
IRISH NATIONAL ICU AUDIT

ANNUAL REPORT 2021

APPENDICES



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Accessing Report Appendices

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Appendix 1: Frequency Tables

FIGURE 4.2: ADMISSIONS TO EACH UNIT DIRECTLY FROM THE OPERATING THEATRE AFTER EMERGENCY SURGERY AND AFTER ELECTIVE SURGERY AND NON-THEATRE (AS A PERCENTAGE OF ALL UNIT ADMISSIONS)

Unit	Elective/ scheduled surgery		Emergency/ urgent surgery		Non-surgical		Total admissions
	N	%	N	%	N	%	N
Beaumont Hospital General ICU	119	13.9%	177	20.7%	558	65.3%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	26	7.6%	162	47.6%	152	44.7%	340
Mater Misericordiae University Hospital HDU	467	34.8%	56	4.2%	818	61.0%	1341
Mater Misericordiae University Hospital ICU	258	31.1%	100	12.1%	471	56.8%	829
Our Lady of Lourdes Hospital Drogheda ICU	45	10.9%	28	6.8%	338	82.2%	411
St James's Hospital Cardiothoracic ICU	161	67.6%	24	10.1%	53	22.3%	238
St James's Hospital General ICU	224	22.5%	93	9.3%	679	68.2%	996
Tallaght University Hospital ICU	50	18.2%	41	14.9%	184	66.9%	275
University Hospital Galway ICU	296	25.5%	172	14.8%	695	59.8%	1163
University Hospital Limerick ICU	30	7.0%	57	13.3%	340	79.6%	427
University Hospital Waterford ICU	89	26.3%	24	7.1%	226	66.7%	339
Regional Hospital Mullingar ICU	42	11.4%	49	13.3%	277	75.3%	368
Wexford General Hospital ICU	34	11.3%	42	14.0%	225	74.8%	301
Connolly Hospital ICU	44	12.8%	31	9.0%	269	78.2%	344
Midland Regional Hospital Tullamore ICU	39	16.3%	*	*	186	77.5%	240
Naas General Hospital ICU	12	7.2%	23	13.8%	132	79.0%	167
St Luke's General Hospital Carlow/Kilkenny ICU	13	6.0%	36	16.6%	168	77.4%	217
St Vincent's University Hospital ICU	21	3.1%	113	16.8%	537	80.0%	671
Cork University Hospital Cardiothoracic ICU	473	77.7%	43	7.1%	93	15.3%	609
Cork University Hospital General ICU	45	7.3%	108	17.5%	465	75.2%	618
Letterkenny University Hospital ICU	*	*	40	13.0%	260	84.7%	307
Tipperary University Hospital Clonmel ICU	22	11.3%	28	14.4%	145	74.4%	195
University Hospital Kerry ICU	~	*	~	*	62	91.2%	68
Cavan General Hospital ICU	12	5.3%	27	11.8%	189	82.9%	228
Mercy University Hospital Cork ICU	115	37.0%	56	18.0%	140	45.0%	311
Sligo University Hospital ICU	49	16.7%	35	11.9%	210	71.4%	294
National	2695	22.2%	1584	13.0%	7872	64.8%	12151

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURE 4.4: PATIENTS WITH ACUTE KIDNEY INJURY DURING THE FIRST 24 HOURS AFTER ADMISSION TO THE INTENSIVE CARE UNIT (KIDNEY DISEASE: IMPROVING GLOBAL OUTCOMES STAGES 1–3) (AS A PERCENTAGE OF ALL UNIT ADMISSIONS)

Unit	AKI KDIGO Stage 1		AKI KDIGO Stage 2		AKI KDIGO Stage 3		Total admissions
	N	%	N	%	N	%	
Beaumont Hospital General ICU	133	15.6%	149	17.4%	112	13.1%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	31	9.1%	23	6.8%	7	2.1%	340
Mater Misericordiae University Hospital HDU	255	19.0%	330	24.6%	100	7.5%	1341
Mater Misericordiae University Hospital ICU	123	14.8%	191	23.0%	135	16.3%	829
Our Lady of Lourdes Hospital Drogheda ICU	74	18.0%	82	20.0%	63	15.3%	411
St James's Hospital Cardiothoracic ICU	43	18.1%	30	12.6%	11	4.6%	238
St James's Hospital General ICU	184	18.5%	238	23.9%	88	8.8%	996
Tallaght University Hospital ICU	59	21.5%	51	18.5%	52	18.9%	275
University Hospital Galway ICU	224	19.3%	269	23.1%	144	12.4%	1163
University Hospital Limerick ICU	60	14.1%	103	24.1%	91	21.3%	427
University Hospital Waterford ICU	59	17.4%	90	26.5%	72	21.2%	339
Regional Hospital Mullingar ICU	61	16.6%	70	19.0%	29	7.9%	368
Wexford General Hospital ICU	62	20.6%	66	21.9%	33	11.0%	301
Connolly Hospital ICU	62	18.0%	87	25.3%	55	16.0%	344
Midland Regional Hospital Tullamore ICU	53	22.1%	45	18.8%	41	17.1%	240
Naas General Hospital ICU	23	13.8%	34	20.4%	11	6.6%	167
St Luke's General Hospital Carlow/Kilkenny ICU	48	22.1%	51	23.5%	14	6.5%	217
St Vincent's University Hospital ICU	97	14.5%	212	31.6%	158	23.5%	671
Cork University Hospital Cardiothoracic ICU	96	15.8%	80	13.1%	22	3.6%	609
Cork University Hospital General ICU	114	18.4%	148	23.9%	117	18.9%	618
Letterkenny University Hospital ICU	56	18.2%	72	23.5%	32	10.4%	307
Tipperary University Hospital Clonmel ICU	36	18.5%	46	23.6%	20	10.3%	195
University Hospital Kerry ICU	13	19.1%	18	26.5%	11	16.2%	68
Cavan General Hospital ICU	39	17.1%	49	21.5%	31	13.6%	228
Mercy University Hospital Cork ICU	54	17.4%	81	26.0%	25	8.0%	311
Sligo University Hospital ICU	45	15.3%	71	24.1%	39	13.3%	294
National	2104	17.3%	2686	22.1%	1513	12.5%	12151

FIGURE 4.5: ADMISSIONS TO THE UNIT WITH A DIAGNOSIS OF SEPSIS (SEPSIS-3) WITH: (i) THREE OR FEWER, OR (ii) FOUR OR MORE ORGAN SYSTEMS DYSFUNCTION WITHIN 24 HOURS OF ADMISSION (AS A PERCENTAGE OF ALL UNIT ADMISSIONS)

Unit	Dysfunction in ≤ 3 organ systems		Dysfunction in ≥4 organ systems		Total admissions
	N	%	N	%	
Beaumont Hospital General ICU	301	35.2%	26	3.0%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	24	7.1%	~	*	340
Mater Misericordiae University Hospital HDU	436	32.5%	~	*	1341
Mater Misericordiae University Hospital ICU	242	29.2%	25	3.0%	829
Our Lady of Lourdes Hospital Drogheda ICU	217	52.8%	11	2.7%	411
St James's Hospital Cardiothoracic ICU	43	18.1%	8	3.4%	238
St James's Hospital General ICU	377	37.9%	32	3.2%	996
Tallaght University Hospital ICU	103	37.5%	12	4.4%	275
University Hospital Galway ICU	296	25.5%	20	1.7%	1163
University Hospital Limerick ICU	189	44.3%	29	6.8%	427
University Hospital Waterford ICU	101	29.8%	~	*	339
Regional Hospital Mullingar ICU	111	30.2%	16	4.3%	368
Wexford General Hospital ICU	104	34.6%	11	3.7%	301
Connolly Hospital ICU	144	41.9%	14	4.1%	344
Midland Regional Hospital Tullamore ICU	123	51.3%	~	*	240
Naas General Hospital ICU	93	55.7%	9	5.4%	167
St Luke's General Hospital Carlow/Kilkenny ICU	103	47.5%	~	*	217
St Vincent's University Hospital ICU	250	37.3%	43	6.4%	671
Cork University Hospital Cardiothoracic ICU	59	9.7%	6	1.0%	609
Cork University Hospital General ICU	296	47.9%	36	5.8%	618
Letterkenny University Hospital ICU	153	49.8%	14	4.6%	307
Tipperary University Hospital Clonmel ICU	74	37.9%	9	4.6%	195
University Hospital Kerry ICU	38	55.9%	~	*	68
Cavan General Hospital ICU	85	37.3%	~	*	228
Mercy University Hospital Cork ICU	92	29.6%	11	3.5%	311
Sligo University Hospital ICU	115	39.1%	11	3.7%	294
National	4169	34.3%	363	3.0%	12151

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURE 4.6: ADMISSIONS FOLLOWING CARDIOPULMONARY RESUSCITATION IN THE COMMUNITY OR IN HOSPITAL (AS A PERCENTAGE OF ALL UNIT ADMISSIONS)

