## **University of Victoria**

# Classroom Utilization Report 2004/05

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http://www.inst.uvic.ca

### **Classroom Utilization**

### **2004-2005**

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#### **Introduction**

#### Classroom Utilization 2004/05

#### Methodology

This report displays the level of classroom use as of October 2004. Two components are identified: scheduled instruction and bookings. Scheduled instruction consists of regular classroom instruction and includes lectures, tutorials, some discussion groups, and labs offered in classrooms. Bookings consist of more casual classroom use, such as staff and department meetings, club usage, and conferences. No bookings are included with scheduled instruction data. However, some usage included with the bookings is actually composed of tutorials and other sections associated with regular courses. This activity can appear here due to limitations in the university course database, which cannot handle courses that meet in one room for a part of a term and then move, in that term, to another room. The system also cannot handle some short-term immersion-type courses that meet throughout the day.

Room use is divided into two time periods: daytime (8:30 a.m. – 4:30 p.m.) and evening (4:30 p.m. – 10:00 p.m.). Note that a room in use from 5:30 p.m. – 6:30 p.m. will fill the 5:30 – 6:00 time slot and half the 6:00 – 7:00 time slot. A 70% daytime room use rate is considered by many as a reasonable target. Hence a line at 70% appears on all charts that tabulate room usage. For seat use, 50% is considered a reasonable target. Hence a line at 50% appears on all charts that tabulate seat usage. Note, however, that seat usage for bookings data is not maintained. This means that all seat-use results will be for scheduled instruction only.

#### Results

Charts 1-6 show daily room utilization for both scheduled instruction and bookings. Overall room usage from Monday through Thursday varies only slightly, from a low of 60.3% on Tuesday to a high of 62.6% Wednesday. Room usage drops to 43.5% on Friday, mainly because scheduled instruction drops off dramatically in the afternoon and evening. Charts 8 and 9 detail seat use for scheduled instruction and show a similar pattern to room usage.

Table 1 and Charts 10 – 12 examine utilization by room-size category. Larger rooms are, on the whole, used more frequently than smaller ones, although for bookings the smallest rooms (less than 26 seats) are used more than all other rooms combined. Table 2 and Charts 13 – 15 examine utilization by building. The most heavily used buildings are Cornett, Clearihue, and Business & Economics, which average over 80% daytime usage. The least-used classrooms continue to be in the Fraser building, although daytime room usage there has increased to 58.3% from 57.5% in 2002 and 49.2% in 2001. Table 3 summarizes historical classroom use. Room utilization continues to rise; at 76.5% it is back to mid 1990s levels – up from a low of 71.4% in 2001/02. Current seat usage for scheduled instruction is about the same as in recent years. The appendix details use by individual classroom.

