

## Supplementary file 2

Table B: Mean (SD) occupancy over 12 months taken at 15-minute intervals over the study period

Provider	ED patients		Emergency inpatients		Overnight elective inpatients		Elective day case inpatients		Maternity inpatients	
	mean	(sd)	mean	(sd)	mean	(sd)	mean	(sd)	mean	(sd)
provider 1	61	(26)	585	(42)	78	(15)	20	(31)	37	(7)
provider 2	48	(17)	1173	(79)	204	(29)	34	(51)	50	(8)
provider 3	45	(16)	653	(41)	23	(8)	10	(14)	46	(9)
provider 4	64	(21)	1178	(70)	58	(11)	22	(29)	34	(8)
provider 5	35	(15)	602	(32)	38	(11)	20	(27)	58	(9)
provider 6	63	(27)	1018	(50)	76	(16)	17	(24)	34	(7)
provider 7	29	(11)	620	(38)	36	(10)	11	(15)	11	(3)
provider 8	44	(14)	866	(51)	99	(15)	21	(29)	33	(6)
provider 9	46	(19)	710	(41)	62	(17)	22	(33)	35	(6)
provider 10	19	(8)	509	(33)	35	(13)	14	(23)	20	(5)
provider 11	79	(25)	1285	(70)	76	(19)	35	(49)	36	(7)
provider 12	54	(21)	1203	(67)	60	(16)	34	(47)	40	(8)
provider 13	61	(18)	662	(37)	51	(12)	21	(33)	19	(5)
<b>All providers</b>	<b>647</b>	<b>(198)</b>	<b>11065</b>	<b>(426)</b>	<b>894</b>	<b>(154)</b>	<b>282</b>	<b>(394)</b>	<b>454</b>	<b>(46)</b>

Figure 3 - Numbers of patients by setting, by hour of day, day of week and month of year  
 15-minute intervals in 2019 | within provider z-score | whiskers denote 1.5 IQR | outliers not shown