Unit	Community CPR		In-hospital CPR		Total admissions
	N	%	N	%	
Beaumont Hospital General ICU	21	2.5%	24	2.8%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	~	*	~	*	340
Mater Misericordiae University Hospital HDU	~	*	~	*	1341
Mater Misericordiae University Hospital ICU	41	4.9%	34	4.1%	829
Our Lady of Lourdes Hospital Drogheda ICU	15	3.6%	13	3.2%	411
St James's Hospital Cardiothoracic ICU	~	*	~	*	238
St James's Hospital General ICU	54	5.4%	40	4.0%	996
Tallaght University Hospital ICU	~	*	9	3.3%	275
University Hospital Galway ICU	19	1.6%	25	2.1%	1163
University Hospital Limerick ICU	16	3.7%	15	3.5%	427
University Hospital Waterford ICU	9	2.7%	20	5.9%	339
Regional Hospital Mullingar ICU	~	*	~	*	368
Wexford General Hospital ICU	7	2.3%	8	2.7%	301
Connolly Hospital ICU	13	3.8%	24	7.0%	344
Midland Regional Hospital Tullamore ICU	~	*	9	3.8%	240
Naas General Hospital ICU	7	4.2%	19	11.4%	167
St Luke's General Hospital Carlow/Kilkenny ICU	8	3.7%	7	3.2%	217
St Vincent's University Hospital ICU	25	3.7%	41	6.1%	671
Cork University Hospital Cardiothoracic ICU	~	*	9	1.5%	609
Cork University Hospital General ICU	32	5.2%	30	4.9%	618
Letterkenny University Hospital ICU	12	3.9%	10	3.3%	307
Tipperary University Hospital Clonmel ICU	6	3.1%	14	7.2%	195
University Hospital Kerry ICU	~	*	~	*	68
Cavan General Hospital ICU	~	*	~	*	228
Mercy University Hospital Cork ICU	13	4.2%	11	3.5%	311
Sligo University Hospital ICU	22	7.5%	17	5.8%	294
National	345	2.8%	405	3.3%	12151

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURE 4.7A: ADMISSIONS WITH SEVERE LIVER DISEASE

Unit	Severe liver disease		Admissions with full medical history
	N	%	N
Beaumont Hospital General ICU	21	2.5%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	~	*	340
Mater Misericordiae University Hospital HDU	24	1.8%	1341
Mater Misericordiae University Hospital ICU	6	0.7%	829
Our Lady of Lourdes Hospital Drogheda ICU	7	1.7%	411
St James's Hospital Cardiothoracic ICU	~	*	238
St James's Hospital General ICU	30	3.0%	996
Tallaght University Hospital ICU	~	*	275
University Hospital Galway ICU	7	0.6%	1163
University Hospital Limerick ICU	~	*	427
University Hospital Waterford ICU	~	*	339
Regional Hospital Mullingar ICU	12	3.3%	368
Wexford General Hospital ICU	~	*	301
Connolly Hospital ICU **	7	2.0%	343
Midland Regional Hospital Tullamore ICU	15	6.3%	240
Naas General Hospital ICU	~	*	167
St Luke's General Hospital Carlow/Kilkenny ICU	~	*	217
St Vincent's University Hospital ICU	28	4.2%	671
Cork University Hospital Cardiothoracic ICU	~	*	609
Cork University Hospital General ICU **	18	2.9%	611
Letterkenny University Hospital ICU	~	*	307
Tipperary University Hospital Clonmel ICU **	~	*	194
University Hospital Kerry ICU	~	*	68
Cavan General Hospital ICU **	~	*	226
Mercy University Hospital Cork ICU **	~	*	309
Sligo University Hospital ICU **	~	*	293
National	214	1.8%	12137

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

** Full medical history not available for a small number of patients.

FIGURE 4.7B: HOSPITAL MORTALITY RATE IN UNIT ADMISSIONS WITH SEVERE LIVER DISEASE (UNITS WITH 5 OR MORE ADMISSIONS ONLY)

Unit	Severe liver disease		Number of patients N
	N	%	
Beaumont Hospital General ICU	10	52.6%	19
Mater Misericordiae University Hospital HDU	~	*	17
Mater Misericordiae University Hospital ICU	~	*	6
Our Lady of Lourdes Hospital Drogheda ICU	~	*	7
St James's Hospital General ICU	14	48.3%	29
Tallaght University Hospital ICU	~	*	5
University Hospital Galway ICU	~	*	5
Regional Hospital Mullingar ICU	~	*	11
Connolly Hospital ICU	6	100.0%	6
Midland Regional Hospital Tullamore ICU	~	*	12
St Vincent's University Hospital ICU	8	28.6%	28
Cork University Hospital General ICU	6	37.5%	16
Mercy University Hospital Cork ICU	~	*	5

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURE 4.8A: ADMISSIONS WITH HAEMATOLOGICAL MALIGNANCY

Unit	Haematological malignancy		Admissions with full medical history
	N	%	N
Beaumont Hospital General ICU	21	2.5%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	8	2.4%	340
Mater Misericordiae University Hospital HDU	30	2.2%	1341
Mater Misericordiae University Hospital ICU	11	1.3%	829
Our Lady of Lourdes Hospital Drogheda ICU	~	*	411
St James's Hospital Cardiothoracic ICU	~	*	238
St James's Hospital General ICU	46	4.6%	996
Tallaght University Hospital ICU	~	*	275
University Hospital Galway ICU	35	3.0%	1163
University Hospital Limerick ICU	18	4.2%	427
University Hospital Waterford ICU	~	*	339
Regional Hospital Mullingar ICU	~	*	368
Wexford General Hospital ICU	8	2.7%	301
Connolly Hospital ICU **	~	*	343
Midland Regional Hospital Tullamore ICU	20	8.3%	240
Naas General Hospital ICU	~	*	167
St Luke's General Hospital Carlow/Kilkenny ICU	~	*	217
St Vincent's University Hospital ICU	14	2.1%	671
Cork University Hospital Cardiothoracic ICU	~	*	609
Cork University Hospital General ICU **	23	3.8%	611
Letterkenny University Hospital ICU	8	2.6%	307
Tipperary University Hospital Clonmel ICU **	~	*	194
University Hospital Kerry ICU	~	*	68
Cavan General Hospital ICU **	~	*	226
Mercy University Hospital Cork ICU **	9	2.9%	309
Sligo University Hospital ICU **	13	4.4%	293
National	299	2.5%	12137

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

** Full medical history not available for a small number of patients.

FIGURE 4.8B: HOSPITAL MORTALITY RATE IN UNIT ADMISSIONS WITH HAEMATOLOGICAL MALIGNANCY (UNITS WITH 5 OR MORE ADMISSIONS ONLY)

Unit	Haematological malignancy		Number of patients
	N	%	
Beaumont Hospital General ICU	10	52.6%	19
Beaumont Hospital (Richmond) Neurosurgical ICU	~	*	6
Mater Misericordiae University Hospital HDU	8	32.0%	25
Mater Misericordiae University Hospital ICU	~	*	10
St James's Hospital General ICU	19	43.2%	44
University Hospital Galway ICU	10	32.3%	31
University Hospital Limerick ICU	7	43.8%	16
Wexford General Hospital ICU	~	*	8
Midland Regional Hospital Tullamore ICU	11	64.7%	17
St Vincent's University Hospital ICU	9	75.0%	12
Cork University Hospital General ICU	16	69.6%	23
Letterkenny University Hospital ICU	~	*	7
Mercy University Hospital Cork ICU	6	66.7%	9
Sligo University Hospital ICU	~	*	10

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURE 4.9A: ADMISSIONS WITH METASTATIC DISEASE

Unit	Metastatic disease		Admissions with full medical history
	N	%	N
Beaumont Hospital General ICU	27	3.2%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	9	2.6%	340
Mater Misericordiae University Hospital HDU	117	8.7%	1341
Mater Misericordiae University Hospital ICU	14	1.7%	829
Our Lady of Lourdes Hospital Drogheda ICU	12	2.9%	411
St James's Hospital Cardiothoracic ICU	~	*	238
St James's Hospital General ICU	30	3.0%	996
Tallaght University Hospital ICU	~	*	275
University Hospital Galway ICU	37	3.2%	1163
University Hospital Limerick ICU	15	3.5%	427
University Hospital Waterford ICU	8	2.4%	339
Regional Hospital Mullingar ICU	6	1.6%	368
Wexford General Hospital ICU	9	3.0%	301
Connolly Hospital ICU **	~	*	343
Midland Regional Hospital Tullamore ICU	12	5.0%	240
Naas General Hospital ICU	~	*	167
St Luke's General Hospital Carlow/Kilkenny ICU	~	*	217
St Vincent's University Hospital ICU	10	1.5%	671
Cork University Hospital Cardiothoracic ICU	8	1.3%	609
Cork University Hospital General ICU **	11	1.8%	611
Letterkenny University Hospital ICU	~	*	307
Tipperary University Hospital Clonmel ICU **	8	4.1%	194
University Hospital Kerry ICU	~	*	68
Cavan General Hospital ICU **	16	7.1%	226
Mercy University Hospital Cork ICU **	15	4.9%	309
Sligo University Hospital ICU **	17	5.8%	293
National	394	3.2%	12137

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

** Full medical history not available for a small number of patients.

**FIGURE 4.9B: HOSPITAL MORTALITY RATE IN UNIT ADMISSIONS WITH METASTATIC DISEASE
(UNITS WITH 5 OR MORE ADMISSIONS ONLY)**

Unit	Metastatic disease		Number of patients
	N	%	
Beaumont Hospital General ICU	9	40.9%	22
Beaumont Hospital (Richmond) Neurosurgical ICU	~	*	8
Mater Misericordiae University Hospital HDU	15	14.4%	104
Mater Misericordiae University Hospital ICU	6	46.2%	13
Our Lady of Lourdes Hospital Drogheda ICU	6	54.5%	11
St James's Hospital General ICU	11	37.9%	29
University Hospital Galway ICU	10	29.4%	34
University Hospital Limerick ICU	6	46.2%	13
University Hospital Waterford ICU	~	*	8
Regional Hospital Mullingar ICU	~	*	6
Wexford General Hospital ICU	~	*	7
Midland Regional Hospital Tullamore ICU	~	*	10
St Vincent's University Hospital ICU	6	60.0%	10
Cork University Hospital Cardiothoracic ICU	~	*	8
Cork University Hospital General ICU	7	63.6%	11
Tipperary University Hospital Clonmel ICU	6	75.0%	8
Cavan General Hospital ICU	~	*	15
Mercy University Hospital Cork ICU	~	*	15
Sligo University Hospital ICU	7	41.2%	17

