From the Acting Director Safety, Quality & Standards Directorate

Fergal Bradley

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Your Ref:

Our Ref: AD-0688-13

11 November 2013

Dear Ms Rodgers

ANALYSIS OF ADVERSE INCIDENT AND SERIOUS ADVERSE INCIDENT DATA FOR THE 2012-13 FINANCIAL YEAR

Please find enclosed a statistical analysis of Adverse Incidents (Als) and Serious Adverse Incidents (SAls) recorded by health and social care bodies in the financial year 2012/13, as requested by the Inquiry.

Annex 1 – Provides information on Adverse Incidents by CCS level 1 and CCS level 2 codes and their descriptions. This data is for the Health and Social Care (HSC) Trusts only.

Annex 2 – Provides information on Serious Adverse Incidents by CCS level 1 and CCS level 2 codes and their descriptions. This data covers Health and Social Care Trusts, Primary Care, the HSCB and the PHA.

I have also enclosed (**Annex 3**) additional background information on reporting by HSC Trusts which I hope will assist the Inquiry in its use of the data.

There may be some differences in how Trusts are applying the coding classifications and the Department, in conjunction with the HSCB and Public Health Agency (PHA), are engaged in a project which will deliver a greater level of consistency around this. However, overall the analysis gives a good indication of the areas in which incidents occur. Each AI is of course individually reviewed and each SAI is the subject of an examination/ investigation by the HSCB/PHA.



One should not try to deduce solely from the classifications used whether or not there was an absence of care or whether lessons can be learned which would materially have affected what happened. That information primarily arises from the detailed consideration of individual cases.

The data is of course recorded as part of a system which is designed to identify and disseminate learning which will help to improve the safety and quality of services and I understand that the Health and Social Care Board (HSCB) will be providing more detailed information on the process whereby individual Serious Adverse Incidents are investigated. The Departmental panel will also be able to discuss with the Inquiry how this type of information feeds into the discharge of the Department's functions.

Yours sincerely

FERGAL BRADLEY

Fergal Brudley



Annex 3

TAB 1 – TABLE COMPARING SERIOUS ADVERSE INCIDENTS AND ADVERSE INCIDENTS

	Adverse Incidents	Serious Adverse Incident Reporting
Purpose	As SAI reporting but Trust	Provide a mechanism to effectively share learning in a
	specific	meaningful way; with a focus on safety and quality; ultimately
		leading to service improvement for service users.
Definition	Any event or circumstances	Any event or circumstances that could have or did lead to
	that could have or did lead	harm, loss or damage to people, property, environment or
	to harm, loss or damage to	reputation' arising during the course of the business of a HSC
	people, property,	organisation / Special Agency or commissioned service and
	environment or reputation'	subject to the criteria list below.
	arising during the course of	
	the business of a HSC	
	organisation / Special	
	Agency or commissioned	
	service	
Who	Trust staff from relevant	The Designated Senior Manager and/or Chief Executive of the
reports	Programme of Care	HSC Body is advised of the SAI and it is reports to the
		HSCB/PHA/RQIA by a named lead officer
Where	Trust Governance Leads,	Email to seriousincidents@hscni.net
does the	Medical Director and senior	
report go?	Staff	An SAI Notification is completed within 72 hours and sent to
		the HSCB
		Level 1 - An investigation report must be completed using a
		common template and submitted to the HSCB within four
		weeks.
		Level 2 Investigations– For SAIs where a Root Cause Analysis
		is instigated immediately, Terms of Reference and Membership
		of the Investigation Tem must be submitted to HSCB within
		four weeks of notification. The Investigation Report must be



