

Table 3. 16 DRGs at risk of weekend effect: number of weekday/weekend admissions and deaths, Odds Ratios (OR), Hazard Ratios (HR). OR are broke down into in-hospital and post-discharge ratios

DRG	Admissions		Deaths			In-hospital and Post-discharge				In-hospital only		Post-discharge only	
	Weekday	Weekend	Weekday	Weekend	Excess Deaths ¹ (95%CI)	p Value	OR (95%CI)	p Value	HR (95%CI)	p Value	OR (95%CI)	p Value	OR (95%CI)
B02, Craniotomy	3475	965	256	101	26(18-36)	.001	1.51(1.18-1.94)	.002	1.44(1.14-1.81)	.003	1.47(1.14-1.89)	.042	4.48(1.06-18.91)
B67, Degenerative Nervous System Disorders	6192	1836	267	105	26(18-36)	.005	1.40(1.1-1.77)	.004	1.39(1.11-1.74)	.004	1.44(1.12-1.83)	.987	1.11(0.47-2.63)
B70, Stroke and Other Cerebrovascular Disorders	36762	13274	4627	1855	165(137-195)	<.001	1.13(1.07-1.2)	<.001	1.12(1.06-1.18)	<.001	1.13(1.07-1.2)	.166	1.15(0.95-1.38)
E61, Pulmonary Embolism	12123	2963	409	153	44(33-57)	<.001	1.59(1.31-1.93)	<.001	1.53(1.27-1.84)	<.001	1.64(1.34-1.99)	.991	1.13(0.45-2.82)
E64, Pulmonary Oedema and Respiratory Failure	4635	1734	941	413	61(48-75)	.001	1.25(1.09-1.43)	.001	1.21(1.08-1.36)	.002	1.24(1.08-1.42)	.405	1.28(0.77-2.13)
E71, Respiratory Neoplasms	9648	2895	1658	672	172(151-195)	<.001	1.45(1.31-1.61)	<.001	1.39(1.27-1.52)	<.001	1.43(1.29-1.59)	.013	1.50(1.1-2.04)
F62, Heart Failure and Shock	45191	14598	2476	932	120(96-146)	<.001	1.17(1.08-1.27)	<.001	1.17(1.08-1.26)	<.001	1.16(1.07-1.26)	.066	1.32(0.99-1.75)
F65, Peripheral Vascular Disorders	7457	2069	844	310	38(18-74)	<.001	1.37(1.18-1.59)	<.001	1.31(1.15-1.5)	<.001	1.38(1.18-1.62)	.196	1.31(0.9-1.91)
F70, Major Arrhythmia and Cardiac Arrest	7268	2842	3157	1326	98(82-113)	.004	1.14(1.04-1.25)	.009	1.10(1.02-1.16)	.004	1.14(1.04-1.25)	.727	1.07(0.79-1.44)
G60, Digestive Malignancy	5244	1571	904	365	92(74-114)	<.001	1.45(1.26-1.67)	<.001	1.40(1.24-1.59)	<.001	1.48(1.29-1.71)	.326	1.25(0.83-1.89)

¹ Excess deaths for each DRGs were calculated as the product of the cumulative excess mortality risk and the corresponding number of weekend admissions for that DRG.

H61, Malignancy of Hepatobiliary System, Pancreas	4209	1253	822	338	90(60-127)	<.001	1.54(1.33- 1.78)	<.001	1.44(1.27- 1.64)	<.001	1.49(1.28- 1.74)	.025	1.68(1.09-2.6)
I65. Connective Tissue Malignancy, including Pathological Fracture	4415	1208	246	94	22(2-151)	.005	1.43(1.11- 1.84)	.004	1.41(1.11-1.8)	.003	1.48(1.14- 1.93)	.667	1.27(0.61-2.68)
J62, Malignant Breast Disorders	1382	418	220	97	31(23-41)	.001	1.60(1.22-2.1)	<.001	1.56(1.22- 1.98)	<.001	1.73(1.31- 2.29)	.955	0.88(0.36-2.16)
L60, Renal Failure	8344	2313	936	320	44(20-87)	.001	1.25(1.09- 1.44)	.002	1.23(1.08-1.4)	.003	1.24(1.07- 1.43)	.063	1.59(1-2.54)
R60, Acute Leukaemia R61, Lymphoma and Non-Acute Leukaemia	2401	597	176	71	17(12-25)	<.001	1.82(1.34- 2.49)	<.001	1.69(1.28- 2.22)	<.001	1.95(1.41- 2.68)	.92	1.17(0.33-4.11)
	8487	1915	431	173	75(61-90)	<.001	1.88(1.56- 2.26)	<.001	1.83(1.54- 2.19)	<.001	1.98(1.63- 2.41)	.971	1.07(0.55-2.08)
All 430 DRGs	2 418 198	898 975	46 507	18 282		<.001	1.17(1.15- 1.19)	<.001	1.16(1.14- 1.18)	<.001	1.17(1.14- 1.19)	<.001	1.18(1.12-1.25)