers with limited internet access on farm.

Bulk antibiotic usage template

You can use this spreadsheet offline to supply eMB-Pigs with antibiotic usage totals for multiple holdings in one go. When you upload it, we will validate your entries and submit final returns for all holdings.

Submitting the antibiotic usage

Once you have successfully uploaded your data, select the **Submit** option in the top right-hand corner. You will then be required to enter additional **Holding Information**.

Please select the appropriate **Holding category** from the drop-down menu and enter the information with regard to:

- Number of sows and boars present
- Number of breeding animals (gilts and boars) that have moved off your unit(s)
- Number of slaughter pigs that have moved off your unit(s)
- Number of weaned piglets (up to 5 weeks of age) that have moved off your unit(s)
- Number of weaners/growers (over 5 weeks of age) that have moved off your unit(s)



If you don't have pigs in a population category (eg no sows and boars), you must enter 0 (zero).

Holding information

Holding category
Please select the category which most closely matches your holding type from the drop-down list.

Please select a holding category

Population data
Please complete the five boxes below, which are used to account for the scale of your pig holding when comparing antibiotic usage. You should enter pig numbers for the period **1st Jan 2016 to 31st Mar 2016**.

Number of sows and boars present:

Number of breeding animals (gilts and boars) that have been moved off your holding:

Number of slaughter pigs that have been moved off your holding:

Number of weaners/growers (over five weeks of age) that have been moved off your holding:

Number of weaned piglets (up to five weeks of age) that have been moved off your holding:

i Please ensure that the data you have entered are accurate before clicking **Submit return**. Once you have submitted this return, you will only be able to edit it (by converting it back to **Draft** status) for **24 hours**. After this time, you will need to [contact AHDB Pork](#) to amend your return.

Can I edit a return once it has been submitted?

1. You may edit a return within 24 hours of submission

From the dashboard, select **Submission History** from the menu on the right. Select the submission that you wish to edit

Select **Undo Submission** to allow you to edit and resubmit

2. Remove a submission after 24 hours

To remove a submission after 24 hours, please contact AHDB directly or email:

Fig.Hub@ahdb.org.uk

Submission History

Vet Test Farm: EH12 3TT, 11/222/3333, AB1234

Your last return was submitted on 14th Nov 2015 using eMB Web Portal. Click a row in the table below to view the corresponding submission.

Period Covered	Type	Source	Status	Date	User
1st Apr 2015 to 30th Jun 2015	Total antibiotic usage	eMB Web Portal	Submitted	14th Nov 2015	vet12
1st Jan 2015 to 31st Mar 2015	Total antibiotic usage	eMB Web Portal	Submitted	14th Nov 2015	vet12
1st Oct 2015 to 31st Dec 2015	Total antibiotic usage	eMB Web Portal	Submitted	14th Nov 2015	vet12
1st Jul 2015 to 30th Sep 2015	Total antibiotic usage	eMB Web Portal	Submitted	14th Nov 2015	vet12
1st Apr 2015 to 30th Jun 2015	Total antibiotic usage	eMB Web Portal	Submitted	14th Nov 2015	vet12
1st Jan 2015 to 31st Mar 2015	Total antibiotic usage	eMB Web Portal	Submitted	14th Nov 2015	vet12

Antibiotic Usage as Totals of Each Antibiotic Product

Vet Test Farm: EH12 3TT, 11/222/3333, AB1234

1st April 2015 - 30th June 2016 - 3 months - submitted using eMB Web Portal

Holding Data

Holding category: Breeder to Finisher

Number of sows and boars present: 100

Number of slaughter pigs that were moved off your holding: 500

Number of weaner pigs that were moved off your holding: 200

Antibiotics Used

Age group	Product	Total quantity used	Primary reason for treatment
Finishers (13 weeks to finish)	Baytril Max 100 mg/ml Solution for Injection for Pigs	500 ml	Vomiting
Piglets (0-4 weeks)	Pen & Strep Suspension for Injection	100 ml	Coughing
Piglets (0-4 weeks)	Ax-healin 625 mg/g Granules for Use in Drinking Water for Pigs	100 g	Blood/mucus in faeces
Weaners and growers (3-12 weeks)	Orionol 50% Powder for Oral Solution	400 g	Thumping

How to: Option 2

Step 1

Once you have selected the **Use eMB-Pigs as my full medicine book** option, you are able to enter data for the previous quarter. Data can be entered in real time as and when treatments are administered, as you would a standard paper medicine book. You can move between quarters by selecting **Previous Quarter** or **Next Quarter**. Then select one of the three options:

