

Daily Situation Report  
Metric Definitions  
Electronic Submissions

Status: Final

**Version No:** 1.29

**Date:** 05/02/2021

## Version History

Version No.	Date	Revised by	Amended Section & Description of Change
0.1-1.8	22.09.2017	Geoff Coles	Internal NHSI iterations of the specification
1.9	25.09.2017	Geoff Coles	<p>First agreed specification available for external review.</p> <p><b>MetricID 317:</b> changed to “Number of waits for admission from DTA over 12 hours”</p> <p><b>MetricID 321:</b> Total G&amp;A Beds Open is still subject to confirmation as it’s being reviewed for deprecation as it’s a calculation derived from existing metrics</p> <p><b>MetricID 355:</b> “Beds occupied by super stranded patients – beds occupied by patients with a length of stay of 21 or more days” is to be confirmed as a valid metric.</p> <p><b>MetricID 325:</b> “Number of beds unavailable due to delayed transfers of care” – this metric has been asked for more clarity regarding the “as of 8am” comment in the description.</p>
1.10	26.09	Geoff Coles	Updated to include clarity that these metrics are at Site level
1.11	29.09	Geoff Coles	Updated The title and definition for metricID 355: “Beds occupied by extended length of stay patients – beds occupied by patients with a length of stay of 21 or more days”
1.12	05.10	Geoff Coles	Changed the operator of “>= 7 days” to 7 or more days for metric ID 326 . “Beds occupied by stranded patients – beds occupied by patients with a length of stay of 7 or more days”
1.13	10.10	Geoff Coles	Removed metrics 335,336,337,338,339,340,341, 342, 343, 344, 345, 346, 347, 348, 349, 350
1.14	11.10	Geoff Coles	<p>Amended text in Section A.2: “30 metrics” replaced with “35 metrics” and removed incorrect deprecated statement for metric 304.</p> <p>Amended text in Section A.3 to include the statement ‘A return type of “SITREP” must be present and must be in capital letters.’</p> <p>Section A.3: Amended the definition for metric 321 “Total G&amp;A beds open” to “Total G&amp;A core bed stock open + Total G&amp;A escalation beds open”</p> <p>Section A.3: Removed the reference to QMCO from metric 328 “Urgent operations cancelled in previous 24 hours”</p>
1.15	08/11/17	Kiron Briggs	<p>Changes to metrics introduced:</p> <p><b>Deprecated Metrics:</b></p> <p>314: Ambulance handover delays of 15 to 30 minutes</p> <p>352: OPEL escalation status</p>

Version No.	Date	Revised by	Amended Section & Description of Change
			<p><b>Additional Metrics: (356 – 367, 318)</b>            356: A&amp;E Closures            357: How long unit closed (minutes)            358: A&amp;E Diverts            359: A&amp;E Diverts -Duration of diverts (minutes)            360: A&amp;E Diverts Patients diverted from:            361: Patients diverted to:            362: Adult critical care beds available            363: Adult critical care beds occupied            364: Paediatric intensive care beds available            365: Paediatric intensive care beds occupied            366: Neonatal intensive care cots available            367: Neonatal intensive care cots occupied</p> <p>318: Number of waits for admission 4-12 hours from DTA</p>
1.16	10/11/2017	K.Briggs	Final amendments following review
1.17	10/11/2017	K.Briggs	Metrics 315 & 316 deleted from A2 High level table of metrics by accident; Added back in in this version.
1.18	13/12/2017	K.Briggs	Metric 328 - definition updated to be inline with SitRep Report Guidance doc (1.6)
1.19	23/07/2018	K.Briggs	<p>Addition of new metric 371 “Number of Admissions”</p> <p>Metric 311 - deprecated</p> <p>Addition of new metric 368– “Number of Discharges”</p> <p>Amendments to Metric 326:</p> <ul style="list-style-type: none"> <li>• Change in terminology - “Stranded Patients” are now called “Long stay patients”</li> <li>• Change to title and definition – “Beds occupied by long-stay patients: 7+ days”;</li> <li>• change in collection criteria</li> </ul> <p>Addition of new metric 369 – “Beds occupied by long-stay patients: 14+ days</p> <p>Amendments to metric 355:</p> <ul style="list-style-type: none"> <li>• change to title and definition - “Beds occupied by long-stay patients: 21+ days</li> <li>• change in collection criteria</li> </ul> <p>Addition of new metric 370 – “Metrics relating to Influenza” – to be expanded</p>

