

28 September 2021

Covid-19 – Hospital Admissions RVH & BCH 2016-2020, Death Statistics, Vaccination Status and Admissions for Specific Conditions

- 1. Please can you provide me with the admission numbers for each of these hospitals for the last 5 years (2016-2020), as well as the current year thus far?**

The number of admissions to the Royal Victoria Hospital and Belfast City Hospital between 1st January 2016 and 31st August 2021 is provided in the table below:

Calendar Year	Number of Admissions	
	Royal Victoria Hospital	Belfast City Hospital
2016	37,250	15,112
2017	36,261	13,883
2018	33,484	12,915
2019	32,652	13,126
2020	31,081	6,437
2021 (to 31 st August)	21,959	3,276
<i>Total</i>	<i>192,687</i>	<i>64,749</i>

- 2. Of those who died of any causes this year, how many had received any Covid-19 vaccine and how many were unvaccinated? Could I also please request that this data is broken down month-by-month?**

Belfast Trust are unable to respond to Question 2, as we do not hold this level of detail regarding individual patients' vaccination status. The vaccination status of individual patients is not documented consistently in patient records and is not recorded on a central system in the Trust. The vaccination status of individuals is recorded onto the Regional Vaccine Management System, to which Belfast Trust do not have full access. The Department of Health may be able to assist.

- 3. Of those admitted to hospital in 2021, how many have received any Covid-19 vaccine? Similarly to item 2, could I please request that this data is broken down month-by-month?**

As above, Belfast Trust do not hold this information.

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4. Of those admitted to hospital in 2021, how many had been recently vaccinated against Covid-19 but were still within their 2-week incubation period post-vaccine (whether it be for their first or their second jab) and were thus considered to be unvaccinated? Moreover, of those who died in hospital in 2021, how many had been recently vaccinated against Covid-19 but were still within their 2-week incubation period post-vaccine?

As above, Belfast Trust do not hold this information.

5. Please can you provide me with admission numbers for the last 5 years (2016-2020), as well as the current calendar year thus far, for the following conditions: Myocarditis; Pericarditis; Bell's Palsy; Capillary leak syndrome; Guillain-Barré syndrome; Blood clots; Anaphylaxis; Lymphadenopathy; Miscarriages; Heart attack; Stroke; Brain damage; Body rashes; Seizures; Fainting; Loss of consciousness & feeling in limbs.

The number of admissions to the Royal Victoria Hospital between 1st January 2016 and 30th June 2021 (the latest timeframe possible due to clinical coding) by specified diagnosis is provided in the table below. *Note: Clinical coding is always recorded and captured retrospectively; as such, there is normally a 3-month delay for clinical coding to be complete in order to provide accurate information.*

Year / Diagnosis	2016	2017	2018	2019	2020	2021
Myocarditis	9	11	7	9	<5	<5
Pericarditis	74	83	88	81	79	35
Bell's Palsy	18	15	15	15	24	13
Capillary Leak Syndrome						
Guillain-Barre Syndrome	9	7	5	13	8	9
Blood Clots	2,136	2,396	2,235	2,296	2,081	1,162
Anaphylaxis	<5	<5			<5	<5
Lymphadenopathy	21	29	19	19	16	7
Miscarriages					<5	<5
Heart Attack	1,060	1,244	1,088	1,115	864	451
Stroke	871	822	947	948	969	610
Brain Damage	6	<5	8	22	13	10
Body Rashes	5	11	13	14	8	<5
Seizures	416	441	372	366	309	189
Fainting	328	312	272	308	206	137
Loss of consciousness				5		7
Loss of feeling in limbs	<5	<5	<5	<5	<5	<5

Notes: Information based on primary diagnosis where patient was admitted to RVH or BCH. In line with Trust policy, cell sizes less than 5 have been masked to protect patient confidentiality.

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Use of < 5 (less than five): We are unable to provide an exact figure - exempt from release under Section 40(2) of the FOI Act - as this could make patients personally identifiable. Disclosure would constitute a breach of the principles of the General Data Protection Regulation 2018.