A Add animal treatment

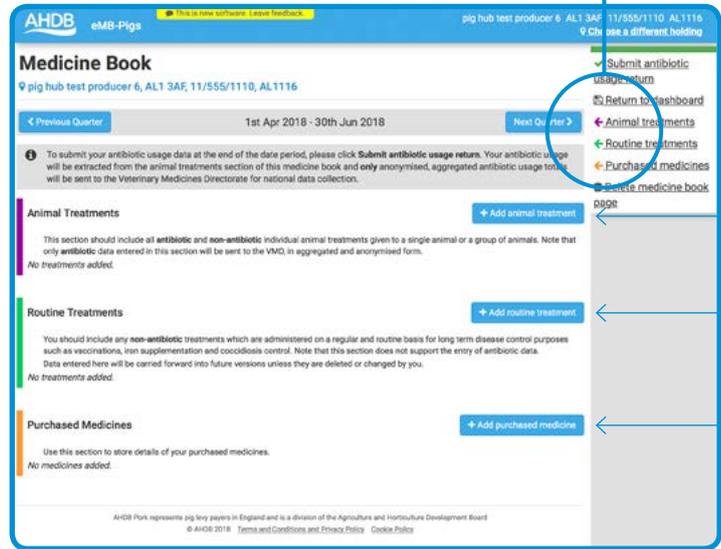
Add all antibiotic and non-antibiotic treatments given to a single animal or group of animals.

B Add routine treatment

Add non-antibiotic treatments which are administered on a regular or routine basis for long-term disease control purposes such as vaccinations, iron supplementation and coccidiosis control. Note that this section does not support the entry of antibiotic data.

C Add purchased medicine

Add details about medicines you have purchased for use in pigs.



Tip
Click for fast navigation

Step 2

A. Add animal treatment

Medicine Product

(All medicines except for in-feed medicated premix)

- Complete all the highlighted fields by either selecting an option from the drop-down menu or entering a date or figure. All other fields are optional.
- Select **Save**.

Feed in stock

(For in-feed medicated premix)
Please see directions on page 14.

Add animal treatment

Fields required for submission to eMB-Pigs are highlighted yellow. You should also check your legal and Red Tractor/other assurance scheme requirements.

Medicine product Feed in stock

Product:
 My product is not listed

Age group: Number of animals treated:

Total quantity used:

Treatment date: Treatment end date:

Reason for treatment:
 Reason not listed

Name of person administering: ID or batch number:

Withdrawal period (days): days

Fit for consumption date:

Identity of pigs: and/or Location of pigs:

Dose and course of treatment:

Notes:

Antibiotic usage data entered in this box will be aggregated, anonymised and sent to the Veterinary Medicines Directorate for national reporting purposes.

Step 2

B. Add Routine Treatment

Complete all the highlighted fields by either selecting an option from the drop-down menu or entering a date or figure. Other fields are optional.

Select **Save**.

Add routine treatment

Fields required for submission to eMB-Pigs are highlighted yellow. You should also check your legal and Red Tractor/other assurance scheme requirements.

Medicine product My product is not listed

Product:

Age group:

Treatment commenced date:

Expected number of animals treated: by week

Identity/location of pigs: Route of administration:

Age of administration: Withdrawal period (days):

Dose and course of treatment:

Data entered in this box are stored for your own records and can be viewed only by users which have access to the data for this holding.

Step 2

C. Purchased Medicine

Complete all the highlighted fields by either selecting an option from the drop-down menu or entering a date or figure. Other fields are optional.

Select **Save**.

Add purchased medicine

Fields required for submission to eMB-Pigs are highlighted yellow. You should also check your legal and Red Tractor/other assurance scheme requirements.

Medicine product My product is not listed

Product:

Date purchased: Quantity purchased: Please select:

