



# **Space Sampling Key Results**

**All Campuses**

**Teaching Spaces**

**9<sup>th</sup> Feb 2015 – 2<sup>nd</sup> April 2015**

Estate Management 2015 V1.1

**dream plan achieve**

# Purpose

- This demonstrates the key results from the survey taking place between 09/02/2015 and 02/04/2015 (3 phases over 8 weeks)
- A full analysis of results will be distributed in due course

# Statistics

- 09/02/2015 – 02/04/2015 (3 phases over 8 weeks)
- Sampling period 0900-2100, Monday to Friday
- 387 Rooms (Teaching Space)- each visited on average 38 times
- Space Auditors using “defined outcomes”
- 13938 samples across the University

# Methodology

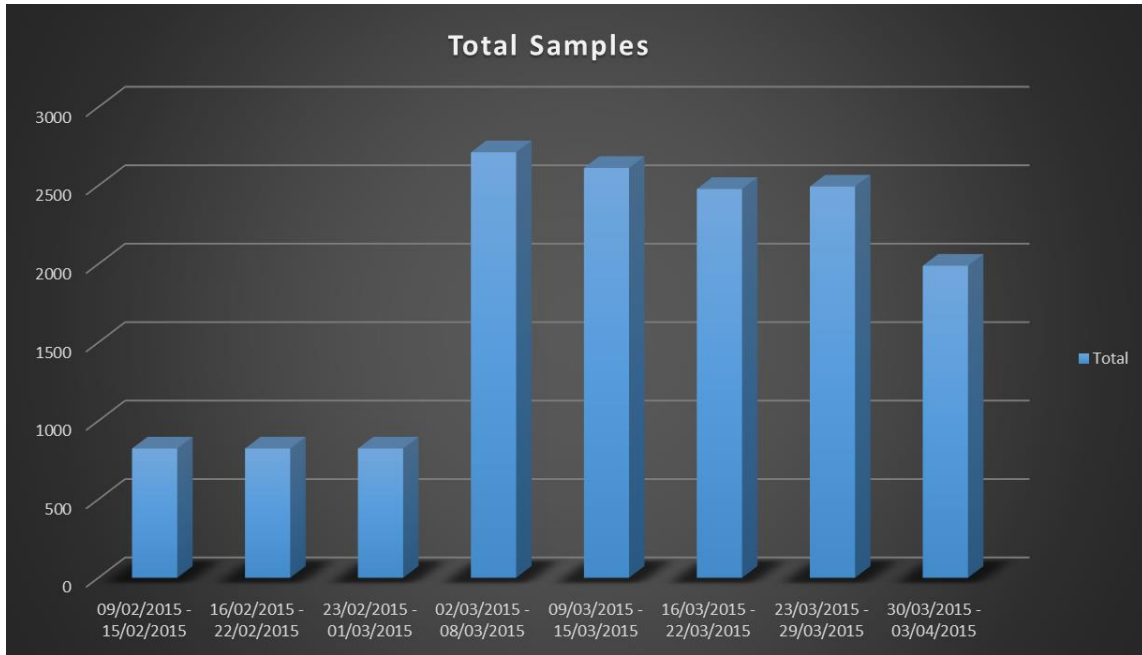
- Optimised (rolling) sampling day patterns
- Strict time slot for each sample
- Specially designed sampling sheet
- 8 sampling outcomes categories
- Module code confirmations
- Accurate headcounts
- Double checking by supervisors