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1.20	08/08/2018	K.Briggs	<p>Following discussions, it will be easier to implement if we deprecate the changed metrics and replace with new IDs:</p> <p>Metric 326 – Deprecated Metric 355 – deprecated</p> <p>Addition of new metric 372 - Beds occupied by Long-Stay Patients 7+ days</p> <p>Addition of new metric 373 - Beds occupied by Long-stay patients 21+ days</p>
1.21	21/08/2018	K.Briggs	<p>Metric 318 high level description on page 9 changed to read “Number of waits for admission 4-12 hours from DTA”. Description on p16 is correct. Status changed to “Final”</p>
1.22	05/09/2018	K.Briggs	<p>Addition of Flu metrics:</p> <p>370 – Daily census of the number of patients in the hospital with laboratory-confirmed influenza in HDU and ITU beds at 8am</p> <p>374 – Daily census of the number of patients in the hospital with laboratory-confirmed influenza in all other inpatient beds at 8am</p> <p>375 – Of these patients in hospital with laboratory confirmed influenza, how many were newly diagnosed in the previous 24 hours</p>
1.23	05/10/2018	K.Briggs	Reinstated metric no 311

1.24	23/01/2020	K.Briggs	<p><b>Removed Flu Metrics: -</b></p> <p>Following three Flu Metrics currently removed from definition documents as these are not live.</p> <p><del>370 – Daily census of the number of patients in the hospital with laboratory-confirmed influenza in HDU and ITU beds at 8am</del></p> <p><del>374 – Daily census of the number of patients in the hospital with laboratory-confirmed influenza in all other inpatient beds at 8am</del></p> <p><del>375 – Of these patients in hospital with laboratory-confirmed influenza, how many were newly diagnosed in the previous 24 hours</del></p> <p><b>Addition of new metrics for the UTC booked Appointments.</b></p> <p>376 – Number of booked appointments at an Urgent Treatment Centre made in advance</p> <p>377 – 4 hour breaches in booked UTC appointments</p> <p><b>Level 2 beds removed from the definition of paediatric intensive care beds, as per revisions in the Monthly SitRep counting guidance issued in November 2018</b></p> <p>364 - Paediatric intensive care beds available 365 - Paediatric intensive care beds occupied</p>
1.25	31/01/2020	K.Briggs	<p><b>Added Flu and coronavirus Metrics (collected separately through FLU Collection)</b></p> <p><u>FLU Metrics</u></p> <p>370 – Daily census of the number of patients in the hospital with laboratory-confirmed influenza in HDU and ITU beds at 8am</p> <p>374 – Daily census of the number of patients in the hospital with laboratory-confirmed influenza in all other inpatient beds at 8am</p> <p>375 – Of these patients in hospital with laboratory confirmed influenza, how many were newly diagnosed in the previous 24 hours</p> <p><u>Coronavirus Metrics</u></p> <p>378 – Daily census of the number of patients in the hospital with laboratory-confirmed coronavirus in HDU and ITU beds at 8am</p> <p>379 – Daily census of the number of patients in the hospital with laboratory-confirmed coronavirus in all other inpatient beds at 8am</p> <p>380 – Of these patients in hospital with laboratory confirmed coronavirus, how many were newly diagnosed in the previous 24 hours</p>

