

Protecting and improving the nation's health

HCAI Data Capture System User Manual

Line Listings

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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Line Listings report

Introduction

The Line Listing report provides case level information on each case reported to the HCAI DCS as well as aggregate level QMLR data returns. The information provided by this report will depend on the logged in user's roles and permissions as well as their organisational type.

The Line Listings report allows a user to view cases mapped to their Organisation through more than one pathway (commissioning, reporting or resident route) depending on their role and organisational type (Please see the Roles and Permissions user guide). This is the only report allowing this to happen. As a result an Organisation could have more cases in the Line Listings report compared to other reports (e.g. Counts or Rates of Infection Episodes report) even with the same report parameters being used. For example; a Public Health England Centre would view cases in the Line Listings report that have been assigned to it through the commissioning, reporting and residential route, while it can only view cases through its default pathway (reporting route) in the Counts or Rates of Infection Episodes report.

Accessing Line Listings reports

To access the Line Listings report, log in to the HCAI DCS system using your user name and password, select Reports from the Menu Toolbar and Line Listings (Figure 1). You can then select specific data parameters that best suit the desired output (Figure 2). Default options for 'Organisation Type', 'Region', 'Organisation', 'Category', 'Question Grouping', 'Sector' and 'Field Listing' depend on the users' Organisation, their roles and permissions. Most of these options are pre-set and cannot be changed. For example, an NHS Trust data entry user will only have access to their Trust data thus the 'Organisation Type', 'Region', 'Organisation', and 'Sector' will reflect the particular Trust, while a PHE Centre user with appropriate permissions will see all commissioning, reporting and residential route cases for their centre and the 'Organisation Type', 'Region' and 'Organisation' will reflect the particular centre. Figure 1: Selection of Line Listings report.

My Dashboard Search Case Capture Data Upload Wizard User Administration Reports Counts or Rates of Infection Episodes	My Dashboard Search Case Capture Data Upload Wizard User Administration Reports Counts or Rates of Infection Episodes Timeliness of CEO Sign-Off	My Dashboard Search Case Capture Data Upload Wizard User Administration Reports Counts or Rates of Infection Episodes Timeliness of CEO Sign-Off Nil Returns	My Dashboard Search Case Capture Data Upload Wizard User Administration Reports Counts or Rates of Infection Episodes Timeliness of CEO Sign-Off Nil Returns Line Listings Find Duplicates
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User Administration Reports Counts or Rates of Infection Episodes	User Administration Reports Counts or Rates of Infection Episodes Timeliness of CEO Sign-Off	User Administration Reports Counts or Rates of Infection Episodes Timeliness of CEO Sign-Off Nil Returns Line Listings	User Administration Reports Counts or Rates of Infection Episodes Timeliness of CEO Sign-Off Nil Returns Line Listings Find Duplicates
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Counts or Rates of Infection Episodes	Counts or Rates of Infection Episodes Timeliness of CEO Sign-Off	Counts or Rates of Infection Episodes Timeliness of CEO Sign-Off Nil Returns Line Listings	Counts or Rates of Infection Episodes Timeliness of CEO Sign-Off Nil Returns Line Listings Find Duplicates
	Timeliness of CEO Sign-Off	Timeliness of CEO Sign-Off Nil Returns Line Listings	Timeliness of CEO Sign-Off Nil Returns Line Listings Find Duplicates

Figure 2: Data parameters.

Line Listings			
Period From	01/07/2018	Period To	23/07/2019 View Report
Organisation Type	Public Health England (National)	Organisation Classification	-All-
Region	NATIONAL	Data Collection	MRSA •
Category	Episode Details, System	Organisation	PUBLIC HEALTH ENGLAND
Question Grouping	Episode Details - Specimen Details	Sector	NHS •
Field Listing	Specimen Date, Type of Specimen	Patient Age From	0
Patient Age To	150	Sex	-All- ▼

Report Parameters

Period To and From

These parameters will limit the search result to cases whose specimen date was within a set time period.

'Period From'- serves to restrict the report to infection episodes with a specimen date (date of specimen collection or date received by the laboratory) on/after a specified date i.e. infections episodes from this date onwards will be included.

The date can be typed in directly in the DD/MM/YYYY format, or selected from the date selector (Figure 3). It is defaulted to the first day of the current month of last year i.e. it will show 01/09/2014 on 02/09/2015.

Period From	01/09	9/20 ⁻	14					Period To 08/09/2015	
Organisation 1 ype	▲ M	T S	epter W	mber T	201 F	4	► S	Region NATIONAL	
Data Collectio	3	2	3	4	5	6	7	Category Episode Details, Source of	Bad
rganisation	8 15	9 16	10 17	11 18	12 19	13 20	14 21	Question Grouping Episode Details - Specimer	De
ector	22	23	24	25	26	27	28	Field Listing Specimen Date, Type of Sp	eci
atient Age From	29	30	1	2	3	4	5	Patient Age To 150	

Figure 3. 'Period From' parameter.

'Period To'- serves to restrict the report to infection episodes with a specimen date (date of specimen collection or date received by the laboratory) on/before a specified date i.e. infections episodes up to this date will be included.

The date can be typed in directly in the DD/MM/YYYY format, or selected from the date selector (Figure 4).). It is defaulted to today's date i.e. it will show 02/09/2015 on 02/09/2015.

Figure 4: 'Period To' data field.

Line Listings										
Period From	01/09/2014	Period To	08/0	9/20	15					
Organisation Typ	Public Health England (National)	Region	■	S T	epter W	mber T	201: F	5 5	► S	5
Data Collection	MRSA 🔽	Category	31	1	2	3	4	5	6	
Organisation	PUBLIC HEALTH ENGLAND	Question Groupin	7	8	9	10	11	12	13	•
Sector	NHS	Field Listing	21	22	23	24	25	26	20	5
Patient Age From	0	Patient Age To	28	29	30	1	2	3	4	J
Env			Toda	ay is O	8 Sept	ember	2015			

Organisation Type

This parameter will limit the search result to cases from a specified type of organisation. The options available for 'Organisation Type' can vary based on the your roles, permissions and organisational hierarchy.

The default option reflects the Organisation you are logged in as (Figure 5). If you are logged in as a national or subnational 'Organisation Type' and have specific permissions, you can select to view cases by other Organisation Types lower in the hierarchy e.g. an NHS England Commissioning Board Region user can limit the report to view cases (mapped via commissioning, reporting, or residential route) by CCG, Independent Sector Healthcare Provider Site, Local Authority, NHS England Area Team, NHS Trust and Renal Unit within their geographical area (Figure 6).

I	-igure 5:	Organisation	туре	parameter.	