# Example of Sampling Sheet

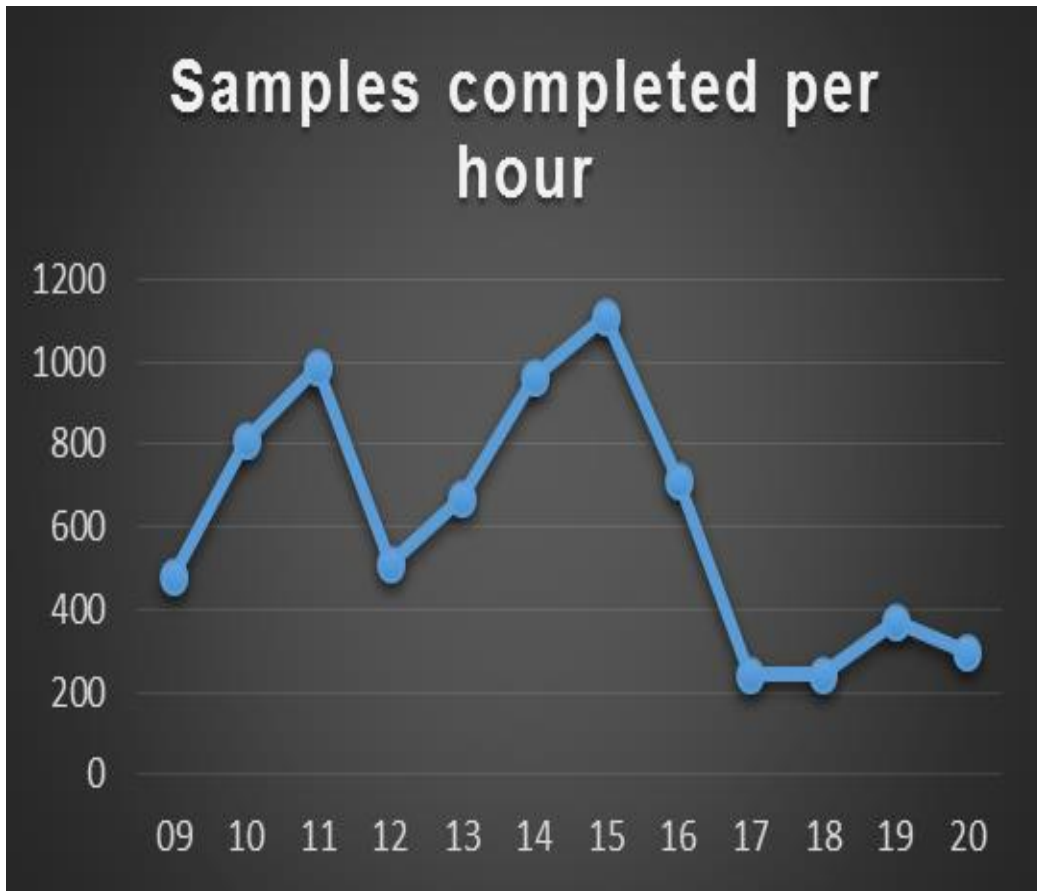
Sample	Date	Week	Time	Day Pattern	Room	Team Member	Activity Planned (From S+ Sheets) - Enter Module Prefix	Module Code Prefix Cross Checked by Supervisor	Outcome Confirmed	Maximum Capacity	Actual Students Numbers
1493	23/03/2015	7	10:05	2	RB/201	Team Member 3		Y	Room Not In Use - planned	30	0
1495	23/03/2015	7	10:12	2	RB/214	Team Member 3	6001BUSAF	Y	Module or Activity Confirmed	20	12
1497	23/03/2015	7	10:20	2	RB/226	Team Member 3	6001BUSAF	Y	Room Not In Use - not planned	20	0
1499	23/03/2015	7	10:28	2	RB/227	Team Member 3	5016BUSMK	Y	Module or Activity Confirmed	20	15
1500	23/03/2015	7	10:36	2	RB/233	Team Member 3		Y	Room in use - Not Planned	52	4
1503	23/03/2015	7	10:45	2	RB/234	Team Member 3		Y	Room Not In Use - planned	14	0
1505	23/03/2015	7	11:05	2	RB/301	Team Member 3	4003BUSPR	Y	Room in Different Use - Teaching	30	17
1507	23/03/2015	7	11:12	2	RB/314	Team Member 3	6003BUSAF	Y	Room in Different Use - Non Teaching	20	5
1509	23/03/2015	7	11:20	2	RB/319	Team Member 3	4000BUSPR	Y	Module or Activity Confirmed	30	22
1511	23/03/2015	7	11:28	2	RB/322	Team Member 3		Y	Room Not In Use - planned	4	0