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURE 4.10: NUMBER OF PREGNANT OR RECENTLY PREGNANT PATIENTS ADMITTED TO CRITICAL CARE UNITS IN 2021

Unit	Pregnant or recently pregnant patients		Total admissions
	N	%	
Beaumont Hospital, General ICU and (Richmond) Neurosurgical ICU	8	0.7%	1194
Mater Misericordiae University Hospital HDU	27	2.0%	1341
Mater Misericordiae University Hospital ICU	20	2.4%	829
Our Lady of Lourdes Hospital Drogheda ICU	12	2.9%	411
St James's Hospital, Cardiothoracic ICU and General ICU	11	0.9%	1234
Tallaght University Hospital ICU	~	*	275
University Hospital Galway ICU	21	1.8%	1163
University Hospital Limerick ICU	6	1.4%	427
University Hospital Waterford ICU	6	1.8%	339
Regional Hospital Mullingar ICU	13	3.5%	368
Wexford General Hospital ICU	14	4.7%	301
Connolly Hospital ICU	~	*	344
Midland Regional Hospital Tullamore ICU	0	0.0%	240
Naas General Hospital ICU	~	*	167
St Luke's General Hospital Carlow/Kilkenny ICU	11	5.1%	217
St Vincent's University Hospital ICU	~	*	671
Cork University Hospital, Cardiothoracic ICU and General ICU	9	0.7%	1227
Letterkenny University Hospital ICU	~	*	307
Tipperary University Hospital Clonmel ICU	~	*	195
University Hospital Kerry ICU	~	*	68
Cavan General Hospital ICU	12	5.3%	228
Mercy University Hospital Cork ICU	0	0.0%	311
Sligo University Hospital ICU	11	3.7%	294
National	196	1.6%	12151

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURES 5.3 AND 5.4: PATIENTS WHO UNDERWENT INVASIVE VENTILATION (ADVANCED RESPIRATORY SUPPORT-ARS)

Unit	Patients			Patient days		
	N	%	Total admissions	N	%	Total days*
Beaumont Hospital General ICU	529	61.9%	854	4302	61.4%	7001
Beaumont Hospital (Richmond) Neurosurgical ICU	255	75.0%	340	2110	61.2%	3448
Mater Misericordiae University Hospital HDU	104	7.8%	1341	764	11.1%	6885
Mater Misericordiae University Hospital ICU	715	86.2%	829	4949	75.8%	6532
Our Lady of Lourdes Hospital Drogheda ICU **	217	52.9%	410	2298	62.8%	3661
St James's Hospital Cardiothoracic ICU	220	92.4%	238	1244	60.6%	2052
St James's Hospital General ICU	611	61.3%	996	6234	62.4%	9998
Tallaght University Hospital ICU	128	46.5%	275	1456	52.7%	2761
University Hospital Galway ICU	377	32.4%	1163	1914	31.1%	6145
University Hospital Limerick ICU	294	68.9%	427	1924	45.5%	4226
University Hospital Waterford ICU	136	40.1%	339	844	37.9%	2227
Regional Hospital Mullingar ICU	101	27.4%	368	882	36.3%	2433
Wexford General Hospital ICU	159	52.8%	301	1267	62.7%	2021
Connolly Hospital ICU	220	64.0%	344	1524	64.9%	2349
Midland Regional Hospital Tullamore ICU	92	38.3%	240	1200	56.2%	2136
Naas General Hospital ICU	114	68.3%	167	934	67.8%	1377
St Luke's General Hospital Carlow/Kilkenny ICU	83	38.2%	217	701	43.6%	1608
St Vincent's University Hospital ICU	455	67.8%	671	4499	63.1%	7132
Cork University Hospital Cardiothoracic ICU	524	86.0%	609	1356	51.4%	2640
Cork University Hospital General ICU **	379	62.7%	604	3842	62.9%	6111
Letterkenny University Hospital ICU	190	61.9%	307	1154	64.0%	1804
Tipperary University Hospital Clonmel ICU	106	54.4%	195	986	57.5%	1716
University Hospital Kerry ICU	24	35.3%	68	244	49.7%	491
Cavan General Hospital ICU **	78	34.5%	226	520	40.3%	1290
Mercy University Hospital Cork ICU	152	48.9%	311	1153	49.6%	2325
Sligo University Hospital ICU	110	37.4%	294	594	36.8%	1613
National	6373	52.5%	12134	48895	53.2%	91982

* This does not equate to bed days elsewhere in this report; calculation of bed days elsewhere is based on the number of hours spent in the Unit (i.e. 36 hours in the Unit is counted as 1.5 days). Number of days receiving organ support (e.g. ARS) is based on each day or part of each day receiving support (e.g., 36 hours in the Unit is counted as 2 days).

** Data not available for a small number of patients.

FIGURE 5.5: NUMBERS OF PATIENTS ADMITTED TO EACH UNIT WHO RECEIVED LEVEL 3 CARE DURING INTENSIVE CARE UNIT ADMISSION

Unit	Admissions		
	N	%	Total admissions
Beaumont Hospital General ICU	586	68.6%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	276	81.2%	340
Mater Misericordiae University Hospital HDU	149	11.1%	1341
Mater Misericordiae University Hospital ICU	759	91.6%	829
Our Lady of Lourdes Hospital Drogheda ICU	240	58.4%	411
St James's Hospital Cardiothoracic ICU	224	94.1%	238
St James's Hospital General ICU	648	65.1%	996
Tallaght University Hospital ICU	151	54.9%	275
University Hospital Galway ICU	448	38.5%	1163
University Hospital Limerick ICU	330	77.3%	427
University Hospital Waterford ICU	156	46.0%	339
Regional Hospital Mullingar ICU	113	30.7%	368
Wexford General Hospital ICU	167	55.5%	301
Connolly Hospital ICU	230	66.9%	344
Midland Regional Hospital Tullamore ICU	110	45.8%	240
Naas General Hospital ICU	114	68.3%	167
St Luke's General Hospital Carlow/Kilkenny ICU	81	37.3%	217
St Vincent's University Hospital ICU	516	76.9%	671
Cork University Hospital Cardiothoracic ICU	539	88.5%	609
Cork University Hospital General ICU	437	70.7%	618
Letterkenny University Hospital ICU	196	63.8%	307
Tipperary University Hospital Clonmel ICU	110	56.4%	195
University Hospital Kerry ICU	26	38.2%	68
Cavan General Hospital ICU	92	40.4%	228
Mercy University Hospital Cork ICU	175	56.3%	311
Sligo University Hospital ICU	129	43.9%	294
National	7002	57.6%	12151

FIGURES 5.6 AND 5.7: PATIENTS WHO RECEIVED ADVANCED CARDIOVASCULAR SUPPORT

Unit	Patients			Patient days		
	N	%	Total admissions	N	%	Total days
Beaumont Hospital General ICU	223	26.1%	854	681	9.7%	7001
Beaumont Hospital (Richmond) Neurosurgical ICU	85	25.0%	340	349	10.1%	3448
Mater Misericordiae University Hospital HDU	~	*	1341	7	0.1%	6885
Mater Misericordiae University Hospital ICU	291	35.1%	829	756	11.6%	6532
Our Lady of Lourdes Hospital Drogheda ICU **	51	12.4%	410	127	3.5%	3661
St James's Hospital Cardiothoracic ICU	191	80.3%	238	659	32.1%	2052
St James's Hospital General ICU	240	24.1%	996	889	8.9%	9998
Tallaght University Hospital ICU	66	24.0%	275	246	8.9%	2761
University Hospital Galway ICU	166	14.3%	1163	475	7.7%	6145
University Hospital Limerick ICU	109	25.5%	427	361	8.5%	4226
University Hospital Waterford ICU	50	14.7%	339	120	5.4%	2227
Regional Hospital Mullingar ICU	33	9.0%	368	87	3.6%	2433
Wexford General Hospital ICU	54	17.9%	301	218	10.8%	2021
Connolly Hospital ICU **	69	20.1%	343	185	7.9%	2349
Midland Regional Hospital Tullamore ICU	14	5.8%	240	45	2.1%	2136
Naas General Hospital ICU	31	18.6%	167	73	5.3%	1377
St Luke's General Hospital Carlow/Kilkenny ICU	11	5.1%	217	28	1.7%	1608
St Vincent's University Hospital ICU	194	28.9%	671	728	10.2%	7132
Cork University Hospital Cardiothoracic ICU	399	65.5%	609	994	37.7%	2640
Cork University Hospital General ICU **	170	28.1%	604	512	8.4%	6111
Letterkenny University Hospital ICU	59	19.2%	307	191	10.6%	1804
Tipperary University Hospital Clonmel ICU	38	19.5%	195	212	12.4%	1716
University Hospital Kerry ICU	*	*	68	19	3.9%	491
Cavan General Hospital ICU **	28	12.4%	226	103	8.0%	1290
Mercy University Hospital Cork ICU	89	28.6%	311	291	12.5%	2325
Sligo University Hospital ICU	66	22.4%	294	192	11.9%	1613
National	2739	22.6%	12133	8548	9.3%	91982

