

IRISH NATIONAL ICU AUDIT ANNUAL REPORT

Data from 1st January 2023 to 31st December 2023

APPENDICES



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Appendix 1: Frequency tables

FIGURE 4.2: ADMISSIONS TO EACH UNIT AS A PERCENTAGE OF ALL UNIT ADMISSIONS: (1) FROM A NONTHEATRE LOCATION; (2) DIRECTLY FROM OT AFTER ELECTIVE/SCHEDULED SURGERY; AND (3) DIRECTLY FROM OT AFTER EMERGENCY/URGENT SURGERY

Unit	Non-surgical		Elective/ scheduled surgery		Emergency/ urgent surgery		Total admissions
	n	%	n	%	n	%	N
Beaumont Hospital General ICU	685	61.9%	198	17.9%	224	20.2%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	156	42.4%	63	17.1%	149	40.5%	368
Mater Misericordiae University Hospital HDU	712	53.2%	571	42.6%	56	4.2%	1339
Mater Misericordiae University Hospital ICU	464	42.5%	491	45.0%	137	12.5%	1092
Our Lady of Lourdes Hospital Drogheda ICU	355	80.7%	44	10.0%	41	9.3%	440
St James's Hospital Cardiothoracic ICU	30	9.6%	267	85.3%	16	5.1%	313
St James's Hospital General ICU	646	62.7%	273	26.5%	111	10.8%	1030
Tallaght University Hospital ICU *	453	63.0%	153	21.3%	113	15.7%	719
University Hospital Galway ICU	717	68.5%	171	16.3%	159	15.2%	1047
University Hospital Limerick ICU	365	76.0%	32	6.7%	83	17.3%	480
University Hospital Waterford ICU	362	57.8%	119	19.0%	145	23.2%	626
Regional Hospital Mullingar ICU	301	69.5%	75	17.3%	57	13.2%	433
Wexford General Hospital ICU **	111	76.6%	15	10.3%	19	13.1%	145
Connolly Hospital ICU	216	77.1%	33	11.8%	31	11.1%	280
Midland Regional Hospital Tullamore ICU	243	77.1%	55	17.5%	17	5.4%	315
Naas General Hospital ICU	124	79.5%	§	§	§	§	156
St Luke's General Hospital Carlow/Kilkenny ICU	295	80.4%	15	4.1%	57	15.5%	367
St Vincent's University Hospital ICU	624	78.2%	23	2.9%	151	18.9%	798
Cork University Hospital Cardiothoracic ICU	51	8.3%	524	85.3%	39	6.4%	614
Cork University Hospital General ICU	464	65.7%	62	8.8%	180	25.5%	706
Letterkenny University Hospital ICU	301	81.1%	7	1.9%	63	17.0%	371
Tipperary University Hospital Clonmel ICU	140	63.3%	47	21.3%	34	15.4%	221
University Hospital Kerry Tralee ICU *	142	76.8%	8	4.3%	35	18.9%	185
Cavan General Hospital ICU	194	71.3%	23	8.5%	55	20.2%	272
Mercy University Hospital Cork ICU	121	32.4%	171	45.8%	81	21.7%	373
Sligo University Hospital ICU	236	69.2%	40	11.7%	65	19.1%	341
Mayo University Hospital ICU	351	78.3%	43	9.6%	54	12.1%	448
Portlinculla University Hospital ICU	315	78.0%	46	11.4%	43	10.6%	404
Midland Regional Hospital Portlaoise ICU **	152	93.8%	§	§	~	§	162
National	9326	61.5%	3584	23.7%	2242	14.8%	15152

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 4.4: PATIENTS WITH AKI DURING THE FIRST 24 HOURS AFTER ADMISSION TO THE ICU (KDIGO (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	%	N
Beaumont Hospital General ICU	176	15.9%	215	19.4%	178	16.1%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	29	7.9%	24	6.5%	10	2.7%	368
Mater Misericordiae University Hospital HDU	238	17.8%	226	16.9%	108	8.1%	1339
Mater Misericordiae University Hospital ICU	189	17.3%	157	14.4%	143	13.1%	1092
Our Lady of Lourdes Hospital Drogheda ICU	75	17.0%	94	21.4%	66	15.0%	440
St James's Hospital Cardiothoracic ICU	37	11.8%	32	10.2%	§	§	313
St James's Hospital General ICU	178	17.3%	219	21.3%	132	12.8%	1030
Tallaght University Hospital ICU *	127	17.7%	144	20.0%	121	16.8%	719
University Hospital Galway ICU	197	18.8%	260	24.8%	140	13.4%	1047
University Hospital Limerick ICU	68	14.2%	128	26.7%	99	20.6%	480
University Hospital Waterford ICU	108	17.3%	154	24.6%	96	15.3%	626
Regional Hospital Mullingar ICU	83	19.2%	73	16.9%	41	9.5%	433
Wexford General Hospital ICU **	43	29.7%	24	16.6%	20	13.8%	145
Connolly Hospital ICU	48	17.1%	59	21.1%	45	16.1%	280
Midland Regional Hospital Tullamore ICU	62	19.7%	59	18.7%	62	19.7%	315
Naas General Hospital ICU	32	20.5%	31	19.9%	17	10.9%	156
St Luke's General Hospital Carlow/Kilkenny ICU	72	19.6%	77	21.0%	50	13.6%	367
St Vincent's University Hospital ICU	134	16.8%	223	27.9%	169	21.2%	798
Cork University Hospital Cardiothoracic ICU	91	14.8%	70	11.4%	16	2.6%	614
Cork University Hospital General ICU	111	15.7%	157	22.2%	153	21.7%	706
Letterkenny University Hospital ICU	78	21.0%	86	23.2%	70	18.9%	371
Tipperary University Hospital Clonmel ICU	48	21.7%	45	20.4%	26	11.8%	221
University Hospital Kerry Tralee ICU *	29	15.7%	27	14.6%	29	15.7%	185
Cavan General Hospital ICU	53	19.5%	69	25.4%	40	14.7%	272
Mercy University Hospital Cork ICU	76	20.4%	101	27.1%	37	9.9%	373
Sligo University Hospital ICU	54	15.8%	79	23.2%	57	16.7%	341
Mayo University Hospital ICU	81	18.1%	88	19.6%	91	20.3%	448
Portiuncula University Hospital ICU	75	18.6%	110	27.2%	45	11.1%	404
Midland Regional Hospital Portlaoise ICU **	43	26.5%	22	13.6%	~	§	162
National	2635	17.4%	3053	20.1%	2075	13.7%	15152

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 4.5: ADMISSIONS TO THE UNIT WITH A DIAGNOSIS OF SEPSIS (SEPSIS-3) WITH DYSFUNCTION IN: (1) THREE OR FEWER OR (2) FOUR OR MORE ORGAN SYSTEMS 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	%	N
Beaumont Hospital General ICU	354	32.0%	34	3.1%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	28	7.6%	~	§	368
Mater Misericordiae University Hospital HDU	339	25.3%	20	1.5%	1339
Mater Misericordiae University Hospital ICU	224	20.5%	36	3.3%	1092
Our Lady of Lourdes Hospital Drogheda ICU	173	39.3%	30	6.8%	440
St James's Hospital Cardiothoracic ICU	23	7.3%	0	0.0%	313
St James's Hospital General ICU	290	28.2%	31	3.0%	1030
Tallaght University Hospital ICU *	193	26.8%	18	2.5%	719
University Hospital Galway ICU	244	23.3%	33	3.2%	1047
University Hospital Limerick ICU	159	33.1%	28	5.8%	480
University Hospital Waterford ICU	168	26.8%	20	3.2%	626
Regional Hospital Mullingar ICU	141	32.6%	19	4.4%	433
Wexford General Hospital ICU **	48	33.1%	8	5.5%	145
Connolly Hospital ICU	118	42.1%	20	7.1%	280
Midland Regional Hospital Tullamore ICU	121	38.4%	14	4.4%	315
Naas General Hospital ICU	77	49.4%	~	§	156
St Luke's General Hospital Carlow/Kilkenny ICU	156	42.5%	17	4.6%	367
St Vincent's University Hospital ICU	296	37.1%	42	5.3%	798
Cork University Hospital Cardiothoracic ICU	34	5.5%	~	§	614
Cork University Hospital General ICU	266	37.7%	49	6.9%	706
Letterkenny University Hospital ICU	170	45.8%	19	5.1%	371
Tipperary University Hospital Clonmel ICU	73	33.0%	7	3.2%	221
University Hospital Kerry Tralee ICU *	87	47.0%	6	3.2%	185
Cavan General Hospital ICU	102	37.5%	13	4.8%	272
Mercy University Hospital Cork ICU	87	23.3%	10	2.7%	373
Sligo University Hospital ICU	129	37.8%	10	2.9%	341
Mayo University Hospital ICU	108	24.1%	13	2.9%	448
Portiuncula University Hospital ICU	122	30.2%	22	5.4%	404
Midland Regional Hospital Portlaoise ICU **	46	28.4%	~	§	162
National	4376	28.9%	531	3.5%	15152

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

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

Unit	In-hospital CPR		Community CPR		Total admissions
	n	%	n	%	N
Beaumont Hospital General ICU	34	3.1%	38	3.4%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	~	§	~	§	368
Mater Misericordiae University Hospital HDU	~	§	0	0.0%	1339
Mater Misericordiae University Hospital ICU	29	2.7%	39	3.6%	1092
Our Lady of Lourdes Hospital Drogheda ICU	10	2.3%	17	3.9%	440
St James's Hospital Cardiothoracic ICU	~	§	0	0.0%	313
St James's Hospital General ICU	38	3.7%	55	5.3%	1030
Tallaght University Hospital ICU *	17	2.4%	23	3.2%	719
University Hospital Galway ICU	25	2.4%	31	3.0%	1047
University Hospital Limerick ICU	24	5.0%	22	4.6%	480
University Hospital Waterford ICU	18	2.9%	10	1.6%	626
Regional Hospital Mullingar ICU	10	2.3%	15	3.5%	433
Wexford General Hospital ICU **	~	§	~	§	145
Connolly Hospital ICU	17	6.1%	21	7.5%	280
Midland Regional Hospital Tullamore ICU	9	2.9%	10	3.2%	315
Naas General Hospital ICU	14	9.0%	7	4.5%	156
St Luke's General Hospital Carlow/Kilkenny ICU	12	3.3%	10	2.7%	367
St Vincent's University Hospital ICU	33	4.1%	28	3.5%	798
Cork University Hospital Cardiothoracic ICU	~	§	~	§	614
Cork University Hospital General ICU	37	5.2%	59	8.4%	706
Letterkenny University Hospital ICU	17	4.6%	~	§	371
Tipperary University Hospital Clonmel ICU	9	4.1%	7	3.2%	221
University Hospital Kerry Tralee ICU *	8	4.3%	0	0.0%	185
Cavan General Hospital ICU	~	§	~	§	272
Mercy University Hospital Cork ICU	14	3.8%	~	§	373
Sligo University Hospital ICU	7	2.1%	9	2.6%	341
Mayo University Hospital ICU	23	5.1%	8	1.8%	448
Portlincula University Hospital ICU	~	§	6	1.5%	404
Midland Regional Hospital Portlaoise ICU **	~	§	~	§	162
National	424	2.8%	441	2.9%	15152

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 4.7A: UNIT ADMISSIONS WITH SEVERE LIVER DISEASE, AS A PERCENTAGE OF ALL ADMISSIONS

