

Hospital onset COVID-19 cases in Scotland

Surveillance Protocol

**Updated
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2022**

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Document Control

Key Personnel

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Version History

Version	Date	Summary of changes	Changes marked
V1.0	Jan 2022	Final draft	-
V1.1	November 2022	Updated Version	

Distribution

Name	Division	Version
Publication on PHS Website alongside Hospital onset COVID-19 cases in Scotland report		V1.0
Publication on PHS Website alongside Hospital onset COVID-19 cases in Scotland report		V1.1

Approvals

Version	Date Approved	Name	Division
V1.0		Laura Imrie	ARHAI Scotland, NHS NSS
V1.1	09/11/2022	Shona Cairns	ARHAI Scotland, NHS NSS

Introduction

Antimicrobial Resistance and Healthcare Associated Infection (ARHAI) Scotland, part of National Services Scotland, works closely with Public Health Scotland to deliver the COVID-19 response.

A system for monitoring COVID-19 is critical to tracking hospital transmission and will inform infection prevention and control measures. The published data can be used to improve care of patients. The transmission of COVID-19 is thought to occur mainly through respiratory droplets generated by coughing and through contact with contaminated surfaces. Further information on SARS-CoV-2 and current IPC guidance can be found in the [National Infection Prevention and Control Manual](#).

This protocol outlines the processes in place to extract, validate and analyse COVID-19 cases by hospital onset COVID-19 status.

Aims

ARHAI Scotland aims to capture all instances of COVID-19 where cases first test positive as a hospital in-patient. Surveillance data are essential for monitoring trends and assisting in outbreak investigations and to understand the extent of ongoing transmission within the hospital setting. ARHAI Scotland offers support to NHS boards across Scotland to aid their local COVID-19 prevention strategies.

Case Definitions

Definition of a COVID-19 Case

A COVID-19 case is defined as an individual who has tested positive for COVID-19 by SARS-CoV-2 RT-PCR (PCR), or, from 5th January 2022 onwards by PCR, Lateral Flow Device (LFD) or other point of care rapid test. LFD positive cases that are followed by a negative PCR result within 48 hours are excluded. Cases include first positive tests recorded for an individual since March 2020, and possible reinfections defined as individuals who test positive 90 days or more after their last positive test. The case list is sourced from Corporate Data Warehouse (CDW), where episodes correspond to reported COVID-19 cases released by [Public Health Scotland](#) (PHS).

Definition of Hospital Onset COVID-19

All COVID-19 cases can be broken down into five Hospital Onset categories, firstly by determining if the case was a hospital in-patient at the time of their first positive specimen, and if so, how many days after admission was the test taken.

The agreed hospital onset case definition for the UK is based on the number of days since admission to an NHS health board to the date of specimen sampling for a positive COVID-19 test.

Time since admission to specimen sampling is categorised as:

- community onset (first positive specimen taken in the community)
- non-hospital onset (first positive specimen on day 1 or 2 of admission to NHS board)
- indeterminate hospital onset (first positive specimen on days 3 to 7 of admission to NHS board)
- probable hospital onset (first positive specimen on days 8 to 14 of admission to NHS board)
- definite hospital onset (first positive specimen date was 15 or more days after admission to NHS board)

Day of sampling post admission	Nosocomial categorisation
Before admission	Community onset COVID-19
Day 1 of admission/on admission to NHS board	Non-hospital onset COVID-19
Day 2 of admission	Non-hospital onset COVID-19
Day 3 of admission	Indeterminate hospital onset COVID-19
Day 4 of admission	Indeterminate hospital onset COVID-19
Day 5 of admission	Indeterminate hospital onset COVID-19
Day 6 of admission	Indeterminate hospital onset COVID-19
Day 7 of admission	Indeterminate hospital onset COVID-19
Day 8 of admission	Probable hospital onset COVID-19
Day 9 of admission	Probable hospital onset COVID-19
Day 10 of admission	Probable hospital onset COVID-19
Day 11 of admission	Probable hospital onset COVID-19
Day 12 of admission	Probable hospital onset COVID-19
Day 13 of admission	Probable hospital onset COVID-19
Day 14 of admission	Probable hospital onset COVID-19
Day 15 of admission and onwards to discharge	Definite hospital onset COVID-19
Post discharge	Community onset COVID-19