Chart 1
University of Victoria
Monday Room Utilization by Starting Time

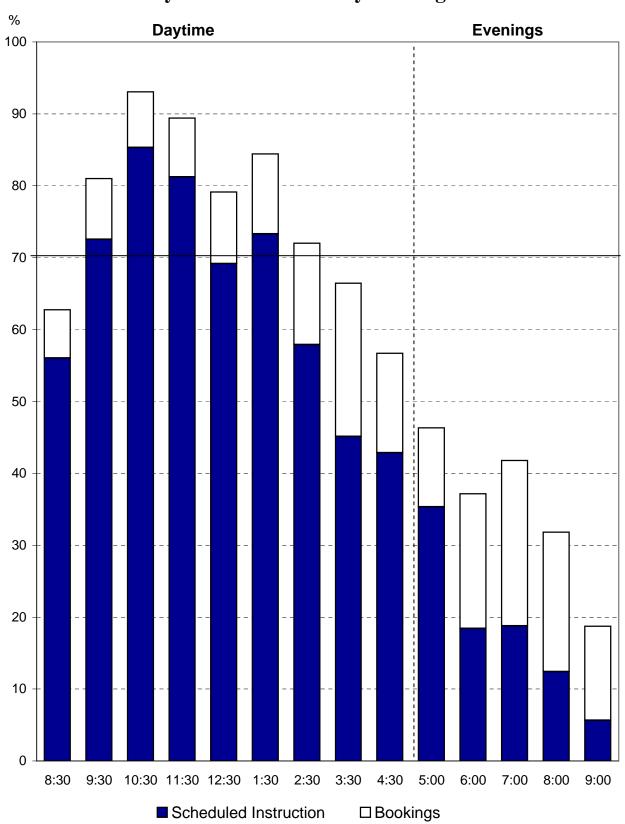


Chart 2
University of Victoria
Tuesday Room Utilization by Starting Time

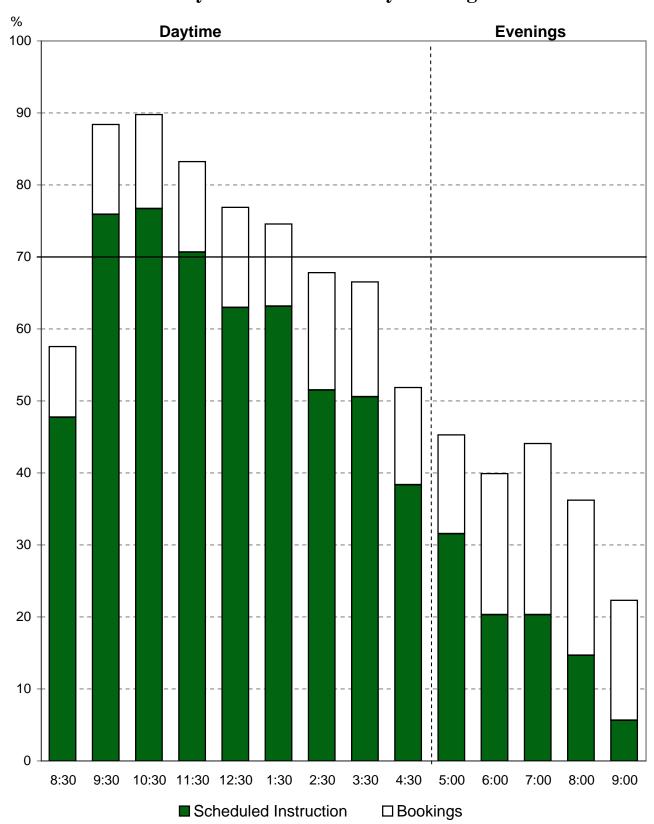


Chart 3
University of Victoria
Wednesday Room Utilization by Starting Time