Unit	Severe liver disease		Admissions with full medical history†
	n	%	n
Beaumont Hospital General ICU	48	4.3%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	7	1.9%	367
Mater Misericordiae University Hospital HDU	50	3.7%	1335
Mater Misericordiae University Hospital ICU	33	3.0%	1089
Our Lady of Lourdes Hospital Drogheda ICU	29	6.6%	440
St James's Hospital Cardiothoracic ICU	~	§	313
St James's Hospital General ICU	71	6.9%	1029
Tallaght University Hospital ICU *	23	3.2%	719
University Hospital Galway ICU	44	4.2%	1047
University Hospital Limerick ICU	17	3.5%	480
University Hospital Waterford ICU	17	2.7%	626
Regional Hospital Mullingar ICU	6	1.4%	432
Wexford General Hospital ICU **	6	4.2%	144
Connolly Hospital ICU	13	4.6%	280
Midland Regional Hospital Tullamore ICU	25	8.0%	314
Naas General Hospital ICU	7	4.5%	156
St Luke's General Hospital Carlow/Kilkenny ICU	25	6.8%	367
St Vincent's University Hospital ICU	29	3.6%	798
Cork University Hospital Cardiothoracic ICU	8	1.3%	613
Cork University Hospital General ICU	41	5.8%	706
Letterkenny University Hospital ICU	15	4.0%	371
Tipperary University Hospital Clonmel ICU	~	§	221
University Hospital Kerry Tralee ICU *	12	6.5%	185
Cavan General Hospital ICU	9	3.3%	271
Mercy University Hospital Cork ICU	23	6.2%	372
Sligo University Hospital ICU	9	2.6%	341
Mayo University Hospital ICU	30	6.7%	447
Portlincula University Hospital ICU	17	4.2%	404
Midland Regional Hospital Portlaoise ICU **	~	§	161
National	625	4.1%	15135

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

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

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

Unit	Severe liver disease		Number of patients
	n	%	n
Beaumont Hospital General ICU	23	52.3%	44
Beaumont Hospital (Richmond) Neurosurgical ICU	~	§	6
Mater Misericordiae University Hospital HDU	7	14.6%	48
Mater Misericordiae University Hospital ICU	10	32.3%	31
Our Lady of Lourdes Hospital Drogheda ICU	14	51.9%	27
St James's Hospital General ICU	25	36.8%	68
Tallaght University Hospital ICU *	13	56.5%	23
University Hospital Galway ICU	12	28.6%	42
University Hospital Limerick ICU	7	43.8%	16
University Hospital Waterford ICU	7	41.2%	17
Regional Hospital Mullingar ICU	0	0.0%	6
Wexford General Hospital ICU **	~	§	6
Connolly Hospital ICU	~	§	12
Midland Regional Hospital Tullamore ICU	14	63.6%	22
Naas General Hospital ICU	6	85.7%	7
St Luke's General Hospital Carlow/Kilkenny ICU	9	37.5%	24
St Vincent's University Hospital ICU	12	41.4%	29
Cork University Hospital Cardiothoracic ICU	~	§	8
Cork University Hospital General ICU	19	47.5%	40
Letterkenny University Hospital ICU	6	42.9%	14
University Hospital Kerry Tralee ICU *	~	§	11
Cavan General Hospital ICU	~	§	8
Mercy University Hospital Cork ICU	~	§	21
Sligo University Hospital ICU	~	§	8
Mayo University Hospital ICU	7	25.0%	28
Portiuncula University Hospital ICU	~	§	14
National	220	37.3%	590

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 4.8A: UNIT ADMISSIONS WITH HAEMATOLOGICAL MALIGNANCY, AS A PERCENTAGE OF ALL ADMISSIONS

Unit	Haematological malignancy		Admissions with full medical history†
	n	%	n
Beaumont Hospital General ICU	30	2.7%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	6	1.6%	367
Mater Misericordiae University Hospital HDU	44	3.3%	1335
Mater Misericordiae University Hospital ICU	27	2.5%	1089
Our Lady of Lourdes Hospital Drogheda ICU	14	3.2%	440
St James's Hospital Cardiothoracic ICU	~	§	313
St James's Hospital General ICU	53	5.2%	1029
Tallaght University Hospital ICU *	26	3.6%	719
University Hospital Galway ICU	56	5.3%	1047
University Hospital Limerick ICU	11	2.3%	480
University Hospital Waterford ICU	24	3.8%	626
Regional Hospital Mullingar ICU	11	2.5%	432
Wexford General Hospital ICU **	~	§	144
Connolly Hospital ICU	~	§	280
Midland Regional Hospital Tullamore ICU	24	7.6%	314
Naas General Hospital ICU	~	§	156
St Luke's General Hospital Carlow/Kilkenny ICU	11	3.0%	367
St Vincent's University Hospital ICU	23	2.9%	798
Cork University Hospital Cardiothoracic ICU	6	1.0%	613
Cork University Hospital General ICU	18	2.5%	706
Letterkenny University Hospital ICU	18	4.9%	371
Tipperary University Hospital Clonmel ICU	~	§	221
University Hospital Kerry Tralee ICU *	9	4.9%	185
Cavan General Hospital ICU	~	§	271
Mercy University Hospital Cork ICU	27	7.2%	373
Sligo University Hospital ICU	10	2.9%	341
Mayo University Hospital ICU	17	3.8%	447
Portlincula University Hospital ICU	6	1.5%	404
Midland Regional Hospital Portlaoise ICU **	6	3.7%	161
National	495	3.3%	15136

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

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

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

Unit	Haematological malignancy		Number of patients
	n	%	n
Beaumont Hospital General ICU	14	51.9%	27
Mater Misericordiae University Hospital HDU	15	37.5%	40
Mater Misericordiae University Hospital ICU	~	§	23
Our Lady of Lourdes Hospital Drogheda ICU	6	50.0%	12
St James's Hospital General ICU	17	37.0%	46
Tallaght University Hospital ICU *	8	36.4%	22
University Hospital Galway ICU	13	25.5%	51
University Hospital Limerick ICU	~	§	11
University Hospital Waterford ICU	11	45.8%	24
Regional Hospital Mullingar ICU	~	§	11
Wexford General Hospital ICU **	~	§	5
Midland Regional Hospital Tullamore ICU	~	§	20
St Luke's General Hospital Carlow/Kilkenny ICU	~	§	9
St Vincent's University Hospital ICU	9	45.0%	20
Cork University Hospital Cardiothoracic ICU	~	§	5
Cork University Hospital General ICU	8	44.4%	18
Letterkenny University Hospital ICU	6	35.3%	17
University Hospital Kerry Tralee ICU *	~	§	9
Cavan General Hospital ICU	~	§	5
Mercy University Hospital Cork ICU	~	§	25
Sligo University Hospital ICU	~	§	9
Mayo University Hospital ICU	~	§	16
Portiuncula University Hospital ICU	~	§	6
Midland Regional Hospital Portlaoise ICU **	~	§	6
National	150	33.6%	447

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 4.9A: UNIT ADMISSIONS WITH METASTATIC DISEASE, AS A PERCENTAGE OF ALL UNIT ADMISSIONS

Unit	Metastatic disease		Admissions with full medical history†
	n	%	n
Beaumont Hospital General ICU	31	2.8%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	10	2.7%	367
Mater Misericordiae University Hospital HDU	185	13.9%	1335
Mater Misericordiae University Hospital ICU	26	2.4%	1089
Our Lady of Lourdes Hospital Drogheda ICU	18	4.1%	440
St James's Hospital Cardiothoracic ICU	~	§	313
St James's Hospital General ICU	44	4.3%	1029
Tallaght University Hospital ICU *	51	7.1%	719
University Hospital Galway ICU	71	6.8%	1047
University Hospital Limerick ICU	15	3.1%	480
University Hospital Waterford ICU	25	4.0%	626
Regional Hospital Mullingar ICU	21	4.9%	432
Wexford General Hospital ICU **	~	§	144
Connolly Hospital ICU	8	2.9%	280
Midland Regional Hospital Tullamore ICU	21	6.7%	314
Naas General Hospital ICU	11	7.1%	156
St Luke's General Hospital Carlow/Kilkenny ICU	10	2.7%	367
St Vincent's University Hospital ICU	33	4.1%	798
Cork University Hospital Cardiothoracic ICU	11	1.8%	613
Cork University Hospital General ICU	12	1.7%	706
Letterkenny University Hospital ICU	10	2.7%	371
Tipperary University Hospital Clonmel ICU	~	§	221
University Hospital Kerry Tralee ICU *	7	3.8%	185
Cavan General Hospital ICU	~	§	271
Mercy University Hospital Cork ICU	20	5.4%	372
Sligo University Hospital ICU	22	6.5%	341
Mayo University Hospital ICU	27	6.0%	447
Portlincula University Hospital ICU	17	4.2%	404
Midland Regional Hospital Portlaoise ICU **	6	3.7%	161
National	724	4.8%	15135

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

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

FIGURE 4.9B: HOSPITAL MORTALITY RATE FOR UNIT ADMISSIONS WITH METASTATIC DISEASE (UNITS WITH FIVE OR MORE ADMISSIONS ONLY)

Unit	Metastatic disease		Number of patients
	n	%	n
Beaumont Hospital General ICU	10	34.5%	29
Beaumont Hospital (Richmond) Neurosurgical ICU	~	§	9
Mater Misericordiae University Hospital HDU	12	6.9%	175
Mater Misericordiae University Hospital ICU	10	41.7%	24
Our Lady of Lourdes Hospital Drogheda ICU	13	72.2%	18
St James's Hospital General ICU	15	34.1%	44
Tallaght University Hospital ICU *	~	§	49
University Hospital Galway ICU	18	30.5%	59
University Hospital Limerick ICU	6	40.0%	15
University Hospital Waterford ICU	8	32.0%	25
Regional Hospital Mullingar ICU	~	§	21
Connolly Hospital ICU	~	§	7
Midland Regional Hospital Tullamore ICU	12	60.0%	20
Naas General Hospital ICU	7	77.8%	9
St Luke's General Hospital Carlow/Kilkenny ICU	~	§	10
St Vincent's University Hospital ICU	13	40.6%	32
Cork University Hospital Cardiothoracic ICU	~	§	11
Cork University Hospital General ICU	~	§	12
Letterkenny University Hospital ICU	~	§	10
University Hospital Kerry Tralee ICU *	~	§	7
Mercy University Hospital Cork ICU	~	§	19
Sligo University Hospital ICU	7	33.3%	21
Mayo University Hospital ICU	10	38.5%	26
Portiuncula University Hospital ICU	~	§	17
Midland Regional Hospital Portlaoise ICU **	~	§	6
National	182	26.5%	686

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

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

Unit	Patients			Patient days		
	n	%	Total admissions	n	%	Total days [§]
Beaumont Hospital General ICU	554	50.0%	1107	3637	48.8%	7449
Beaumont Hospital (Richmond) Neurosurgical ICU	240	65.2%	368	2190	58.7%	3733
Mater Misericordiae University Hospital HDU	49	3.7%	1339	256	3.8%	6791
Mater Misericordiae University Hospital ICU	959	87.8%	1092	4960	62.6%	7919
Our Lady of Lourdes Hospital Drogheda ICU	221	50.2%	440	1593	48.0%	3318
St James's Hospital Cardiothoracic ICU	286	91.4%	313	643	30.5%	2106
St James's Hospital General ICU	515	50.0%	1030	3499	41.3%	8482
Tallaght University Hospital ICU *	244	33.9%	719	1527	25.7%	5944
University Hospital Galway ICU	295	28.2%	1045	1292	24.6%	5253
University Hospital Limerick ICU	297	61.9%	480	1731	44.7%	3871
University Hospital Waterford ICU	201	32.1%	626	896	23.8%	3757
Regional Hospital Mullingar ICU	114	26.3%	433	747	31.4%	2381
Wexford General Hospital ICU **	60	41.4%	145	265	33.4%	794
Connolly Hospital ICU	177	63.2%	280	1189	59.7%	1993
Midland Regional Hospital Tullamore ICU	96	30.5%	315	642	36.1%	1777
Naas General Hospital ICU	103	66.0%	156	832	63.4%	1313
St Luke's General Hospital Carlow/Kilkenny ICU	100	27.2%	367	448	25.2%	1780
St Vincent's University Hospital ICU	438	54.9%	798	3213	46.0%	6991
Cork University Hospital Cardiothoracic ICU	487	79.3%	614	937	34.0%	2757
Cork University Hospital General ICU	463	65.6%	706	3420	52.0%	6576
Letterkenny University Hospital ICU	158	42.6%	371	705	39.6%	1779
Tipperary University Hospital Clonmel ICU	110	49.8%	221	824	48.2%	1711
University Hospital Kerry Tralee ICU *	82	44.3%	185	740	55.8%	1327
Cavan General Hospital ICU	61	22.4%	272	243	19.1%	1270
Mercy University Hospital Cork ICU	141	37.8%	373	831	33.8%	2458
Sligo University Hospital ICU	113	33.1%	341	488	32.8%	1489
Mayo University Hospital ICU	130	29.0%	448	453	21.2%	2138
Portiuncula University Hospital ICU	59	14.6%	404	205	10.6%	1931
Midland Regional Hospital Portlaoise ICU **	16	9.9%	162	89	12.1%	734
National	6769	44.7%	15150	38495	38.6%	99822

[§] 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 a day receiving support (e.g. 36 hours in the Unit is counted as 2 days).