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

** Data not available for a small number of patients.

FIGURES 5.8 AND 5.9: PATIENTS WHO UNDERWENT DIALYSIS

Unit	Admissions			Patient days		
	N	%	Total admissions	N	%	Total days
Beaumont Hospital General ICU	113	13.2%	854	772	11.0%	7001
Beaumont Hospital (Richmond) Neurosurgical ICU	8	2.4%	340	34	1.0%	3448
Mater Misericordiae University Hospital HDU	47	3.5%	1341	151	2.2%	6885
Mater Misericordiae University Hospital ICU	207	25.0%	829	1830	28.0%	6532
Our Lady of Lourdes Hospital Drogheda ICU **	41	10.0%	410	361	9.9%	3661
St James's Hospital Cardiothoracic ICU	23	9.7%	238	228	11.1%	2052
St James's Hospital General ICU	163	16.4%	996	1523	15.2%	9998
Tallaght University Hospital ICU	52	18.9%	275	460	16.7%	2761
University Hospital Galway ICU	85	7.3%	1163	446	7.3%	6145
University Hospital Limerick ICU	93	21.8%	427	469	11.1%	4226
University Hospital Waterford ICU	50	14.7%	339	323	14.5%	2227
Regional Hospital Mullingar ICU	28	7.6%	368	146	6.0%	2433
Wexford General Hospital ICU	16	5.3%	301	82	4.1%	2021
Connolly Hospital ICU **	35	10.2%	343	187	8.0%	2349
Midland Regional Hospital Tullamore ICU	35	14.6%	240	233	10.9%	2136
Naas General Hospital ICU	~	*	167	0	0.0%	1377
St Luke's General Hospital Carlow/Kilkenny ICU	~	*	217	0	0.0%	1608
St Vincent's University Hospital ICU	212	31.6%	671	1821	25.5%	7132
Cork University Hospital Cardiothoracic ICU	24	3.9%	609	154	5.8%	2640
Cork University Hospital General ICU **	89	14.7%	604	587	9.6%	6111
Letterkenny University Hospital ICU	12	3.9%	307	68	3.8%	1804
Tipperary University Hospital Clonmel ICU	~	*	195	0	0.0%	1716
University Hospital Kerry ICU	~	*	68	20	4.1%	491
Cavan General Hospital ICU **	13	5.8%	226	63	4.9%	1290
Mercy University Hospital Cork ICU	21	6.8%	311	100	4.3%	2325
Sligo University Hospital ICU	23	7.8%	294	119	7.4%	1613
National	1391	11.5%	12133	10177	11.1%	91982

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

** Data not available for a small number of patients.

FIGURE 5.10: BED DAYS UNDERGOING DIALYSIS AS A PERCENTAGE OF BED DAYS UNDERGOING ADVANCED RESPIRATORY SUPPORT

Unit	Renal support	Advanced respiratory support	
	N	N	%
Beaumont Hospital General ICU	772	4302	17.9%
Beaumont Hospital (Richmond) Neurosurgical ICU	34	2110	1.6%
Mater Misericordiae University Hospital HDU	151	764	19.8%
Mater Misericordiae University Hospital ICU	1830	4949	37.0%
Our Lady of Lourdes Hospital Drogheda ICU	361	2298	15.7%
St James's Hospital Cardiothoracic ICU	228	1244	18.3%
St James's Hospital General ICU	1523	6234	24.4%
Tallaght University Hospital ICU	460	1456	31.6%
University Hospital Galway ICU	446	1914	23.3%
University Hospital Limerick ICU	469	1924	24.4%
University Hospital Waterford ICU	323	844	38.3%
Regional Hospital Mullingar ICU	146	882	16.6%
Wexford General Hospital ICU	82	1267	6.5%
Connolly Hospital ICU	187	1524	12.3%
Midland Regional Hospital Tullamore ICU	233	1200	19.4%
Naas General Hospital ICU	0	934	0.0%
St Luke's General Hospital Carlow/Kilkenny ICU	0	701	0.0%
St Vincent's University Hospital ICU	1821	4499	40.5%
Cork University Hospital Cardiothoracic ICU	154	1356	11.4%
Cork University Hospital General ICU	587	3842	15.3%
Letterkenny University Hospital ICU	68	1154	5.9%
Tipperary University Hospital Clonmel ICU	0	986	0.0%
University Hospital Kerry ICU	20	244	8.2%
Cavan General Hospital ICU	63	520	12.1%
Mercy University Hospital Cork ICU	100	1153	8.7%
Sligo University Hospital ICU	119	594	20.0%
National	10177	48895	20.8%

FIGURE 5.11: PATIENTS WHO RECEIVED ENTERAL OR PARENTERAL NUTRITION (AS A PERCENTAGE OF ALL UNIT ADMISSIONS)

Unit	Admissions		
	N	%	Total admissions
Beaumont Hospital General ICU	536	62.8%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	256	75.3%	340
Mater Misericordiae University Hospital HDU	516	38.5%	1341
Mater Misericordiae University Hospital ICU	482	58.1%	829
Our Lady of Lourdes Hospital Drogheda ICU *	215	52.4%	410
St James's Hospital Cardiothoracic ICU	51	21.4%	238
St James's Hospital General ICU	630	63.3%	996
Tallaght University Hospital ICU	149	54.2%	275
University Hospital Galway ICU	320	27.5%	1163
University Hospital Limerick ICU	253	59.3%	427
University Hospital Waterford ICU	143	42.2%	339
Regional Hospital Mullingar ICU	124	33.7%	368
Wexford General Hospital ICU	96	31.9%	301
Connolly Hospital ICU	176	51.2%	344
Midland Regional Hospital Tullamore ICU	84	35.0%	240
Naas General Hospital ICU	108	64.7%	167
St Luke's General Hospital Carlow/Kilkenny ICU	83	38.2%	217
St Vincent's University Hospital ICU	392	58.4%	671
Cork University Hospital Cardiothoracic ICU	85	14.0%	609
Cork University Hospital General ICU *	373	61.8%	604
Letterkenny University Hospital ICU	144	46.9%	307
Tipperary University Hospital Clonmel ICU	102	52.3%	195
University Hospital Kerry ICU	21	30.9%	68
Cavan General Hospital ICU *	70	31.0%	226
Mercy University Hospital Cork ICU	266	85.5%	311
Sligo University Hospital ICU	98	33.3%	294
National	5773	47.6%	12134

* Data not available for a small number of patients.

TABLE 6.1 (Extended): ICU BED OCCUPANCY RATES IN ICUs AND HDUs IN ALL 26 ADULT HSE-FUNDED HOSPITALS DURING 2021
 (Source: ICU Bed Information System)

Unit	Open bed days	Occupied bed days	Occupancy rate
Beaumont Hospital General ICU	6861	6190	90.2%
Beaumont Hospital (Richmond) Neurosurgical ICU	3241	3176	98.0%
Mater Misericordiae University Hospital HDU	5836	5671	97.2%
Mater Misericordiae University Hospital ICU	5912	5755	97.3%
Our Lady of Lourdes Hospital Drogheda ICU	3776	3176	84.1%
St James's Hospital Cardiothoracic ICU	2857	2145	75.1%
St James's Hospital General ICU	9588	8415	87.8%
Tallaght University Hospital ICU	5148	4585	89.1%
University Hospital Galway ICU	8108	6920	85.3%
University Hospital Limerick ICU	4325	3632	84.0%
University Hospital Waterford ICU	2138	1680	78.6%
Regional Hospital Mullingar ICU	2593	2221	85.7%
Wexford General Hospital ICU	2164	1871	86.5%
Connolly Hospital ICU	2391	2117	88.5%
Midland Regional Hospital Tullamore ICU	2216	1990	89.8%
Naas General Hospital ICU	1310	1130	86.3%
St Luke's General Hospital Carlow/Kilkenny ICU	1742	1517	87.1%
St Vincent's University Hospital ICU	6603	6458	97.8%
Cork University Hospital Cardiothoracic ICU	2080	1986	95.5%
Cork University Hospital General ICU	6028	5586	92.7%
Letterkenny University Hospital ICU	1956	1575	80.5%
Tipperary University Hospital Clonmel ICU	1835	1549	84.4%
University Hospital Kerry ICU	1994	1687	84.6%
Cavan General Hospital ICU	1471	1128	76.7%
Mercy University Hospital Cork ICU	2141	1996	93.2%
Sligo University Hospital ICU	1808	1381	76.4%
Total - INICUA Units	96122	85537	89.0%
Portiuncula University Hospital ICU	2506	1945	77.6%
Mayo University Hospital ICU	1951	1569	80.4%
Our Lady's Hospital Navan ICU	1309	943	72.0%
Midland Regional Hospital Portlaoise ICU	1174	998	85.0%
University Hospital Limerick HDU	5029	4584	91.2%
Tallaght University Hospital HDU	675	646	95.7%

Unit	Open bed days	Occupied bed days	Occupancy rate
University Hospital Waterford HDU	1684	1532	91.0%
Total - Additional Units	14328	12217	85.3%
Grand Total - National	110450	97754	88.5%

FIGURE 6.3: MEAN AND MEDIAN LENGTH OF STAY IN THE UNIT (DAYS) FOR ALL ADMISSIONS¹

Unit	Length of stay	
	Mean	Median
Beaumont Hospital General ICU	7.3	3.8
Beaumont Hospital (Richmond) Neurosurgical ICU	9.2	6.8
Mater Misericordiae University Hospital HDU	4.2	2.8
Mater Misericordiae University Hospital ICU	6.9	3.4
Our Lady of Lourdes Hospital Drogheda ICU	8.1	3.3
St James's Hospital Cardiothoracic ICU	7.6	3.2
St James's Hospital General ICU	9.1	3.9
Tallaght University Hospital ICU	7.4	3.3
University Hospital Galway ICU	4.3	2.2
University Hospital Limerick ICU	8.9	4.7
University Hospital Waterford ICU	5.6	3
Regional Hospital Mullingar ICU	5.6	2.6
Wexford General Hospital ICU	5.9	2
Connolly Hospital ICU	5.9	2.6
Midland Regional Hospital Tullamore ICU	8	2.7
Naas General Hospital ICU	7.3	3.6
St Luke's General Hospital Carlow/Kilkenny ICU	6.5	3.1
St Vincent's University Hospital ICU	9.7	3.8
Cork University Hospital Cardiothoracic ICU	3.2	1.9
Cork University Hospital General ICU	9.2	4.7
Letterkenny University Hospital ICU	4.9	2.6
Tipperary University Hospital Clonmel ICU	7.9	3.8
University Hospital Kerry ICU	6.3	2.9
Cavan General Hospital ICU	4.9	2.7
Mercy University Hospital Cork ICU	6.4	3.8
Sligo University Hospital ICU	4.5	1.8
National	6.6	3

¹ The table above presents the median as well as the mean, whereas figure 6.3 presents the mean only.