HCAI DCS Syste	em (HCAIWEBPOR03)			Home	Abo
Line Listings					
Period From	01/09/2014	Period To	02/09/201	5	
Organisation Type	Public Health England (National)	Region	NATIONA	L	~
Data Collection	MRSA	Category	Episode D	etails, Source of B	acte 🗸
Organisation	PUBLIC HEALTH ENGLAND	Question Grouping	Episode D	etails - Specimen	Deta 🗸
Sector	NHS	Field Listing	Specimen	Date, Type of Spe	ecime 🗸
Patient Age From	0	Patient Age To	150		
Sex	-All-				

Figure 6: Sub national 'Organisation Type' and associated Organisation Types that contribute cases via commissioning, reporting, or residential route.

HCAI DCS Syste	em (HCAIWEBPOR03)				Home	About
Line Listings						
Period From	01/09/2014		Period To	02/09/201	5	
Organisation Type	NHS England Commissioning Bo	ard Region 💌	Region	LONDON		~
Data Collection	NHS England Commissioning Bo Clinical Commissioning Group Independent Sector Healthcare F	ard Region Provider Site	Category	Episode D	etails, Source of B	acte 🗸
Organisation	Local Authority NHS England Area Team		Question Grouping	Episode D)etails - Specimen [Deta 🗸
Sector	NHS Trust Renal Unit		Field Listing	Specimen	Date, Type of Spe	cime 🗸
Patient Age From	0		Patient Age To	150		
Sex	-All-					

Region

Refers to the respective geographical region of the 'Organisation' (Figure 7). National 'Organisation Types' have their 'Region' defaulted to National with other options available to narrow down the data by individual regions (London, Midlands and East, North of England and South of England) (Figure 8).

Figure 7. 'Region' parameter.

HCAI DCS Syste	em (HCAIWEBPOR03)			Home	Abo
Line Listings					
Period From	01/09/2014	Period To	02/09/201	15	
Organisation Type	NHS England Commissioning Board Region 💌	Region	LONDON		
Data Collection	MRSA -	Category	System		~
Organisation	LONDON COMMISSIONING RE	Question Grouping	System -	Data Collection Dat	ie, S 🗸
Sector	NHS	Field Listing	Week No	, Month No, Year N	o, F(🗸
Patient Age From	0	Patient Age To	150		
Sex	-All-				

Figure 8: Drop down options for 'Region' parameter of a national 'Organisation Type'.

HCAI DCS Syste	em (HCAIWEBPOR03)				Home	Abou
Line Listings						
Period From	01/09/2014		Period To	02/09/20	15	
Organisation Type	Department of Health	•	Region	NATION	AL.	~
Data Collection	MRSA 💌		Category	(Select NATIO	All) NAL	~
Organisation	DEPARTMENT OF HEALTH	*	Question Grouping	I LONDO	ON NDS AND EAST	~
Sector	NHS 💌		Field Listing		H OF ENGLAND	~
Patient Age From	0		Patient Age To	150		
Sex	-All-					

Data Collection

This parameter limits the search result returned to either reported cases of MRSA, MSSA, *Klebsiella* spp., *Pseudomonas aeruginosa, E.coli* and *C. difficile*. (Figure 9). The default option is MRSA (Figure 10).

Figure 9: Drop down options for 'Data Collection' parameter.

Line Listings						
Period From Organisation Type Region Category Question Grouping Field Listing	01/07/2019 NHS Trust CONDON,MIDLANDS AND EAST,NC Episode Details,System Episode Details - Specimen Details,f Specimen Date,Type of Specimen D	* * * *	Period To Organisation Classification Data Collection Organisation Sector Patient Age From	16/07/2020 -All- MRSA C. difficile E. coli	NHS I V	View Report
Patient Age To	150		Sex	Klebsiella spp		
				Pseudomonas aeruginosa		
				MRSA		
				MSSA		
				QMLR		
				L	1	

Figure 10: 'Data Collection' parameter default option.

HCAI DCS Syste		Home	Abou		
Line Listings					
Period From	01/09/2014	Period To	02/09/201	15	
Organisation Type	NHS England Area Team 💌	Region	MIDLAND	DS AND EAST, NO	RTH 🗸
Data Collection	MRSA 💌	Category	Episode (Details, Source of B	acte 🗸
Organisation	NHS ENGLAND MIDLANDS ANI	Question Grouping	Episode (Details - Specimen I	Deta 🗸
Sector	NHS •	Field Listing	Specimer	n Date, Type of Spe	cime
Patient Age From	0	Patient Age To	150		
Sex	-All-				

Category

Allows you to select a subset of data from each of the tabs available on case capture. Please note that the options available are specific to individual Data Collection options as shown below and in Figures 11, 12;

MRSA: 'Episode Details', 'Species', 'Prior Trust Exposure', 'Source of Bacteraemia' and Associated Infections', 'Risk Factors and Treatment', 'Healthcare Interactions 1-9', 'Data Enrichment', 'Additional Comments', 'System', and 'Renal'

MSSA: 'Episode Details', 'Source of Bacteraemia and Associated Infections', 'Risk Factors and Treatment', 'Species', 'Healthcare Interactions 1-9', 'System' and 'Renal', 'Prior Trust Exposure', 'Renal Organisations' and 'Data Enrichment'

Klebsiella: 'Episode Details', 'Species', 'Risk Factors', 'Renal', 'Prior Trust Exposure', 'Data Enrichment' and 'System'

Pseudomonas aeruginosa: 'Episode Details', 'Risk Factors' 'Renal' 'Prior Trust Exposure', 'Data Enrichment', 'System' and 'Renal Organisations'

C. difficile: 'Episode Details', 'Prior Trust Exposure', 'Risk Factors', 'Healthcare Interactions', 'Inpatient Details', 'Renal', 'Data Enrichment', 'System' and 'Renal Organisations'

E. coli: 'Episode Details', 'Risk Factors', 'System' and 'Renal', 'Prior Trust Exposure', 'Data Enrichment' and 'System'

QMLR: 'Quarterly Mandatory Lab Return', 'System' and 'Aggregate

Note, the System 'Category' includes system generated fields, such as organisational mappings and patient age.

Figure 11: 'Category' parameter drop-down for MRSA and MSSA Data Collections.