* No data for one quarter.

** No data for two quarters.

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	268	24.2%	1107	845	11.3%	7449
Beaumont Hospital (Richmond) Neurosurgical ICU	80	21.7%	368	418	11.2%	3733
Mater Misericordiae University Hospital HDU	~	§	1339	~	§	6791
Mater Misericordiae University Hospital ICU	607	55.6%	1092	1830	23.1%	7919
Our Lady of Lourdes Hospital Drogheda ICU	65	14.8%	440	162	4.9%	3318
St James's Hospital Cardiothoracic ICU	272	86.9%	313	869	41.3%	2106
St James's Hospital General ICU	202	19.6%	1030	614	7.2%	8482
Tallaght University Hospital ICU *	116	16.1%	719	358	6.0%	5944
University Hospital Galway ICU	161	15.4%	1045	409	7.8%	5253
University Hospital Limerick ICU	99	20.6%	480	278	7.2%	3871
University Hospital Waterford ICU	65	10.4%	626	151	4.0%	3757
Regional Hospital Mullingar ICU	59	13.6%	433	178	7.5%	2381
Wexford General Hospital ICU **	23	15.9%	145	78	9.8%	794
Connolly Hospital ICU	59	21.1%	280	144	7.2%	1993
Midland Regional Hospital Tullamore ICU	37	11.7%	315	95	5.3%	1777
Naas General Hospital ICU	16	10.3%	156	35	2.7%	1313
St Luke's General Hospital Carlow/Kilkenny ICU	27	7.4%	367	57	3.2%	1780
St Vincent's University Hospital ICU	201	25.2%	798	637	9.1%	6991
Cork University Hospital Cardiothoracic ICU	316	51.5%	614	992	36.0%	2757
Cork University Hospital General ICU	229	32.4%	706	697	10.6%	6576
Letterkenny University Hospital ICU	78	21.0%	371	189	10.6%	1779
Tipperary University Hospital Clonmel ICU	47	21.3%	221	237	13.9%	1711
University Hospital Kerry Tralee ICU *	44	23.8%	185	117	8.8%	1327
Cavan General Hospital ICU	25	9.2%	272	60	4.7%	1270
Mercy University Hospital Cork ICU	77	20.6%	373	201	8.2%	2458
Sligo University Hospital ICU	45	13.2%	341	92	6.2%	1489
Mayo University Hospital ICU	46	10.3%	448	81	3.8%	2138
Portiuncula University Hospital ICU	107	26.5%	404	337	17.5%	1931
Midland Regional Hospital Portlaoise ICU **	§	§	162	§	§	734
National	3373	22.3%	15150	10164	10.2%	99822

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURES 5.8 AND 5.9: PATIENTS WHO UNDERWENT DIALYSIS

Unit	Admissions			Patient days		
	n	%	Total admissions	n	%	Total days
Beaumont Hospital General ICU	143	12.9%	1107	596	8.0%	7449
Beaumont Hospital (Richmond) Neurosurgical ICU	~	§	368	§	§	3733
Mater Misericordiae University Hospital HDU	43	3.2%	1339	172	2.5%	6791
Mater Misericordiae University Hospital ICU	177	16.2%	1092	1619	20.4%	7919
Our Lady of Lourdes Hospital Drogheda ICU	34	7.7%	440	272	8.2%	3318
St James's Hospital Cardiothoracic ICU	17	5.4%	313	167	7.9%	2106
St James's Hospital General ICU	140	13.6%	1030	915	10.8%	8482
Tallaght University Hospital ICU *	94	13.1%	719	590	9.9%	5944
University Hospital Galway ICU	99	9.5%	1045	317	6.0%	5253
University Hospital Limerick ICU	76	15.8%	480	362	9.4%	3871
University Hospital Waterford ICU	68	10.9%	626	384	10.2%	3757
Regional Hospital Mullingar ICU	37	8.5%	433	223	9.4%	2381
Wexford General Hospital ICU **	12	8.3%	145	55	6.9%	794
Connolly Hospital ICU	35	12.5%	280	167	8.4%	1993
Midland Regional Hospital Tullamore ICU	32	10.2%	315	167	9.4%	1777
Naas General Hospital ICU	0	0.0%	156	0	0.0%	1313
St Luke's General Hospital Carlow/Kilkenny ICU	0	0.0%	367	0	0.0%	1780
St Vincent's University Hospital ICU	192	24.1%	798	1511	21.6%	6991
Cork University Hospital Cardiothoracic ICU	9	1.5%	614	79	2.9%	2757
Cork University Hospital General ICU	109	15.4%	706	678	10.3%	6576
Letterkenny University Hospital ICU	37	10.0%	371	150	8.4%	1779
Tipperary University Hospital Clonmel ICU	0	0.0%	221	0	0.0%	1711
University Hospital Kerry Tralee ICU *	16	8.6%	185	98	7.4%	1327
Cavan General Hospital ICU	17	6.2%	272	53	4.2%	1270
Mercy University Hospital Cork ICU	25	6.7%	373	186	7.6%	2458
Sligo University Hospital ICU	30	8.8%	341	107	7.2%	1489
Mayo University Hospital ICU	61	13.6%	448	196	9.2%	2138
Portiuncula University Hospital ICU	15	3.7%	404	69	3.6%	1931
Midland Regional Hospital Portlaoise ICU **	~	§	162	~	§	734
National	1525	10.1%	15150	9163	9.2%	99822

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 5.10: PATIENTS WHO RECEIVED ENTERAL OR PARENTERAL NUTRITION, AS A PERCENTAGE OF ALL UNIT ADMISSIONS

Unit	Admissions		
	n	%	Total admissions
Beaumont Hospital General ICU	590	53.3%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	239	64.9%	368
Mater Misericordiae University Hospital HDU	391	29.2%	1339
Mater Misericordiae University Hospital ICU	468	42.9%	1092
Our Lady of Lourdes Hospital Drogheda ICU	210	47.7%	440
St James's Hospital Cardiothoracic ICU	36	11.5%	313
St James's Hospital General ICU	610	59.2%	1030
Tallaght University Hospital ICU *	284	39.5%	719
University Hospital Galway ICU	334	32.0%	1045
University Hospital Limerick ICU	258	53.8%	480
University Hospital Waterford ICU	201	32.1%	626
Regional Hospital Mullingar ICU	168	38.8%	433
Wexford General Hospital ICU **	34	23.4%	145
Connolly Hospital ICU	153	54.6%	280
Midland Regional Hospital Tullamore ICU	93	29.5%	315
Naas General Hospital ICU	95	60.9%	156
St Luke's General Hospital Carlow/Kilkenny ICU	112	30.5%	367
St Vincent's University Hospital ICU	418	52.4%	798
Cork University Hospital Cardiothoracic ICU	44	7.2%	614
Cork University Hospital General ICU	456	64.6%	706
Letterkenny University Hospital ICU	127	34.2%	371
Tipperary University Hospital Clonmel ICU	113	51.1%	221
University Hospital Kerry Tralee ICU *	83	44.9%	185
Cavan General Hospital ICU	67	24.6%	272
Mercy University Hospital Cork ICU	182	48.8%	373
Sligo University Hospital ICU	106	31.1%	341
Mayo University Hospital ICU	116	25.9%	448
Portiuncula University Hospital ICU	87	21.5%	404
Midland Regional Hospital Portlaoise ICU **	13	8.0%	162
National	6088	40.2%	15150

* No data for one quarter.

** No data for two quarters.

FIGURE 6.3: MEAN AND MEDIAN LOS IN EACH UNIT (DAYS) FOR ALL ADMISSIONS

Unit	Length of stay	
	Mean	Median
Beaumont Hospital General ICU	5.8	3.3
Beaumont Hospital (Richmond) Neurosurgical ICU	9.2	5.8
Mater Misericordiae University Hospital HDU	4.1	2.8
Mater Misericordiae University Hospital ICU	6.2	3
Our Lady of Lourdes Hospital Drogheda ICU	6.6	3.7
St James's Hospital Cardiothoracic ICU	5.6	4
St James's Hospital General ICU	7.3	4
Tallaght University Hospital ICU *	7.3	3.9
University Hospital Galway ICU	4.1	2.4
University Hospital Limerick ICU	7.1	4.9
University Hospital Waterford ICU	5	2.7
Regional Hospital Mullingar ICU	4.5	2.1
Wexford General Hospital ICU **	4.6	2.6
Connolly Hospital ICU	6.2	3.4
Midland Regional Hospital Tullamore ICU	4.7	2.4
Naas General Hospital ICU	7.4	3
St Luke's General Hospital Carlow/Kilkenny ICU	3.9	2.2
St Vincent's University Hospital ICU	7.9	4
Cork University Hospital Cardiothoracic ICU	3.4	2
Cork University Hospital General ICU	8.4	4.6
Letterkenny University Hospital ICU	3.9	2
Tipperary University Hospital Clonmel ICU	6.8	4.1
University Hospital Kerry Tralee ICU *	6.2	2.8
Cavan General Hospital ICU	3.7	2.8
Mercy University Hospital Cork ICU	5.5	3
Sligo University Hospital ICU	3.4	1.8
Mayo University Hospital ICU	3.8	2.3
Portlincula University Hospital ICU	3.9	2.7
Midland Regional Hospital Portlaoise ICU **	3.6	2.4
National	5.6	3.0

Note: This table presents the median as well as the mean, whereas Figure 6.3 presents the mean only.

* No data for one quarter.