FIGURE 6.4: MEAN AND MEDIAN UNIT LENGTH OF STAY FOR UNIT SURVIVORS VERSUS NON-SURVIVORS (DAYS)

Unit	Unit survivors			Unit non-survivors		
	N	Mean LOS	Median LOS	N	Mean LOS	Median LOS
Beaumont Hospital General ICU	688	7.4	3.9	166	6.8	3.4
Beaumont Hospital (Richmond) Neurosurgical ICU	298	9.7	7.1	42	5.4	2.5
Mater Misericordiae University Hospital HDU	1290	4.1	2.8	51	5.2	3.7
Mater Misericordiae University Hospital ICU	700	6.6	3.2	129	8.8	4.4
Our Lady of Lourdes Hospital Drogheda ICU	313	8.1	3	98	8	5.4
St James's Hospital Cardiothoracic ICU	221	6.2	3	17	24.9	9.6
St James's Hospital General ICU	789	8.6	3.8	207	10.9	5.9
Tallaght University Hospital ICU	230	7.4	3.3	44	7.7	3.4
University Hospital Galway ICU	1036	4.1	2.1	127	6.7	3.5
University Hospital Limerick ICU	319	9.9	4.9	108	6.1	2.9
University Hospital Waterford ICU	282	5.3	3	56	7.2	3.4
Regional Hospital Mullingar ICU	325	5.1	2.4	43	10.1	4.4
Wexford General Hospital ICU	251	5.2	2	50	9.1	3
Connolly Hospital ICU	265	5.7	2.7	79	6.7	2.3
Midland Regional Hospital Tullamore ICU	187	7.8	2.2	53	8.5	3.7
Naas General Hospital ICU	128	7.5	3.7	39	6.5	3.4
St Luke's General Hospital Carlow/Kilkenny ICU	188	6.6	3	29	6.2	4.4
St Vincent's University Hospital ICU	474	9	3.9	197	11.5	3.6
Cork University Hospital Cardiothoracic ICU	590	3.1	1.9	19	6.3	4.9
Cork University Hospital General ICU	452	9.1	4.8	166	9.4	4.3
Letterkenny University Hospital ICU	241	4.4	2.3	66	6.8	4.2
Tipperary University Hospital Clonmel ICU	161	7.8	3.8	34	8.4	2.9
University Hospital Kerry ICU	52	6	3	16	7.3	2.4
Cavan General Hospital ICU	196	4.9	2.9	32	5	1.1
Mercy University Hospital Cork ICU	247	6.2	3.6	64	7.1	5.6
Sligo University Hospital ICU	236	4.4	1.9	58	5.2	1.8
National	10159	6.3	3	1990	8.3	4

FIGURE 6.7: DISCHARGES TO THE WARD DELAYED MORE THAN 24 HOURS, AS A PERCENTAGE OF ALL DISCHARGES TO A WARD (2021)

Unit	Discharges to the ward delayed > 24 hours		
	N	%	Total discharges
Beaumont Hospital General ICU	215	35.6%	604
Beaumont Hospital (Richmond) Neurosurgical ICU	106	39.7%	267
Mater Misericordiae University Hospital HDU	90	9.1%	990
Mater Misericordiae University Hospital ICU	26	36.6%	71
Our Lady of Lourdes Hospital Drogheda ICU	72	26.4%	273
St James's Hospital Cardiothoracic ICU	30	14.9%	202
St James's Hospital General ICU	227	32.3%	702
Tallaght University Hospital ICU	40	25.6%	156
University Hospital Galway ICU	33	3.4%	970
University Hospital Limerick ICU	63	45.0%	140
University Hospital Waterford ICU	50	25.9%	193
Regional Hospital Mullingar ICU	83	28.9%	287
Wexford General Hospital ICU	32	18.8%	170
Connolly Hospital ICU	55	27.2%	202
Midland Regional Hospital Tullamore ICU	22	12.5%	176
Naas General Hospital ICU	15	13.5%	111
St Luke's General Hospital Carlow/Kilkenny ICU	*	*	137
St Vincent's University Hospital ICU	54	16.0%	337
Cork University Hospital Cardiothoracic ICU	19	3.7%	515
Cork University Hospital General ICU	100	26.6%	376
Letterkenny University Hospital ICU	13	11.0%	118
Tipperary University Hospital Clonmel ICU	30	24.2%	124
University Hospital Kerry ICU	~	*	32
Cavan General Hospital ICU	22	14.2%	155
Mercy University Hospital Cork ICU	67	32.1%	209
Sligo University Hospital ICU	36	19.9%	181
National	1515	19.7%	7698

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURE 6.9: IRISH NATIONAL EARLY WARNING SYSTEM SCORES AT THE TIME OF DISCHARGE FROM THE UNIT (MEDIAN, QUARTILES), 2021

Unit	Admissions			INews Scores		
	N	N recorded	%	Median	Lower quartile	Upper quartile
Beaumont Hospital General ICU	641	641	100.0%	4	2	6
Beaumont Hospital (Richmond) Neurosurgical ICU	273	235	86.1%	3	1	6
Mater Misericordiae University Hospital HDU	1121	1084	96.7%	4	3	5
Mater Misericordiae University Hospital ICU	643	126	19.6%	5	4	7
Our Lady of Lourdes Hospital Drogheda ICU	295	137	46.4%	2	0	3
St James's Hospital Cardiothoracic ICU	205	84	41.0%	3	1	5
St James's Hospital General ICU	719	524	72.9%	3	1	4
Tallaght University Hospital ICU	218	221	101.4%	3	0	3
University Hospital Galway ICU	984	255	25.9%	2	0	3
University Hospital Limerick ICU	274	129	47.1%	3	1	5
University Hospital Waterford ICU	271	211	77.9%	3	3	3
Regional Hospital Mullingar ICU	297	287	96.6%	1	0	3
Wexford General Hospital ICU	223	168	75.3%	3	1	5
Connolly Hospital ICU	239	232	97.1%	3	1	5
Midland Regional Hospital Tullamore ICU	170	160	94.1%	3	3	3
Naas General Hospital ICU	108	105	97.2%	5	3	6
St Luke's General Hospital Carlow/Kilkenny ICU	170	170	100.0%	3	1	5
St Vincent's University Hospital ICU	419	448	106.9%	3	1	5
Cork University Hospital Cardiothoracic ICU	570	546	95.8%	3	3	4
Cork University Hospital General ICU	414	366	88.4%	3	2	5
Letterkenny University Hospital ICU	217	189	87.1%	4	3	5
Tipperary University Hospital Clonmel ICU	146	141	96.6%	3	3	4
University Hospital Kerry ICU	49	45	91.8%	3	1	4
Cavan General Hospital ICU	180	140	77.8%	2	0	4
Mercy University Hospital Cork ICU	234	234	100.0%	3	3	4
Sligo University Hospital ICU	215	194	90.2%	3	2	5
National	9295	7072	76.1%	3	2	5

FIGURES 6.10: MEAN AND MEDIAN LENGTH OF STAY IN ACUTE HOSPITAL AFTER UNIT DISCHARGE FOR ACUTE HOSPITAL SURVIVORS AND NON-SURVIVORS (DAYS)