		Adverse Incidents	Serious Adverse Incident Reporting
			completed within 12 weeks following the date the incident was
			discovered or from the date of the SEA.
			Level 3 Independent Investigation – timescales are agreed with
			the HSCB Designated Review Officer.
	Criteria	Any event or circumstances that could have or did lead	Serious injury to, or the unexpected/unexplained death of:
		to harm, loss or damage to	A service user (including those events which should be
		people, property,	reviewed through a significant event audit)
		environment or reputation'	A staff member in the course of their work
(arising during the course of the business of a HSC	A member of the public whilst visiting a HSC facility;
		organisation / Special	Any death of a child in receipt of HSC services (up to
		Agency or commissioned	eighteenth birthday). This includes hospital and community
		service which does not	services, a Looked After Child or a child whose name is on the
!		satisfy the criteria to be escalated to an SAI.	Child Protection Register;
			Unexpected serious risk to a service user and/or staff member
			and/or member of the public;
			Unexpected or significant threat to provide service and/or
,			maintain business continuity;
			Serious self-harm or serious assault (including attempted suicide, homicide and sexual assaults) by a service user, a member of staff or a member of the public within any healthcare facility providing a commissioned service;
			Serious self-harm or serious assault (including homicide and sexual assaults)
			On other service users,
			On staff or
			On members of the public



	Adverse Incidents	Serious Adverse Incident Reporting
		by a service user in the community who has a mental illness or disorder (as defined within the Mental Health (NI) Order 1986)
		and known to/referred to mental health and related services (including Child & Adolsecent Mental Health Systems,
		psychiatry of old age or leaving and aftercare services) and/or
		learning disability services, in the 12 months prior to the incident;
		Suspected suicide of a service user who has a mental illness or disorder (as defined within the Mental Health (NI) Order
		1986) and known to/referred to mental health and related services (including CAMHS, psychiatry of old age or leaving
		and aftercare services) and/or learning disability services, in the 12 months prior to the incident;
		Serious incidents of public interest or concern relating to:
		• Any of the criteria above
		Theft, fraud, information breaches or data losses
		A member of HSC staff or independent practitioner.
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Incidents by Detail (level 2) grouped by Stage of care (level 1) 1.4.12 to 31.3.13

·	South	Western	Northern	Belfast	Southern	Total
	Eastern					
Access, Appointment, Admission, Transfer, Discharge	1068	621	746	1201	636	4272
Patient absconded	512					512
Access and availability	29					29
Admission	188	127	21	62	140	538
Appointment	125	21	22	100	73	341
Patient AWOL	21					21
Discharge	89	423	669	874	317	2372
Patient's case notes or records	1	1	1	10	11	24
Appointment, Admission, Transfer, Discharge - other	18	9	9	18	7	61
Problem with the referral from primary to secondary care	2	4	4	11	11	32
Transfer	. 83	36	20	126	77	342
Abusive, violent, disruptive or self-harming behaviour	4650	2458	2368	6667	3475	19618
Abuse of patient by staff	24	7	6	57	45	139
Abuse of staff by patients	2044	1183	1390	2940	2061	9618
Abuse - other	893	238	178	1095	51	2455
Abuse of patient by patient	796	588	425	1556	666	4031
Self-harm during 24-hour care	737	287	315	743	388	2470
Self harm in primary care, or not during 24-hour care	147	148	44	240	241	820
Abuse of staff by staff	9	. 7	10	36	23	85
Accident that may result in personal injury	4477	3261	4647	6502	2798	21685
Slips, trips, falls and collisions	3530	2644	3761	5147	2191	17273
Exposure to electricity, hazardous substance, infection etc	36	78	123	197	83	517
Lifting accidents	49	32	114	101	66	362
Accidents in the course of moving patients	65					65
Accident caused by some other means	674	286	497	798	246	2501
Needlestick injury or other incident connected with Sharps	117	187	150	231	161	846
Injury caused by physical or mental strain	6	34	2	28	51	121
Administration and management	73	0	0	0	0	73
Dealing with concerns about colleagues	1					1
Communication between staff, teams or departments	14					14
Patient's case notes or records	3					3
Electronic Patient Record	1					1
Scans / X-ray images	2					2
Administration and management - other	8					8
Adverse events that affect staffing levels	42					42
Test results / reports	2	Warran da		780000030000000000000000000000000000000		2
Anaesthesia	5	7	0	13		
Cardiovascular					6	6