The number of admissions to the Belfast City Hospital between 1st January 2016 and 30th June 2021 (the latest timeframe possible due to clinical coding) by specified diagnosis is provided in the table below:

Year / Diagnosis	2016	2017	2018	2019	2020	2021
Myocarditis	<5	<5				
Pericarditis	10	19	7	6	<5	<5
Bell's Palsy						
Capillary Leak Syndrome						
Guillain-Barre Syndrome						
Blood Clots	193	153	107	94	34	5
Anaphylaxis						
Lymphadenopathy	<5	<5	5	7	<5	<5
Miscarriages	<5	<5	<5	<5		
Heart Attack	138	92	53	30	8	
Stroke	22	18	20	21	8	
Brain Damage	<5	6	<5	5	<5	
Body Rashes	<5	<5	<5	9	<5	<5
Seizures	10	7	5	<5	<5	<5
Fainting	174	116	65	58	20	13
Loss of consciousness	<5	<5	<5	<5	<5	
Loss of feeling in limbs				<5		<5

Notes: Information based on primary diagnosis where patient was admitted to RVH or BCH. As above, in line with Trust policy cell sizes less than 5 have been masked to protect patient confidentiality.

Of those admitted to hospital in 2021 for any of these conditions, how many have received any Covid-19 vaccine?

As above, Belfast Trust do not hold this information.

6. Of all comorbidities, what was the most common among people who died of Covid-19?

From 1st March 2020 until 23rd August 2021 inclusive, the most common condition/cause stated on the Medical Certificate of Cause of Death (MCCD), other than COVID, was Hypertension with 138/495 (27.9%) cases.

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7. Can you please provide me with data regarding the number of diagnoses for Alzheimers, brain tumours, cancer & diabetes for the last 5 years (2016-2020), as well as the current calendar year?

Information on the number of people diagnosed is not available, however information on the number of admissions to the Royal Victoria Hospital between 1st January 2016 and 30th June 2021 (the latest timeframe possible due to clinical coding) for Alzheimers, brain tumours, cancer and diabetes is provided in the table below:

Year / Diagnosis	2016	2017	2018	2019	2020	2021
Alzheimers	6	17	6	7	16	8
Brain Tumours	157	130	149	141	134	79
Cancer	1,296	1,181	1,198	1,202	1,574	758
Diabetes	228	259	328	298	359	304

Notes: Information based on primary diagnosis where patient was admitted to RVH or BCH.

Information on the number of people diagnosed is not available however, information on the number of admissions to the Belfast City Hospital between 1st January 2016 and 30th June 2021 (the latest timeframe possible due to clinical coding) for Alzheimers, brain tumours, cancer and diabetes is provided in the table below:

Year / Diagnosis	2016	2017	2018	2019	2020	2021
Alzheimers	17	19	15	12	<5	
Brain Tumours	9	5	13	9		<5
Cancer	1,975	1,957	1,894	1,719	1,146	565
Diabetes	13	13	13	18	6	<5

Notes: Information based on primary diagnosis where patient was admitted to RVH or BCH. As above, in line with Trust policy cell sizes less than 5 have been masked to protect patient confidentiality.

8. Can you also provide me with data on the number of admissions for depression, anxiety, PTSD, drug overdoses, domestic violence, self-harm & attempted suicide for the last 5 years (2016-2020), as well as the current calendar year?