** No data for two quarters.

FIGURE 6.4: MEAN AND MEDIAN LOS IN UNIT 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	917	5.8	3.3	190	5.7	3.2
Beaumont Hospital (Richmond) Neurosurgical ICU	325	9.3	5.8	43	8.5	6.5
Mater Misericordiae University Hospital HDU	1294	4.1	2.8	45	4.9	4.1
Mater Misericordiae University Hospital ICU	965	6	3	127	7.8	3.3
Our Lady of Lourdes Hospital Drogheda ICU	336	6.5	3.7	104	7	3.3
St James's Hospital Cardiothoracic ICU	301	5.3	4	12	12.3	6.3
St James's Hospital General ICU	868	7.6	4.3	162	5.6	3
Tallaght University Hospital ICU *	622	7.1	4	97	8.8	3.2
University Hospital Galway ICU	942	4	2.5	103	4.7	1.9
University Hospital Limerick ICU	378	7.5	5.3	102	5.8	2.6
University Hospital Waterford ICU	540	4.9	2.7	86	5.6	1.9
Regional Hospital Mullingar ICU	397	4.3	2	36	7	4.6
Wexford General Hospital ICU **	121	4.8	2.8	24	3.7	1.2
Connolly Hospital ICU	222	6.5	3.7	58	4.9	2.1
Midland Regional Hospital Tullamore ICU	276	4.3	2.5	39	7.7	2.3
Naas General Hospital ICU	120	7.7	3	36	6.4	2.1
St Luke's General Hospital Carlow/Kilkenny ICU	320	3.8	2.2	47	4.9	2.4
St Vincent's University Hospital ICU	632	7.8	4.1	166	8.2	3.7
Cork University Hospital Cardiothoracic ICU	596	3.3	2	18	6.7	6.3
Cork University Hospital General ICU	541	9.5	5.2	165	4.9	2.2
Letterkenny University Hospital ICU	312	3.8	2	59	4.1	2
Tipperary University Hospital Clonmel ICU	199	6.5	4.3	22	10.1	2.4
University Hospital Kerry Tralee ICU *	151	6.4	2.9	34	5.4	1.8
Cavan General Hospital ICU	249	3.9	2.9	23	2.2	1
Mercy University Hospital Cork ICU	331	5.4	3	41	6.4	3.3
Sligo University Hospital ICU	294	3.3	1.8	47	4	1
Mayo University Hospital ICU	397	3.9	2.4	51	2.7	1.5
Portiuncula University Hospital ICU	367	3.9	2.7	37	3.5	2.3
Midland Regional Hospital Portlaoise ICU **	150	3.6	2.4	12	3.5	3.2
National	13163	5.6	3.1	1986	6	2.7

Note: This table presents the median as well as the mean, whereas Figure 6.4 presents the mean only.

* No data for one quarter.

** No data for two quarters.

FIGURE 6.7: DISCHARGES TO WARDS DELAYED MORE THAN 24 HOURS, AS PERCENTAGE OF ALL DISCHARGES TO WARDS

Unit	Discharges to wards delayed > 24 hours		
	n	%	Total discharges
Beaumont Hospital General ICU	291	33.5%	869
Beaumont Hospital (Richmond) Neurosurgical ICU	102	35.2%	290
Mater Misericordiae University Hospital HDU	178	14.9%	1193
Mater Misericordiae University Hospital ICU	264	38.0%	695
Our Lady of Lourdes Hospital Drogheda ICU	127	41.8%	304
St James's Hospital Cardiothoracic ICU	68	23.1%	295
St James's Hospital General ICU	409	49.0%	834
Tallaght University Hospital ICU *	257	43.3%	594
University Hospital Galway ICU	91	10.4%	872
University Hospital Limerick ICU	135	70.7%	191
University Hospital Waterford ICU	170	32.9%	516
Regional Hospital Mullingar ICU	82	22.2%	369
Wexford General Hospital ICU **	16	15.1%	106
Connolly Hospital ICU	77	38.9%	198
Midland Regional Hospital Tullamore ICU	8	3.1%	256
Naas General Hospital ICU	16	16.3%	98
St Luke's General Hospital Carlow/Kilkenny ICU	29	14.3%	203
St Vincent's University Hospital ICU	196	31.8%	616
Cork University Hospital Cardiothoracic ICU	41	7.2%	571
Cork University Hospital General ICU	213	43.2%	493
Letterkenny University Hospital ICU	65	23.0%	283
Tipperary University Hospital Clonmel ICU	31	17.6%	176
University Hospital Kerry Tralee ICU *	26	28.6%	91
Cavan General Hospital ICU	61	25.8%	236
Mercy University Hospital Cork ICU	87	27.4%	318
Sligo University Hospital ICU	47	18.0%	261
Mayo University Hospital ICU	144	42.6%	338
Portlincula University Hospital ICU	88	28.1%	313
Midland Regional Hospital Portlaoise ICU **	6	4.5%	132
National	3325	28.4%	11711

* No data for one quarter.

** No data for two quarters.

FIGURE 6.9 AND TABLE 6.4: INEWS SCORES AT TIME OF REFERRAL TO ICU TEAM (MEDIAN AND LOWER AND UPPER QUANTILES), 2023

Unit	Admissions			INEWS Scores		
	n	n documented	%	Median	Lower quartile	Upper quartile
Beaumont Hospital General ICU	605	387	64%	8	4	10
Beaumont Hospital (Richmond) Neurosurgical ICU	131	58	44%	3	1	7
Mater Misericordiae University Hospital HDU	445	255	57%	5	3	8
Mater Misericordiae University Hospital ICU	304	143	47%	8	4	10
Our Lady of Lourdes Hospital Drogheda ICU	338	303	90%	8	5	11
St James's Hospital Cardiothoracic ICU	20	12	60%	4.5	3	10
St James's Hospital General ICU	586	505	86%	7	4	10
Tallaght University Hospital ICU *	410	175	43%	6	2	9
University Hospital Galway ICU	629	1	0.2%	12	12	12
University Hospital Limerick ICU	281	206	73%	9	6	11
University Hospital Waterford ICU	334	324	97%	9	7	12
Regional Hospital Mullingar ICU	290	270	93%	6	3	9
Wexford General Hospital ICU **	110	89	81%	7	6	10
Connolly Hospital ICU	205	174	85%	9.5	7	12
Midland Regional Hospital Tullamore ICU	232	193	83%	8	4	10
Naas General Hospital ICU	120	114	95%	10	7	12
St Luke's General Hospital Carlow/Kilkenny ICU	243	225	93%	7	3	10
St Vincent's University Hospital ICU	550	491	89%	8	6	10
Cork University Hospital Cardiothoracic ICU	39	0	0%	NA	NA	NA
Cork University Hospital General ICU	383	0	0%	NA	NA	NA
Letterkenny University Hospital ICU	293	274	94%	9	6	10
Tipperary University Hospital Clonmel ICU	135	114	84%	9	6	11
University Hospital Kerry Tralee ICU *	135	129	96%	8	5	10
Cavan General Hospital ICU	188	176	94%	7	4	9
Mercy University Hospital Cork ICU	119	74	62%	9	8	12
Sligo University Hospital ICU	223	206	92%	8	6	11
Mayo University Hospital ICU	341	301	88%	7	4	10
Portiuncula University Hospital ICU	308	306	99%	9	6	11
Midland Regional Hospital Portlaoise ICU **	152	146	96%	7	3	9
National	8149	5651	69%	8	5	10

* No data for one quarter.

** No data for two quarters.

FIGURE 6.10: MEAN AND MEDIAN LOS IN ACUTE HOSPITAL AFTER UNIT DISCHARGE FOR ALL UNIT SURVIVORS, ACUTE HOSPITAL SURVIVORS AND ACUTE HOSPITAL 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	836	28	13	765	28	13	69	31	15
Beaumont Hospital (Richmond) Neurosurgical ICU	291	27	18	232	27	19	18	28	15
Mater Misericordiae University Hospital HDU	1159	19	8	1077	18	8	79	28	11
Mater Misericordiae University Hospital ICU	895	17	9	795	17	9	59	21	13
Our Lady of Lourdes Hospital Drogheda ICU	293	17	10	259	18	10	31	9	3
St James's Hospital Cardiothoracic ICU	279	8	4	274	8	4	3	N<10	N<10
St James's Hospital General ICU	778	27	14	733	27	13	44	34	19
Tallaght University Hospital ICU *	549	19	9	511	19	9	35	20	12
University Hospital Galway ICU	851	19	10	777	18	10	72	18	11
University Hospital Limerick ICU	336	23	13	310	23	14	26	29	9
University Hospital Waterford ICU	489	22	10	454	21	10	35	32	18
Regional Hospital Mullingar ICU	375	15	8	334	15	8	41	12	7
Wexford General Hospital ICU **	101	15	7	95	15	7	6	N<10	N<10
Connolly Hospital ICU	193	30	15	162	31	16	31	25	9
Midland Regional Hospital Tullamore ICU	253	16	10	213	16	10	40	19	7
Naas General Hospital ICU	102	25	13	77	27	14	25	19	8
St Luke's General Hospital Carlow/Kilkenny ICU	295	17	8	250	17	8	45	17	8
St Vincent's University Hospital ICU	557	30	16	507	30	16	50	31	16
Cork University Hospital Cardiothoracic ICU	577	11	7	564	11	7	13	14	8
Cork University Hospital General ICU	484	27	14	429	28	15	49	19	10
Letterkenny University Hospital ICU	266	19	10	234	18	10	29	24	12
Tipperary University Hospital Clonmel ICU	179	17	9	164	16	9	13	14	6
University Hospital Kerry Tralee ICU *	134	26	15	110	28	15	24	16	10
Cavan General Hospital ICU	223	15	9	206	15	9	17	10	8
Mercy University Hospital Cork ICU	307	13	8	290	13	8	17	11	7
Sligo University Hospital ICU	271	26	12	244	25	13	26	29	7
Mayo University Hospital ICU	355	19	11	320	19	11	35	16	8
Portiuncula University Hospital ICU	317	10	5	294	10	5	23	13	5
Midland Regional Hospital Portlaoise ICU **	130	11	5	116	10	4	13	17	14
National	11875	20	10	10796	20	10	968	22	10

Note: This table presents the median as well as the mean, whereas Figure 6.10 presents the mean only.

~ Denotes five cases or fewer.

* No data for one quarter.

** No data for two quarters.

FIGURE 7.1: PERCENTAGE OF ADMISSIONS TO EACH UNIT FROM A WARD OR EMERGENCY DEPARTMENT: (1) WITHIN 1 HOUR OF THE DECISION TO ADMIT AND (2) WITHIN 4 HOURS OF THE DECISION TO ADMIT, AS A PERCENTAGE OF ALL ADMISSIONS FROM THE WARD OR EMERGENCY DEPARTMENT

Hospital	Admissions from ward or ED			≤1 hour		≤4 hours	
	n	Time of decision known (n)	%	n	%	n	%
Beaumont Hospital	733	508	69.3%	217	42.7%	472	92.9%
Mater Misericordiae University Hospital	747	566	75.8%	72	12.7%	347	61.3%
Our Lady of Lourdes Hospital Drogheda	333	304	91.3%	87	28.6%	269	88.5%
St James's Hospital	601	585	97.3%	325	55.6%	573	97.9%
Tallaght University Hospital *	410	138	33.7%	39	28.3%	107	77.5%
University Hospital Galway	627	373	59.5%	109	29.2%	331	88.7%
University Hospital Limerick	279	263	94.3%	125	47.5%	256	97.3%
University Hospital Waterford	334	328	98.2%	110	33.5%	300	91.5%
Regional Hospital Mullingar	286	285	99.7%	72	25.3%	253	88.8%
Wexford General Hospital **	106	85	80.2%	27	31.8%	81	95.3%
Connolly Hospital	205	205	100.0%	28	13.7%	151	73.7%
Midland Regional Hospital Tullamore	232	220	94.8%	75	34.1%	209	95.0%
Naas General Hospital	120	119	99.2%	24	20.2%	112	94.1%
St Luke's General Hospital Carlow/Kilkenny	242	236	97.5%	30	12.7%	186	78.8%
St Vincent's University Hospital	550	537	97.6%	115	21.4%	433	80.6%
Cork University Hospital	422	324	76.8%	28	8.6%	259	79.9%
Letterkenny University Hospital	293	293	100.0%	147	50.2%	281	95.9%
Tipperary University Hospital Clonmel	135	104	77.0%	33	31.7%	93	89.4%
University Hospital Kerry *	135	132	97.8%	33	25.0%	93	70.5%
Cavan General Hospital	188	180	95.7%	63	35.0%	172	95.6%
Mercy University Hospital	119	97	81.5%	18	18.6%	83	85.6%
Sligo University Hospital	223	215	96.4%	82	38.1%	207	96.3%
Mayo University Hospital ICU	341	337	98.8%	160	47.5%	326	96.7%
Portiuncula University Hospital ICU	308	305	99.0%	201	65.9%	298	97.7%
Midland Regional Hospital Portlaoise **	152	138	90.8%	39	28.3%	123	89.1%
National	8121	6877	84.7%	2259	32.8%	6015	87.5%

* No data for one quarter.