Unit	All Unit survivors			Acute hospital survivors			Acute hospital non-survivors		
	N	Mean LOS	Median LOS	N	Mean LOS	Median LOS	N	Mean LOS	Median LOS
Beaumont Hospital General ICU	641	31	14	588	31	14	52	38	19
Beaumont Hospital (Richmond) Neurosurgical ICU	273	43	25	248	43	25	24	46	19
Mater Misericordiae University Hospital HDU	1121	22	10	1037	22	10	83	29	13
Mater Misericordiae University Hospital ICU	643	28	14	596	27	14	46	36	15
Our Lady of Lourdes Hospital Drogheda ICU	295	20	11	252	20	11	42	22	12
St James's Hospital Cardiothoracic ICU	205	17	6	197	16	6	8	N<10	N<10
St James's Hospital General ICU	719	26	15	661	25	15	56	33	19
Tallaght University Hospital ICU	218	25	14	199	26	13	19	17	16
University Hospital Galway ICU	984	19	10	911	19	10	71	18	9
University Hospital Limerick ICU	274	26	13	240	27	15	34	18	12
University Hospital Waterford ICU	271	20	11	245	20	11	26	12	6
Regional Hospital Mullingar ICU	297	15	7	273	15	7	24	17	8
Wexford General Hospital ICU	223	14	7	206	14	7	17	16	9
Connolly Hospital ICU	239	28	13	207	29	13	32	20	12
Midland Regional Hospital Tullamore ICU	170	23	10	139	23	10	31	23	10
Naas General Hospital ICU	108	24	13	84	26	14	24	18	9
St Luke's General Hospital Carlow/Kilkenny ICU	170	16	8	155	15	8	15	20	10
St Vincent's University Hospital ICU	419	32	14	357	30	14	61	45	15
Cork University Hospital Cardiothoracic ICU	570	12	7	558	11	7	12	23	18
Cork University Hospital General ICU	414	31	15	368	32	15	45	26	13
Letterkenny University Hospital ICU	217	26	13	181	28	14	36	15	8
Tipperary University Hospital Clonmel ICU	146	17	9	120	18	9	26	12	7
University Hospital Kerry ICU	49	21	12	43	23	12	6	N<10	N<10
Cavan General Hospital ICU	180	18	7	166	17	7	14	34	17
Mercy University Hospital Cork ICU	234	15	8	214	15	8	20	17	7
Sligo University Hospital ICU	215	17	11	179	17	11	30	19	12
National	9295	23	11	8424	23	11	854	26	12

FIGURE 7.1: PERCENTAGE OF ADMISSIONS TO A CRITICAL CARE UNIT FROM A WARD OR EMERGENCY DEPARTMENT: (i) WITHIN 1 HOUR OF THE DECISION TO ADMIT, AND (ii) WITHIN 4 HOURS OF THE DECISION TO ADMIT (Q1–Q4 2021)

Hospital	Admissions from ward or ED			<1 hour		<4 hours	
	N	Time of decision known (N)	%	N	%	N	%
Beaumont Hospital	474	328	69.2%	179	54.6%	309	94.2%
Mater Misericordiae University Hospital	657	565	86.0%	59	10.4%	290	51.3%
Our Lady of Lourdes Hospital Drogheda	309	279	90.3%	91	32.6%	249	89.2%
St James's Hospital	519	519	100.0%	207	39.9%	507	97.7%
University Hospital Limerick	221	198	89.6%	77	38.9%	183	92.4%
Regional Hospital Mullingar	250	248	99.2%	107	43.1%	233	94.0%
Wexford General Hospital	197	163	82.7%	43	26.4%	158	96.9%
Connolly Hospital	242	242	100.0%	48	19.8%	221	91.3%
Midland Regional Hospital Tullamore	170	160	94.1%	46	28.8%	129	80.6%
Naas General Hospital	124	124	100.0%	24	19.4%	101	81.5%
St Luke's General Hospital, Carlow/Kilkenny	147	147	100.0%	52	35.4%	133	90.5%
St Vincent's University Hospital	394	328	83.2%	64	19.5%	260	79.3%
Cork University Hospital	408	408	100.0%	167	40.9%	335	82.1%
Letterkenny University Hospital	209	209	100.0%	53	25.4%	192	91.9%
Tipperary University Hospital Clonmel	121	108	89.3%	34	31.5%	95	88.0%
Cavan General Hospital	174	147	84.5%	52	35.4%	139	94.6%
Mercy University Hospital	127	85	66.9%	19	22.4%	66	77.6%
Sligo University Hospital	177	177	100.0%	86	48.6%	172	97.2%
National	5829	4747	81.4%	1505	31.7%	4033	85.0%

FIGURES 7.9A and 7.9B: PATIENTS WITH A PREDICTED RISK OF DEATH GREATER THAN 20%, AS A PERCENTAGE OF ALL ADMISSIONS

Unit	Patients with risk-adjusted mortality > 20%					
	Eligible patients	> 20% risk N	> 20% risk %	Observed deaths	Predicted deaths	SMR
Beaumont Hospital General ICU	806	282	35.0%	162	147.2	1.10
Beaumont Hospital (Richmond) Neurosurgical ICU	312	127	40.7%	56	59.3	0.94
Mater Misericordiae University Hospital HDU	1185	175	14.8%	80	70.1	1.14
Mater Misericordiae University Hospital ICU	775	249	32.1%	139	134.9	1.03
Our Lady of Lourdes Hospital Drogheda ICU	389	170	43.7%	97	91	1.07
St James's Hospital Cardiothoracic ICU	225	28	12.4%	13	12.7	1.02
St James's Hospital General ICU	939	316	33.7%	195	167.2	1.17
Tallaght University Hospital ICU	260	74	28.5%	46	38.2	1.20
University Hospital Galway ICU	1111	238	21.4%	132	120.4	1.10
University Hospital Limerick ICU	400	191	47.8%	106	103.5	1.02
University Hospital Waterford ICU	326	101	31.0%	66	52.1	1.27
Regional Hospital Mullingar ICU	351	82	23.4%	42	39.4	1.07
Wexford General Hospital ICU	282	82	29.1%	48	42.4	1.13
Connolly Hospital ICU	320	127	39.7%	82	76.9	1.07
Midland Regional Hospital Tullamore ICU	222	105	47.3%	66	54.7	1.21
Naas General Hospital ICU	151	61	40.4%	38	34.8	1.09
St Luke's General Hospital Carlow/Kilkenny ICU	209	74	35.4%	38	34.3	1.11
St Vincent's University Hospital ICU	615	344	55.9%	217	196.9	1.10
Cork University Hospital Cardiothoracic ICU	589	53	9.0%	25	24.6	1.02
Cork University Hospital General ICU	566	271	47.9%	155	145	1.07
Letterkenny University Hospital ICU	278	128	46.0%	80	66.9	1.20
Tipperary University Hospital Clonmel ICU	186	71	38.2%	48	39.3	1.22
University Hospital Kerry ICU	65	32	49.2%	18	16	1.13
Cavan General Hospital ICU	215	75	34.9%	37	36	1.03
Mercy University Hospital Cork ICU	296	90	30.4%	61	47.6	1.28
Sligo University Hospital ICU	268	112	41.8%	70	64.2	1.09
National average	436	141	32.3%	81	74	1.11
National total	11341	3658	32.3%	2117	1916	1.11

FIGURE 7.10: PERCENTAGE OF PATIENTS TESTED FOR EACH MULTIDRUG-RESISTANT ORGANISM IN EACH UNIT (METHICILLIN-RESISTANT *STAPHYLOCOCCUS AUREUS*)²

Unit	Admissions with complete infection data	Samples taken (percentage of all admissions)		MRSA on admission (percentage of admissions tested)		No MRSA (percentage of admissions tested)	
		N	%	N	%	N	%
Beaumont Hospital General ICU	854	828	97.0%	24	2.9%	802	96.9%
Beaumont Hospital (Richmond) Neurosurgical ICU	340	338	99.4%	11	3.3%	325	96.2%
Mater Misericordiae University Hospital HDU	1341	1211	90.3%	13	1.1%	1195	98.7%
Mater Misericordiae University Hospital ICU	829	*	*	~	*	804	99.4%
Our Lady of Lourdes Hospital Drogheda ICU	411	*	*	~	*	405	98.5%
St James's Hospital Cardiothoracic ICU	238	*	*	~	*	232	97.9%
St James's Hospital General ICU	996	981	98.5%	16	1.6%	962	98.1%
Tallaght University Hospital ICU	275	*	*	~	*	266	98.5%
University Hospital Galway ICU	1163	1121	96.4%	34	3.0%	1086	96.9%
University Hospital Limerick ICU	427	421	98.6%	10	2.4%	411	97.6%
University Hospital Waterford ICU	339	*	*	~	*	302	98.4%
Regional Hospital Mullingar ICU	368	360	97.8%	8	2.2%	351	97.5%
Wexford General Hospital ICU	301	*	*	~	*	279	98.9%
Connolly Hospital ICU	344	*	*	~	*	340	98.8%
Midland Regional Hospital Tullamore ICU	240	236	98.3%	13	5.5%	223	94.5%
Naas General Hospital ICU	167	159	95.2%	15	9.4%	144	90.6%
St Luke's General Hospital Carlow/Kilkenny ICU	217	195	89.9%	9	4.6%	186	95.4%
St Vincent's University Hospital ICU	671	655	97.6%	9	1.4%	645	98.5%
Cork University Hospital Cardiothoracic ICU	609	602	98.9%	8	1.3%	594	98.7%
Cork University Hospital General ICU	608	564	92.8%	6	1.1%	555	98.4%
Letterkenny University Hospital ICU	307	293	95.4%	7	2.4%	286	97.6%
Tipperary University Hospital Clonmel ICU	195	*	*	~	*	182	96.8%
University Hospital Kerry ICU	68	*	*	~	*	68	100.0%
Cavan General Hospital ICU	228	*	*	~	*	205	98.6%
Mercy University Hospital Cork ICU	311	309	99.4%	8	2.6%	301	97.4%
Sligo University Hospital ICU	294	279	94.9%	12	4.3%	267	95.7%
National	12141	11676	96.2%	233	2.0%	11416	97.8%

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

² The above table includes data that have been presented in table 7.1 and 7.2, in addition to the data presented in figure 7.10.

