

Supplementary Tables

Table A0: Factors Associated with Long Discharge Delay (> 24 hours)

Variable	Adjusted Odds Ratio (AOR)	95% CI	P-value
Female Sex	0.840	0.730-0.965	0.014
Precautions for MRSA	1.615	1.332-1.949	<0.001
Precautions for VRE	1.408	1.04-1.882	0.023
Precautions for C. Diff	1.695	1.267-2.241	<0.001
Callout Month (relative to Jan)			
Feb	0.989	0.711-1.377	0.949
Mar	0.500	0.34-0.727	<0.001
Apr	0.672	0.462-0.971	0.036
May	0.700	0.49-0.996	0.048
Jun	0.623	0.438-0.882	0.008
Jul	0.880	0.621-1.245	0.472
Aug	1.137	0.825-1.569	0.433
Sep	1.272	0.929-1.746	0.135
Oct	1.084	0.789-1.495	0.619
Nov	1.076	0.779-1.489	0.658
Dec	0.580	0.4-0.836	0.004
Callout Year (Relative to 2005)			
2006	1.649	1.212-2.263	0.002
2007	0.91	0.666-1.252	0.555
2008	0.212	0.149-0.303	<0.001
2009	0.249	0.172-0.36	<0.001
2010	0.25	0.178-0.352	<0.001
2011	0.188	0.131-0.271	<0.001
Callout Day of Week (relative to Friday)			
Monday	0.635	0.481-0.834	0.001
Saturday	1.822	1.332-2.493	<0.001
Sunday	1.554	1.126-2.143	0.007
Thursday	0.897	0.699-1.151	0.392
Tuesday	0.706	0.547-0.911	0.007
Wednesday	0.616	0.477-0.796	<0.001
Callout Request for First Available Floor Bed (When Hospital is <90% Capacity)	0.513	0.358-0.751	<0.001
90-100% Capacity (when specific floor bed requested, relative to <90%)	2.319	1.486-3.663	<0.001
>100% Capacity (when specific floor bed requested, relative to <90%)	3.349	1.908-5.851	<0.001
90-100% Capacity (when first available floor bed requested, relative to <90%)	3.505	2.713-4.422	<0.001
>100% Capacity (when first available floor bed requested, relative to <90%)	9.487	6.954-12.931	<0.001
Hour of Callout (relative to 07:00-12:00)			
00:00-07:00	1.211	0.357-3.081	0.721
12:00-19:00	1.355	1.174-1.563	<0.001
19:00-23:59	1.102	0.644-1.788	0.709

C Diff= Clostridium Difficile

MRSA= Methicillin Resistant Staphylococcus Aureus

VRE= Vancomycin Resistant Enterococcus

OASIS= Oxford Acute Severity of Illness Score

Table A1: Factors Associated with a Good HFD Outcome (>21 HFDs)

Variable	Adjusted Odds Ratio (AOR)	95% CI	P-value
Long Discharge Delay	0.984	0.843-1.152	0.844
OASIS Score (relative to <27)			
27-33	0.822	0.731-0.925	0.001
>33	0.675	0.594-0.767	<0.001
Age (relative to <56.1)			
56.1-73.7	0.971	0.862-1.094	0.631
> 73.7	1.136	1.00-1.290	0.05
Precautions for VRE	0.549	0.451-0.670	<0.001
Precautions for C. Diff	0.711	0.582-0.871	0.001
Elixhauser Score (relative to <=0)			
1-6	0.685	0.606-0.774	<0.001
>=7	0.496	0.44-0.559	<0.001
LOS Before Call Out (Days, relative to <1)			
1-2.99	0.843	0.744-0.956	0.008
3-6.99	0.532	0.461-0.613	<0.001
7-27.99	0.270	0.230-0.316	<0.001
>=28	0.120	0.062-0.221	<0.001
Year of Call out: (Relative to 2005)			
2006	1.011	0.771-1.319	0.938
2007	1.161	0.893-1.503	0.262
2008	1.369	1.054-1.771	0.018
2009	1.396	1.074-1.807	0.012
2010	1.261	0.972-1.627	0.077
2011	1.442	1.110-1.864	0.006
Callout Request for First Available Floor Bed	1.691	1.490-1.917	<0.001

Table A2: Factors Associated with a Bad HFD Outcome (≤ 7 HFDs)