1.26	13/02/2020	K.Briggs	<p><b>Update the name of the coronavirus to Covid-19 in the metrics for FLU collection</b></p> <p>378- Daily census of the number of patients in the hospital with laboratory-confirmed <b>Covid-19</b> in HDU and ITU beds at 8am</p> <p>379 - Daily census of the number of patients in the hospital with laboratory-confirmed <b>Covid-19</b> in all other inpatient beds at 8am</p> <p>380 - Of these patients in hospital with laboratory confirmed <b>Covid-19</b>, how many were newly diagnosed in the previous 24 hour</p>
1.27	02/12/2020	Shivdas Menon	<p><b>Added new metrics for winter</b></p> <ul style="list-style-type: none"> <li>• 477 – 483</li> <li>• 488 – 490</li> <li>• 570 – 593</li> </ul> <p><b>Deprecated Metric id and added new</b></p> <ul style="list-style-type: none"> <li>• 376 → 592</li> <li>• 377 → 593</li> </ul> <p><b>Removed Metric</b></p> <ul style="list-style-type: none"> <li>• 325</li> </ul> <p><b>Removed FLU and Covid metric (Collection not active)</b></p> <ul style="list-style-type: none"> <li>• 374</li> <li>• 375</li> <li>• 378</li> <li>• 379</li> <li>• 380</li> </ul>
1.28	11/01/2021	Shivdas Menon	<p><b>Added new metrics for winter</b></p> <ul style="list-style-type: none"> <li>• 471 – 472</li> <li>• 594 – 600</li> </ul>
1.29	05/02/2021	Shivdas Menon	<p><b>Removal of elective admissions and cancer DTT questions</b></p> <ul style="list-style-type: none"> <li>• 574 – 577</li> <li>• 582 – 585</li> <li>• 597 – 600</li> </ul>

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## A.1 Executive Summary

The daily situation report (SITREP) indicates where there are pressures on the NHS around the country in areas such as breaches of the four-hour waiting time, ambulance handover delays and pressure on beds.

To support SITREP submissions this document outlines the proposed version of the metrics. The metrics are now submitted electronically at SITE level.

## A.2 SitRep Collection: Metric definition

A list of the metrics is presented below as well as indicating any modifications from the previous version. There are 79 active metrics issued in this version.

NB. Messages submitted electronically will not be processed if the following are not adhered to:

- A valid **Metric ID** must be present
  - with the data types as specified as below table
  - would fail if the validations mentioned in the table is not passed
- The **Metric Period Start** and **Metric Period End** (formats must be as specified as below)

Metric Period Start	Metric Period End
yyyy-mm-dd 00:00:00	yyyy-mm-dd 23:59:59

- Detailed description for each metrics can be referred to in below document [Daily Situation Report Guidance](#)

**Refer to below table for the list of metrics to be submitted**



Display Order	Metric State	Metric ID	Metric Name	Data type	Business Validation
1	Active	301	Number of A&E Attendances - Type 1	Integer	Number of A&E Attendances - Type 1 should be equal to sum of Number of A&E Attendances - Type - Resus,Number of A&E Attendances - Type - Majors,Number of A&E Attendances - Type - Minors,Number of A&E Attendances - Type - Paediatrics
2	Active	334	Number of A&E Attendances - Type 1 - Resus	Integer	
3	Active	331	Number of A&E Attendances - Type 1 - Majors	Integer	
4	Active	332	Number of A&E Attendances - Type 1 - Minors	Integer	
5	Active	333	Number of A&E Attendances - Type 1 - Paediatrics	Integer	
6	Active	302	Number of A&E Attendances - Type 2	Integer	
7	Active	303	Number of A&E Attendances - Type 3	Integer	
8	Active	304	4 Hour Wait Breaches - Type 1	Integer	Type 1 Breaches cannot be more than Type 1 Attendances 4 Hour Wait Breaches - Type 1 should be equal to sum of 4 Hour Wait Breaches - Type 1 - Resus,4 Hour Wait Breaches - Type 1 - Majors,4 Hour Wait Breaches - Type 1 - Minors,4 Hour Wait Breaches - Type 1 - Paediatrics
9	Active	307	4 Hour Wait Breaches - Type 1 - Resus	Integer	Type 1 Resus Breaches cannot be greater than Type 1 Resus Attendances
10	Active	306	4 Hour Wait Breaches - Type 1 - Majors	Integer	Type 1 Majors Breaches cannot be greater than Type 1 Majors Attendances
11	Active	305	4 Hour Wait Breaches - Type 1 - Minors	Integer	Type 1 Minors Breaches cannot be more than Type 1 Minors Attendances
12	Active	308	4 Hour Wait Breaches - Type 1 - Paediatrics	Integer	Type 1 Paediatrics Breaches cannot be greater than Type 1 Paediatrics Attendances
13	Active	309	4 Hour Wait Breaches - Type 2	Integer	Type 2 Breaches cannot be more than Type 2 Attendances
14	Active	310	4 Hour Wait Breaches - Type 3	Integer	Type 3 Breaches cannot be more than Type 3 Attendances
15	Active	351	Time to treatment: Type 1 attendances seen within first 60 minutes	Integer	
16	Active	353	Number of patients streamed to co-located primary care led streaming service	Integer	
17	Active	354	4 Hour wait breaches in co-located primary care led streaming service	Integer	