FIGURE 7.10: PERCENTAGE OF PATIENTS TESTED FOR EACH MULTIDRUG-RESISTANT ORGANISM IN EACH UNIT (VANCOMYCIN-RESISTANT ENTEROCOCCI)³

Unit	Admissions with complete infection data	Samples taken (percentage of all admissions)			VRE on admission (percentage of admissions tested)		No VRE (percentage of admissions tested)	
		N	N	%	N	%	N	%
Beaumont Hospital General ICU	854	358	41.9%	46	12.8%	287	80.2%	
Beaumont Hospital (Richmond) Neurosurgical ICU	340	148	43.5%	6	4.1%	135	91.2%	
Mater Misericordiae University Hospital HDU	1341	1190	88.7%	131	11.0%	1045	87.8%	
Mater Misericordiae University Hospital ICU	829	774	93.4%	68	8.8%	678	87.6%	
Our Lady of Lourdes Hospital Drogheda ICU	411	411	100.0%	17	4.1%	383	93.2%	
St James's Hospital Cardiothoracic ICU	238	222	93.3%	30	13.5%	167	75.2%	
St James's Hospital General ICU	996	805	80.8%	114	14.2%	621	77.1%	
Tallaght University Hospital ICU	275	270	98.2%	41	15.2%	217	80.4%	
University Hospital Galway ICU	1163	1091	93.8%	116	10.6%	966	88.5%	
University Hospital Limerick ICU	427	417	97.7%	36	8.6%	365	87.5%	
University Hospital Waterford ICU	339	273	80.5%	31	11.4%	227	83.2%	
Regional Hospital Mullingar ICU	368	349	94.8%	19	5.4%	317	90.8%	
Wexford General Hospital ICU	301	243	80.7%	13	5.3%	229	94.2%	
Connolly Hospital ICU	344	344	100.0%	16	4.7%	322	93.6%	
Midland Regional Hospital Tullamore ICU	240	238	99.2%	50	21.0%	181	76.1%	
Naas General Hospital ICU	167	142	85.0%	36	25.4%	97	68.3%	
St Luke's General Hospital Carlow/Kilkenny ICU	217	192	88.5%	27	14.1%	159	82.8%	
St Vincent's University Hospital ICU	671	649	96.7%	173	26.7%	415	63.9%	
Cork University Hospital Cardiothoracic ICU	609	591	97.0%	39	6.6%	542	91.7%	
Cork University Hospital General ICU	608	511	84.0%	46	9.0%	423	82.8%	
Letterkenny University Hospital ICU	307	*	*	~	*	~	*	
Tipperary University Hospital Clonmel ICU	195	185	94.9%	16	8.6%	166	89.7%	
University Hospital Kerry ICU	68	58	85.3%	9	15.5%	47	81.0%	
Cavan General Hospital ICU	228	201	88.2%	12	6.0%	182	90.5%	
Mercy University Hospital Cork ICU	311	275	88.4%	17	6.2%	247	89.8%	
Sligo University Hospital ICU	294	277	94.2%	12	4.3%	263	94.9%	
National	12141	10223	84.2%	1123	11.0%	8683	84.9%	

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

³ The above table includes data that have been presented in table 7.1 and 7.2, in addition to the data presented in figure 7.10.

FIGURE 7.10: PERCENTAGE OF PATIENTS TESTED FOR EACH MULTIDRUG-RESISTANT ORGANISM IN EACH UNIT (CARBAPENEMASE-PRODUCING *ENTEROBACTERIALES*)⁴

Unit	Admissions with complete infection data	Samples taken (percentage of all admissions)		CPE on admission (percentage of admissions tested)		No CPE (percentage of admissions tested)	
		N	%	N	%	N	%
Beaumont Hospital General ICU	854	*	*	~	*	829	99.5%
Beaumont Hospital (Richmond) Neurosurgical ICU	340	*	*	~	*	335	99.7%
Mater Misericordiae University Hospital HDU	1341	*	*	~	*	1217	99.6%
Mater Misericordiae University Hospital ICU	829	*	*	~	*	794	99.7%
Our Lady of Lourdes Hospital Drogheda ICU	411	*	*	~	*	409	99.5%
St James's Hospital Cardiothoracic ICU	238	*	*	~	*	234	99.6%
St James's Hospital General ICU	996	*	*	~	*	941	99.4%
Tallaght University Hospital ICU	275	*	*	~	*	271	99.6%
University Hospital Galway ICU	1163	1105	95.0%	13	1.2%	1091	98.7%
University Hospital Limerick ICU	427	*	*	~	*	413	99.0%
University Hospital Waterford ICU	339	*	*	~	*	288	99.7%
Regional Hospital Mullingar ICU	368	*	*	~	*	349	99.7%
Wexford General Hospital ICU	301	*	*	~	*	252	99.6%
Connolly Hospital ICU	344	*	*	~	*	342	99.4%
Midland Regional Hospital Tullamore ICU	240	*	*	~	*	236	100.0%
Naas General Hospital ICU	167	*	*	~	*	156	100.0%
St Luke's General Hospital Carlow/Kilkenny ICU	217	*	*	~	*	194	99.0%
St Vincent's University Hospital ICU	671	*	*	~	*	646	99.4%
Cork University Hospital Cardiothoracic ICU	609	*	*	~	*	590	99.5%
Cork University Hospital General ICU	608	*	*	~	*	511	99.8%
Letterkenny University Hospital ICU	307	*	*	~	*	281	99.6%
Tipperary University Hospital Clonmel ICU	195	*	*	~	*	187	99.5%
University Hospital Kerry ICU	68	*	*	~	*	61	100.0%
Cavan General Hospital ICU	228	*	*	~	*	203	99.0%
Mercy University Hospital Cork ICU	311	*	*	~	*	308	99.7%
Sligo University Hospital ICU	294	*	*	~	*	274	98.6%
National	12141	11476	94.5%	44	0.4%	11412	99.4%

~ Denotes five cases or fewer

* Further suppression required to prevent disclosure of five cases or fewer.

⁴ The above table includes data that have been presented in table 7.1 and 7.2, in addition to the data presented in figure 7.10.

FIGURES 10.1, 10.2 AND 10.3: CRITICAL CARE TRANSFERS-IN TO EACH UNIT

Unit	Transfers-in		Transfers-in from another ICU		Total admissions
	N	%	N	%	
Beaumont Hospital General ICU	110	12.9%	60	7.0%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	67	19.7%	30	8.8%	340
Mater Misericordiae University Hospital HDU	31	2.3%	10	0.7%	1341
Mater Misericordiae University Hospital ICU	98	11.8%	72	8.7%	829
Our Lady of Lourdes Hospital Drogheda ICU	23	5.6%	9	2.2%	411
St James's Hospital Cardiothoracic ICU	17	7.1%	6	2.5%	238
St James's Hospital General ICU	99	9.9%	45	4.5%	996
Tallaght University Hospital ICU	24	8.7%	13	4.7%	275
University Hospital Galway ICU	130	11.2%	98	8.4%	1163
University Hospital Limerick ICU	25	5.9%	12	2.8%	427
University Hospital Waterford ICU	16	4.7%	~	*	339
Regional Hospital Mullingar ICU	22	6.0%	7	1.9%	368
Wexford General Hospital ICU	7	2.3%	7	2.3%	301
Connolly Hospital ICU	10	2.9%	7	2.0%	344
Midland Regional Hospital Tullamore ICU	14	5.8%	10	4.2%	240
Naas General Hospital ICU	8	4.8%	6	3.6%	167
St Luke's General Hospital Carlow/Kilkenny ICU	6	2.8%	~	*	217
St Vincent's University Hospital ICU	83	12.4%	21	3.1%	671
Cork University Hospital Cardiothoracic ICU	11	1.8%	~	*	609
Cork University Hospital General ICU	52	8.4%	15	2.4%	618
Letterkenny University Hospital ICU	19	6.2%	15	4.9%	307
Tipperary University Hospital Clonmel ICU	~	*	~	*	195
University Hospital Kerry ICU	~	*	~	*	68
Cavan General Hospital ICU	11	4.8%	10	4.4%	228
Mercy University Hospital Cork ICU	9	2.9%	6	1.9%	311
Sligo University Hospital ICU	13	4.4%	11	3.7%	294
National	913	7.5%	486	4.0%	12151

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURES 10.4 AND 10.5: CRITICAL CARE TRANSFERS-OUT FROM EACH UNIT DIRECTLY TO ANOTHER INTENSIVE CARE UNIT

Unit	Transfers OUT		Transfers OUT to another ICU		Unit survivors
	N	%	N	%	
Beaumont Hospital General ICU	49	7.1%	36	5.2%	688
Beaumont Hospital (Richmond) Neurosurgical ICU	22	7.4%	20	6.7%	298
Mater Misericordiae University Hospital HDU	22	1.7%	15	1.2%	1290
Mater Misericordiae University Hospital ICU	30	4.3%	26	3.7%	700
Our Lady of Lourdes Hospital Drogheda ICU	24	7.7%	19	6.1%	313
St James's Hospital Cardiothoracic ICU	~	*	~	*	221
St James's Hospital General ICU	38	4.8%	25	3.2%	789
Tallaght University Hospital ICU	10	4.3%	10	4.3%	230
University Hospital Galway ICU	44	4.2%	40	3.9%	1036
University Hospital Limerick ICU	18	5.6%	15	4.7%	319
University Hospital Waterford ICU	14	5.0%	6	2.1%	282
Regional Hospital Mullingar ICU	29	8.9%	17	5.2%	325
Wexford General Hospital ICU	28	11.2%	25	10.0%	251
Connolly Hospital ICU	21	7.9%	20	7.5%	265
Midland Regional Hospital Tullamore ICU	11	5.9%	11	5.9%	187
Naas General Hospital ICU	17	13.3%	17	13.3%	128
St Luke's General Hospital Carlow/Kilkenny ICU	20	10.6%	17	9.0%	188
St Vincent's University Hospital ICU	27	5.7%	11	2.3%	474
Cork University Hospital Cardiothoracic ICU	~	*	~	*	590
Cork University Hospital General ICU	28	6.2%	18	4.0%	452
Letterkenny University Hospital ICU	42	17.4%	41	17.0%	241
Tipperary University Hospital Clonmel ICU	16	9.9%	15	9.3%	161
University Hospital Kerry ICU	~	*	~	*	52
Cavan General Hospital ICU	32	16.3%	24	12.2%	196
Mercy University Hospital Cork ICU	11	4.5%	9	3.6%	247
Sligo University Hospital ICU	25	10.6%	21	8.9%	236
National	591	5.8%	466	4.6%	10159