Period From	01/07/2019	iiii	Period To	16/07/2020		View Bener
Organisation Type	NHS Trust 🗸		Organisation Classificatior	-All- 🗸		view Repor
Region	LONDON, MIDLANDS AND EAST.	.N(~	Data Collection	MRSA 🗸		
Category	Enisode Details System		Organisation			
	✓ (Select All)		Organisation			
Question Grouping	Episode Details	Ň	Sector	NHS V	7	
Field Listing	Species	~	Patient Age From	0		
Patient Age To	Prior Trust Exposure		Sex	-All- 🗸		
	Source of Bacteraemia & Asso	ciatec				
	 Healthcare Interactions (1) 					
	Healthcare Interactions (2)					
	Healthcare Interactions (3)					
	Healthcare Interactions (4)					
	Healthcare Interactions (5)					
	Healthcare Interactions (6)					
	Healthcare Interactions (7)					
	 Healthcare Interactions (9) 					
	Data Enrichment					
	Additional Comments					
	✓ System					
	PIR					
,	4	•				
ne Listings		•				
ne Listings eriod From	01/07/2019	, <i>II.</i>	Period To	16/07/2020		View Pener
ne Listings Period From Organisation Type	01/07/2019 NHS Trust V	•	Period To Organisation Classification	16/07/2020		View Report
ne Listings Period From Organisation Type Region	01/07/2019 NHS Trust V LONDON.MIDLANDS AND EAST,		Period To Organisation Classification Data Collection	16/07/2020 -All-		View Report
ne Listings Period From Organisation Type Region	01/07/2019 NHS Trust V LONDON,MIDLANDS AND EAST,I		Period To Organisation Classification Data Collection Organisation	16/07/2020 -All-		View Report
ne Listings eriod From brganisation Type legion lategory	01/07/2019 NHS Trust LONDON,MIDLANDS AND EAST,I Episode Details,System (Select All)		Period To Organisation Classification Data Collection Organisation	16/07/2020 All- MSSA MANCHESTER UNIVERSITY NHS I	÷	View Report
ne Listings eriod From organisation Type legion lategory euestion Grouping	01/07/2019 NHS Trust LONDON,MIDLANDS AND EAST,I Episode Details, System (Select All) Episode Details		Period To Organisation Classification Data Collection Organisation Sector	16/07/2020 All- MSSA MANCHESTER UNIVERSITY NHS I NHS V	÷	View Report
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ne Listings Period From Organisation Type Region Category Question Grouping Field Listing Patient Age To	01/07/2019 NHS Trust ▼ LONDON,MIDLANDS AND EAST,I Episode Details, System ♥ (Select All) ♥ Episode Details ♥ Source of Bacteraemia & Assoc ♥ Risk Factors & Treatment ♥ Heattingen Interactions (1)		Period To Organisation Classification Data Collection Organisation Sector Patient Age From Sex	16/07/2020 -All- MSSA MANCHESTER UNIVERSITY NHS I NHS 0 -All-	÷	View Report
ne Listings Period From Organisation Type Region Category Question Grouping Patient Age To	01/07/2019 NHS Trust ▼ LONDON,MIDLANDS AND EAST,I Episode Details, System ♥ (Select All) ♥ Episode Details ♥ Source of Bacteraemia & Assoc ♥ Risk Factors & Treatment ♥ Healthcare Interactions (1) ♥ Healthcare Interactions (2)		Period To Organisation Classification Data Collection Organisation Sector Patient Age From Sex	16/07/2020 -All- MSSA MANCHESTER UNIVERSITY NHS I NHS 0 -All- V	÷	View Report
ne Listings Period From Organisation Type Region Rategory Question Grouping ield Listing Patient Age To	01/07/2019 NHS Trust ▼ LONDON,MIDLANDS AND EAST,I Episode Details, System ♥ (Select All) ♥ Episode Details ♥ Source of Bacteraemia & Assoc ♥ Risk Factors & Treatment ♥ Healthcare Interactions (1) ♥ Healthcare Interactions (3)	N(~	Period To Organisation Classification Data Collection Organisation Sector Patient Age From Sex	16/07/2020 All- MSSA MANCHESTER UNIVERSITY NHS I NHS 0 -All- V	÷	View Repor
ne Listings Period From Organisation Type Region Rategory Question Grouping ield Listing Patient Age To	01/07/2019 NHS Trust LONDON,MIDLANDS AND EAST,I Episode Details, System (Select All) Episode Details Source of Bacteraemia & Assoc Risk Factors & Treatment Healthcare Interactions (1) Healthcare Interactions (3) Healthcare Interactions (3) Healthcare Interactions (4)	N(~	Period To Organisation Classification Data Collection Organisation Sector Patient Age From Sex	16/07/2020 All- MSSA MANCHESTER UNIVERSITY NHS I NHS 0 -All-	·	View Repor
ne Listings Period From Organisation Type Region Rategory Ruestion Grouping ield Listing Patient Age To	01/07/2019 NHS Trust LONDON, MIDLANDS AND EAST,I Episode Details, System (Select All) Episode Details Source of Bacteraemia & Assoc Risk Factors & Treatment Healthcare Interactions (1) Healthcare Interactions (3) Healthcare Interactions (4) Healthcare Interactions (5)	NK ~	Period To Organisation Classification Data Collection Organisation Sector Patient Age From Sex	16/07/2020 All- MSSA MANCHESTER UNIVERSITY NHS (NHS 0 -All-	· ·	View Report
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Figure 12: 'Category' parameter drop-down for *E. coli, C. difficile, Klebsiella, Pseudomonas* and QMLR Data Collections.

Period From	01/07/2019		Period To	16/07/2020	tiii	View Peno
Organisation Type	NHS Trust 🗸		Organisation Classification	-All- 🗸		view repo
Region	LONDON, MIDLANDS AND EAST, NO	\sim	Data Collection	E. coli 🗸		
Category	Episode Details,System	\sim	Organisation	MANCHESTER UNIVERSITY NHS F	\checkmark	
Question Grouping	✓ (Select All)	\sim	Sector	NHS 🗸		
Field Listing	Risk Factors	\sim	Patient Age From	0		
Patient Age To	Archived (Risk Factors)		Sex	-All- 🗸		
	Prior Trust Exposure					
	Additional Comments					
(✓ System					
ne Listings						
Period From	01/07/2019	t.	Period To	16/07/2020		View Per
Organisation Type	NHS Trust 🗸		Organisation Classification	-All- 🗸		Ten Rep
Region	LONDON, MIDLANDS AND EAST, NO	~	Data Collection	Klebsiella spp 🗸 🗸		
Category	Episode Details,System	\sim	Organisation	MANCHESTER UNIVERSITY NHS I	~	
Question Grouping	(Select All)	\sim	Sector	NHS 🗸		
Field Listing	 Episode Details Species 	\sim	Patient Age From	0]	
Patient Age To	Risk Factors		Sex	-All- 🗸		
	Prior Trust Exposure					
	Data Enrichment Additional Comments					
	System					
		1				
e Listinas						
eriod From	01/07/2019		Period To	16/07/2020		View Repo
rganisation Type	NHS Trust 🗸		Organisation Classification	-All-		
egion	LONDON, MIDLANDS AND EAST, NO	\sim	Data Collection	Pseudomonas aeruginosa 🗸		
ategory	Episode Details,System	\checkmark	Organisation	MANCHESTER UNIVERSITY NHS I	\checkmark	
uestion Grouping	✓ (Select All)	\sim	Sector	NHS 🗸		
eld Listing	Episode Details Risk Factors	\sim	Patient Age From	0		
- atient Age To	Prior Trust Exposure		Sex	-All- 🗸		
	Data Enrichment					1
	Additional Comments					