Notes/Limitations

- Admission to NHS board was agreed as the appropriate point to start counting the duration of hospital stay to first positive specimen date, rather than the date of admission to a single hospital, since patients can be transferred between hospitals which would lead to restarting the clock to 'day 1' each time and therefore underestimating the number of nosocomial infections.
- Any discharges and re-admissions within the same health board which occur within the same calendar day will be classed as a continuous stay; the clock will not be restarted in these instances, only when a readmission occurs on the second day or more after any discharge.
- COVID-19 cases identified after discharge from hospital but within 14 days may be associated with the hospital. These cases, including those identified on readmission to hospital, are not included as hospital onset. This may result in under-reporting of COVID-19 cases associated with hospital care.
- It is acknowledged that patients can be transferred between NHS health boards and if transferred into a different health board during the same hospital stay, then the clock is restarted to 'day 1' which could lead to an underestimation of cases. However, the decision to restrict start date to admission to a single NHS health board represents the requirement to report at the health board-level.
- Any cases where the first positive samples are taken within Accident or Emergency specialties (A&E) prior to admission to hospital are not considered hospital onset COVID-19 cases.
- Non-Scottish patients whose records are available within the CDW are also considered. If the non-Scottish patient is coded as hospital onset, then they are included in reporting against the NHS board of admission/test. Any non-Scottish patients coded as community onset are excluded since they cannot be attributed to a Scottish NHS board of residence.
- Hospital onset COVID-19 cases are reported against the NHS board where the first sample was taken. Since the definition of hospital-onset COVID-19 was determined using date of admission to NHS board, the board assigned may not represent the board of attribution of hospital-onset COVID-19 infection (Table above).

Updates to Hospital onset COVID-19 Methods and Reporting

- In December 2021, the case inclusion criteria was updated to include data feeds from private labs (in addition to NHS and UK Government labs) within the overall PHS COVID-19 dataset.
- On 5th January 2022, the case definition was updated to include LFDs in addition to PCR positives. Note that retrospective data was not updated and prior to 5th January 2022 data are still reported exclusively from PCR tests. LFDs are sourced from the self reporting portal and UK Gov. LFD positive cases that are followed by a negative PCR within 48 hours will be denotified.
- On 1st March 2022, Public Health Scotland updated the Scottish COVID-19 national case definition to include reinfections of COVID-19. Previously COVID-19 cases were based on an individual's first positive test result only. The new definition includes both first infections and possible reinfections. Possible reinfections are defined as individuals who test positive, by PCR (polymerase chain reaction) or LFD (lateral flow device), 90 days or more after their last positive test. Note that as per the change in definitions to include LFD tests as above, positive tests after 90 days from an LFD before the 5th January 2022 are not included as a reinfection.
- On 1st June 2022, ARHAI Scotland ceased reporting of Community onset COVID-19 alongside Hospital onset COVID-19, in line with the cessation of almost all population-based testing for SARS-CoV-2.
- On 26th October 2022, ARHAI Scotland ceased reporting of Non-hospital onset and Indeterminate hospital onset COVID-19 cases, in line with the cessation of the majority of routine asymptomatic testing in hospitals.

Methods

Data Extraction and Validation

COVID-19 case data are extracted by ARHAI on the Tuesday of each week prior to validation:

- **Case data source:** Source of data are Corporate Data Warehouse (CDW) that contains test results from Electronic Communication of Surveillance in Scotland (ECOSS) in addition to private laboratory data.

Case data are then linked to identify cases where admissions data are available:

- **Admissions Data Source:** Rapid Admission Preliminary Inpatient Data (RAPID) or Local Patient Admissions Systems.

RAPID is an unvalidated preliminary data source for admission data, and is known to be incomplete for some locations (primarily for non-acute/long term stay hospital settings). Therefore these records require to be validated by NHS boards against local patient admissions systems to ensure accuracy and completeness prior to calculation of hospital onset status. In addition to cases where admission data has been linked, COVID-19 records listed as “Hospital” within the “Specimen Origin” field (derived from the location of the request sent to the NHS laboratory) within CDW are also sent to NHS boards for validation to complete any admission dates which may be unavailable within RAPID.

Data from the corresponding reporting week are sent to Infection Control Managers (ICMs) and other nominated team members within Infection Prevention and Control teams within each NHS board to validate the list of potential hospital onset COVID-19 cases.