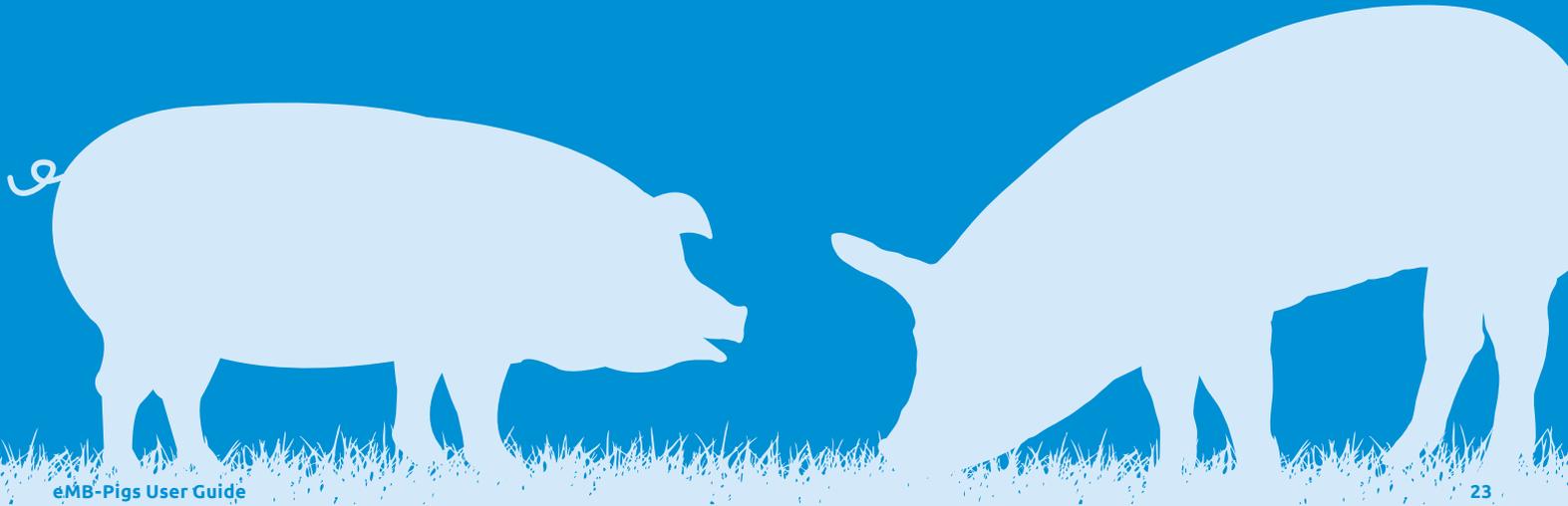
Supplier name and address:

ID or batch number: Expiry date:

Withdrawal period (days): days Name of person:

Data entered in this box are stored for your own records and can be viewed only by users which have access to the data for this holding.

How can I review my antibiotic use data?



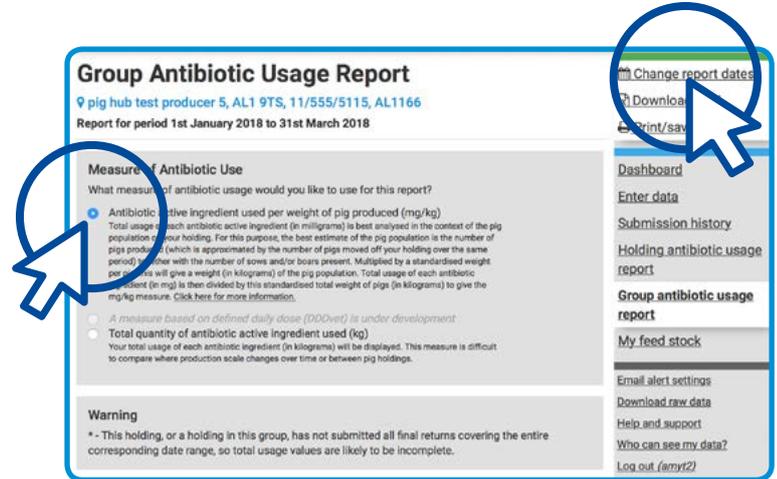
Group antibiotic usage update

Reports antibiotic usage across all holdings for a given time period.

The time period for the report can be changed by selecting **Change report dates** from the menu on the right of the screen.

Select how you want your antibiotic usage to be measured in the first grey panel.

See page 28 for more information.