Line Listings						
Period From	01/07/2019		Period To	16/07/2020		View Pepert
Organisation Type	NHS Trust 🗸		Organisation Classification	-All-		View Report
Region	LONDON, MIDLANDS AND EAST, NO	\checkmark	Data Collection	C. difficile 🗸		
Category	Episode Details,System	\sim	Organisation	MANCHESTER UNIVERSITY NHS I	~	
Question Grouping	✓ (Select All)	\checkmark	Sector	NHS 🗸		
Field Listing	 Prior Trust Exposure 	\sim	Patient Age From	0		
Patient Age To	Risk Factors		Sex	-All- 🗸		
	Legacy Healthcare Interactions					
	 Healthcare Interactions (1) Healthcare Interactions (2) 					
	Healthcare Interactions (3)					
	Healthcare Interactions (4)					
	Healthcare Interactions (5)					
	 Healthcare Interactions (6) Healthcare Interactions (7) 					
	 Healthcare Interactions (8) 					
	Healthcare Interactions (9)					
	Inpatient Details					
	Data Enrichment					
	Additional Comments					
	System					
Line Listings						
Period From	01/07/2019		Period To	16/07/2020		View Report
Organisation Type	NHS Trust 🗸		Organisation Classification	-All- 🗸		•
Region	LONDON, MIDLANDS AND EAST, NO	\	Data Collection	QMLR 🗸		
Category	System	~	Organisation	MANCHESTER UNIVERSITY NHS I	~	
Question Grouping	 (Select All) Quarterly Mandatory Lab Return 	~	Sector	NHS V		
Field Listing	System	\sim	Patient Age From	0		
Patient Age To	Aggregate		Sex	-All-		

Organisation

Refers to the specific Organisation, of which data will be displayed and is only activated when a 'Region' has been selected. This parameter will default to the 'Organisation' you are logged in as (Figure 13). National and subnational 'Organisation Types' can either view all cases mapped to them, or limit their search to a specific subnational 'Organisation' or to an Organisation Unit (elementary unit of data collection; only have patient level access to records entered by itself) lower down their 'Organisation Type' hierarchy (This may require selecting a specific 'Region'). (Figure 14).

Figure 13: 'Organisation' parameter for Organisation Unit.

Line Listings						
Period From Organisation Type	01/07/2019 NHS Trust) []	Period To Organisation Classification Data Collection	16/07/2020 IIII -All- MRSA		View Report
Category	Episode Details,System	~	Organisation	MANCHESTER UNIVERSITY NHS I		
Question Grouping	Episode Details - Specimen Details,	\sim	Sector	(Select All) MANCHESTER UNIVERSITY NHS FOUNDATION TRUST		
Field Listing	Specimen Date, Type of Specimen D	\sim	Patient Age From	ROYAL FREE LONDON NHS FOUNDATION TRUST		
Patient Age To	150		Sex	UWEST HERTFORDSHIRE HOSPITALS NHS TRUST		
)	

Figure 14: 'Organisation' parameter options for National 'Organisation Type'*.

Line Listings						
Period From	01/07/2019	i	Period To	17/07/2020		View Peport
Organisation Type	Public Health England Centre	~	Organisation Classification	-All-		view Report
Region	MIDLANDS AND EAST	\sim	Data Collection	MRSA 🗸		
Category	Episode Details,System	~	Organisation		\sim	
Question Grouping		~	Sector	C (Select All)		
Field Listing		\sim	Patient Age From	EAST OF ENGLAND		
Patient Age To	150		Sex		J	

* User logged in as PHE (National) with search limited to PHE Centre 'Organisation Type' and Midlands and East 'Region'

Question Grouping

Allows specific subsections of data to be displayed as defined by the 'Data Collection' and 'Category' parameters; for example, selecting MRSA from 'Data Collection', 'Episode Details' from 'Category' and 'Episode Details-Specimen Details' from 'Question Grouping' will result in only data fulfilling these conditions being displayed in the final report – in this instance 'Specimen Date', 'Type of Specimen Date', 'Specimen No', 'Laboratory where specimen processed Code', 'Laboratory where specimen processed' and 'Other Laboratory' (Figure 15).

Figure 15: 'Question Grouping' parameter options*

Line Listings					
Period From	01/07/2019	Period To	16/07/2020		View Peport
Organisation Type	NHS Trust 🗸	Organisation Classification	-All- 🗸		new report
Region	LONDON, MIDLANDS AND EAST, N(\sim	Data Collection	MRSA		
Category	Episode Details	Organisation	MANCHESTER UNIVERSITY NHS I	~	
Question Grouping	Episode Details - Specimen Details, I 🗸	Sector	NHS 🗸		
Field Listing	 (Select All) Episode Details - Specimen Details 	ent Age From	0		
Patient Age To	Episode Details - Patient Details		-All- 🗸		
	Episode Details - Admission Details				
	Episode Details - Treatment Details				

* 'Data Collection' is 'MRSA' and Category limited to 'Episode Details'.

Sector

This will filter cases reported by either the (e.g. NHS Trusts) or by Independent Sector organisations (Figure 16). Only national and sub-national 'Organisation Types' will be able to filter cases by this parameter to 'All', 'NHS' or 'Independent Sector', with the default option being 'NHS' (Figure 17a,b).

ine Listings.						
Period From	01/07/2019		Period To	16/07/2020		View Report
Organisation Type	Independent Sector Healthcare Provid	ler Site 🗸	Organisation Classification	-All- 🗸		view report
Region	MIDLANDS AND EAST, NORTH OF I	\sim	Data Collection	MRSA 🗸		
Category	Episode Details,System	\sim	Organisation	BMI THE EDGBASTON HOSPITAL,I	\mathbf{r}	
Question Grouping	Episode Details - Specimen Details,I	~	Sector	Independent 🗸	J	
Field Listing	Specimen Date, Type of Specimen D	~	Patient Age From	0		
Patient Age To	150		Sex	-All- 🗸		
Line Listings						
Period From	01/07/2019	1	Period To	16/07/2020		
Period From Organisation Type	01/07/2019 NHS Trust		Period To Organisation Classificati	16/07/2020 on -All-		View Report
Period From Organisation Type Region	01/07/2019 NHS Trust NATIONAL		Period To Organisation Classificati Data Collection	16/07/2020 on -All-		View Report
Period From Organisation Type Region Category	01/07/2019 NHS Trust NATIONAL Episode Details,System	│ <mark> </mark>	Period To Organisation Classificati Data Collection Organisation	16/07/2020 on -All-		View Report
Period From Organisation Type Region Category Question Grouping	01/07/2019 NHS Trust NATIONAL Episode Details,System Episode Details - Specimen Details,	▼ ▼ ▼	Period To Organisation Classificati Data Collection Organisation Sector	16/07/2020 on -All- MRSA AINTREE UNIVERSITY HOSPITA NHS		View Report
Period From Organisation Type Region Category Question Grouping Field Listing	01/07/2019 NHS Trust NATIONAL Episode Details, System Episode Details - Specimen Details, Specimen Date, Type of Specimen D	↓	Period To Organisation Classificati Data Collection Organisation Sector Patient Age From	16/07/2020 on All. MRSA AINTREE UNIVERSITY HOSPITA NHS 0		View Report

Figure 16: 'Sector' default options for Organisation Units.