NHS boards have one week to validate their data and return validation sheets to ARHAI Scotland, whereby data are compiled and the hospital onset status is calculated. Please see the “List of Fields Collected” section below for details on the data items included in the validation process.

Data Queries and Amendments Process

During the validation process, NHS boards are able to query any submitted results with local records, to ensure that in addition to admissions data, other details of the laboratory record including personal identifiers, specimen dates etc, are also correct.

ARHAI Scotland communicate regularly with PHS in order to investigate and amend any incorrect data as advised by NHS boards, so that CDW is as accurate as possible.

Due to this amendment process within ARHAI, and the constant feed of data from laboratories into the CDW (with new/retrospective records and amendments), COVID-19 data are live and may change on a regular basis. Any changes to retrospective data are tracked by ARHAI Scotland and how they may affect previously reported figures are detailed in the Hospital Onset COVID-19 report each week.

List of Fields collected

Surveillance Data Definitions

Data item: Row.names

Response required: N/A

Definition:

Choices:

Rationale: Provides numeric id number for case on validation sheet for highlighting queries with the data.

Comments:

Data item: CHI

Response required: Essential

Definition: Community Health Index number for patient identification

Choices:

Rationale: Part of unique record

Comments: Populated using ECOSS data, and do not need to be amended.

Data item: SpecimenDate

Response required: Essential

Definition: Collection date of first positive SARS-CoV-2 test

Choices: dd/mm/yyyy

Rationale: Part of unique record

Comments: Populated using ECOSS data, and do not need to be amended.

Data item: monthofspecimen

Response required: N/A

Definition:

Choices:

Rationale: Part of unique record

Comments: Populated using ECOSS data, and do not need to be amended.

Data item: ECOSSBoard
Response required: Essential
Definition: NHS Board where first positive SARS-CoV-2 test taken
Choices: AA, BR, DG, FF, FV, GR, GGC, HG, LN, LO, GJ, OR, SH, TY, WI
Rationale: Part of unique record
Comments: Populated using ECOSS data, mapped from the location code of the sample, and does not need to be amended.

Data item: ECOSSHospitalofTest
Response required: Essential
Definition: Hospital where first positive SARS-CoV-2 test taken
Choices:
Rationale: Part of unique record
Comments: Populated using ECOSS data, and do not need to be amended.

Data item: BoardofFirstPositiveTest
Response required: Essential
Definition:
Choices: Multiple (see appendix 1)
Rationale:
Comments: Pre-populated using RAPID data if available. Check / amend / add / remove where appropriate.

Data item: AdmissionDatetoBoard
Response required: Essential
Definition: Date of Admission to NHS board associated with first positive SARS-CoV-2 test.
Choices: dd/mm/yyyy
Rationale: To describe admission associated with first positive SARS-CoV-2 test.
Comments: Pre-populated using RAPID data if available. Check / amend / add / remove where appropriate. As this data is altered, the calculated hospital onset status on the validation sheet will update.

Data item: AdmissionDatetoHospofTest
Response required: Essential
Definition: Date of Admission to the hospital where first positive SARS-CoV-2 test was taken.
Choices: dd/mm/yyyy
Rationale: To describe admission associated with first positive SARS-CoV-2 test.
Comments: Pre-populated using RAPID data if available. Check / amend / add / remove where appropriate. As this data is altered, the calculated hospital onset status on the validation sheet will update.

Data item: HospitalofFirstPositiveTest
Response required: Essential
Definition: Hospital where the first positive SARS-CoV-2 test was taken.
Choices: Multiple (see appendix 1)
Rationale: To describe admission associated with first positive SARS-CoV-2 test.
Comments: Pre-populated using RAPID data if available. Check / amend / add / remove where appropriate.

Data item: Associated with cluster?
Response required: Optional
Definition: Case has been a part of a known COVID-19 hospital cluster.
Choices: No
Yes, [cluster ID]
Yes, ID not listed
Rationale: To identify any association with a COVID-19 hospital cluster.
Comments:

Data item: Symptomatic or asymptomatic at time of test?
Response required: Optional
Definition: <https://publichealthscotland.scot/publications/covid-19-guidance-for-healthcare-settings-public-health-guidance/>
Choices: Symptomatic, meets current case definition
Symptomatic, clinical judgement
Asymptomatic
Unknown
Rationale: To indicate if the patient was symptomatic or asymptomatic at time of their first positive test.
Comments:

Data item: If Asymptomatic - Symptomatic 5 days after positive test?
Response required: Optional
Definition: <https://publichealthscotland.scot/publications/covid-19-guidance-for-healthcare-settings-public-health-guidance/>
Choices: Yes, meets current case definition
Yes, clinical judgement
No
Unknown
Rationale: Completed for patients who were asymptomatic at time of their first positive test, to indicate if the patient was symptomatic 5 days after their first positive test.
Comments:

Data item: RecordChecked
Response required: Essential
Definition:

Choices: Y / N
Rationale: To identify that the case has been validated by the NHS board and that all data are correct.
Comments: All cases are pre-populated as “N” initially for the NHS board to switch to Y when validated.

Data item: HAIOnsetStatus
Response required: N/A
Definition: See above
Choices: Community Onset
Non-Hospital Onset
Indeterminate Hospital Onset
Probable Hospital Onset
Definite Hospital Onset
Rationale: Displays Hospital onset category
Comments: Calculated field to advise the NHS board on expected hospital onset status based on current data entered into ‘AdmissionDateToBoard’ field relative to “SpecimenDate”.

Data item: Missing data
Response required: N/A
Definition:
Choices:
Rationale: Highlights there may be missing data.
Comments: Calculated field to advise NHS board/ARHAI of possible further information required.

Reporting Process and Schedule

The Hospital Onset COVID-19 data are published 3-4 weeks in arrears, due to lag time in specimen results and RAPID data being available for the corresponding reporting week, and the time taken for validation by NHS boards.

Reports are pre-released each Monday corresponding to data 3 weeks prior, and publicly released each Wednesday on the PHS website:

<https://publichealthscotland.scot/publications/hospital-onset-covid-19-cases-in-scotland/>

Typical timescales for an example report are outlined below:

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
25 th Reporting Week	26 th Reporting Week	27 th Reporting Week	28 th Reporting Week	29 th Reporting Week	30 th Reporting Week	31 st Reporting Week
1 st	2 nd	3 rd	4 th	5 th	6 th	7 th
8 th	9 th Data from reporting week are extracted from CDW, linked with RAPID, validation sheets sent to NHS boards.	10 th NHS boards validation time	11 th NHS boards validation time	12 th NHS boards validation time	13 th NHS boards validation time	14 th NHS boards validation time
15 th NHS boards validation time	16 th Validation deadline	17 th ARHAI Scotland carry out final queries with NHS boards, compile data, analyse and compile report	18 th ARHAI Scotland compile data, analyse and compile report	19 th Report is completed and signed off by Consultant	20 th	21 st
22 nd Report is pre-released to list of stakeholders.	23 rd	24 th Report is published at 12noon	25 th	26 th	27 th	28 th

Appendices

Appendix 1 – Publication metadata

Hospitals included within hospital onset COVID-19 Surveillance:

NHS Board	Hospital
NHS Ayrshire and Arran (AA)	Ailsa Hospital
NHS Ayrshire and Arran (AA)	Arran War Memorial Hospital
NHS Ayrshire and Arran (AA)	Arrol Park Resource Centre
NHS Ayrshire and Arran (AA)	Ayrshire Central Hospital
NHS Ayrshire and Arran (AA)	Biggart Hospital
NHS Ayrshire and Arran (AA)	Brooksby Day Hospital
NHS Ayrshire and Arran (AA)	Community Hospital
NHS Ayrshire and Arran (AA)	Davidson Cottage Hospital
NHS Ayrshire and Arran (AA)	Girvan Community Hospital
NHS Ayrshire and Arran (AA)	Kirklandside Hospital
NHS Ayrshire and Arran (AA)	Lady Margaret Hospital
NHS Ayrshire and Arran (AA)	University Hospital Ayr
NHS Ayrshire and Arran (AA)	University Hospital Crosshouse
NHS Ayrshire and Arran (AA)	Woodland View
NHS Borders (BR)	Borders General Hospital
NHS Borders (BR)	Crumhaugh House
NHS Borders (BR)	Galavale House
NHS Borders (BR)	Hawick Community Hospital
NHS Borders (BR)	Hay Lodge Hospital
NHS Borders (BR)	Huntlyburn House
NHS Borders (BR)	Kelso Hospital
NHS Borders (BR)	Melburn Lodge
NHS Borders (BR)	The Knoll Hospital
NHS Dumfries and Galloway (DG)	Acorn House
NHS Dumfries and Galloway (DG)	Annan Hospital
NHS Dumfries and Galloway (DG)	Castle Douglas Community Hospital
NHS Dumfries and Galloway (DG)	Crichton Royal Hospital
NHS Dumfries and Galloway (DG)	Cromarty
NHS Dumfries and Galloway (DG)	Darataigh
NHS Dumfries and Galloway (DG)	Dumfries & Galloway Royal Infirmary
NHS Dumfries and Galloway (DG)	Galloway Community Hospital
NHS Dumfries and Galloway (DG)	Heather Lodge (CETU)
NHS Dumfries and Galloway (DG)	Innistaigh