## Possible Outcomes:

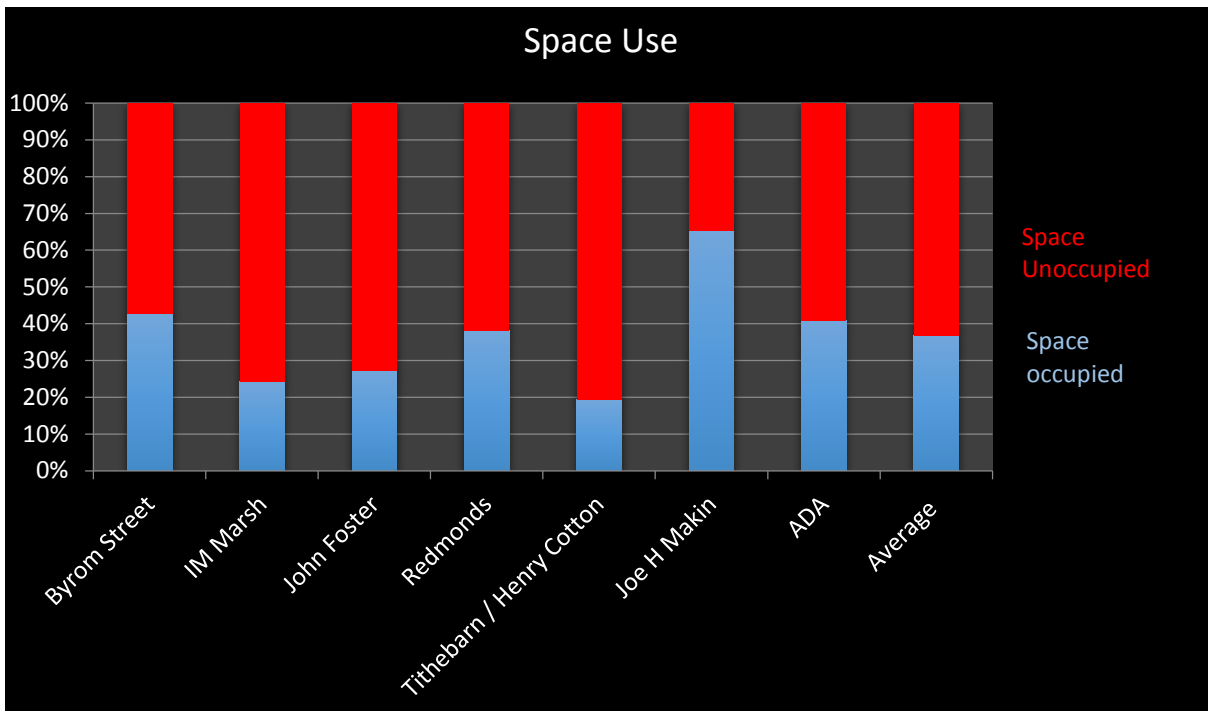
- 1) Module or Activity Confirmed
- 2) Room not in use – planned
- 3) Room not in use – not planned
- 4) Room in different use – teaching
- 5) Room in different use – non teaching
- 6) Room in use – not planned
- 7) Unable to sample – no cooperation
- 8) Unable to sample – time constraint or other