Figure 17a: 'Sector' parameter options for Subnational 'Organisation Types'.

Line Listings							
0							
Period From	01/07/2019		Period To	16/07/2020			View Report
Organisation Type	Public Health England Centre	~	Organisation Classification	-All-	~		
Region	NATIONAL	\checkmark	Data Collection	MRSA	~		
Category	Episode Details,System	\sim	Organisation	LONDON		~	
Question Grouping	Episode Details - Specimen Details,I	\sim	Sector	NHS 🗸			
Field Listing	Specimen Date, Type of Specimen D	\sim	Patient Age From	-All-]	
Patient Age To	150		Sex	Independent			
				macpendent			
				NHS			

Figure 17b: 'Sector' parameter options for National 'Organisation Types'.

Line Listings						
Period From	01/07/2019		Period To	16/07/2020		View Report
Organisation Type	Department of Health	~	Organisation Classification	-All- 🗸		
Region	NATIONAL	\sim	Data Collection	MRSA 🗸		
Category	Episode Details,System	V	Organisation	DEPARTMENT OF HEALTH) ~	
Question Grouping	Episode Details - Specimen Details,I	∨	Sector	NHS 🗸		
Field Listing	Specimen Date, Type of Specimen D	~	Patient Age From	-All-		
Patient Age To	150		Sex	Independent		
				NHS		
)	

Field Listing

Allows you to select data for specific data fields (questions) as per Case Capture. Options available depend on 'Data Collection', 'Category' and 'Question Grouping' parameters previously selected (e.g. selecting 'MRSA' from 'Data Collection', 'Episode Details' from 'Category', 'Episode Details' from 'Question Grouping' and selecting all fields in 'Field Listing' will result in displaying all of these variables in the Line Listings report) generated (Figure 18).

Line Listings						
Period From Organisation Type	01/07/2019 Public Health England (National)	~	Period To Organisation Classification	16/07/2020 -All-		View Report
Region	NATIONAL	~	Data Collection	MRSA 🗸		
Category	Episode Details	~	Organisation	PUBLIC HEALTH ENGLAND	\sim	
Question Grouping	Episode Details - Specimen Details,	~	Sector	NHS 🗸		
Field Listing	Specimen Date, Type of Specimen D	~	Patient Age From	0		
Patient Age To	✓ (Select All)	_	Sex	-All- 🗸		
-	Specimen Date					
	Vilype of Specimen Date					
	Specifien No	and Co.				
	Laboratory where specimen process	sed COI				
	Caboratory where specifier process	eu -				
	V NHS Number					
	Hospital Number					
	✓ Sex					
	Episode Category					
	Forename					
	Surname					
	Patient Location					
	Other Patient Location					
	✓ Trust / Provider Code					
	Trust / Provider					
	Other Provider & Site To					
	V Hospital Site Code					
	Hospital Site Name Other Upgridel Site Te					
	Viner Hospital Site 10	•				

Figure 18: 'Field Listing' parameters*

* 'Data Collection' is set to 'MRSA', 'Category' is set to 'Episode Details' and 'Question Grouping' is set to 'Episode Details- Specimen Details'.

Patient Age From and Patient Age To

These parameters limit the search result to cases reported in patients within a specified age range.

'Patient Age From'- this parameter allows you to narrow down the Line Listings report to cases in patients equal to or above a specified age. The default option is '0' (Figure 19). This is a free text field.

(N.B. *C. difficile* infections in patients aged under 2 years are not mandatory to report; the patient age from should be set to 2 to replicate official PHE outputs)

Figure 19: 'Patient Age From' parameter default option.

Line Listings						
Period From	01/07/2019		Period To	16/07/2020		View Report
Organisation Type	Public Health England (National)	~	Organisation Classification	-All- 🗸		
Region	NATIONAL	\checkmark	Data Collection	C. difficile 🗸		
Category	Episode Details,System	\checkmark	Organisation	PUBLIC HEALTH ENGLAND	~	
Question Grouping	Episode Details - Specimen Details,I	\sim	Sector	NHS 🗸		
Field Listing	Specimen Date, Type of Specimen D	\sim	Patient Age From	0		
Patient Age To	150		Sex	-All- 🗸		

'Patient Age To' - this parameter allows you to narrow down the Line Listings report to cases from patients equal to or below a specified age. The default option is '150' (Figure 20). This is a free text field.

Figure 20: 'Patient Age To' parameter default option.

Line Listings						
Period From	01/07/2019		Period To	16/07/2020		View Pepert
Organisation Type	Public Health England (National)	~	Organisation Classification	-All-		view Report
Region	NATIONAL	\sim	Data Collection	C. difficile 🗸		
Category	Episode Details,System	\sim	Organisation	PUBLIC HEALTH ENGLAND	\checkmark	
Question Grouping	Episode Details - Specimen Details, f	\sim	Sector	NHS 🗸		
Field Listing	Specimen Date, Type of Specimen D	\sim	Patient Age From	0		
Patient Age To	150		Sex	-All- 🗸		

Sex

This parameter allows you to restrict the data included in the report by patient gender. The default option is 'All', with other options being available from the drop-down menu: 'Male', 'Female' and 'Unknown' (Figure 21).

Figure 21. 'S	ex' parameter	r options.
---------------	---------------	------------

	 ← → C is testdevdcspt Ⅲ Apps III Hoofboore associat. 	ალეკპერსეფი ჩეფო ჩეფო ჩეფო ჩეფო აფოურევე 1000 (000 სირეკე მის სარეკე 1000 (000 სირეკე - 0, წ. 🚺 🚺 🔅 🖈 17 🌚 ტ. რერ სარეკე კოლი კარი და 100 სირეკე მის და სარეკე მოლის და და და სარეკე მოლის და და მა სარეკე მის და და და და და სარეკე მის სარეკე მის და და სარეკე მის და და და სარეკე მის და	All Design of the second secon
	Public Health England	HCAI DCS Mandatory Surveillance - Test Site	Bardine teaching - Concerner From Manager Branchers - Conc - Loss Hang and http://www.income.in
	Menu Toolber Ny Deshioner	Line Listings Percefue Boltzers Percefue Boltzers	
	Case Capture Data Upload Wizard	Regin MYCRAL V Desir Centerins C. (dr.) V Controls Type To Table To	
Name of the second seco	Case Administration User Administration Bysters Reports	Patenting to the second s	Hardware SUSSE II Hardware SUSSE II Repeated for OrienterSpecific forms II and Market Sussel II Banama III II I
	Riparta Help & Support	fange Sterner	New Windows Window
	This report includes detailed demographicipatient level information for all infection cases and PIC records (where appropriate), Information included in the output will		Norm Norm <th< td=""></th<>

View Report

Selecting 'View Report' enables you to view the records specified by your previously made parameter selections (Figures 22, 23). Please note 'View Report' functionality only enables

the first 25 records to be displayed. This is to provide a preview of the report content prior to exporting the data in its entirety. 'Export Report functionality is outlined below.

Figure 22: 'View Report' functionality.