** No data for two quarters.

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

Unit	Patients with risk-adjusted mortality > 20%					
	Eligible patients	> 20% risk n	> 20% risk %	Observed deaths	Predicted deaths	SMR
Beaumont Hospital General ICU	1035	417	40.3%	220	223.88	0.98
Beaumont Hospital (Richmond) Neurosurgical ICU	293	104	35.5%	49	53.9	0.91
Mater Misericordiae University Hospital HDU	1222	189	15.5%	78	81.17	0.96
Mater Misericordiae University Hospital ICU	993	259	26.1%	151	139.41	1.08
Our Lady of Lourdes Hospital Drogheda ICU	415	203	48.9%	121	116.4	1.04
St James's Hospital Cardiothoracic ICU	298	11	3.7%	~	§	1.15
St James's Hospital General ICU	983	334	34.0%	173	179.12	0.97
Tallaght University Hospital ICU *	665	206	31.0%	111	109.3	1.02
University Hospital Galway ICU	964	335	34.8%	148	164.34	0.9
University Hospital Limerick ICU	468	239	51.1%	116	128.8	0.9
University Hospital Waterford ICU	602	195	32.4%	99	110.16	0.9
Regional Hospital Mullingar ICU	411	151	36.7%	63	73.16	0.86
Wexford General Hospital ICU **	138	50	36.2%	27	25.06	1.08
Connolly Hospital ICU	258	137	53.1%	81	76.33	1.06
Midland Regional Hospital Tullamore ICU	293	107	36.5%	59	56.61	1.04
Naas General Hospital ICU	143	79	55.2%	52	46.42	1.12
St Luke's General Hospital Carlow/Kilkenny ICU	350	145	41.4%	81	76.5	1.06
St Vincent's University Hospital ICU	742	341	46.0%	180	182.99	0.98
Cork University Hospital Cardiothoracic ICU	592	28	4.7%	15	13.13	1.14
Cork University Hospital General ICU	659	369	56.0%	189	204.53	0.92
Letterkenny University Hospital ICU	326	148	45.4%	77	82.71	0.93
Tipperary University Hospital Clonmel ICU	203	70	34.5%	32	37.33	0.86
University Hospital Kerry Tralee ICU *	172	78	45.3%	45	43.31	1.04
Cavan General Hospital ICU	253	91	36.0%	34	46.06	0.74
Mercy University Hospital Cork ICU	352	67	19.0%	39	38.25	1.02
Sligo University Hospital ICU	323	122	37.8%	63	74.03	0.85
Mayo University Hospital ICU	427	175	41.0%	72	97.17	0.74
Portiuncula University Hospital ICU	332	107	32.2%	43	57.15	0.75
Midland Regional Hospital Portlaoise ICU **	152	38	25.0%	18	19.45	0.93
National total	14,064	4,795	34.1%	2441	2561.02	0.95

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 7.10: PERCENTAGE OF PATIENTS TESTED FOR EACH MDRO IN EACH UNIT (METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS)

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	%	n	%
Beaumont Hospital General ICU	1107	1076	97.2%	19	1.8%	1047	97.3%
Beaumont Hospital (Richmond) Neurosurgical ICU	368	365	99.2%	6	1.6%	354	97.0%
Mater Misericordiae University Hospital HDU	1339	1112	83.0%	10	0.9%	1101	99.0%
Mater Misericordiae University Hospital ICU	1092	1042	95.4%	8	0.8%	1031	98.9%
Our Lady of Lourdes Hospital Drogheda ICU	440	438	99.5%	8	1.8%	429	97.9%
St James's Hospital Cardiothoracic ICU	313	309	98.7%	2	0.6%	307	99.4%
St James's Hospital General ICU	1030	1003	97.4%	22	2.2%	981	97.8%
Tallaght University Hospital ICU *	719	711	98.9%	14	2.0%	696	97.9%
University Hospital Galway ICU	1046	961	91.9%	27	2.8%	931	96.9%
University Hospital Limerick ICU	480	469	97.7%	12	2.6%	455	97.0%
University Hospital Waterford ICU	626	606	96.8%	18	3.0%	587	96.9%
Regional Hospital Mullingar ICU	433	430	99.3%	12	2.8%	417	97.0%
Wexford General Hospital ICU **	145	138	95.2%	7	5.1%	131	94.9%
Connolly Hospital ICU	280	280	100.0%	2	0.7%	277	98.9%
Midland Regional Hospital Tullamore ICU	315	312	99.0%	15	4.8%	297	95.2%
Naas General Hospital ICU	156	152	97.4%	12	7.9%	140	92.1%
St Luke's General Hospital Carlow/Kilkenny ICU	367	337	91.8%	14	4.2%	321	95.3%
St Vincent's University Hospital ICU	798	770	96.5%	10	1.3%	757	98.3%
Cork University Hospital Cardiothoracic ICU	614	609	99.2%	11	1.8%	596	97.9%
Cork University Hospital General ICU	706	623	88.2%	6	1.0%	615	98.7%
Letterkenny University Hospital ICU	371	366	98.7%	13	3.6%	353	96.4%
Tipperary University Hospital Clonmel ICU	221	220	99.5%	4	1.8%	214	97.3%
University Hospital Kerry Tralee ICU *	185	163	88.1%	4	2.5%	159	97.5%
Cavan General Hospital ICU	272	263	96.7%	4	1.5%	259	98.5%
Mercy University Hospital Cork ICU	373	372	99.7%	3	0.8%	368	98.9%
Sligo University Hospital ICU	341	310	90.9%	4	1.3%	305	98.4%
Mayo University Hospital ICU	448	446	99.6%	17	3.8%	429	96.2%
Portiuncula University Hospital ICU	404	385	95.3%	12	3.1%	372	96.6%
Midland Regional Hospital Portlaoise ICU **	162	154	95.1%	4	2.6%	150	97.4%
National	15151	14422	95.2%	300	2.1%	14079	97.6%

Note: The table includes data presented in Tables 7.1 and 7.2 as well as Figure 7.10.

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

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

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	1107	1051	94.9%	99	9.4%	924	87.9%
Beaumont Hospital (Richmond) Neurosurgical ICU	368	364	98.9%	11	3.0%	346	95.1%
Mater Misericordiae University Hospital HDU	1339	1022	76.3%	106	10.4%	905	88.6%
Mater Misericordiae University Hospital ICU	1092	1005	92.0%	62	6.2%	918	91.3%
Our Lady of Lourdes Hospital Drogheda ICU	440	440	100.0%	28	6.4%	407	92.5%
St James's Hospital Cardiothoracic ICU	313	298	95.2%	23	7.7%	264	88.6%
St James's Hospital General ICU	1030	810	78.6%	127	15.7%	618	76.3%
Tallaght University Hospital ICU *	719	705	98.1%	93	13.2%	595	84.4%
University Hospital Galway ICU	1046	917	87.7%	89	9.7%	821	89.5%
University Hospital Limerick ICU	480	466	97.1%	47	10.1%	407	87.3%
University Hospital Waterford ICU	626	585	93.5%	106	18.1%	470	80.3%
Regional Hospital Mullingar ICU	433	406	93.8%	36	8.9%	354	87.2%
Wexford General Hospital ICU **	145	127	87.6%	14	11.0%	110	86.6%
Connolly Hospital ICU	280	280	100.0%	16	5.7%	257	91.8%
Midland Regional Hospital Tullamore ICU	315	313	99.4%	64	20.4%	238	76.0%
Naas General Hospital ICU	156	143	91.7%	31	21.7%	102	71.3%
St Luke's General Hospital Carlow/Kilkenny ICU	367	328	89.4%	36	11.0%	284	86.6%
St Vincent's University Hospital ICU	798	757	94.9%	97	12.8%	624	82.4%
Cork University Hospital Cardiothoracic ICU	614	601	97.9%	29	4.8%	568	94.5%
Cork University Hospital General ICU	706	570	80.7%	60	10.5%	485	85.1%
Letterkenny University Hospital ICU	371	~	§	~	§	0	0.0%
Tipperary University Hospital Clonmel ICU	221	214	96.8%	34	15.9%	171	79.9%
University Hospital Kerry Tralee ICU *	185	143	77.3%	§	§	130	90.9%
Cavan General Hospital ICU	272	255	93.8%	14	5.5%	241	94.5%
Mercy University Hospital Cork ICU	373	372	99.7%	24	6.5%	341	91.7%
Sligo University Hospital ICU	341	296	86.8%	18	6.1%	276	93.2%
Mayo University Hospital ICU	448	446	99.6%	46	10.3%	400	89.7%
Portiuncula University Hospital ICU	404	385	95.3%	45	11.7%	330	85.7%
Midland Regional Hospital Portlaoise ICU **	162	151	93.2%	10	6.6%	141	93.4%
National	15151	13453	88.8%	1376	10.2%	11727	87.2%

Note: The table includes data presented in Tables 7.1 and 7.2 as well as Figure 7.10.

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 7.10: PERCENTAGE OF PATIENTS TESTED FOR EACH MDRO IN EACH UNIT (CARBAPENEMASE-PRODUCING ENTEROBACTERIALES)

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	%	n	%
Beaumont Hospital General ICU	1107	1084	97.9%	6	0.6%	1076	99.3%
Beaumont Hospital (Richmond) Neurosurgical ICU	368	365	99.2%	~	0.3%	364	99.7%
Mater Misericordiae University Hospital HDU	1339	1099	82.1%	6	0.5%	1093	99.5%
Mater Misericordiae University Hospital ICU	1092	1013	92.8%	6	0.6%	1003	99.0%
Our Lady of Lourdes Hospital Drogheda ICU	440	440	100.0%	0	0.0%	439	99.8%
St James's Hospital Cardiothoracic ICU	313	310	99.0%	0	0.0%	309	99.7%
St James's Hospital General ICU	1030	975	94.7%	7	0.7%	967	99.2%
Tallaght University Hospital ICU *	719	712	99.0%	9	1.3%	700	98.3%
University Hospital Galway ICU	1046	946	90.4%	13	1.4%	933	98.6%
University Hospital Limerick ICU	480	469	97.7%	9	1.9%	459	97.9%
University Hospital Waterford ICU	626	591	94.4%	7	1.2%	583	98.6%
Regional Hospital Mullingar ICU	433	425	98.2%	~	§	421	99.1%
Wexford General Hospital ICU **	145	127	87.6%	~	§	126	99.2%
Connolly Hospital ICU	280	280	100.0%	~	§	279	99.6%
Midland Regional Hospital Tullamore ICU	315	312	99.0%	~	§	308	98.7%
Naas General Hospital ICU	156	153	98.1%	~	§	151	98.7%
St Luke's General Hospital Carlow/Kilkenny ICU	367	334	91.0%	~	§	329	98.5%
St Vincent's University Hospital ICU	798	764	95.7%	~	§	759	99.3%
Cork University Hospital Cardiothoracic ICU	614	602	98.0%	~	§	601	99.8%
Cork University Hospital General ICU	706	570	80.7%	~	§	564	98.9%
Letterkenny University Hospital ICU	371	360	97.0%	0	0.0%	360	100.0%
Tipperary University Hospital Clonmel ICU	221	215	97.3%	0	0.0%	215	100.0%
University Hospital Kerry Tralee ICU *	185	158	85.4%	0	0.0%	158	100.0%
Cavan General Hospital ICU	272	260	95.6%	0	0.0%	260	100.0%
Mercy University Hospital Cork ICU	373	372	99.7%	0	0.0%	372	100.0%
Sligo University Hospital ICU	341	303	88.9%	~	§	301	99.3%
Mayo University Hospital ICU	448	446	99.6%	8	1.8%	438	98.2%
Portiuncula University Hospital ICU	404	385	95.3%	~	§	382	99.2%
Midland Regional Hospital Portlaoise ICU **	162	154	95.1%	~	§	153	99.4%
National	15151	14224	93.9%	104	0.7%	14103	99.1%

Note: The table includes data presented in Tables 7.1 and 7.2 as well as Figure 7.10.