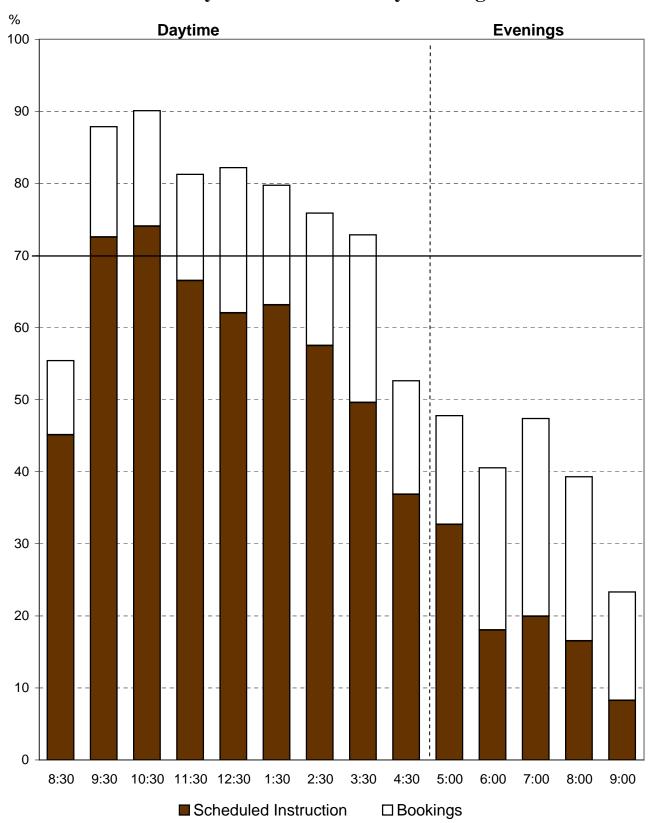


Chart 4
University of Victoria
Thursday Room Utilization by Starting Time

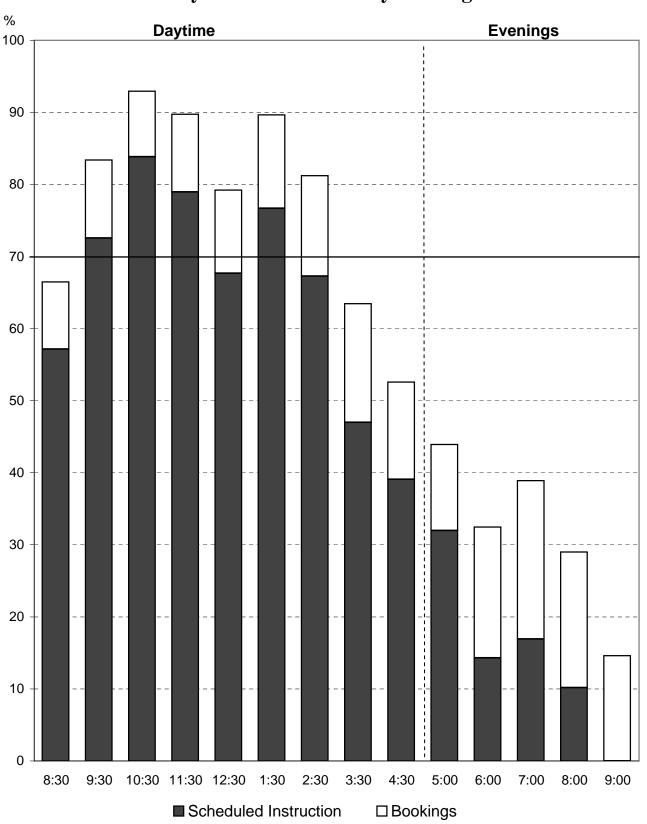


Chart 5
University of Victoria
Friday Room Utilization by Starting Time

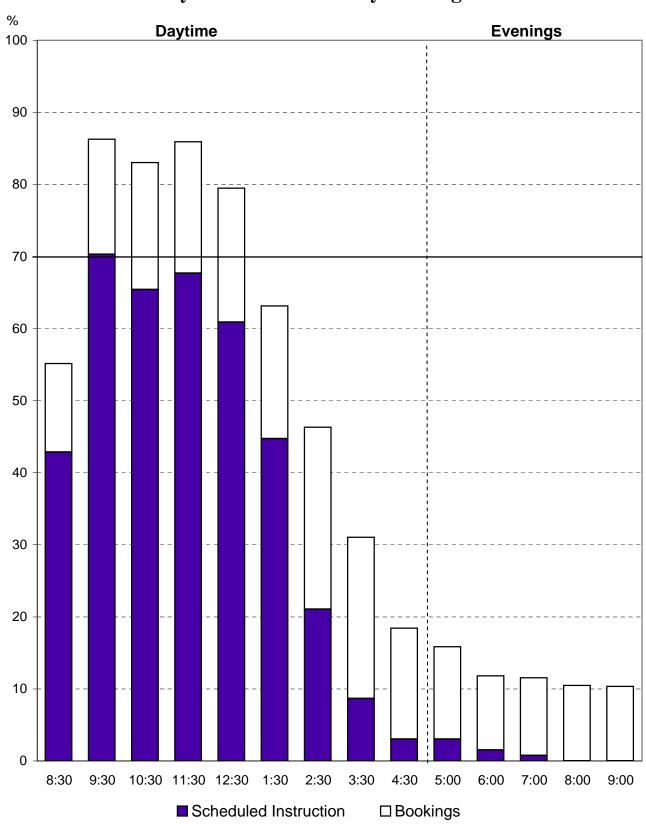