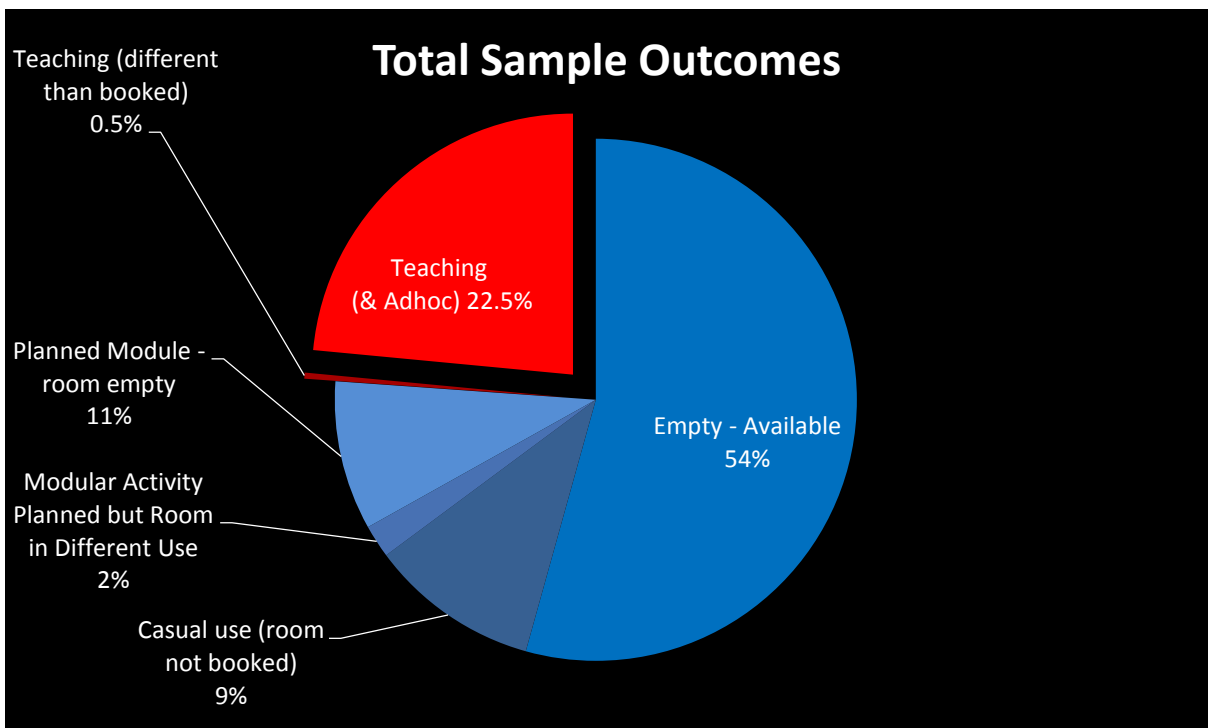
This chart shows the amount of samples taken each week during the whole sampling period.