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

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	%	N
Beaumont Hospital General ICU	106	9.6%	53	4.8%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	61	16.6%	30	8.2%	368
Mater Misericordiae University Hospital HDU	27	2.0%	12	0.9%	1339
Mater Misericordiae University Hospital ICU	97	8.9%	67	6.1%	1092
Our Lady of Lourdes Hospital Drogheda ICU	17	3.9%	9	2.0%	440
St James's Hospital Cardiothoracic ICU	10	3.2%	~	§	313
St James's Hospital General ICU	63	6.1%	39	3.8%	1030
Tallaght University Hospital ICU *	42	5.8%	35	4.9%	719
University Hospital Galway ICU	83	7.9%	67	6.4%	1047
University Hospital Limerick ICU	16	3.3%	7	1.5%	480
University Hospital Waterford ICU	28	4.5%	22	3.5%	626
Regional Hospital Mullingar ICU	13	3.0%	~	§	433
Wexford General Hospital ICU **	~	§	~	§	145
Connolly Hospital ICU	11	3.9%	8	2.9%	280
Midland Regional Hospital Tullamore ICU	13	4.1%	6	1.9%	315
Naas General Hospital ICU	~	§	~	§	156
St Luke's General Hospital Carlow/Kilkenny ICU	8	2.2%	~	§	367
St Vincent's University Hospital ICU	87	10.9%	22	2.8%	798
Cork University Hospital Cardiothoracic ICU	11	1.8%	~	§	614
Cork University Hospital General ICU	129	18.3%	38	5.4%	706
Letterkenny University Hospital ICU	7	1.9%	~	§	371
Tipperary University Hospital Clonmel ICU	~	§	~	§	221
University Hospital Kerry Tralee ICU *	6	3.2%	6	3.2%	185
Cavan General Hospital ICU	6	2.2%	~	§	272
Mercy University Hospital Cork ICU	~	§	0	0.0%	373
Sligo University Hospital ICU	10	2.9%	9	2.6%	341
Mayo University Hospital ICU	10	2.2%	9	2.0%	448
Portiuncula University Hospital ICU	7	1.7%	~	§	404
Midland Regional Hospital Portlaoise ICU **	0	0.0%	0	0.0%	162
National	878	5.8%	471	3.1%	15152

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

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

Unit	Transfers-out		Transfers-out to another ICU		Unit survivors
	n	%	n	%	n
Beaumont Hospital General ICU	42	4.6%	38	4.1%	917
Beaumont Hospital (Richmond) Neurosurgical ICU	25	7.7%	21	6.5%	325
Mater Misericordiae University Hospital HDU	14	1.1%	6	0.5%	1294
Mater Misericordiae University Hospital ICU	23	2.4%	22	2.3%	965
Our Lady of Lourdes Hospital Drogheda ICU	28	8.3%	19	5.7%	336
St James's Hospital Cardiothoracic ICU	~	§	0	0.0%	301
St James's Hospital General ICU	23	2.6%	17	2.0%	868
Tallaght University Hospital ICU *	28	4.5%	19	3.1%	622
University Hospital Galway ICU	48	5.1%	40	4.2%	942
University Hospital Limerick ICU	26	6.9%	21	5.6%	378
University Hospital Waterford ICU	21	3.9%	11	2.0%	540
Regional Hospital Mullingar ICU	28	7.1%	17	4.3%	397
Wexford General Hospital ICU **	15	12.4%	14	11.6%	121
Connolly Hospital ICU	24	10.8%	18	8.1%	222
Midland Regional Hospital Tullamore ICU	20	7.2%	7	2.5%	276
Naas General Hospital ICU	22	18.3%	18	15.0%	120
St Luke's General Hospital Carlow/Kilkenny ICU	42	13.1%	27	8.4%	320
St Vincent's University Hospital ICU	16	2.5%	14	2.2%	632
Cork University Hospital Cardiothoracic ICU	~	§	~	§	596
Cork University Hospital General ICU	44	8.1%	18	3.3%	541
Letterkenny University Hospital ICU	29	9.3%	28	9.0%	312
Tipperary University Hospital Clonmel ICU	22	11.1%	18	9.0%	199
University Hospital Kerry Tralee ICU *	17	11.3%	12	7.9%	151
Cavan General Hospital ICU	13	5.2%	9	3.6%	249
Mercy University Hospital Cork ICU	6	1.8%	~	§	331
Sligo University Hospital ICU	33	11.2%	30	10.2%	294
Mayo University Hospital ICU	56	14.1%	46	11.6%	397
Portiuncula University Hospital ICU	53	14.4%	43	11.7%	367
Midland Regional Hospital Portlaoise ICU **	17	11.3%	7	4.7%	150
National	477	3.6%	545	4.1%	13163

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 10.6: NUMBERS OF CRITICALLY ILL PATIENTS TRANSFERRED OUT TO ANOTHER ICU FROM EACH SPECIALTY

Specialty	Transfers-out	
	n	%
General medicine	96	21.6%
General surgery	50	11.3%
Respiratory medicine	42	9.5%
Paediatrics	40	9.0%
Neurosurgery	35	7.9%
Neurology	34	7.7%
Cardiology	26	5.9%
Trauma & orthopaedics	23	5.2%
Paediatric respiratory medicine	15	3.4%
Hepatology	7	1.6%
Stroke medicine	7	1.6%
Colorectal surgery	6	1.4%
Gastroenterology	~	§
Hepatobiliary & pancreatic surgery	~	§
Endocrinology	~	§
Genitourinary medicine	~	§
Obstetrics	~	§
Upper gastrointestinal surgery	~	§
Cardiothoracic surgery	~	§
ENT	~	§
Nephrology	~	§
Paediatric epilepsy	~	§
Urology	~	§
Critical care medicine	~	§
Geriatric medicine	~	§
Medical oncology	~	§
Paediatric intensive care	~	§
Paediatric neurology	~	§
Plastic surgery	~	§
Vascular surgery	~	§
Allergy service	~	§
Clinical haematology	~	§
Dermatology	~	§
Gynaecology	~	§
Paediatric medical oncology	~	§
Paediatric trauma and orthopaedics	~	§
Spinal surgery service	~	§
Thoracic surgery	~	§
National	444	100%

~ 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	59
Beaumont Hospital (Richmond) Neurosurgical ICU	54
Mater Misericordiae University Hospital HDU	62
Mater Misericordiae University Hospital ICU	60
Our Lady of Lourdes Hospital Drogheda ICU	62
St James's Hospital Cardiothoracic ICU	64
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	63
Regional Hospital Mullingar ICU	65
Wexford General Hospital ICU **	62
Connolly Hospital ICU	61
Midland Regional Hospital Tullamore ICU	64
Naas General Hospital ICU	64
St Luke's General Hospital Carlow/Kilkenny ICU	64
St Vincent's University Hospital ICU	61
Cork University Hospital Cardiothoracic ICU	65
Cork University Hospital General ICU	61
Letterkenny University Hospital ICU	61
Tipperary University Hospital Clonmel ICU	62
University Hospital Kerry Tralee ICU *	61
Cavan General Hospital ICU	63
Mercy University Hospital Cork ICU	65
Sligo University Hospital ICU	61
Mayo University Hospital ICU	63
Portiuncula University Hospital ICU	56
Midland Regional Hospital Portlaoise ICU **	60
National	61

* No data for one quarter.

** No data for two quarters.

SEX DISTRIBUTION IN EACH UNIT

Unit	Male		Female		Total
	n	%	n	%	N
Beaumont Hospital General ICU	675	61.0%	432	39.0%	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	210	57.1%	158	42.9%	368
Mater Misericordiae University Hospital HDU	755	56.4%	584	43.6%	1339
Mater Misericordiae University Hospital ICU	794	72.7%	298	27.3%	1092
Our Lady of Lourdes Hospital Drogheda ICU	218	49.5%	222	50.5%	440
St James's Hospital Cardiothoracic ICU	259	82.7%	54	17.3%	313
St James's Hospital General ICU	658	63.9%	372	36.1%	1030
Tallaght University Hospital ICU *	405	56.3%	314	43.7%	719
University Hospital Galway ICU	584	55.8%	463	44.2%	1047
University Hospital Limerick ICU	290	60.4%	190	39.6%	480
University Hospital Waterford ICU	399	63.7%	227	36.3%	626
Regional Hospital Mullingar ICU	245	56.6%	188	43.4%	433
Wexford General Hospital ICU **	76	52.4%	69	47.6%	145
Connolly Hospital ICU	161	57.5%	119	42.5%	280
Midland Regional Hospital Tullamore ICU	187	59.4%	128	40.6%	315
Naas General Hospital ICU	95	60.9%	61	39.1%	156
St Luke's General Hospital Carlow/Kilkenny ICU	212	57.8%	155	42.2%	367
St Vincent's University Hospital ICU	466	58.4%	332	41.6%	798
Cork University Hospital Cardiothoracic ICU	477	77.7%	137	22.3%	614
Cork University Hospital General ICU	410	58.1%	296	41.9%	706
Letterkenny University Hospital ICU	195	52.6%	176	47.4%	371
Tipperary University Hospital Clonmel ICU	116	52.5%	105	47.5%	221
University Hospital Kerry Tralee ICU *	100	54.1%	85	45.9%	185
Cavan General Hospital ICU	154	56.6%	118	43.4%	272
Mercy University Hospital Cork ICU	255	68.4%	118	31.6%	373
Sligo University Hospital ICU	182	53.4%	159	46.6%	341
Mayo University Hospital ICU	261	58.3%	187	41.7%	448
Portlinculla University Hospital ICU	210	52.0%	194	48.0%	404
Midland Regional Hospital Portlaoise ICU **	84	51.9%	78	48.1%	162
National	9133	60.3%	6019	39.7%	15152

* No data for one quarter.