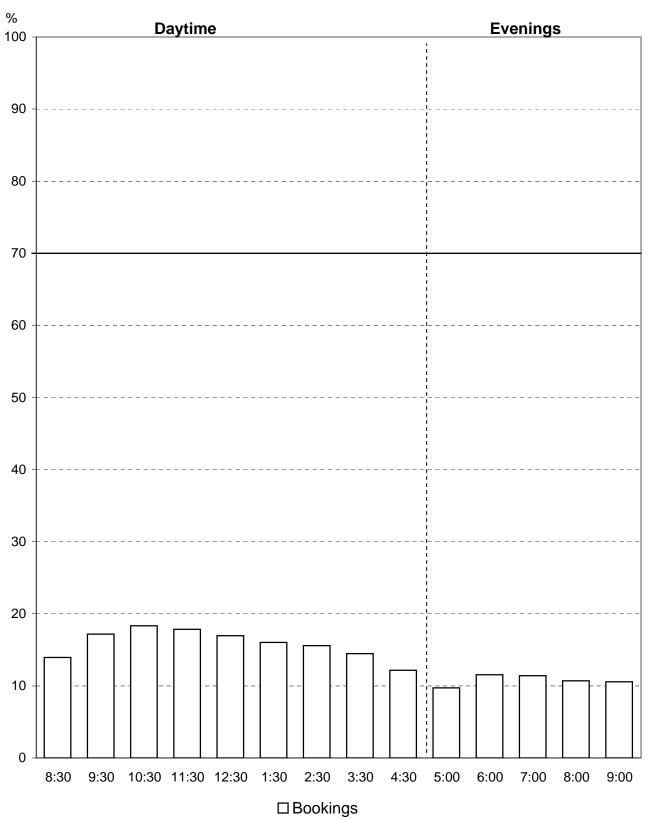


Chart 6
University of Victoria
Saturday Room Utilization by Starting Time



Source: Scheduling data from October 2004 Student and Bookings Databases

Chart 7
University of Victoria
Average Monday to Friday Room Utilization
by Starting Time