Display Order	Metric State	Metric ID	Metric Name	Data type	Business Validation
18	Active	371	Number of Admissions	Integer	Number of Admissions must be greater than or equal to Emergency Admissions via A&E
19	Active	311	Number of emergency admissions	Integer	Emergency Admissions must be greater than or equal to Emergency Admissions via A&E
20	Active	312	Number of emergency admissions via A&E	Integer	
21	Active	368	Number of Discharges	Integer	
22	Active	313	Number of patients arriving by ambulance	Integer	
23	Active	315	Ambulance handover delays of 30 to 60 minutes	Integer	
24	Active	316	Ambulance handover delays of over 60 minutes	Integer	
25	Active	318	Number of waits for admission 4-12 hours from DTA	Integer	
26	Active	317	Number of waits for admission from DTA over 12 hours	Integer	
27	Active	328	Urgent operations cancelled in the previous 24 hours*	Integer	
28	Active	356	A&E Closures	Integer	Please enter A&E Closures
29	Active	357	A&E Closures - How long unit closed (minutes)	Integer	Please enter A&E Closures - How long unit closed (minutes)
30	Active	358	A&E Diverts	Integer	Please enter A&E Diverts
31	Active	359	A&E Diverts - Duration of diverts (minutes)	Integer	Please enter A&E Diverts - Duration of diverts (minutes)
32	Active	360	A&E Diverts - Patients diverted from:	Text	
33	Active	361	A&E Diverts - Patients diverted to:	Text	
34	Active	477	Booked appointments at Type 1 departments	Integer	
35	Active	478	4 hour breaches in booked appointments at Type 1 departments	Integer	4 hour breaches in booked appointments at Type 1 departments cannot be greater than Booked appointments at Type 1 departments escalation beds open
36	Active	479	Booked appointments at Type 2 departments	Integer	
37	Active	480	4 hour breaches in booked appointments at Type 2 departments	Integer	4 hour breaches in booked appointments at Type 2 departments cannot be greater than Booked appointments at Type 2 departments
38	Active	592	Booked appointments at Other departments	Integer	
39	Active	593	4 hour breaches in booked appointments at other departments	Integer	
40	Active	481	Core adult G&A beds open	Integer	
41	Active	482	Adult G&A escalation beds open	Integer	