** No data for two quarters.

FIGURE 7.7A: RISK-ADJUSTED ACUTE HOSPITAL MORTALITY – SMR

Unit	SMR	95% confidence interval [§]	
		Lower limit	Upper limit
Beaumont Hospital General ICU	0.97	0.857	1.103
Beaumont Hospital (Richmond) Neurosurgical ICU	0.91	0.694	1.172
Mater Misericordiae University Hospital HDU	0.96	0.794	1.148
Mater Misericordiae University Hospital ICU	1.07	0.922	1.242
Our Lady of Lourdes Hospital Drogheda ICU	1.02	0.857	1.215
St James's Hospital Cardiothoracic ICU	1.19	0.615	2.082
St James's Hospital General ICU	0.97	0.838	1.11
Tallaght University Hospital ICU *	0.94	0.779	1.117
University Hospital Galway ICU	0.86	0.737	1.002
University Hospital Limerick ICU	0.88	0.732	1.045
University Hospital Waterford ICU	0.9	0.746	1.083
Regional Hospital Mullingar ICU	0.83	0.654	1.048
Wexford General Hospital ICU **	0.96	0.64	1.373
Connolly Hospital ICU	1.03	0.82	1.267
Midland Regional Hospital Tullamore ICU	1.14	0.9	1.429
Naas General Hospital ICU	1.15	0.873	1.487
St Luke's General Hospital Carlow/Kilkenny ICU	1.02	0.818	1.25
St Vincent's University Hospital ICU	1	0.869	1.144
Cork University Hospital Cardiothoracic ICU	1.15	0.765	1.664
Cork University Hospital General ICU	0.92	0.8	1.055
Letterkenny University Hospital ICU	0.88	0.705	1.094
Tipperary University Hospital Clonmel ICU	0.8	0.556	1.111
University Hospital Kerry Tralee ICU *	1.12	0.847	1.456
Cavan General Hospital ICU	0.71	0.502	0.965
Mercy University Hospital Cork ICU	1.09	0.82	1.432
Sligo University Hospital ICU	0.84	0.661	1.063
Mayo University Hospital ICU	0.75	0.6	0.929
Portlincula University Hospital ICU	0.67	0.49	0.892
Midland Regional Hospital Portlaoise ICU **	0.88	0.563	1.309
National	0.94	0.908	0.977

* No data for one quarter.

** No data for two quarters.

§ Confidence interval calculated using Byars approximation

FIGURE 7.8A: RISK-ADJUSTED ACUTE HOSPITAL MORTALITY, PREDICTED RISK < 20% – SMR

Unit	95% Confidence interval [§]		
	SMR	Lower limit	Upper limit
Beaumont Hospital General ICU	0.91	0.617	1.306
Beaumont Hospital (Richmond) Neurosurgical ICU	0.91	0.456	1.637
Mater Misericordiae University Hospital HDU	0.95	0.682	1.3
Mater Misericordiae University Hospital ICU	1.02	0.679	1.478
Our Lady of Lourdes Hospital Drogheda ICU	0.88	0.44	1.578
St James's Hospital Cardiothoracic ICU	1.22	0.489	2.517
St James's Hospital General ICU	0.97	0.651	1.396
Tallaght University Hospital ICU *	0.56	0.3	0.963
University Hospital Galway ICU	0.66	0.41	1.013
University Hospital Limerick ICU	0.69	0.346	1.243
University Hospital Waterford ICU	0.93	0.542	1.491
Regional Hospital Mullingar ICU	0.7	0.333	1.279
Wexford General Hospital ICU **	0.38	NA	NA
Connolly Hospital ICU	0.67	NA	NA
Midland Regional Hospital Tullamore ICU	1.71	0.994	2.734
Naas General Hospital ICU	1.49	0.546	3.252
St Luke's General Hospital Carlow/Kilkenny ICU	0.75	0.343	1.426
St Vincent's University Hospital ICU	1.1	0.745	1.577
Cork University Hospital Cardiothoracic ICU	1.16	0.619	1.989
Cork University Hospital General ICU	0.9	0.539	1.398
Letterkenny University Hospital ICU	0.57	0.227	1.168
Tipperary University Hospital Clonmel ICU	0.46	NA	NA
University Hospital Kerry Tralee ICU *	1.65	0.825	2.961
Cavan General Hospital ICU	0.54	NA	NA
Mercy University Hospital Cork ICU	1.38	0.752	2.311
Sligo University Hospital ICU	0.8	0.365	1.518
Mayo University Hospital ICU	0.81	0.431	1.387
Portlincula University Hospital ICU	0.26	NA	NA
Midland Regional Hospital Portlaoise ICU **	0.77	0.28	1.667
National	0.88	0.795	0.969

* No data for one quarter.

** No data for two quarters.

§ Confidence interval (CI) calculated using Byars approximation, where number of observed deaths greater than 5.

FIGURE 7.9B: RISK ADJUSTED ACUTE HOSPITAL MORTALITY, PREDICTED RISK > 20% – SMR

Unit	SMR	95% confidence interval [§]	
		Lower limit	Upper limit
Beaumont Hospital General ICU	0.98	0.857	1.121
Beaumont Hospital (Richmond) Neurosurgical ICU	0.91	0.672	1.202
Mater Misericordiae University Hospital HDU	0.96	0.76	1.199
Mater Misericordiae University Hospital ICU	1.08	0.917	1.27
Our Lady of Lourdes Hospital Drogheda ICU	1.04	0.863	1.242
St James's Hospital Cardiothoracic ICU	1.15	NA	NA
St James's Hospital General ICU	0.97	0.827	1.121
Tallaght University Hospital ICU *	1.02	0.835	1.223
University Hospital Galway ICU	0.9	0.761	1.058
University Hospital Limerick ICU	0.9	0.744	1.08
University Hospital Waterford ICU	0.9	0.73	1.094
Regional Hospital Mullingar ICU	0.86	0.662	1.102
Wexford General Hospital ICU **	1.08	0.71	1.568
Connolly Hospital ICU	1.06	0.843	1.319
Midland Regional Hospital Tullamore ICU	1.04	0.793	1.344
Naas General Hospital ICU	1.12	0.837	1.469
St Luke's General Hospital Carlow/Kilkenny ICU	1.06	0.841	1.316
St Vincent's University Hospital ICU	0.98	0.845	1.138
Cork University Hospital Cardiothoracic ICU	1.14	0.639	1.884
Cork University Hospital General ICU	0.92	0.797	1.066
Letterkenny University Hospital ICU	0.93	0.735	1.164
Tipperary University Hospital Clonmel ICU	0.86	0.586	1.21
University Hospital Kerry Tralee ICU *	1.04	0.758	1.39
Cavan General Hospital ICU	0.74	0.511	1.032
Mercy University Hospital Cork ICU	1.02	0.725	1.394
Sligo University Hospital ICU	0.85	0.654	1.089
Mayo University Hospital ICU	0.74	0.58	0.933
Portiuncula University Hospital ICU	0.75	0.544	1.013
Midland Regional Hospital Portlaoise ICU **	0.93	0.548	1.463
National	0.95	0.916	0.992

* No data for one quarter.

** No data for two quarters.

§ Confidence interval (CI) calculated using Byars approximation, where number of observed deaths greater than 5.

Appendix 3: Estimated data tables

FIGURE 4.1: NUMBERS OF ADMISSIONS TO EACH UNIT IN 2023

Unit	Documented	Extrapolated	Full year estimate
Beaumont Hospital General ICU	1107	0	1107
Beaumont Hospital (Richmond) Neurosurgical ICU	368	0	368
Mater Misericordiae University Hospital HDU	1339	0	1339
Mater Misericordiae University Hospital ICU	1092	0	1092
Our Lady of Lourdes Hospital Drogheda ICU	440	0	440
St James's Hospital Cardiothoracic ICU	313	0	313
St James's Hospital General ICU	1030	0	1030
Tallaght University Hospital ICU *	719	240	959
University Hospital Galway ICU	1047	0	1047
University Hospital Limerick ICU	480	0	480
University Hospital Waterford ICU	626	0	626
Regional Hospital Mullingar ICU	433	0	433
Wexford General Hospital ICU **	145	145	290
Connolly Hospital ICU	280	0	280
Midland Regional Hospital Tullamore ICU	315	0	315
Naas General Hospital ICU	156	0	156
St Luke's General Hospital Carlow/Kilkenny ICU	367	0	367
St Vincent's University Hospital ICU	798	0	798
Cork University Hospital Cardiothoracic ICU	614	0	614
Cork University Hospital General ICU	706	0	706
Letterkenny University Hospital ICU	371	0	371
Tipperary University Hospital Clonmel ICU	221	0	221
University Hospital Kerry Tralee ICU *	185	62	247
Cavan General Hospital ICU	272	0	272
Mercy University Hospital Cork ICU	373	0	373
Sligo University Hospital ICU	341	0	341
Mayo University Hospital ICU	448	0	448
Portlincula University Hospital ICU	404	0	404
Midland Regional Hospital Portlaoise ICU **	162	162	324
National	15152	609	15761

* No data for one quarter.

** No data for two quarters.

FIGURE 4.3: NUMBERS OF ADMISSIONS TO EACH UNIT: (1) AFTER ANY TRAUMA AND (2) AFTER TRAUMATIC BRAIN INJURY (TBI) IN 2023

Unit	After trauma			After TBI		
	Documented	Extrapolated	Full year estimate	Documented	Extrapolated	Full year estimate
Beaumont Hospital General ICU	129	0	129	85	0	85
Beaumont Hospital (Richmond) Neurosurgical ICU	93	0	93	91	0	91
Mater Misericordiae University Hospital HDU	119	0	119	18	0	18
Mater Misericordiae University Hospital ICU	97	0	97	18	0	18
Our Lady of Lourdes Hospital Drogheda ICU	43	0	43	7	0	7
St James's Hospital Cardiothoracic ICU	2	0	2	0	0	0
St James's Hospital General ICU	51	0	51	15	0	15
Tallaght University Hospital ICU *	89	30	119	7	2	9
University Hospital Galway ICU	92	0	92	16	0	16
University Hospital Limerick ICU	43	0	43	11	0	11
University Hospital Waterford ICU	72	0	72	11	0	11
Regional Hospital Mullingar ICU	19	0	19	5	0	5
Wexford General Hospital ICU **	10	10	20	4	4	8
Connolly Hospital ICU	25	0	25	15	0	15
Midland Regional Hospital Tullamore ICU	43	0	43	4	0	4
Naas General Hospital ICU	8	0	8	6	0	6
St Luke's General Hospital Carlow/Kilkenny ICU	17	0	17	4	0	4
St Vincent's University Hospital ICU	33	0	33	7	0	7
Cork University Hospital Cardiothoracic ICU	12	0	12	0	0	0
Cork University Hospital General ICU	113	0	113	64	0	64
Letterkenny University Hospital ICU	16	0	16	4	0	4
Tipperary University Hospital Clonmel ICU	7	0	7	5	0	5
University Hospital Kerry Tralee ICU *	10	3	13	2	1	3
Cavan General Hospital ICU	11	0	11	2	0	2
Mercy University Hospital Cork ICU	6	0	6	0	0	0
Sligo University Hospital ICU	25	0	25	5	0	5
Mayo University Hospital ICU	46	0	46	12	0	12
Portlincula University Hospital ICU	11	0	11	4	0	4
Midland Regional Hospital Portlaoise ICU **	2	2	4	1	1	2
National	1244	45	1289	423	8	431

~ Denotes five cases or fewer.

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

* No data for one quarter.