I	ine Listings						
	Period From	01/07/2019		Period To	16/07/2020		View Pepert
	Organisation Type	Public Health England (National)	~	Organisation Classification	-All- 🗸		View Report
	Region	NATIONAL	\sim	Data Collection	MRSA 🗸		
	Category	Episode Details,System	\sim	Organisation	PUBLIC HEALTH ENGLAND	· ·	
	Question Grouping	Episode Details - Specimen Details, I	\sim	Sector	NHS ¥		
	Field Listing	Specimen Date, Type of Specimen D	\sim	Patient Age From	0]	
	Patient Age To	150		Sex	-All- 🗸		

Figure 23: Example of the 'View Report' output.

Period From	01/07/2019		Period To	16/07/20	20		View Repo
rganisation Ty	pe Public Health England	(National)	 Organisation Class 	ification -All-	~		
egion	NATIONAL	~	Data Collection	MRSA	~		
ategory	Episode Details,Syster	n ~	Organisation	PUBLIC	HEALTH ENGLAND	\checkmark	
uestion Group	ing Episode Details - Spec	imen Details, I 🗸	Sector	NHS	~		
ield Listing	Specimen Date, Type o	f Specimen D 🗸	Patient Age From	0			
Patient Age To	150		Sex	-All-	~		
I⊲ <	1	of 1	> > 0 0 0	100%	✓	Find	Next
Public Health England			Line Listings	i			
The line list di	splayed only shows 25	records. Click E	Export for full report				
The line list di EXPORT	splayed only shows 25	records. Click E	Export for full report				
The line list di EXPORT Period From	splayed only shows 25	Organisation Type	Export for full report Public Health England (National)	Organisation	-All-		
The line list di EXPORT Period From Period To	splayed only shows 25 01/07/2019 16/07/2020	Organisation Type Region	Export for full report Public Health England (National) NATIONAL	Organisation Data Collection	-All- MRSA		-
The line list di EXPORT Period From Period To Category	splayed only shows 25 01/07/2019 16/07/2020 Episode Details System	records. Click E Organisation Type Region Question Grouping	Export for full report Public Health England (National) NATIONAL -All-	Organisation Data Collection Field Listing	-All- MRSA -All-		
The line list di EXPORT Period From Period To Category Patient Age From	splayed only shows 25 01/07/2019 16/07/2020 Episode Details System 0 - 150	Organisation Type Region Question Grouping Sex	Export for full report Public Health England (National) NATIONAL -AllAll-	Organisation Data Collection Field Listing Sector	-All- MRSA -All- NHS		
The line list di EXPORT Period From Period To Category Patient Age From Organisation Classification	splayed only shows 25 01/07/2019 16/07/2020 Episode Details System 0 - 150 -All-	Organisation Type Region Question Grouping Sex	Export for full report Public Health England (National) NATIONAL -All- -All-	Organisation Data Collection Field Listing Sector	-Ali- MRSA -Ali- NHS		
The line list di EXPORT Period From Period To Category Patient Age From Organisation Classification ID	splayed only shows 25 01/07/2019 16/07/2020 Episode Details System 0 - 150 - All- Data Collection Date	records. Click B Organisation Type Region Question Grouping Sex Data Collection	Export for full report Public Health England (National) NATIONAL -AllAll- N	Organisation Data Collection Field Listing Sector Reporting Organisation Code	-All- MRSA -All- NHS Specimen Date	Type of Specimen Date	Specimen No
The line list di EXPORT Period From Period To Category Patient Age From Organisation D 002904	splayed only shows 25 01/07/2019 16/07/2020 Episode Details System 0 - 150 -All- Data Collection Date 02/07/2019	records. Click B Organisation Type Region Question Grouping Sex Data Collection MRSA	Export for full report Public Health England (National) NATIONAL -AllAll- N	Organisation Data Collection Field Listing Sector Reporting Organisation Code	-All- MRSA -All- NHS Specimen Date	Type of Specimen Date Date Specimen Taken	Specimen No A123456
The line list di EXPORT Period From Period To Category Patient Age From Organisation D 002904 002907	splayed only shows 25 01/07/2019 16/07/2020 Episode Details System 0 - 150 - All- Data Collection Date 02/07/2019 02/07/2019	records. Click B Organisation Type Region Question Grouping Sex Data Collection MIRSA MIRSA	Export for full report Public Health England (National) NATIONAL -AIIAII	Organisation Data Collection Field Listing Sector Reporting Organisation Code RYJ RPA	-All- MRSA -All- NHS Specimen Date	Type of Specimen Date Date Specimen Taken Date Specimen Taken	Specimen No A123456 A123456

Export Report

Selecting 'Export' from above the 'View Report' output enables the export of all records fulfilling the previously specified criteria. The output is in .txt format. The download progress is conducted offline and the message in Figure 25 is displayed. Once the download is completed, a smaller window will pop up giving you options to open or save the file, or cancel the export (Figure 26).

Figure 24. Export functionality.

Figure 25: Progress message of export functionality.

My Line Listing Report

In order to view the progression of the export, the user will need to select the 'My Line Listings Report' option from the Menu toolbar. This will produce a results window (Figure 27) listing all the reports generated by the user.

Menu Toolbar
My Dashboard
Search
Case Capture
Data Upload Wizard
User Administration
Reports
Counts or Rates of Infection Episodes
Timeliness of CEO Sign-Off
Nil Returns
Line Listings
Line Listing Report
My Line Listings Results
Find Duplicates
Quarterly Mandatory Laboratory
Return (QMLR) Report

Figure 26. My Line Listings Report option

Figure 27. My Line Listings Report results window.

1	ly Line Listi	ng Report						
	Line Listin	g Reports						
ſ		Period From	Period To	Organisation Name	Data Collection	File Processing Status	File Name	Created Date
					(All)	(All)		
	Download	01-07-2010	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND/	MRSA	Completed	WASTI, Sobia2020071616	16-07-2020 16:48
	Download	01-07-2019	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND/	MRSA	Downloaded	WASTI, Sobia2020071616	16-07-2020 16:32:

The My Line Listings Report results window provides the following information for the user,

- period from and to of the data extracted
- data collection
- status of the file being exported.
- name of the user who generated the report.
- date and time the report was generated.

Please note when a large amount of data is extracted the 'File processing Status' column will display 'In Progress', until the file is complete and ready for download (Figure 28.)

Figure 28. Different statuses of file processing

N	ly Line Listir	ng Report						
	-Line Listin	g Reports						
I		Period From	Period To	Organisation Name	Data Collection	File Processing Status	File Name	Created Date
					(All)	(All)		
	Download	01-07-2010	16-07-2020	MANCHESTER UNIVERSITY NHS FOUNDA	MRSA	Completed	WASTI, Sobia2020071616	16-07-2020 16:48:
	Download	01-07-2019	16-07-2020	MANCHESTER UNIVERSITY NHS FOUNDA	MRSA	Downloaded	WASTI, Sobia2020071616	16-07-2020 16:32:
		01-07-2011	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND/	E. coli	In Progress		16-07-2020 17:43:

Once the line listing report is ready for the user to download, an email will be generated by the HCAI DCS which will be sent to the email address registered by the user; to let them know that the report is ready to be downloaded (Figure 28).