Display Order	Metric State	Metric ID	Metric Name	Data type	Business Validation
42	Active	586	Total adult G&A beds open	Integer	Total adult G&A beds open should be equal to sum of Core adult G&A beds open, Adult G&A escalation beds open
43	Active	483	Total adult G&A beds occupied	Integer	Total adult G&A beds occupied cannot be greater than Total adult G&A beds open
44	Active	488	Core paediatric beds open	Integer	
45	Active	489	Paediatric escalation beds open	Integer	
46	Active	587	Total paediatric G&A beds open	Integer	Total paediatric G&A beds open should be equal to sum of Core paediatric beds open, Paediatric
47	Active	490	Total paediatric beds occupied	Integer	Total paediatric beds occupied cannot be greater
48	Active	319	Total G&A core bed stock open	Integer	
49	Active	320	Total G&A escalation beds open	Integer	
50	Active	321	Total G&A beds open	Integer	Total beds open must equal core and escalation beds open
51	Active	322	Of total G&A beds open, number occupied	Integer	Number of occupied G&A beds cannot be greater than the number of beds available
52	Active	323	Number of beds closed due to D&V/norovirus like symptoms	Integer	Of these beds closed, number unoccupied should not be greater than Number of beds closed due to D&V/norovirus like symptoms
53	Active	324	Of these beds closed, number unoccupied	Integer	
54	Active	372	Beds occupied by Long-Stay Patients 7+ days– beds occupied by patients with a length of stay of 7 or more days	Integer	
55	Active	369	Beds occupied by Long-stay patients 14+ days - beds occupied by patients with a length of stay of 14 or more days	Integer	
56	Active	373	Beds occupied by Long-stay patients 21+ days– beds occupied by patients with a length of stay of 21 or more days	Integer	
57	Active	362	Adult critical care beds available	Integer	
58	Active	588	Of adult critical care beds available, how many are level 3?		Of adult critical care beds available, how many are level 3? cannot be greater than Adult critical care beds available
59	Active	363	Adult critical care beds occupied	Integer	Adult critical care occupied beds cannot be more than available beds
60	Active	589	Of adult critical care beds occupied, how many are level 3?	Integer	Of adult critical care beds occupied, how many are level 3? cannot be greater than Adult critical care beds occupied
61	Active	364	Paediatric intensive care beds available	Integer	

Display Order	Metric State	Metric ID	Metric Name	Data type	Business Validation
62	Active	365	Paediatric intensive care beds occupied	Integer	Paediatric intensive care occupied beds cannot be more than available beds
63	Active	366	Neonatal intensive care cots available	Integer	
64	Active	590	Of neonatal critical care beds available, how many are level 3?	Integer	Of neonatal critical care beds available, how many are level 3? cannot be greater than Neonatal intensive care cots available
65	Active	367	Neonatal intensive care cots occupied	Integer	Neonatal intensive care occupied cots cannot be more than available cots
66	Active	591	Of neonatal critical care beds occupied, how many are level 3?	Integer	Of neonatal critical care beds occupied, how many are level 3? cannot be greater than Neonatal intensive care cots occupied
67	Active	570	P1 admissions (<72 hours) - Ordinary admissions Number of cancellations in last 14 days	Integer	
68	Active	571	P2 admissions (<1 month) - Ordinary admissions Number of cancellations in last 14 days	Integer	
69	Active	572	P3 admissions (<3 months) - Ordinary admissions Number of cancellations in last 14 days	Integer	
70	Active	573	P4 admissions (>=3 months) - Ordinary admissions Number of cancellations in last 14 days	Integer	
<del>71</del>	<del>Active</del>	<del>574</del>	<del>P1 admissions (&lt;72 hours) - Ordinary admissions Number of admissions in last 24 hours</del>	<del>Integer</del>	
<del>72</del>	<del>Active</del>	<del>575</del>	<del>P2 admissions (&lt;1 month) - Ordinary admissions Number of admissions in last 24 hours</del>	<del>Integer</del>	
<del>73</del>	<del>Active</del>	<del>576</del>	<del>P3 admissions (&lt;3 months) - Ordinary admissions Number of admissions in last 24 hours</del>	<del>Integer</del>	
<del>74</del>	<del>Active</del>	<del>577</del>	<del>P4 admissions (&gt;=3 months) - Ordinary admissions Number of admissions in last 24 hours</del>	<del>Integer</del>	
75	Active	578	P1 admissions (<72 hours) - Day case admissions Number of cancellations in last 14 days	Integer	
76	Active	579	P2 admissions (<1 month) - Day case admissions Number of cancellations in last 14 days	Integer	
77	Active	580	P3 admissions (<3 months) - Day case admissions Number of cancellations in last 14 days	Integer	