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURE 10.6: NUMBERS OF CRITICALLY ILL PATIENTS TRANSFERRED IN, BY RECEIVING SPECIALTY

Specialty	Transfers-in	
	N	%
Respiratory medicine	144	15.8%
Neurosurgery	117	12.8%
General medicine	100	11.0%
Infectious diseases	63	6.9%
General surgery	59	6.5%
Neurology	59	6.5%
Nephrology	54	5.9%
Cardiology	52	5.7%
Trauma & orthopaedics	30	3.3%
Gastroenterology	21	2.3%
Colorectal surgery	19	2.1%
Vascular surgery	19	2.1%
Cardiothoracic surgery	18	2.0%
Critical care medicine	18	2.0%
Urology	14	1.5%
ENT	13	1.4%
Hepatology	13	1.4%
Gynaecology	12	1.3%
Stroke medicine	12	1.3%
Cardiac surgery	11	1.2%
Burns care	10	1.1%
Plastic surgery	10	1.1%
Obstetrics	7	0.8%
Upper gastrointestinal surgery	7	0.8%
Clinical haematology	6	0.7%
Medical oncology	~	*
Endocrinology	~	*
Hepatobiliary & pancreatic surgery	~	*
Spinal injuries	~	*
Thoracic surgery	~	*
Geriatric medicine	~	*
Rheumatology	~	*
Gynaecological oncology	~	*
Maxillo-facial surgery	~	*
Spinal surgery service	~	*
National	913	100.0%

~ Denotes five cases or fewer

* Further suppression required to prevent disclosure of five cases or fewer.

FIGURE 10.7: NUMBERS OF CRITICALLY ILL PATIENTS TRANSFERRED OUT TO ANOTHER INTENSIVE CARE UNIT FROM EACH SPECIALTY

Specialty	Transfers-out	
	N	%
Respiratory medicine	115	24.7%
General medicine	69	14.8%
Neurosurgery	52	11.2%
Neurology	43	9.2%
General surgery	31	6.7%
Infectious diseases	22	4.7%
Trauma & orthopaedics	21	4.5%
Cardiology	16	3.4%
Gastroenterology	14	3.0%
Nephrology	11	2.4%
Paediatrics	10	2.1%
Colorectal surgery	7	1.5%
ENT	6	1.3%
Genitourinary medicine	6	1.3%
Stroke medicine	~	*
Cardiothoracic surgery	~	*
Geriatric medicine	~	*
Paediatric respiratory medicine	~	*
Vascular surgery	~	*
Hepatology	~	*
Clinical haematology	~	*
Gynaecology	~	*
Upper gastrointestinal surgery	~	*
Burns care	~	*
Cardiac surgery	~	*
Critical care medicine	~	*
Diabetic medicine	~	*
Endocrinology	~	*
Hepatobiliary & pancreatic surgery	~	*
Maxillo-facial surgery	~	*
Medical oncology	~	*
Obstetrics	~	*
Paediatric intensive care	~	*
Plastic surgery	~	*
Spinal injuries	~	*
Thoracic surgery	~	*

Specialty	Transfers-out	
	N	%
National	466	100.0%

~ Denotes five cases or fewer.

* Further suppression required to prevent disclosure of five cases or fewer.

Appendix 2: Additional Tables

MEAN AGE OF PATIENTS IN EACH UNIT

Unit	Mean age (years)
Beaumont Hospital General ICU	58
Beaumont Hospital (Richmond) Neurosurgical ICU	55
Mater Misericordiae University Hospital HDU	61
Mater Misericordiae University Hospital ICU	58
Our Lady of Lourdes Hospital Drogheda ICU	62
St James's Hospital Cardiothoracic ICU	63
St James's Hospital General ICU	60
Tallaght University Hospital ICU	62
University Hospital Galway ICU	60
University Hospital Limerick ICU	60
University Hospital Waterford ICU	61
Regional Hospital Mullingar ICU	60
Wexford General Hospital ICU	60
Connolly Hospital ICU	58
Midland Regional Hospital Tullamore ICU	64
Naas General Hospital ICU	64
St Luke's General Hospital Carlow/Kilkenny ICU	60
St Vincent's University Hospital ICU	63
Cork University Hospital Cardiothoracic ICU	66
Cork University Hospital General ICU	59
Letterkenny University Hospital ICU	59
Tipperary University Hospital Clonmel ICU	61
University Hospital Kerry ICU	66
Cavan General Hospital ICU	59
Mercy University Hospital Cork ICU	64
Sligo University Hospital ICU	62
National	61

SEX DISTRIBUTION IN EACH UNIT

Unit	Male		Female		Total
	N	%	N	%	
Beaumont Hospital General ICU	532	62.3%	322	37.7%	854
Beaumont Hospital (Richmond) Neurosurgical ICU	208	61.2%	132	38.8%	340
Mater Misericordiae University Hospital HDU	774	57.7%	567	42.3%	1341
Mater Misericordiae University Hospital ICU	561	67.7%	268	32.3%	829
Our Lady of Lourdes Hospital Drogheda ICU	227	55.2%	184	44.8%	411
St James's Hospital Cardiothoracic ICU	184	77.3%	54	22.7%	238
St James's Hospital General ICU	601	60.3%	395	39.7%	996
Tallaght University Hospital ICU	176	64.0%	99	36.0%	275
University Hospital Galway ICU	703	60.4%	460	39.6%	1163
University Hospital Limerick ICU	250	58.5%	177	41.5%	427
University Hospital Waterford ICU	194	57.2%	145	42.8%	339
Regional Hospital Mullingar ICU	213	57.9%	155	42.1%	368
Wexford General Hospital ICU	160	53.2%	141	46.8%	301
Connolly Hospital ICU	196	57.0%	148	43.0%	344
Midland Regional Hospital Tullamore ICU	143	59.6%	97	40.4%	240
Naas General Hospital ICU	96	57.5%	71	42.5%	167
St Luke's General Hospital Carlow/Kilkenny ICU	119	54.8%	98	45.2%	217
St Vincent's University Hospital ICU	367	54.7%	304	45.3%	671
Cork University Hospital Cardiothoracic ICU	440	72.2%	169	27.8%	609
Cork University Hospital General ICU	366	59.2%	252	40.8%	618
Letterkenny University Hospital ICU	169	55.0%	138	45.0%	307
Tipperary University Hospital Clonmel ICU	107	54.9%	88	45.1%	195
University Hospital Kerry ICU	42	61.8%	26	38.2%	68
Cavan General Hospital ICU	130	57.0%	98	43.0%	228
Mercy University Hospital Cork ICU	184	59.2%	127	40.8%	311
Sligo University Hospital ICU	165	56.1%	129	43.9%	294
National	7307	60.1%	4844	39.9%	12151

Appendix 3: ICU Audit Governance Committee Membership

ICU AUDIT GOVERNANCE COMMITTEE MEMBERSHIP AND MEETING ATTENDANCE 2021							
Representative	Name	04/03/21	13/05/21	10/06/21	30/09/21	09/12/21	Total for 2021
Irish National ICU Audit Manager	Mary Baggot	✓	✓	✓	✓	✓	5/5
Audit Coordinator & Data Manager, CHI at Crumlin	Erika Brereton	✓	✓	x	✓	✓	4/5
College of Anaesthetists of Ireland	Dr Kevin Clarkson	n/a	n/a	✓	✓	✓	3/3
HSE Office of the Nursing and Midwifery Services Director	Derek Cribbin	✓	x	✓	✓	x	3/5
Irish National ICU Audit Clinical Lead	Dr Rory Dwyer	✓	✓	✓	✓	✓	5/5
Public Patient Interest Representative	Barbara Egan	✓	✓	✓	✓	✓	5/5
IPCCA Clinical Lead	Dr Martina Healy	x	✓	✓	✓	✓	4/5
Royal College of Surgeons Ireland	Prof David Healy	x	x	x	x	x	0/5
Joint Faculty of Intensive Care Medicine in Ireland	Dr Brian Marsh	x	Chair	Chair	Chair	Chair	4/5
Intensive Care Society of Ireland	Dr Catherine Motherway	Chair	x	✓	✓	✓	4/5
Public & Patient Interest Representative	Damien Nee	✓	✓	✓	✓	✓	5/5
Public & Patient Interest Representative	Gillian Nevin	n/a	✓	✓	✓	x	3/4
Royal College of Physicians in Ireland	Dr Oisin O'Connell	✓	x	✓	x	x	2/5
ICU Audit Coordinator Nurse Representative	Magdalena Pecak	✓	✓	✓	✓	✓	5/5
HSE Critical Care Programme	Dr Michael Power	x	x	x	✓	✓	2/5
Irish National ICU Audit & ICU-BIS Manager	Fionnuala Treanor	✓	✓	x	✓	✓	4/5
NOCA Executive Director	Collette Tully	✓	✓	✓	✓	✓	5/5
Irish Association of Directors of Nursing and Midwifery	Eileen Whelan	✓	x	x	✓	✓	3/5
Attended = ✓							
X = Not attended							
n/a = Not applicable							