NHS Board	Hospital
NHS Dumfries and Galloway (DG)	Kirkcudbright Cottage Hospital
NHS Dumfries and Galloway (DG)	Lochmaben Hospital
NHS Dumfries and Galloway (DG)	Midpark Hospital
NHS Dumfries and Galloway (DG)	Moffat Community Hospital
NHS Dumfries and Galloway (DG)	Newton Stewart Hospital
NHS Dumfries and Galloway (DG)	Thomas Hope Hospital
NHS Dumfries and Galloway (DG)	Thornhill Hospital
NHS Dumfries and Galloway (DG)	Treastaigh
NHS Dumfries and Galloway (DG)	Wellgreen Cottages
NHS Fife (FF)	Adamson Hospital
NHS Fife (FF)	Cameron Hospital
NHS Fife (FF)	Glenrothes Hospital
NHS Fife (FF)	Lynebank Hospital
NHS Fife (FF)	Queen Margaret Hospital
NHS Fife (FF)	Randolph Wemyss Memorial Hospital
NHS Fife (FF)	St Andrews Community Hospital
NHS Fife (FF)	Stratheden Hospital
NHS Fife (FF)	Victoria Hospital
NHS Fife (FF)	Victoria Maternity Unit
NHS Fife (FF)	Whytemans Brae Hospital
NHS Forth Valley (FV)	Bellsdyke Hospital
NHS Forth Valley (FV)	Bo'ness Hospital
NHS Forth Valley (FV)	Clackmannanshire Community Healthcare Centre
NHS Forth Valley (FV)	Falkirk Community Hospital
NHS Forth Valley (FV)	Forth Valley Royal Hospital
NHS Forth Valley (FV)	Lochview Hospital
NHS Forth Valley (FV)	Stirling Community Hospital
NHS Grampian (GR)	375 Great Western Lodge
NHS Grampian (GR)	Aberdeen Maternity Hospital
NHS Grampian (GR)	Aberdeen Royal Infirmary
NHS Grampian (GR)	Chalmers Hospital
NHS Grampian (GR)	City Hospital
NHS Grampian (GR)	Dr Gray's Hospital
NHS Grampian (GR)	Aboyne Hospital
NHS Grampian (GR)	Fleming Cottage Hospital
NHS Grampian (GR)	Fraserburgh Hospital
NHS Grampian (GR)	Glen O'Dee Hospital