Display Order	Metric State	Metric ID	Metric Name	Data type	Business Validation
78	Active	581	P4 admissions (>=3 months) - Day case admissions Number of cancellations in last 14 days	Integer	
<del>79</del>	<del>Active</del>	<del>582</del>	<del>P1 admissions (&lt;72 hours) - Day case admissions Number of admissions in last 24 hours</del>	<del>Integer</del>	
<del>80</del>	<del>Active</del>	<del>583</del>	<del>P2 admissions (&lt;1 month) - Day case admissions Number of admissions in last 24 hours</del>	<del>Integer</del>	
<del>81</del>	<del>Active</del>	<del>584</del>	<del>P3 admissions (&lt; 3 months) - Day case admissions Number of admissions in last 24 hours</del>	<del>Integer</del>	
<del>82</del>	<del>Active</del>	<del>585</del>	<del>P4 admissions (&gt; 3 months) - Day case admissions Number of admissions in last 24 hours</del>	<del>Integer</del>	
83	Active	472	Of Total P1 elective cancellations - the number of cancer surgical operations cancelled	Integer	
84	Active	594	Of Total P2 elective cancellations - the number of cancer surgical operations cancelled	Integer	
85	Active	595	The number of cancer radiotherapy admissions cancelled	Integer	
86	Active	596	The number of cancer chemotherapy admissions cancelled	Integer	
<del>87</del>	<del>Active</del>	<del>597</del>	<del>P1 cancer patients who have a decision to treat using surgery without treatment date</del>	<del>Integer</del>	
<del>88</del>	<del>Active</del>	<del>598</del>	<del>P2 cancer patients who have a decision to treat using surgery without treatment date</del>	<del>Integer</del>	
<del>89</del>	<del>Active</del>	<del>599</del>	<del>Cancer patients who have a decision to treat using radiotherapy without treatment date</del>	<del>Integer</del>	
<del>90</del>	<del>Active</del>	<del>600</del>	<del>Cancer patients who have a decision to treat using chemotherapy without treatment date</del>	<del>Integer</del>	
91	Active	471	Total patients waiting over 12 hours in department	Integer	

## SitRep Collection: JSON Structure

This section details an example of the json message structure and a code snippet of how trusts can submit to NHSI.

### (a) Sitrep Collection Json Structure

- i. A **Return Type** must be present: "SITREP" (must be in capital letters)
- ii. A version number must be present: "1.1"
- iii. A valid provider code must be present
- iv. A valid site code must be present

[ {	Description	Type
"EndPoint_ID":"002",	The endpoint id represents a unique message sending application / device	Header
"Version":"1.1",	The version of the submission.	Header
"Submission_DateTime":"2016-11-20 17:48:28",	The date time that the sending application sends the message	Header
"Returntype":"SITREP",	The return type associated with the message (i.e. "SITREP" )	Header
"Metrics": [		Metric Detail
{ " Site_Code ":" RVVFA ",	The code of the site for sitrep site submission	Metric Detail
" Provider_Code ":" RVV",	The org code of the Trust	Metric Detail
" Department_Code ":"",	Internal use	
"Metric_ID":1,	The ID of the Metric	Metric Detail
"Metric_Value":79",	The Metric value	Metric Detail
"Period_DateTime_Start":"yyyy-mm-dd 00:00:00",	This attribute marks the start of a period. - ":"2018-05-31 00:00:00" <b>For a range the format will be: "Period_DateTime": {"From":"2018-05-31 00:00:00","To":"2018-05-31 23:59:59"}</b>	Metric Detail
"Period_DateTime_End":"yyyy-mm-dd 23:59:59" }	The end of a period – "2018-05-31 23:59:59"	Metric Detail
]	The end of an array of metrics	
}}		