NIAS	
1	1421
Assault	148
Asset loss, damage etc	46
Late Meal Break	247
Building-Land	28
Confidentiality	1
Contact with something	32
Hazardous Substance	13
Drug	105
Equipment	306
Ergonomic	18
Harrassment	13
Manual Handling	78
Organisational	143
Records Management	1
Sharp Object	16
Slip, trip or fall	38
Treatment	19
Vehicle	169
Access, Appointment, Admission, Transfer,	95
Assault	1
Contact with something	1
Drug	4
Equipment	24
Manual Handling	4
Organisational	40
Treatment	11
Vehicle	10
Abusive, violent, disruptive or self-harming	195
Assault	194
Treatment	1
Accident that may result in personal injury	171
Assault	1
Asset loss, damage etc	11
Contact with something	17
Hazardous Substance	6
Equipment	5
Manual Handling	31

Equipment related					2	2
Injury or damage connected with Anaesthesia	1			6	3	10
Neurological factor				1	2	3
Anaesthesia - other	3	6		2		11
Patient factor				3	2	5
Respiratory factor				1	1	2
Preoperative factor	1	1				2
Clinical assessment (investigations, images and lab tests)	257	165	62	399	181	1064
Administration of assessment	10	14	6	12	38	80
Images for diagnosis (scan / x-ray)	26	15	3	25	11	80
Investigations	7					7
Laboratory investigations	193	120	41	329	108	791
Assessment - other	15	11	7	14	4	51
Patient's case notes or records	6	5	5	19	20	
Consent, Confidentiality or Communication	182	106	327	598	154	1367
Communication between staff, teams or departments	108	51	208	430	82	879
Communication with the patient (other than consent issues)	11	20	47	57	37	172
Confidentiality of information	12	12	20	89	22	155
Consent	45	3	1	14	10	73
Consent, Confidentiality or Communication - other	6	20	51	8	3	88
Diagnosis, failed or delayed	0	26	3	13	30	72
Leaking abdominal aortic embolism		1			1	2
Cancer - Dx failed or delayed		5	2	2	7	16
Ectopic or other complications of pregnancy		1				1
Fracture - Dx failed or delayed		2		1	2	5
Some other medical condition		2	1	1	20	24
Diagnosis - other		15		9		24
Financial loss	0	8	1	5	50	64
Financial Loss		8	1	5	50	64
Conveyance	127	0	0	0	0	127
Conveyance	20					20
Delays	7					7
Driving incident	51					51
Vehicle non-arrival	8					8
Road Traffic Accident	39					39
Non - conveyance	2					2
Patient Information (records, documents, test results, scans)	301	137	164	620	347	1569
Patient's case notes or records	245	104	70	443	206	1068
Electronic Patient Record	17	12	4	20	15	68
Scans / X-ray images	7	1	25	12	7	52
Information - other	20	5	25	18	8	76
Test results / reports	12	15	40	127	111	305
Infrastructure or resources (staffing, facilities, environment)	271	220		1404	417	2683
Environmental matters	35	33	41	162	101	
Equipment related	 			1		1
Lack of/delayed availability of facilities/equipment/supplies	29	54	127	346	113	
Information Technology	9	24	3	145		
Infrastructure or resources - other	23	11	20			
Premises	6	1.1	20			6
Adverse events that affect staffing levels	169	98	180	722	175	
Manage exertes that affect stannik levels	103	J	130	, 22		1 25 11