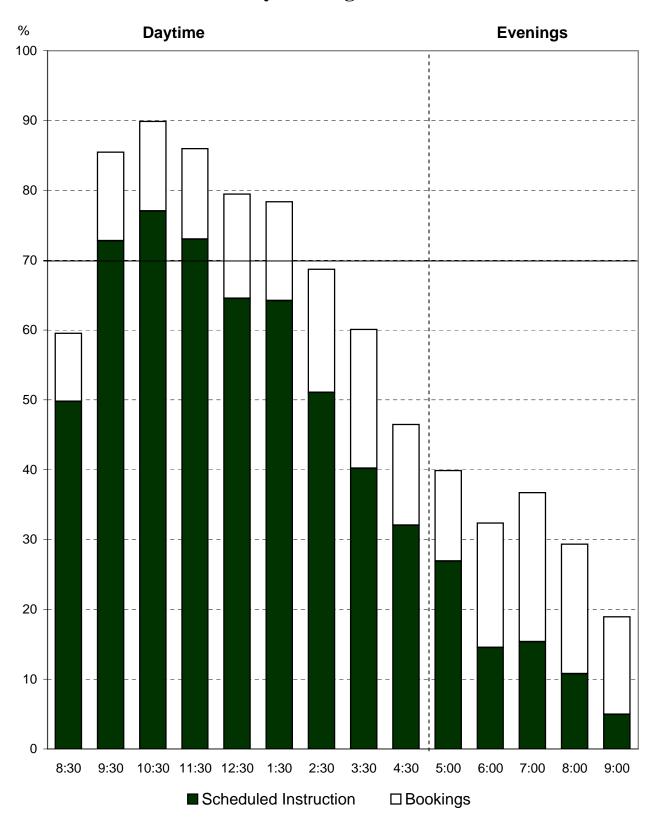


Chart 8
University of Victoria
Monday to Friday Seat Utilization

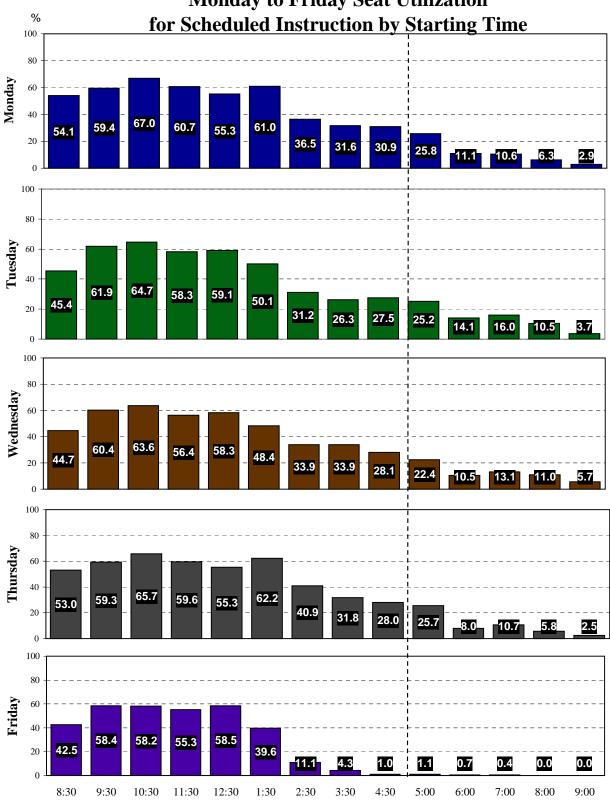


Chart 9
University of Victoria
Average Monday to Friday Seat Utilization
for Scheduled Instruction By Starting Time

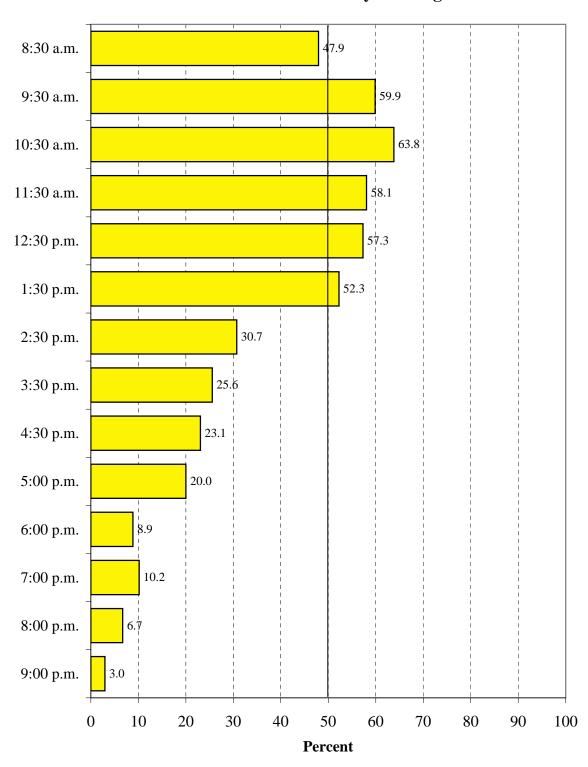


Table 1
2004/05 Monday to Friday Daytime Use by Seating Capacity

Seating Capacity	No. of Rooms	No. of Seats	Area in Sq. M.	Sq. M. per Seat	% Sched. Instr. Seat Use	% Sched. Instr. Seat Use	% Bookings Room Use	% Total Room Use
1-25	34	591	1,128	1.9	24.3	35.0	36.8	71.8
26-39	33	1,071	1,846	1.7	46.3	67.1	6.7	73.8
40-49	15	647	1,076	1.7	45.2	65.4	7.6	73.0
50-69	22	1,307	1,971	1.5	46.6	68.6	6.4	75.1
70-89	12	880	1,123	1.3	47.1	72.9	8.2	81.1
90-179	12	1,320	1,711	1.3	60.6	83.8	4.6	88.4
180-325	5	1,237	1,427	1.2	59.2	82.8	4.1	86.8
University Totals	133	7,053	10,281	1.5	49.5	61.6	14.3	75.9