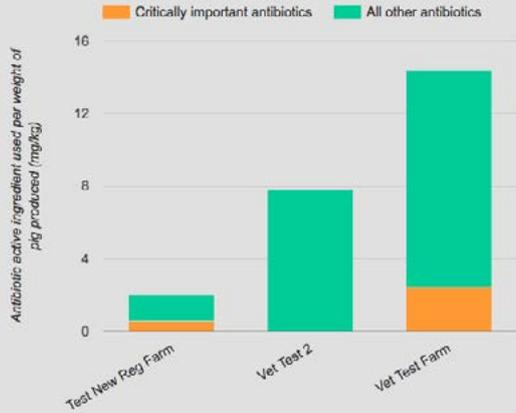
The screenshot shows the 'Group Antibiotic Usage Report' interface. At the top, it displays the report title, the holding name 'pig hub test producer 5, AL1 9TS, 11/555/5115, AL1166', and the report period '1st January 2018 to 31st March 2018'. A callout circle highlights the 'Change report dates' link in the top right navigation menu. Below the header is a section titled 'Measure of Antibiotic Use' with the question 'What measure of antibiotic usage would you like to use for this report?'. Three radio button options are listed: 'Antibiotic active ingredient used per weight of pig produced (mg/kg)', 'A measure based on defined daily dose (DDO2) in under development', and 'Total quantity of antibiotic active ingredient used (kg)'. The first option is selected. A 'Warning' section at the bottom states: '* - This holding, or a holding in this group, has not submitted all final returns covering the entire corresponding date range, so total usage values are likely to be incomplete.' A second callout circle highlights the 'Download raw data' link in the right-hand navigation menu.



Click on the 'Download CSV' link to download an Excel spreadsheet showing all historic antibiotic data for your farm(s). This is available for both group and individual holding reports.

Antibiotic Use by Holding

A

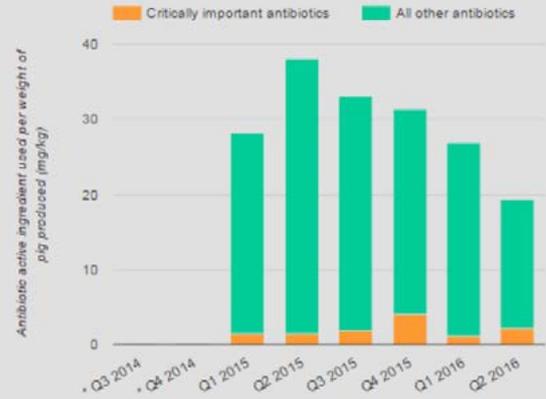


The report shows:

- A. Antibiotic use for critically important antibiotics and all other antibiotics for chosen holding.
- B. Quarterly summary of total use of antibiotics for critically important antibiotics and all other antibiotics.

Group Trend Report

B



Date	Critically important antibiotics	All other antibiotics
* Q3 2014	0.0 mg/kg	0.0 mg/kg
* Q4 2014	0.0 mg/kg	0.0 mg/kg
Q1 2015	1.4 mg/kg	26.8 mg/kg
Q2 2015	1.4 mg/kg	36.6 mg/kg
Q3 2015	1.9 mg/kg	31.1 mg/kg
Q4 2015	4.0 mg/kg	27.3 mg/kg
Q1 2016	1.1 mg/kg	25.7 mg/kg
Q2 2016	2.1 mg/kg	17.3 mg/kg

Holding antibiotic usage report

Reports antibiotic usage for a selected holding for a given time period.

Select the holding you wish to review from the main menu.

Then, from the menu on the right-hand side, select **Holding antibiotic usage report**.

Choose Pig Holding

Please select a pig holding from the list below or search for it by name, postcode, holding number or slapmark.

i If you cannot find your pig holding, please [contact AHDB Pork using the Pig Hub contact form](#).

Search for pig holding by name, postcode, holding number or slapmark

The end date of the last antibiotic usage return submitted for each holding is highlighted as follows:

- The last return covered a period which was more than 3 months ago and there is no draft return in progress or no returns have been submitted.
- The last return covered a period which was more than 3 months ago but there is a draft return currently in progress.
- No return is currently due because the last return covered a period which was less than 3 months ago.

Vet Test Farm						
Postcode	Holding number	Slapmark	Last return end date	Enter medicine data	Submit antibiotic usage returns	
EH12 3TT	11/222/3333	AB1234	30th Jun 2016	View and enter	View and submit	
Test 2						
EH12 3TT	11/222/3334	AB1234	30th Jun 2016	View and enter	View and submit	

Test New Reg Farm						
Post code	Holding number	Slapmark	Last return end date	Enter medicine data	Submit antibiotic usage returns	
EH6 6RZ	99/233/3333	AB1234	30th Jun 2016	View and enter	View and submit	

[Change report dates](#)

[Print/save report](#)

[Dashboard](#)

[Enter data](#)

[Submission history](#)

[Holding antibiotic usage report](#)

[Group antibiotic usage report](#)

[My feed stock](#)

[Email alert settings](#)

[Download raw data](#)