NHS Board	Hospital
NHS Grampian (GR)	Elmwood
NHS Grampian (GR)	Insch & District War Memorial Hosp.
NHS Grampian (GR)	Inverurie Hospital
NHS Grampian (GR)	Jubilee Hospital
NHS Grampian (GR)	Kincardine Community Hospital
NHS Grampian (GR)	Leancoil Hospital
NHS Grampian (GR)	Maidencraig House
NHS Grampian (GR)	Peterhead Community Hospital
NHS Grampian (GR)	Pluscarden Clinic
NHS Grampian (GR)	Rehabilitation Hospital
NHS Grampian (GR)	Roxburghe House
NHS Grampian (GR)	Royal Aberdeen Children's Hospital
NHS Grampian (GR)	Royal Cornhill Hospital
NHS Grampian (GR)	Seafield Hospital
NHS Grampian (GR)	Stephen Cottage Hospital
NHS Grampian (GR)	Turner Memorial Hospital
NHS Grampian (GR)	Turrieff Cottage Hospital
NHS Grampian (GR)	Ugie Hospital
NHS Grampian (GR)	Woodend General Hospital
NHS Grampian (GR)	Hyperbaric Centre
NHS Greater Glasgow and Clyde (GGC)	2-4 Waterloo Close
NHS Greater Glasgow and Clyde (GGC)	Beatson West of Scotland Cancer Centre
NHS Greater Glasgow and Clyde (GGC)	Blythwood House
NHS Greater Glasgow and Clyde (GGC)	Dumbarton Joint Hospital/Riverview Resource Centre
NHS Greater Glasgow and Clyde (GGC)	Dykebar Hospital
NHS Greater Glasgow and Clyde (GGC)	Gartnavel Royal Hospital
NHS Greater Glasgow and Clyde (GGC)	Glasgow Royal Infirmary
NHS Greater Glasgow and Clyde (GGC)	Inverclyde Royal Hospital
NHS Greater Glasgow and Clyde (GGC)	Larkfield Unit
NHS Greater Glasgow and Clyde (GGC)	Leverndale Hospital
NHS Greater Glasgow and Clyde (GGC)	Lightburn Hospital
NHS Greater Glasgow and Clyde (GGC)	Mansionhouse Unit
NHS Greater Glasgow and Clyde (GGC)	Mearnskirk House
NHS Greater Glasgow and Clyde (GGC)	Netherton
NHS Greater Glasgow and Clyde (GGC)	New Victoria Hospital
NHS Greater Glasgow and Clyde (GGC)	Parkhead Hospital
NHS Greater Glasgow and Clyde (GGC)	Pineview

NHS Board	Hospital
NHS Greater Glasgow and Clyde (GGC)	Queen Elizabeth University Hospital
NHS Greater Glasgow and Clyde (GGC)	Queen Mother's Hospital
NHS Greater Glasgow and Clyde (GGC)	Ravenscraig Hospital
NHS Greater Glasgow and Clyde (GGC)	Rowanbank Clinic
NHS Greater Glasgow and Clyde (GGC)	Royal Alexandra Hospital
NHS Greater Glasgow and Clyde (GGC)	Royal Hospital for Children
NHS Greater Glasgow and Clyde (GGC)	Stobhill Hospital
NHS Greater Glasgow and Clyde (GGC)	Orchard View
NHS Greater Glasgow and Clyde (GGC)	The Princess Royal Maternity Unit
NHS Greater Glasgow and Clyde (GGC)	Vale of Leven General Hospital
NHS Greater Glasgow and Clyde (GGC)	Gartnavel General Hospital
NHS Greater Glasgow and Clyde (GGC)	West Glasgow
NHS Highland (HG)	Belford Hospital
NHS Highland (HG)	Caithness General Hospital
NHS Highland (HG)	Campbeltown Hospital
NHS Highland (HG)	Argyll and Bute Hospital
NHS Highland (HG)	Cowal Community Hospital
NHS Highland (HG)	Dunbar Hospital
NHS Highland (HG)	Glencoe Hospital
NHS Highland (HG)	County Community Hospital Invergordon
NHS Highland (HG)	Islay Hospital
NHS Highland (HG)	Lawson Memorial Hospital
NHS Highland (HG)	Lorn & Islands Hospital
NHS Highland (HG)	Mackinnon Memorial Hospital
NHS Highland (HG)	Mid-Argyll Community Hospital and Integrated Care Centre
NHS Highland (HG)	Migdale Hospital
NHS Highland (HG)	Mull and Iona Community Hospital
NHS Highland (HG)	Nairn Town and County Hospital
NHS Highland (HG)	Portree Hospital
NHS Highland (HG)	Raigmore Hospital
NHS Highland (HG)	RNI Community Hospital
NHS Highland (HG)	Ross Memorial Hospital
NHS Highland (HG)	Ian Charles Cottage Hospital
NHS Highland (HG)	The New Craigs
NHS Highland (HG)	Victoria Hospital
NHS Highland (HG)	Victoria Hospital Annexe
NHS Highland (HG)	Victoria Integrated Care Unit