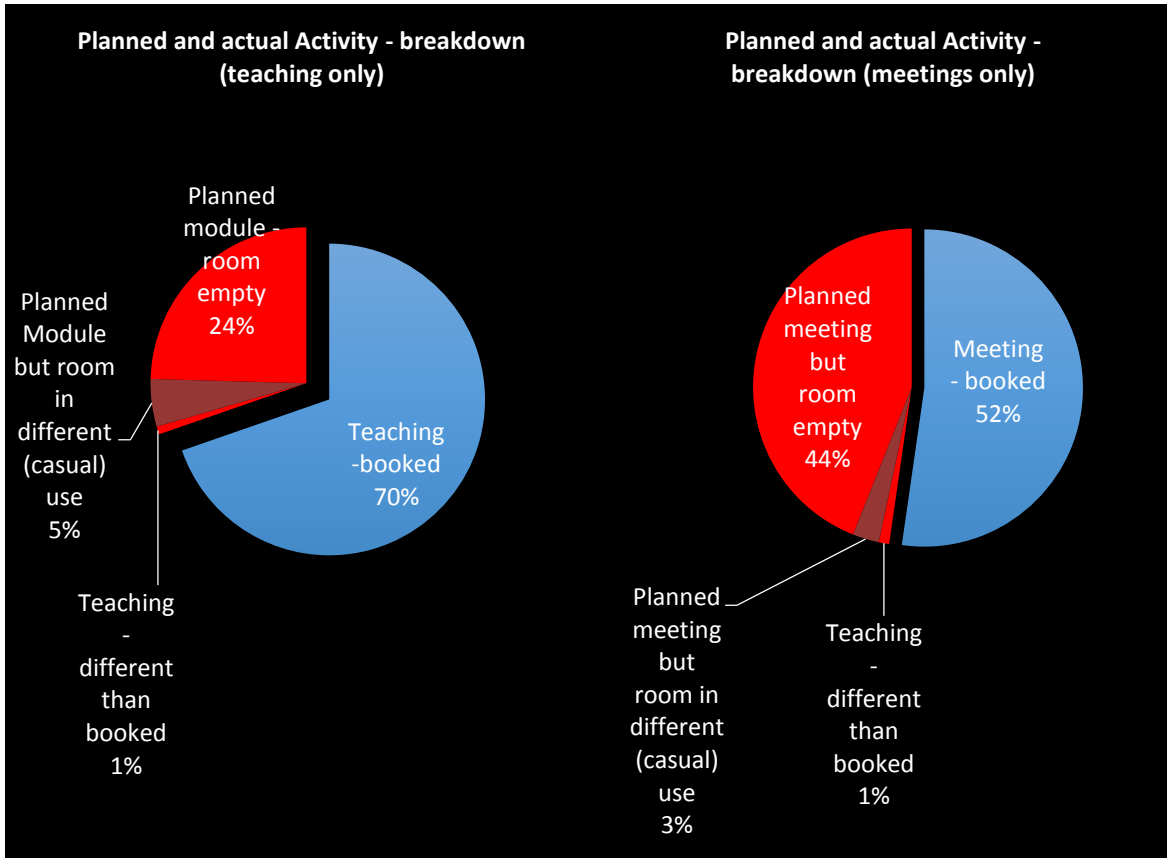
This chart shows the amount of samples completed per hour, over the time slots.



This chart shows the percentage of space being (usefully) occupied and unoccupied in each building during the whole sampling period.