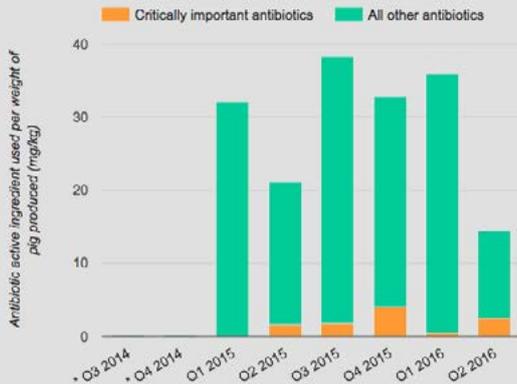
[Help and support](#)

[Who can see my data?](#)

[Log out \(vett2\)](#)

Antibiotic Usage Trends

A

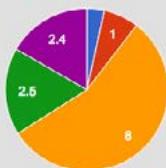


Usage by Antibiotic Class

Antibiotic active ingredient used per weight of pig produced (mg/kg)

1st Apr 2016 - 30th Jun 2016

● beta ● amino ● tetra ● macro ● fluoro



B

C

CRITICALLY IMPORTANT ANTIBIOTICS

Antibiotic active ingredient used per weight of pig produced (mg/kg)

Product	Active ingredient	Antibiotic class	Q2 2016	Q1 2016	Q2 2015
Baytril Max 100 mg/ml Solution for Injection for Pigs	enrofloxacin	fluoro	2.4	0.4	1.6

D

ALL OTHER ANTIBIOTICS

Antibiotic active ingredient used per weight of pig produced (mg/kg)

Product	Active ingredient	Antibiotic class	Q2 2016	Q1 2016	Q2 2015
Alivlosin 625 mg/g Granules for Use in Drinking Water for Pigs	tylvalosin	macro	2.5	12.5	15.0
Chlorisol 50% Powder for Oral Solution	Chlortetracycline Hydrochloride	tetra	8.0	20.0	0.0
Pen & Strep Suspension for Injection	benzylpenicillin	beta	0.5	1.0	1.5
	dihydrostreptomycin	amino	1.0	2.0	3.0

The report shows:

- Antibiotic usage trend by quarter for critically important antibiotics and all other antibiotics for chosen holding.
- Antibiotic usage by class for stated time period for chosen holding.
- Antibiotic usage for critically important antibiotics.
- Antibiotic usage for all other antibiotics.

How is the antibiotic use measured?

There are two options for users to measure their antibiotic use.

1. Antibiotic active ingredient used per weight of pig (mg/kg)

- The mg/kg measure of antibiotic use is calculated by dividing the total usage of each antibiotic active ingredient in milligrams (mg) by a measure of the average weight of pigs at time of treatment on your holding in kilograms (kg)
- Antibiotic usage (mg/kg) = total active ingredient usage (mg) divided by the average weight of pigs at time of treatment (kg)
- To estimate the total weight of pigs, both the holding category and the number of pigs that have been moved off the holding or which are present on the farm, as declared when submitting the antibiotic usage return, are needed. The table opposite shows how the total weight of pigs is calculated, for each holding category.

- For example, for holdings in the **Breeder to Finisher** the weight of pigs is the number of slaughter pigs declared in the return multiplied by the average weight at treatment for **finisher pigs (65 kg)**.
- The assumed average weights at the time of treatment are **standardised** weights rather than exact measures and they have been adapted from the European ESVAC project* to be more representative of the UK herd. Treatments are often given towards the start of the weaning or finishing periods, which is why the weights are lower than the usual weight of a pig at the end of the weaning period or at slaughter. Please note that the mg/kg analysis acts as an indicator for trends in antibiotic use in the pig population over time, rather than being an absolute measure of use on your farm.

*More information on the ESVAC Project can be found on the European Surveillance of Veterinary Antimicrobial Consumption (ESVAC) Website.

The table below also shows how your farm will be grouped with others for the trend reports and benchmarking reports.

Holding Category	Weight of Pigs
Breeder only	= Number of weaned piglets leaving at 4kg (assumed average weight at treatment)
Breeder to weaner	= Number of weaners leaving at 25kg (assumed average weight at treatment)
Nursery	
Breeder to finisher	= Number of finishers leaving at 65kg (assumed average weight at treatment)
Nursery to finisher	
Finisher only	
Boar stud	= Average number of sows and/or boars present at 240kg (assumed average weight at treatment)
Pet pigs	
Gilt unit only	= Number of breeding animals leaving at 65kg (assumed average weight at treatment)

2. Total quantity of antibiotic active ingredient used (kg)

- Your total usage of each antibiotic ingredient (in kilograms) will be displayed. This measure is difficult to compare where production scale changes over time or between pig holdings.