Variable	Adjusted Odds Ratios (AOR)	95% CI	P-value
Long Discharge Delay	1.015	0.799-1.278	0.903
OASIS Score (relative to <27)			
27-33	1.347	1.104-1.646	0.003
>33	2.264	1.867-2.752	<0.001
Request for Telemetry	0.790	0.672-0.927	0.004
Precautions for VRE	1.798	1.367-2.34	<0.001
Precautions for C. Diff	1.507	1.138-1.972	0.003
Elixhauser Score (relative to ≤ 0)			
1-6	1.674	1.348-2.083	<0.001
≥ 7	2.796	2.296-3.423	<0.001
LOS Before Call Out (Days, relative to <1)			
1-2.99	1.01	0.815-1.256	0.928
3-6.99	1.814	1.448-2.278	<0.001
7-27.99	2.965	2.347-3.754	<0.001
≥ 28	11.258	6.231-20.367	<0.001
Year of Call out: (Relative to 2005)			
2006	0.954	0.647-1.429	0.813
2007	0.805	0.551-1.196	0.27
2008	0.676	0.462-1.007	0.049
2009	0.653	0.446-0.972	0.031
2010	0.732	0.503-1.086	0.112
2011	0.544	0.369-0.815	0.003
Callout Request for First Available Floor Bed	0.501	0.419-0.601	<0.001

Table A3: Factors Associated with In Hospital Death

Variable	Adjusted Odds Ratio AOR	95% CI	p-value
Long Discharge Delay	0.991	0.74-1.309	0.948
OASIS Score (relative to <27)			
27-33	2.034	1.542-2.705	<0.001
>33	4.199	3.23-5.52	<0.001
Request for Telemetry	0.736	0.601-0.896	0.002
Precautions for VRE	1.848	1.335-2.514	<0.001
Precautions for C. Diff	1.531	1.101-2.091	0.009
Elixhauser Score (relative to <=0)			
1-6	2.142	1.604-2.887	<0.001
>=7	3.759	2.888-4.956	<0.001
LOS Before Call Out (Days, relative to <1)			
1-2.99	0.922	0.709-1.206	0.55
3-6.99	1.646	1.252-2.17	<0.001
7-27.99	2.314	1.739-3.087	<0.001
>=28	10.14	5.319-18.993	<0.001
Year of Call out: (Relative to 2005)			
2006	0.79	0.502-1.272	0.32
2007	0.704	0.453-1.121	0.128
2008	0.547	0.349-0.877	0.01
2009	0.501	0.32-0.803	0.003
2010	0.638	0.412-1.013	0.049
2011	0.52	0.332-0.834	0.005
Callout Request for First Available Floor Bed	0.506	0.406-0.634	<0.001

Table A4: Factors Associated with log of Post ICU Discharge Length Of Stay

Variable		Regression Coefficient	95% CI	P-value
Long Discharged Delay		-0.131	(-0.179,-0.083)	<0.001
OASIS Score (relative to <27)				
	27-33	0.054	(0.018,0.09)	0.003
	>33	0.074	(0.037,0.112)	<0.001
Age (relative to <56.1)				
	56.1-73.7	0.080	(0.044,0.116)	<0.001
	> 73.7	0.035	(-0.004,0.074)	0.076
Female Sex		0.042	(0.013,0.071)	0.004
Request for Telemetry		0.047	(0.017,0.077)	0.002
Request for Respiratory Care		0.127	(0.015,0.239)	0.027
Precautions for MRSA		0.120	(0.077,0.164)	<0.001
Precautions for VRE		0.148	(0.079,0.217)	<0.001
Precautions for C. Diff		0.126	(0.058,0.194)	<0.001
Elixhauser Score (relative to <=0)				
	1-6	0.109	(0.074,0.145)	<0.001
	>=7	0.226	(0.190,0.262)	<0.001
LOS Before Call Out (Days, relative to <1)				
	1-2.99	0.094	(0.058,0.129)	<0.001
	3-6.99	0.290	(0.247,0.334)	<0.001
	7-27.99	0.549	(0.495,0.602)	<0.001
	>=28	0.741	(0.503,0.979)	<0.001
Callout Day of Week (relative to Friday)				
	Monday	-0.115	(-0.169,-0.061)	<0.001
	Saturday	-0.028	(-0.086,0.029)	0.334
	Sunday	-0.065	(-0.123,-0.007)	0.029
	Thursday	-0.037	(-0.091,0.017)	0.177
	Tuesday	-0.126	(-0.180,-0.072)	<0.001
	Wednesday	-0.062	(-0.115,-0.009)	0.022
Callout Request for First Available Floor Bed		-0.185	(-0.228,-0.142)	<0.001
Percentage of Hospital Beds Occupied (relative to <90%)				
	90-100%	-0.001	(-0.040,0.038)	0.963
	>100%	-0.062	(-0.113,-0.011)	0.018
Medical Service Assignment		-0.068	(-0.126,-0.010)	0.022