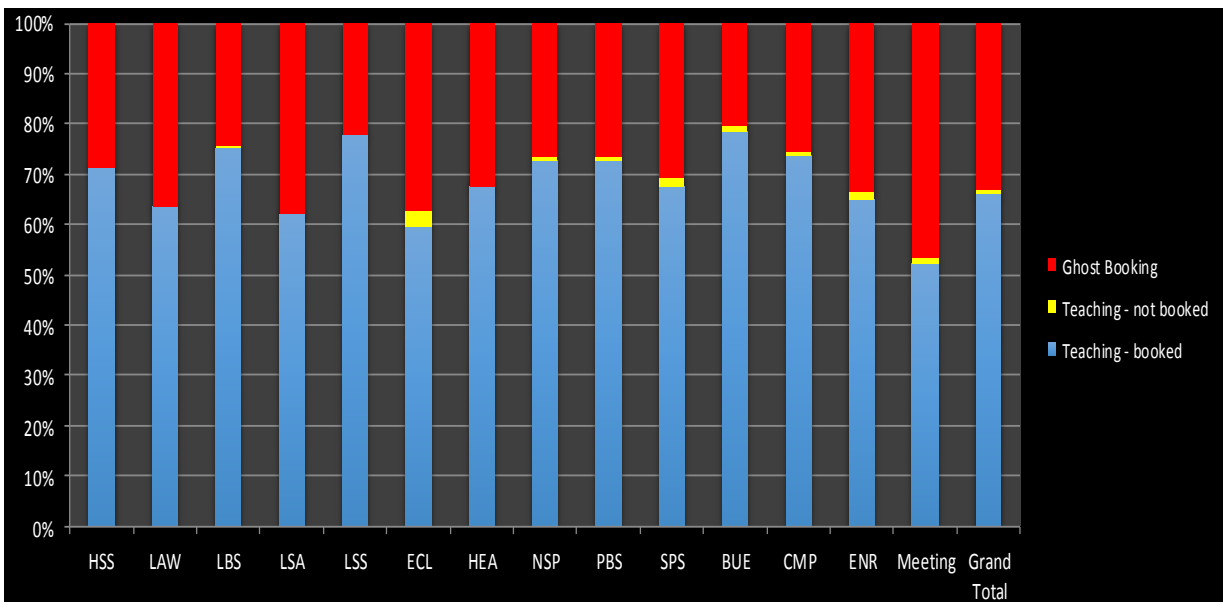


This chart shows total sample outcomes during the whole sampling period.

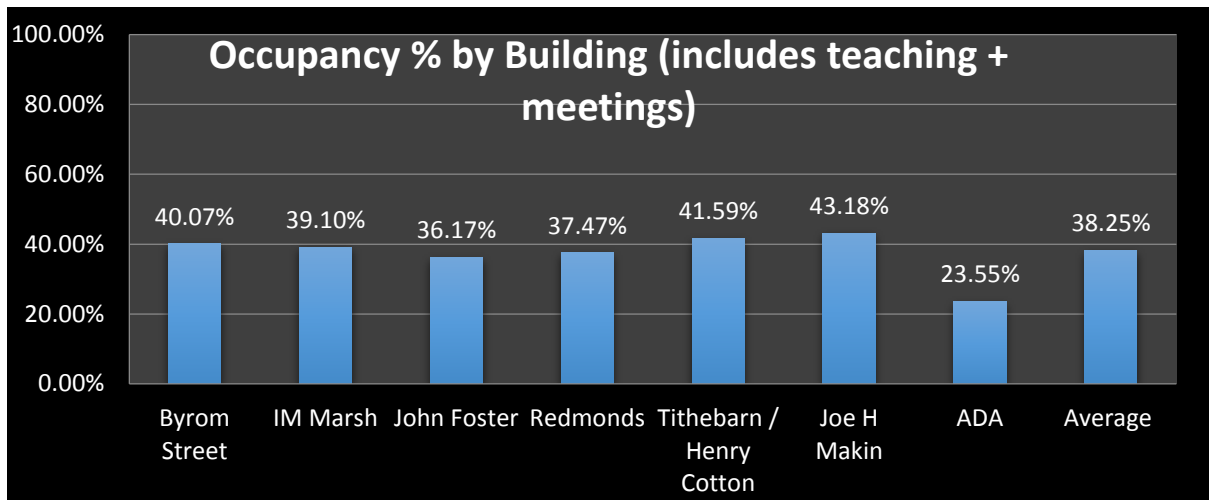


This chart shows percentage of outcomes of planned taught activity.

This chart shows percentage of outcomes of planned meetings.



This chart shows percentage breakdown per school (+ meetings and average)