Information on the number of admissions to the Royal Victoria Hospital between 1st January 2016 and 30th June 2021 (the latest timeframe possible due to clinical coding) for depression, anxiety, PTSD, drug overdoses, domestic violence, self-harm and attempted suicide is provided in the table below:

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Year / Diagnosis	2016	2017	2018	2019	2020	2021
Depression	7	<5	<5	<5	<5	<5
Anxiety	15	12	5	13	14	8
PTSD	<5					
Overdoses	622	529	396	364	500	323
Domestic Violence			<5			
Self Harm	1,495	2,131	2,082	753	937	676

Notes: Information based on primary diagnosis (except overdose and domestic violence - based on secondary diagnosis) where patient was admitted to RVH or BCH. In line with Trust policy, cell sizes less than 5 have been masked to protect patient confidentiality

Information on the number of admissions to the Belfast City Hospital between 1st January 2016 and 30th June 2021 (the latest timeframe possible due to clinical coding) for depression, anxiety, PTSD, drug overdoses, domestic violence, self-harm and attempted suicide is provided in the table below:

Year / Diagnosis	2016	2017	2018	2019	2020	2021
Depression	<5	<5	<5	<5		
Anxiety	<5	<5	<5	<5	<5	
PTSD						
Overdoses	24	45	29	36	12	7
Domestic Violence		<5				
Self Harm	16	45	36	20	10	5

Notes: Information based on primary diagnosis (except overdose and domestic violence - based on secondary diagnosis) where patient was admitted to RVH or BCH. In line with Trust policy, cell sizes less than 5 have been masked to protect patient confidentiality

- 9. Finally, I am requesting a full age breakdown of all deaths with Covid-19 since the beginning of the pandemic. I would also like to be provided with data clarifying how many comorbidities & underlying health conditions each of the fatalities had, again broken down by age.**

From 1st March 2020 until 23rd August 2021 inclusive, there were 495 inpatient cases identified who were reported to either the PHA and/or the Department of Health (DoH).

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Age group	Number of Patients
0-9	0
10-19	<5
30-39	<5
40-49	7
50-59	23
60-69	59
70-79	133
80-89	193
90-99	75
100-109	<5

In total, there were 12 inpatient cases reported that had one of the above terms recorded on Part 1a of the Medical Certificate of Cause of Death (MCCD) and nothing else recorded in Parts 1b, 1c or on Part 2. The average age for this group of patients was 85 years of age at time of death.

483 (97.6%) had 1 or more conditions/causes other than COVID-19 also recorded on the MCCD. There were an additional <5 cases reported to the PHA and/or the DoH who did not have any of the above terms on any part of their MCCD but had a positive PCR test within the previous 28 days prior to death. The average age for this group of patients was 79 years of age at time of death.

To make this simpler, I would like to request clarification on how many people have died with Covid-19 in total, and how many of these died without any comorbidities? Again, I would like this presented with a full age breakdown, and clarification on whether they have had any Covid-19 vaccine.

Belfast Trust are unable to respond to the final part of Question 9, as we do not hold this level of detail regarding individual patients' vaccination status. The vaccination status of individual patients is not documented consistently in patient records and is not recorded on a central system in the Trust. The vaccination status of individuals is recorded onto the Regional Vaccine Management System, to which Belfast Trust do not have full access. The Department of Health may be able to assist.

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Notes in relation to deaths

Information contained in this response relating to deaths was gathered from two combined data sources - Mortality Pathway data exported from the Northern Ireland Electronic Care Record (NIECR)* and an export from the Public Health Agency (PHA) COVID-19 deaths reporting form database.

Deaths identified for the purpose of reporting:

**Any death identified with one or more of the following terminology included on any part of the Medical Certificate of Cause of Death (MCCD) and/or a COVID positive PCR test.*

Terms:

- *Covid (pneumonia/pneumonitis)*
- *Covid19 (pneumonia/pneumonitis)*
- *Covid 19 (pneumonia/pneumonitis)*
- *Covid-19 (pneumonia/pneumonitis)*
- *SARS-Cov2 (pneumonia/pneumonitis)*
- *Coronavirus (pneumonia/pneumonitis)*

- *PHA reporting Criteria: Report all individuals who have died within 28 days of a first positive COVID-19 laboratory result (based on specimen date), whether or not COVID-19 was the cause of death.*

- *All other deaths in which COVID-19 is clinically suspected (i.e. without a positive laboratory test result) should be recorded on the Medical Certificate of Cause of Death (MCCD).*