My Line	Listing Report						
Line	Listing Reports						
	Period From	Period To	Organisation Name	Data Collection	File Processing Status	File Name	Created Date
				(All)	(All)		
Downlo	oad 01-07-2010	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND	MRSA	Completed	WASTI, Sobia2020071616	16-07-2020 16:48:
Downlo	oad 01-07-2019	16-07-2020	MANCHESTER UNIVERSITY NHS FOUNDA	MRSA	Downloaded	WASTI, Sobia2020071616	16-07-2020 16:32:
	01-07-2011	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND/	E. coli	In Progress	J	16-07-2020 17:43:

Please note, occasionally the email is filtered into junk/spam inboxes, thus users are requested to check these inboxes, prior to contacting the DCS support team.

Figure 28. Email received on completion of exporting of your data.



Your line listing report is now ready to download from the DCS. Please navigate to the 'My Line Listings page'

This message has been auto-generated, please do not reply to this message

This message has been auto-generated, please do not reply to this message

Downloading the Line Listings report

Once the file is complete a blue download button will be enabled at the beginning of the row. By clicking the Download button (Figure 29.)in the My Line Listings results window the file will be downloaded onto the user's PC.

Figure 29. My Line listings results window when file is ready to be downloaded.

My Line Lis	ting Report						
Line List	ing Reports						
	Period From	Period To	Organisation Name	Data Collection	File Processing Status	File I ame	Created Date
				(All)	(All)		
Download	01-07-2011	16-07-2020	MANCHESTER UNIVERSITY NHS FOUNDA	E. coli	Completed	WASTI, Sob 1202007161	6 16-07-2020 16:48:
Download	01-07-2019	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND/	MRSA	Downloaded	WASTI, Sob (202007161	6 16-07-2020 16:32:
Download	01-07-2010	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND/	MRSA	Downloaded	WASTI, Sob	16-07-2020 17:43:

Figure 30. line listings report downloaded as .txt file.

ly Line Listi	ing Report					
Line Listir	ng Reports					
	Period From	Period To	Organisation Name	Data Collection	File Processing Status	File I
				(All)	(All)	
Download	01-07-2011	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND	E. coli	Completed	WASTI, Sob
Download	01-07-2019	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND	MRSA	Downloaded	WASTI, Sob
Download	01-07-2010	16-07-2020	MANCHESTER UNIVERSITY NHS FOUND	MRSA	Downloaded	WASTI, Sob
d Data C ment Spec	ollection D ialty Augme	ate Data Co nted Care (ollection Reporting Organisat Code Augmented Care Other Aug	tion Code Specime ^ gmented Care Date		
52885 01	/07/2010 MR	SA R0A 01/0	07/2010 Date Specimen Taken / 07/2010 Date Specimen Taken /	A123456 LAB685805		
55210 05	/08/2010 MR	SA R0A 05/0	08/2010 Date Specimen Taken /	A123456 LAB685790		
55773 16	/08/2010 MR	SA RØA 16/0	08/2010 Date Specimen Taken /	A123456 LAB685850		F
56125 22	/08/2010 MR /08/2010 MR	SA RAL 22/0 SA RWG 13/0	08/2010 Date Specimen Taken / 08/2010 Date Specimen Taken /	A123456 LAB284420 A123456 LAB248715		Item 1 to 3 of 3
ystem 10	/09/2010 SY	STEM, Syste	em	1204001080240710		
57699 10	/08/2010 MR	SA RØA 10/0	08/2010 Date Specimen Taken	A123456 LAB688160		
.57702 28	/08/2010 MR	SA R0A 28/0	08/2010 Date Specimen Taken 4	A123456 LAB685805		

The filename will always start with the users surname_first name followed by the date of extraction. This file must be saved to a location where the user can easily navigate to.

Due to the usually large size of the Line Listing output file, the Line Listing report can only be exported as a "|" ("pipe") delimited .txt file. This is in order to minimise its download time. Should you require the output file in excel format, you can save the output file as an excel workbook (.xls or .xlsx) by following the steps below.

- Open a new Microsoft Excel workbook
- Select the "From Text" option from the "Data" tab

Figure 31: Importing text file

X	5-((≝ ▼ ▼							Boo
File	Ho	ime Inse	rt Page	Layout	Formulas	Data F	leview Y	view De	veloper
From Acces	From s Web	From From Text So Get Externa	m Other urces ≠ Ci al Data	Existing onnections	Refresh All + Conn	Connection Properties Edit Links ections	^s Ž↓ Ž Z↓ So	rt Filter Sort & Fi	Ҡ Clear 🚡 Reapp び Advan Iter
	A1		• (=	f _x					
	А	В	С	D	E	F	G	н	- I
1		Į							
2									
3									
4									
6									
7									
8									
9									
10									
11									
12									
13									

• A browse window will then pop up. Select the output file and click "Import"

Figure 32: Import text file browse window

🔀 Import T	ext File			×
O	길 🕨 Libraries 🕨 Documents 🕨 Output		rch Output	٩
Organize	 New folder 		!≡ ▼	
	Documents library Output		Arrange by: Fold	ler 🔻
*	Name	Date modified	Туре	Size
	i output.bt	30/07/2015 11:01	TXT File	1
<u>,</u> + 4				Þ
	File name: output.txt		Files (*.prn;*.txt;*.csv) mport Car	→ ncel

• This will launch the **Text Import Wizard**. In Step 1 change the file type to "**Delimited**" and click "**Next**" to move to Step 2 as shown below.

Figure 33: Text Import Wizard - Step 1

Text Import Wizard - Step 1 of 3
The Text Wizard has determined that your data is Fixed Width.
Original data type
Choose the file type that best describes your data: Delimited - Characters such as commas or tabs separate each field. Fixed width - Fields are aligned in columns with spaces between each field.
Start import at row: 1 File origin: MS-DOS (PC-8)
Preview of file C:\Users\olisaeloka.nsonwu\Documents\Output\output.txt.
L Id Data Collection Date Data Collection Reporting Organisation Code Spec: *
2 274140 14/01/2013 C. difficile RXH 14/01/2013 Date Specimen Taken 13U008
4274908/21/01/2013/C. difficile/RXH/21/01/2013/Date Specimen Taken/13U012 5275669/27/01/2013/C. difficile/RXH/27/01/2013/Date Specimen Taken/13U016 -
•
Cancel < Back Next > Einish

• Under "Delimiters " untick the "Tab" option and type in the "]" ("pipe") character in text box beside the "Other" option. This is usually located at the bottom left corner of your keyboard (Fig 35). Click the "Finish" button to complete the import.