NHS Board	Hospital
NHS Highland (HG)	Wick Town and County Hospital
NHS Highland (HG)	St Vincent's Hospital
NHS Lanarkshire (LN)	Beckford Lodge
NHS Lanarkshire (LN)	Cleland Hospital
NHS Lanarkshire (LN)	Coathill Hospital
NHS Lanarkshire (LN)	Airbles Road Centre
NHS Lanarkshire (LN)	Hartwoodhill Hospital
NHS Lanarkshire (LN)	Kello Hospital
NHS Lanarkshire (LN)	Kirklands Hospital
NHS Lanarkshire (LN)	Coathill House
NHS Lanarkshire (LN)	Lockhart Hospital
NHS Lanarkshire (LN)	Roadmeetings Hospital
NHS Lanarkshire (LN)	Stonehouse Hospital
NHS Lanarkshire (LN)	Strathclyde Hospital
NHS Lanarkshire (LN)	Udston Hospital
NHS Lanarkshire (LN)	University Hospital Hairmyres
NHS Lanarkshire (LN)	University Hospital Monklands
NHS Lanarkshire (LN)	University Hospital Wishaw
NHS Lanarkshire (LN)	Victoria Memorial Cottage Hospital
NHS Lanarkshire (LN)	Wester Moffat Hospital
NHS Lanarkshire (LN)	Lady Home Cottage Hospital
NHS Lothian (LO)	Astley Ainslie Hospital
NHS Lothian (LO)	Belhaven Hospital
NHS Lothian (LO)	Edenhall Hospital
NHS Lothian (LO)	Edington Cottage Hospital
NHS Lothian (LO)	Ellen's Glen House
NHS Lothian (LO)	East Lothian Community Hospital
NHS Lothian (LO)	Ferryfield House
NHS Lothian (LO)	Findlay House
NHS Lothian (LO)	Herdmanflat Hospital
NHS Lothian (LO)	Learning Disabilities Service Healthcare Houses
NHS Lothian (LO)	Liberton Hospital
NHS Lothian (LO)	Midlothian Community Hospital
NHS Lothian (LO)	Princess Alexandra Eye Pavillion
NHS Lothian (LO)	Roodlands General Hospital
NHS Lothian (LO)	Corstorphine Hospital
NHS Lothian (LO)	Royal Hospital for Sick Children (Edinburgh)

NHS Board	Hospital
NHS Lothian (LO)	Royal Infirmary of Edinburgh at Little France
NHS Lothian (LO)	Royal Victoria Hospital
NHS Lothian (LO)	St John's Hospital
NHS Lothian (LO)	St Michael's Hospital
NHS Lothian (LO)	The Islay Centre
NHS Lothian (LO)	Tippethill Hospital
NHS Lothian (LO)	Western General Hospital
NHS Lothian (LO)	Whitburn House
NHS Lothian (LO)	William Fraser Centre
NHS Lothian (LO)	Royal Hospital for Children and Young People
NHS Lothian (LO)	Maple Villa
NHS Lothian (LO)	Royal Edinburgh Hospital
NHS Golden Jubilee (GJ)	Golden Jubilee National Hospital
NHS Orkney (OR)	Balfour Hospital
NHS Shetland (SH)	Gilbert Bain Hospital
NHS Tayside (TY)	Bluebell Intermediate Care Unit
NHS Tayside (TY)	Brechin Infirmary
NHS Tayside (TY)	Carseview Centre
NHS Tayside (TY)	Crieff Community Hospital
NHS Tayside (TY)	Dudhope House (Young Persons Unit)
NHS Tayside (TY)	Dudhope Young Peoples Inpatient Unit
NHS Tayside (TY)	Kings Cross Hospital
NHS Tayside (TY)	Kingsway Care Centre
NHS Tayside (TY)	Little Cairnie Hospital
NHS Tayside (TY)	Montrose Royal Infirmary
NHS Tayside (TY)	Aberfeldy Cottage Hospital
NHS Tayside (TY)	Arbroath Infirmary
NHS Tayside (TY)	Blairgowrie & Rattray Cottage Hospital
NHS Tayside (TY)	Pitlochry Community Hospital
NHS Tayside (TY)	Royal Victoria Hospital
NHS Tayside (TY)	St Margaret's Hospital
NHS Tayside (TY)	Stracathro Hospital
NHS Tayside (TY)	Strathmartine Hospital
NHS Tayside (TY)	Whitehills Health and Community Care Centre
NHS Tayside (TY)	Whitehills Hospital
NHS Tayside (TY)	Ninewells Hospital
NHS Tayside (TY)	Perth Royal Infirmary

NHS Board	Hospital
NHS Tayside (TY)	Murray Royal Hospital
NHS Western Isles (WI)	Western Isles Hospital
NHS Western Isles (WI)	St Brendans Cot Hospital
NHS Western Isles (WI)	Uist & Barra Hospital

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