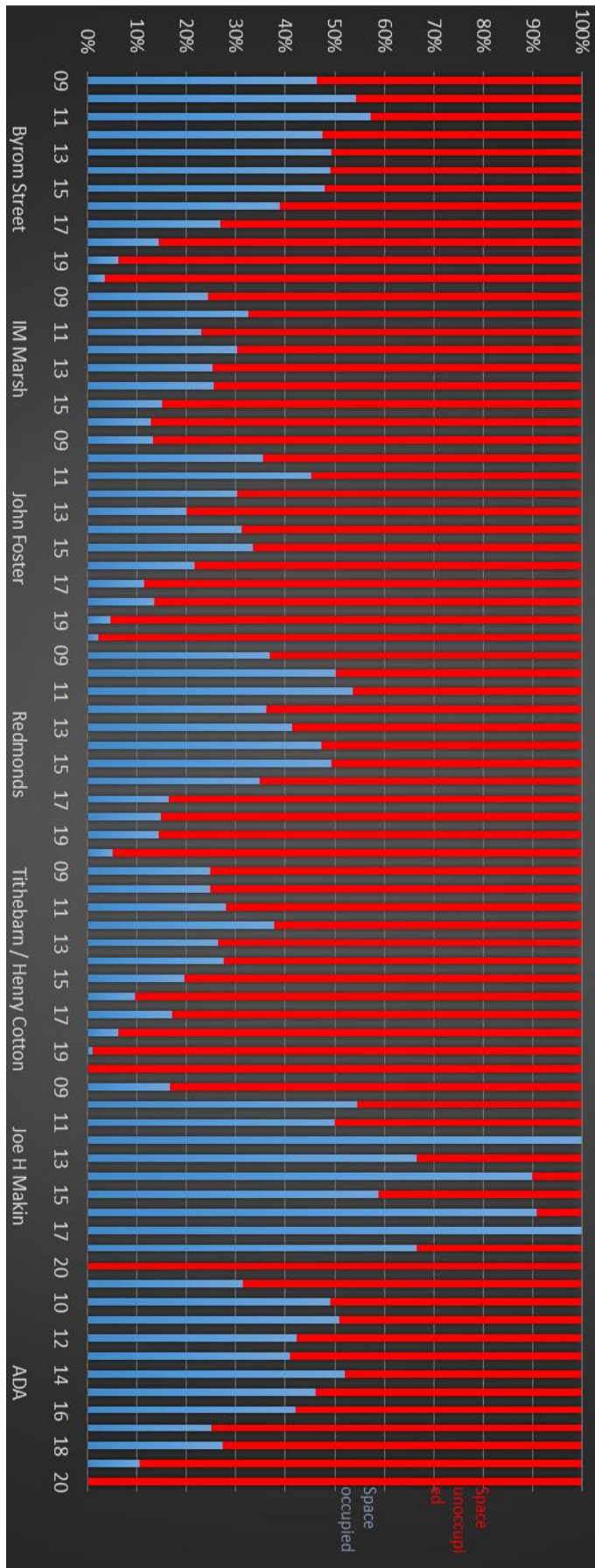


This chart shows the average occupancy of the rooms per building over the whole sampling period, when activity was taking place (what percentage of available capacity was being used when room was being used for teaching or meeting)

## Occupancy

Faculty/School	Teaching - booked#	Average of Variance %
<b>Faculty of Arts Professional and Social Studies</b>	<b>1049</b>	<b>35.88%</b>
HSS	133	35.59%
LAW	103	32.59%
LBS	390	39.85%
LSA	173	24.91%
LSS	250	38.79%
<b>Faculty of Education, Health and Community</b>	<b>524</b>	<b>44.22%</b>
ECL	243	39.71%
HEA	281	48.12%
<b>Faculty of Science</b>	<b>377</b>	<b>42.87%</b>
NSP	145	42.87%
PBS	190	41.64%
SPS	42	48.49%
<b>Faculty of Technology and Environment</b>	<b>765</b>	<b>39.12%</b>
BUE	254	37.93%
CMP	165	39.81%
ENR	346	39.66%
<b>Grand Total</b>	<b>2715</b>	<b>39.37%</b>

This table shows the occupancy per faculty and school when booked module was taking place.



This chart shows space usage over hours in each building over the whole sampling period.



# Key Themes

- 30% (24%+5%+1%) of rooms booked for Teaching are not being used as planned
- 48% (44%+3%+1%) of rooms booked for Meetings are not being used as planned
- 62.76% of teaching activity is taking place during 33.33% (0900, 1100, 1400, 1500 peak periods) of our normal teaching time window
- 39.37% of room capacities are being used whilst booked teaching activity is taking place