Sharp Object	13
Slip, trip or fall	20
Vehicle	77
Patient Information (records, documents	, t 2
Records Management	2
Medication	7
Drug	4
Treatment	3
Late Meal Break	37
Hazardous Substance	440
Drug	2
Organisational	1
Treatment	1
Vehicle	5
Security	2
Asset loss, damage etc	1
Equipment	1
Treatment, procedure	2
Organisational	1
Treatment	1
Other - please specify in description	5
Late Meal Break	439
Totals:	2820

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Labour or Delivery	419	267	163	410	268	1527
Placental abruption	2	6	1	2	6	17
Anaesthetic problem connected with labour or delivery	3	-5	1		1	10
Born before arrival	14	3	3	4	4	28
Breech presentation	13	1	7	1	5	27
Cord prolapse	5			3	3	11
Elective Caesarean Section	4	6	1	19	4	34
Emergency Caesarean Section	44	18	21	18	50	151
Difficult delivery	6	3	1	5	9	24
Shoulder dystocia	15	50	4	32	25	126
Pathological or suspicious CTG or other fetal distress	7	8		10	7	32
Labour assisted by forceps	9	6	2	16	13	46
Unplanned homebirth		2				2
Delivery using more than one instrument		9		2	3	14
Intrapartum haemorrhage	4			1	2	7
IUGR or placental insufficiency	16	1		3	3	23
Prolonged first or second stage of labour	9	1			1	11
Injury or poor outcome for the mother	115	39	2	92	54	302
Labour or delivery - other	123	48	103	138	30	442
Post-partum haemorrhage > 1,000ml	22	50	10	57	35	174
Twin delivery or multiple birth			1	1		2
Pre-eclampsia	1	1			3	5
Placenta praevia	4	6		1	1	12
Ruptured uterus					1	1
Delivery assisted by ventouse	3	4	6	5	8	26
Medical device/equipment	158	168	200	956	294	1776
Medical device/equipment	158	168	200	956	294	1776
Medication	1627	451	552	2205	1142	5977
Administration or supply of a medicine from a clinical area	558	213	278	987	504	2540
Advice	1	3	0	4	14	22
Monitoring or follow up of medicine use	1	97	1	20	27	146
Supply or use of Over The Counter medicines		16			10	26
Other medication error	187	6	135	28	24	380
Patients reaction to medication		4	3	38	17	62
Preparation of medicines / dispensing in pharmacy	117	55	34	233	119	558
Prescribing			98			98
Supply or use of over-the-counter (OTC) medicine			3			3
Medication error during the prescription process	763	57		895	427	2142
Implementation of care or ongoing monitoring/review	446	535	313	984	316	2594
24-hr monitoring of patients with recognised mental illness	2	3	,		7	12
Inadequate maintenance of fluids	3	2		2	7	14
Infection control	65	80	1	119	39	304
Possible delay or failure to Monitor	48	34	. 17	216	161	476
Postoperative nausea and vomitting				1	1	2
Implementation of care or ongoing monitoring - other	109	68	79	145	7	408
Pain management	4					4
Patient complains of inadequate pain management				1	2	3
Problems following radiation therapy	1			4		5
Pressure sore / decubitus ulcer	214	348	216	496	92	1366
Other - please specify in description	78	12	988	337	53	1468