Figure 34: Text Import Wizard - Step 2

Text Import Wizard - Step 2 of 3								
This screen lets you set the delimiters your data contains. You can see how your text is affected in the preview below.								
Delimiters Treat consecutive delimiters as one Comma Space Qther: Data greview								
Id Data Collection Date Data Collection Reporting Organisation C 274140 14/01/2013 C. difficile ROH 274755 19/01/2013 C. difficile ROH 274908 21/01/2013 C. difficile ROH 275669 27/01/2013 C. difficile ROH	ode Spi - 14. 14. 19. 21. 27							
Cancel < <u>B</u> ack <u>N</u> ext >	Einish							

• In the next prompt leave the options as show below and click "ok"



Figure 35: "|" (Pipe) character on the keyboard

Figure 36: Position on worksheet to import data

Import Data		? ×			
Where do you want to put the data? Output Existing worksheet:					
=\$A\$1					
🔘 <u>N</u> ew worksheet					
Properties	ОК	Cancel			

• Once completed you should have a sheet similar to that shown below.

Figure 37: Example of imported data

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274140	14/01/2013 C. diff	nale RXH	14/01/2	313 Date specimer	n Taken 130008	3815 LAB311065		BRIGHTON MICK
274755	19/01/2013 C. diff	tidle R0H	19/01/2	113 Date Specimer	n Taken 130011	L486 LAB311065		BRIGHTON MICR
274908	21/01/2013 C. diff	ndle RXH	21/01/2	213 Date specimer	n Taken 13001;	2787 LAB311065		BRIGHTON MICK
275669	21/01/2013 C. diff	naie H0H	27/01/2	J13 Date Specimer	n raken 130016	184 LAB311065		BHIGHTON MICR
275889	29/01/2013 C. diff	note ROH	29/01/2	713 Date Received	In Lab 13001	7066 LAB311065		BRIGHTON MICR
(75894	29/01/2013 C. diff	nate HXH	29/01/2	J13 Date Specimer	n raken 13001	7068 LAB311065		BHIGHTON MICR
76976	04/02/2013 C. diff	ticile RXH	04/02/2	313 Date Specimer	n Taken 130021	L343 LAB311065		BRIGHTON MICK
277845	05/02/2013 C. diff	tidle RXH	05/02/2	013 Date Specimer	n Taken 13U021	L968 LAB311065		BRIGHTON MICK
78426	13/02/2013 C. diff	ticile RXH	13/02/2	313 Date Specimer	n Taken 130028	5734 LAB311065		BRIGHTON MICK
78771	13/02/2013 C. diff	tidle RXH	13/02/2	013 Date Specimer	n Taken 13002	7601 LAB311065		BRIGHTON MICK
278796	13/02/2013 C. diff	ticile RXH	13/02/2	313 Date Specimer	n Taken 13002	7264 LAB311065		BRIGHTON MICK
79199	18/02/2013 C. diff	tidle RXH	18/02/2	313 Date Specimer	n Taken 13U02	9593 LAB311065		BRIGHTON MICH
279201	17/02/2013 C. diff	tidle RXH	17/02/2	313 Date Specimer	n Taken 130025	9582 LAB311065		BRIGHTON MICK
279441	19/02/2013 C. diff	ficile RXH	19/02/2	313 Date Specimer	n Taken 13U030	0999 LAB311065		BRIGHTON MICK
279765	21/02/2013 C. diff	tidle RXH	21/02/2	313 Date Specimer	n Taken 130032	2311 LAB311065		BRIGHTON MICR
279989	22/02/2013 C. diff	ficile RXH	22/02/2	313 Date Specimer	n Taken 13U03	3264 LAB311065		BRIGHTON MICR
281309	03/03/2013 C. diff	ticile RXH	03/03/2	313 Date Specimer	n Taken 13U03	1530 LAB311065		BRIGHTON MICR
281472	28/02/2013 C. diff	fidle RRV	28/02/2	313 Date Received	lin Lab 13V113	2888 LAB285500		UNIVERSITY COL
282649	10/03/2013 C. diff	fidle RXH	10/03/2	313 Date Specimer	n Taken 13U04	3660 LAB311065		BRIGHTON MICR
282889	08/03/2013 C. diff	fidle RXH	08/03/2	313 Date Specimer	n Taken 130043	3821 LAB311065		BRIGHTON MICK
283079	13/03/2013 C. diff	fidle RXH	13/03/2	313 Date Specimer	n Taken 13U04	5749 LAB311065		BRIGHTON MICK
283094	10/03/2013 C. diff	fidle RXH	10/03/2	313 Date Specimer	n Taken 13U045	5795 LAB311065		BRIGHTON MICK
284081	21/03/2013 C. diff	fidle RXH	21/03/2	013 Date Specimer	n Taken 13U050	0815 LAB311065		BRIGHTON MICR
284267	22/03/2013 C. diff	fidle RXH	22/03/2	313 Date Specimer	n Taken 13U051	L645 LAB311065		BRIGHTON MICK
284326	24/03/2013 C. diff	ficile RXH	24/03/2	313 Date Specimer	n Taken 19U05:	2148 LAB311065		BRIGHTON MICR
2846-40	25/03/2013 C. diff	fidle RXH	25/03/2	013 Date Specimer	n Taken 13U053	3427 LAB311065		BRIGHTON MICR
284751	27/03/2013 C. diff	ficile RXH	27/03/2	313 Date Specimer	n Taken 130054	1535 LAB311065		BRIGHTON MICR
284795	28/03/2013 C. diff	fidle RXH	28/03/2	013 Date Specimer	n Taken 13U054	1812 LAB311065		BRIGHTON MICK
285932	03/04/2013 C. diff	ficile RXH	03/04/2	313 Date Specimer	n Taken 13U05	7398 LAB311065		BRIGHTON MICR
286364	03/04/2013 C. diff	ficile RYR	03/04/2	013 Date Specimen	n Taken B16151	0 LAB361780		ST RICHARD'S HO
287821	13/04/2013 C. diff	fidle RXH	13/04/2	313 Date Specimer	n Taken 130063	3574 LAB311065		BRIGHTON MICE
289446	25/04/2013 C. diff	ficile RXH	25/84/2	313 Date Specimen	n Taken 13U07	L064 LAB311065		BRIGHTON MICR
289462	26/04/2013 C. diff	fidle RXH	26/04/2	313 Date Specimer	n Taken 13007	LAB311065		BRIGHTON MICR
289778	29/04/2013 C. diff	ficile RXH	29/04/2	313 Date Specimer	n Taken 13U07;	2667 LAB311065		BRIGHTON MICH
291651	08/05/2013 C. diff	fidle RXH	08/05/2	013 Date Specimer	n Taken 13U07	7852 LAB311065		BRIGHTON MICR
292972	16/05/2013 C. diff	ficile RXH	16/05/2	313 Date Specimer	n Taken 13U08	2944 LAB311065		BRIGHTON MICR
2935-64	20/05/2013 C. diff	fidle RXH	20/05/2	013 Date Specimer	n Taken 13U084	1852 LAB311065		BRIGHTON MICR

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