** No data for two quarters.

FIGURE 5.5: NUMBER OF PATIENTS ADMITTED TO EACH UNIT WHO RECEIVED LEVEL 3 CARE

Unit	Admissions receiving Level 3 care		
	Documented	Extrapolated	Full year estimate
Beaumont Hospital General ICU	642	0	642
Beaumont Hospital (Richmond) Neurosurgical ICU	262	0	262
Mater Misericordiae University Hospital HDU	95	0	95
Mater Misericordiae University Hospital ICU	1012	0	1012
Our Lady of Lourdes Hospital Drogheda ICU	240	0	240
St James's Hospital Cardiothoracic ICU	289	0	289
St James's Hospital General ICU	588	0	588
Tallaght University Hospital ICU *	301	100	401
University Hospital Galway ICU	302	0	302
University Hospital Limerick ICU	341	0	341
University Hospital Waterford ICU	256	0	256
Regional Hospital Mullingar ICU	140	0	140
Wexford General Hospital ICU **	68	68	136
Connolly Hospital ICU	200	0	200
Midland Regional Hospital Tullamore ICU	105	0	105
Naas General Hospital ICU	103	0	103
St Luke's General Hospital Carlow/Kilkenny ICU	100	0	100
St Vincent's University Hospital ICU	497	0	497
Cork University Hospital Cardiothoracic ICU	495	0	495
Cork University Hospital General ICU	534	0	534
Letterkenny University Hospital ICU	175	0	175
Tipperary University Hospital Clonmel ICU	118	0	118
University Hospital Kerry Tralee ICU *	83	28	111
Cavan General Hospital ICU	84	0	84
Mercy University Hospital Cork ICU	159	0	159
Sligo University Hospital ICU	132	0	132
Mayo University Hospital ICU	160	0	160
Portlincula University Hospital ICU	114	0	114
Midland Regional Hospital Portlaoise ICU **	16	16	32
National	7611	212	7823

* No data for one quarter.

** No data for two quarters.

FIGURE 6.2: BED DAYS OCCUPIED IN ICU, WITH AND WITHOUT INVASIVE VENTILATION

Unit	ARS			Non-ARS		
	Documented	Extrapolated	Full year estimate	Documented	Extrapolated	Full year estimate
Beaumont Hospital General ICU	3637	0	3637	3812	0	3812
Beaumont Hospital (Richmond) Neurosurgical ICU	2190	0	2190	1543	0	1543
Mater Misericordiae University Hospital HDU	256	0	256	6535	0	6535
Mater Misericordiae University Hospital ICU	4960	0	4960	2959	0	2959
Our Lady of Lourdes Hospital Drogheda ICU	1593	0	1593	1725	0	1725
St James's Hospital Cardiothoracic ICU	643	0	643	1463	0	1463
St James's Hospital General ICU	3499	0	3499	4983	0	4983
Tallaght University Hospital ICU *	1527	509	2036	4417	1472	5889
University Hospital Galway ICU	1292	0	1292	3961	0	3961
University Hospital Limerick ICU	1731	0	1731	2140	0	2140
University Hospital Waterford ICU	896	0	896	2861	0	2861
Regional Hospital Mullingar ICU	747	0	747	1634	0	1634
Wexford General Hospital ICU **	265	265	530	529	529	1058
Connolly Hospital ICU	1189	0	1189	804	0	804
Midland Regional Hospital Tullamore ICU	642	0	642	1135	0	1135
Naas General Hospital ICU	832	0	832	481	0	481
St Luke's General Hospital Carlow/Kilkenny ICU	448	0	448	1332	0	1332
St Vincent's University Hospital ICU	3213	0	3213	3778	0	3778
Cork University Hospital Cardiothoracic ICU	937	0	937	1820	0	1820
Cork University Hospital General ICU	3420	0	3420	3156	0	3156
Letterkenny University Hospital ICU	705	0	705	1074	0	1074
Tipperary University Hospital Clonmel ICU	824	0	824	887	0	887
University Hospital Kerry Tralee ICU *	740	247	987	587	196	783
Cavan General Hospital ICU	243	0	243	1027	0	1027
Mercy University Hospital Cork ICU	831	0	831	1627	0	1627
Sligo University Hospital ICU	488	0	488	1001	0	1001
Mayo University Hospital ICU	453	0	453	1685	0	1685
Portiuncula University Hospital ICU	205	0	205	1726	0	1726
Midland Regional Hospital Portlaoise ICU **	89	89	178	645	645	1290
National	38495	1110	39605	61327	2842	64169

* No data for one quarter.

** No data for two quarters.

FIGURE 10.1: TRANSFERS TO EACH UNIT FROM ANOTHER HOSPITAL

Unit			
	Documented	Extrapolated	Full year estimate
Beaumont Hospital General ICU	106	0	106
Beaumont Hospital (Richmond) Neurosurgical ICU	61	0	61
Mater Misericordiae University Hospital HDU	27	0	27
Mater Misericordiae University Hospital ICU	97	0	97
Our Lady of Lourdes Hospital Drogheda ICU	17	0	17
St James's Hospital Cardiothoracic ICU	10	0	10
St James's Hospital General ICU	63	0	63
Tallaght University Hospital ICU *	42	14	56
University Hospital Galway ICU	83	0	83
University Hospital Limerick ICU	16	0	16
University Hospital Waterford ICU	28	0	28
Regional Hospital Mullingar ICU	13	0	13
Wexford General Hospital ICU **	1	1	2
Connolly Hospital ICU	11	0	11
Midland Regional Hospital Tullamore ICU	13	0	13
Naas General Hospital ICU	4	0	4
St Luke's General Hospital Carlow/Kilkenny ICU	8	0	8
St Vincent's University Hospital ICU	87	0	87
Cork University Hospital Cardiothoracic ICU	11	0	11
Cork University Hospital General ICU	129	0	129
Letterkenny University Hospital ICU	7	0	7
Tipperary University Hospital Clonmel ICU	3	0	3
University Hospital Kerry Tralee ICU *	6	2	8
Cavan General Hospital ICU	6	0	6
Mercy University Hospital Cork ICU	2	0	2
Sligo University Hospital ICU	10	0	10
Mayo University Hospital ICU	10	0	10
Portlincula University Hospital ICU	7	0	7
Midland Regional Hospital Portlaoise ICU **	0	0	0
National	878	17	895

* No data for one quarter.

** No data for two quarters.

FIGURE 10.2: TRANSFERS TO EACH UNIT DIRECTLY FROM ANOTHER ICU

Unit			
	Documented	Extrapolated	Full year estimate
Beaumont Hospital General ICU	53	0	53
Beaumont Hospital (Richmond) Neurosurgical ICU	30	0	30
Mater Misericordiae University Hospital HDU	12	0	12
Mater Misericordiae University Hospital ICU	67	0	67
Our Lady of Lourdes Hospital Drogheda ICU	9	0	9
St James's Hospital Cardiothoracic ICU	1	0	1
St James's Hospital General ICU	39	0	39
Tallaght University Hospital ICU *	35	12	47
University Hospital Galway ICU	67	0	67
University Hospital Limerick ICU	7	0	7
University Hospital Waterford ICU	22	0	22
Regional Hospital Mullingar ICU	3	0	3
Wexford General Hospital ICU **	1	1	2
Connolly Hospital ICU	8	0	8
Midland Regional Hospital Tullamore ICU	6	0	6
Naas General Hospital ICU	4	0	4
St Luke's General Hospital Carlow/Kilkenny ICU	5	0	5
St Vincent's University Hospital ICU	22	0	22
Cork University Hospital Cardiothoracic ICU	2	0	2
Cork University Hospital General ICU	38	0	38
Letterkenny University Hospital ICU	5	0	5
Tipperary University Hospital Clonmel ICU	3	0	3
University Hospital Kerry Tralee ICU *	6	2	8
Cavan General Hospital ICU	5	0	5
Mercy University Hospital Cork ICU	0	0	0
Sligo University Hospital ICU	9	0	9
Mayo University Hospital ICU	9	0	9
Portlincula University Hospital ICU	3	0	3
Midland Regional Hospital Portlaoise ICU **	0	0	0
National	471	15	486

* No data for one quarter.

** No data for two quarters.

FIGURE 10.4: TRANSFERS FROM EACH UNIT DIRECTLY TO ANOTHER ICU

Unit			
	Documented	Extrapolated	Full year estimate
Beaumont Hospital General ICU	38	0	38
Beaumont Hospital (Richmond) Neurosurgical ICU	21	0	21
Mater Misericordiae University Hospital HDU	6	0	6
Mater Misericordiae University Hospital ICU	22	0	22
Our Lady of Lourdes Hospital Drogheda ICU	19	0	19
St James's Hospital Cardiothoracic ICU	0	0	0
St James's Hospital General ICU	17	0	17
Tallaght University Hospital ICU *	19	6	25
University Hospital Galway ICU	40	0	40
University Hospital Limerick ICU	21	0	21
University Hospital Waterford ICU	11	0	11
Regional Hospital Mullingar ICU	17	0	17
Wexford General Hospital ICU **	14	14	28
Connolly Hospital ICU	18	0	18
Midland Regional Hospital Tullamore ICU	7	0	7
Naas General Hospital ICU	18	0	18
St Luke's General Hospital Carlow/Kilkenny ICU	27	0	27
St Vincent's University Hospital ICU	14	0	14
Cork University Hospital Cardiothoracic ICU	1	0	1
Cork University Hospital General ICU	18	0	18
Letterkenny University Hospital ICU	28	0	28
Tipperary University Hospital Clonmel ICU	18	0	18
University Hospital Kerry Tralee ICU *	12	4	16
Cavan General Hospital ICU	9	0	9
Mercy University Hospital Cork ICU	4	0	4
Sligo University Hospital ICU	30	0	30
Mayo University Hospital ICU	46	0	46
Portlincula University Hospital ICU	43	0	43
Midland Regional Hospital Portlaoise ICU **	7	7	14
National	545	31	576

* No data for one quarter.

** No data for two quarters.

Appendix 4: National ICU Audit Governance Committee membership

NATIONAL ICU AUDIT GOVERNANCE COMMITTEE MEMBERSHIP AND MEETING ATTENDANCE 2023							
Representative	Name	02.03.23	08.06.23	27.07.23 (report approval)	14.09.23	14.12.23	Total for 2023
NOCA Clinical Lead Irish National ICU Audit (INICUA)	Dr Rory Dwyer	✓	✓	✓	✓	✓	5/5
NOCA Clinical Lead Irish Paediatric Critical Care Audit (IPCCA)	Dr Martina Healy	✓	✓	X	✓	X	3/5
Chair / Joint Faculty of Intensive Care Medicine of Ireland	Dr Brian Marsh	✓ Chair	✓ Chair	✓ Chair	✓ Chair	X	4/5
Intensive Care Society of Ireland	Dr Catherine Motherway	✓	✓	✓	✓	✓ Chair	5/5
College of Anaesthesiologists of Ireland	Dr Kevin Clarkson	✓	X	✓	✓	X	3/5
Royal College of Surgeons in Ireland	Prof Paul Ridgway	✓	X	X	X	X	1/5
Royal College of Physicians in Ireland	Dr Oisín O Connell	X	X	X	X	X	0/5
Chief Directors of Nursing and Midwifery	Mr. Paul Gallagher	X	✓	X	✓	X	2/5
Ex Officio	Dr Michael Power	✓	X	X	X	X	1/5
HSE Office of the Nursing and Midwifery Services Director	Dr Derek Cribbin	✓	✓	X	✓	✓	4/5
NOCA INICUA Manager	Mary O' Dwyer Baggot	✓	✓	✓	✓	✓	5/5
NOCA INICUA & ICU-BIS Manager	Fionnuala Treanor	✓	✓	✓	✓	✓	5/5
ICU Audit Coordinator Representative	Ms Anita Glynn	✓	✓	X	X	X	2/5
NOCA IPPCA Manager	Ms Karina Hamilton	✓	✓	✓	✓	✓	5/5
IPCCA Coordinator & Data Manager, CHI at Crumlin	Ms Erika Brereton	X	✓	R	n/a	n/a	1/2
PPI (1) for INICUA	Ms Barbara Egan	✓	X	✓	✓	✓	4/5
PPI (2) for INICUA	Mr Damian Nee	✓	✓	✓	✓	✓	5/5
PPI (3) for IPCCA	Ms Fiona Fallon	✓	X	✓	✓	✓	4/5

NOCA Executive Director	Ms Collette Tully	p	p	p	✓	p	1/5
Attended = ✓							
Not attended = X							
Not applicable = n/a							
Proxy = P							