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Tout.	70	12	000	337	53	1468
Other	78	12	988		ა ე	
Patient satisfaction and surveys	8	0	0	0	SEEDING V	8
Handling complaints	6					6
Continuity of care	2	<u> </u>	2000-00-00-00-00-00-00-00-00-00-00-00-00	<u> 2000-00-00-00-00-00-00-00-00-00-00-00-00</u>		
Referral	24	0	0	0	0	24
Referrals to secondary care / hospital admission	6					6
Referral - other	2					2
Referral to another specialty	16			~~		16
Security	808	347	167	598	241	2161
Security issue related to Equipment	4	21	2	22	22	71
Fires, fire alarms and fire risks	299	60	49	193	80	681
Staff records or information		1		1	1	3
Public order, Protests, Bomb scares, Riot, Disorder		22		13	8	43
Security - other	362	9	9	49	4	433
Security incident related to Premises, Land or Real Estate	36	145	54	106	64	405
Security incident related to Personal property	87	71	50	197	45	450
Security issue related to Vehicles	20	18	3	17	17	75
Treatment, procedure	656	283	128	836	235	2138
Abdominal organs other than digestive	e alegan per enter	4	No. 17 Charles Table (C)	1	6	11
Arteries and veins	8	6	1	5	25	45
Transfusion of Blood related problem	453	64	11	238	25	791
	1	8	1.1	3	18	30
Bones or joints other than skull or spine	1	- 0			10	1
Breast Continue Continue	1	3		2		6
Elective Caesarean Section	Т.	<u> </u>	1		2	3
Emergency Caesarean Section					12	17
Lower digestive tract	2		1	2		
Upper digestive tract	1		4	2	2	5
Surgery to the Ear	1	1	1		1	4
Endocrine system		2			2	4
Eye (OPCS4 - CO1-CO86)	3	5		2	2	12
Lower female genital tract		9	1	4	17	31
Upper female genital tract	3	1			1	5
Operations on the Heart		2		3	1	6
Hip prosthesis		1		1	1	3
Hysterectomy		2	2			4
Infection control	18	8	1	9	17	53
Surgery to joint other than hip or knee				3		3
Male genital organs	3	4		1	2	10
Miscellaneous operations	4	9	1		9	23
Mouth		2	1	6	4	13
Treatment, procedure - other	13	35	53	56	2	159
Respiratory Tract	1	2		6	6	15
Skin	4	4		58	18	84
Soft tissue	<u> </u>	3			17	20
Bones and joints of skull and spine	1			1		2
Soft tissue				1		1
Connected with the management of operations / treatment	138	106	53	427	40	764
	130	100	1	5	5	13
Urinary	778	0		0		
Treatment and intervention	1.500	······································	<u> </u>	<u></u>	sessorum eridis Q	11
Patient deaths	11	l				1 11

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Emergencies .	6					6
Immunisation	3					3
Infection control	2					2
Infection control	68					68
Medical device/equipment	273					273
Treatment, procedure - other	35					35
Pain management	8					8
Resuscitation	2					2
Treatment and interventions	189					189
Patient unwell or ill	181					181
NOT FULLY CLASSIFIED					269	
					269	
Totals:	16413	9072	11200	23748	10922	71355

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Incidents by Incident date (Financial Year)

08/09	11256
09/10	13239
10/11	13525
11/12	15645
12/13	16413
Totals:	70106

Incidents by Impact grouped by Person Type

1.4.12 to 31.3.13

1.4.12 (0.51.5.15	
A&E Patient	90
Insignificant (Impact)	3
Major (Impact)	1
Minor (Impact)	79
Moderate (Impact)	7
Client	660
Insignificant (Impact)	42
Major (Impact)	12
Minor (Impact)	582
Moderate (Impact)	24
Foster Carer	1
Minor (Impact)	1
Home Patient	75
Major (Impact)	3
Minor (Impact)	59
Moderate (Impact)	13
Inpatient	2068
Insignificant (Impact)	80
Major (Impact)	35
Minor (Impact)	1639
Moderate (Impact)	314
Out/Day Patient	94
Insignificant (Impact)	3
Major (Impact)	15
Minor (Impact)	68
Moderate (Impact)	8
Resident	827
Insignificant (Impact)	26
Major (Impact)	6
Minor (Impact)	757
Moderate (Impact)	38
Admin & Clerical	31
Minor (Impact)	29
Moderate (Impact)	2
Admin & Clerical (Agency)	2
Minor (Impact)	2
Works & Maintenance	6
Minor (Impact)	5
Moderate (Impact)	1
Ancilliary & General	227
Insignificant (Impact)	9
Minor (Impact)	216
Moderate (Impact)	2
Ancilliary & General (Agency)	6
Minor (Impact)	6
Nursing, Midwifery and Health Visiting	355
Insignificant (Impact)	24
Major (Impact)	1
	•

Minor (Impact)	322
Moderate (Impact)	8
Nursing Midwifery & Health Visiting (Agency)	16
Insignificant (Impact)	4
Minor (Impact)	12
Nursing, Midwifery and Health Visiting (Students)	10
Insignificant (Impact)	3
Minor (Impact)	7
Social Work	524
Insignificant (Impact)	17
Minor (Impact)	493
Moderate (Impact)	14
Professional & Technical	29
Insignificant (Impact)	2
Minor (Impact)	26
Moderate (Impact)	1
Medical & Dental	24
Insignificant (Impact)	6
Minor (Impact)	17
Moderate (Impact)	1
Medical & Dental (QUB Students)	4
Minor (Impact)	4
Medical & Dental Students (not QUB)	3
Minor (Impact)	3
General Management	6
Minor (Impact)	6
Contractor	4
Minor (Impact)	4
Visitor	33
Insignificant (Impact)	3
Major (Impact)	1
Minor (Impact)	26
Moderate (Impact)	3
Volunteer	1
Minor (Impact)	1
Totals:	5096

SAIs by Detail (level 2) grouped by Stage of care (level 1)

1 April 2012 to 31 March 20	13 Total
Access, Appointment, Admission, Transfer, Discharge	23
Admission	5
Discharge	13
Problem with the referral from primary to secondary care	1
Transfer	4
Abusive, violent, disruptive or self-harming behaviour	160
Abuse by the staff to the patient	10
Abuse etc of Staff by patients	4
Abuse - other	15
Abuse etc of patient by patient	3
Self-harm during 24-hour care	9
Self harm in primary care, or not during 24-hour care	119
Accident that may result in personal injury	13
Slips, trips, falls and collisions	8
Exposure to electricity, hazardous substance, infection etc	2
Accident caused by some other means	1
Injury caused by physical or mental strain	2
Anaesthesia	4
Cardiovascular	1
Equipment related	1
Respiratory factor	2
Clinical assessment (investigations, images and lab tests)	11
Administration of assessment	6
Images for diagnosis (scan / x-ray)	4
Laboratory investigations	1
Consent, Confidentiality or Communication	7
Communication between staff, teams or departments	2
Confidentiality of information	5

Diagnosis, failed or delayed	13
Leaking abdominal aortic embolism	1
Cancer - Dx failed or delayed	8
Fracture - Dx failed or delayed	1
Diagnosis - other	3
Financial loss	2
Financial Loss	2
Patient Information (records, documents, test results, scans)	14
Patient's case notes or records	8
Electronic Patient Record	1
Scans / X-ray images	1
Test results / reports	4
Infrastructure or resources (staffing, facilities, environment)	11
Environmental matters	3
Lack of/delayed availability of facilities/equipment/supplies	1
Information Technology	2
Infrastructure or resources - other	3
Adverse events that affect staffing levels	2
Labour or Delivery	5
Anaesthetic problem connected with labour or delivery	1
Cord prolapse	1
Emergency Caesarean Section	3
Medical device/equipment	5
Medical device/equipment	5
Medication	13
Administration or supply of a medicine from a clinical area	9
Other medication error	1
Medication error during the prescription process	3
Implementation of care or ongoing monitoring/review	8
Infection control	2
Possible delay or failure to Monitor	6
Other - please specify in description	6
Other	6

Security	9
Fires, fire alarms and fire risks	6
Security - other	1
Security incident related to Premises, Land or Real Estate	1
Security incident related to Personal property	1
Treatment, procedure	16
Arteries and veins	2
Emergency Caesarean Section	1
Lower digestive tract	1
Upper Digestive tract	1
Operations on the Heart	1
Infection control	6
Treatment, procedure - other	1
Connected with the management of operations / treatment	3
Totals:	320