Chart 10
University of Victoria
Average Monday to Friday Daytime Room Utilization
by Seating Capacity

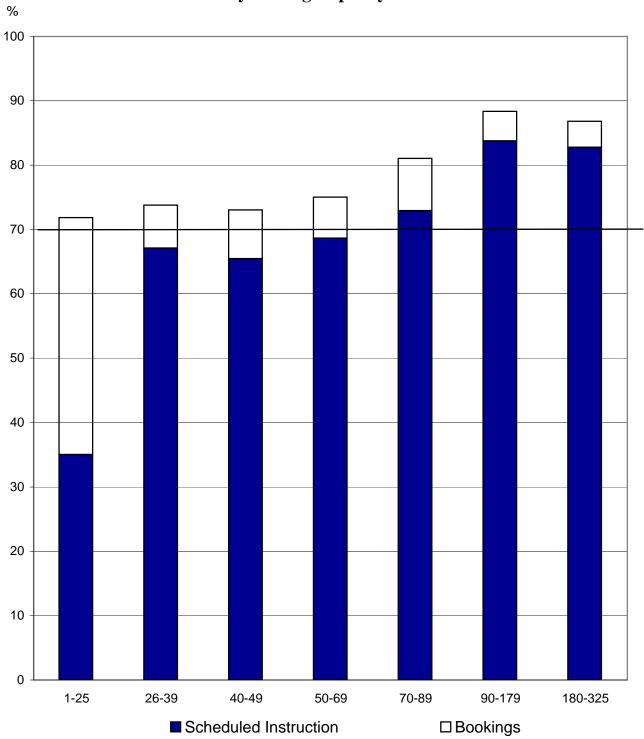


Chart 11
University of Victoria
Average Monday to Friday Evening Room Utilization by
Seating Capacity

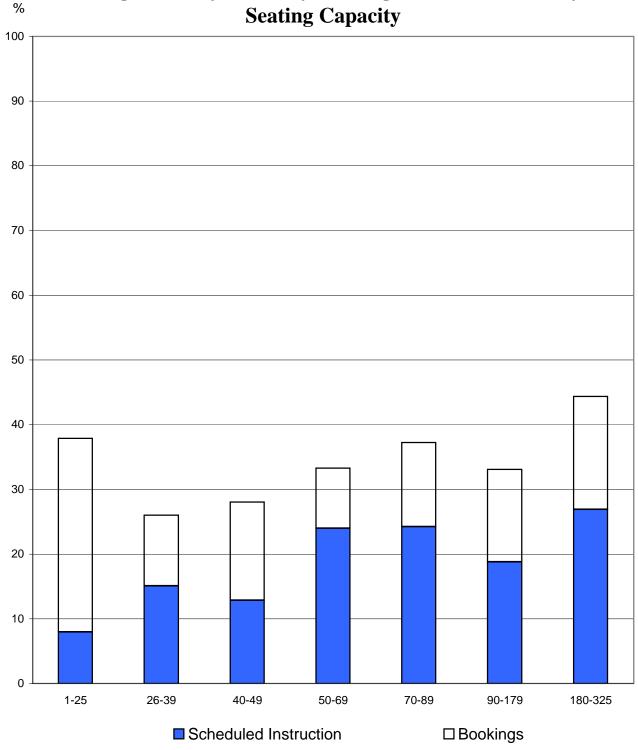
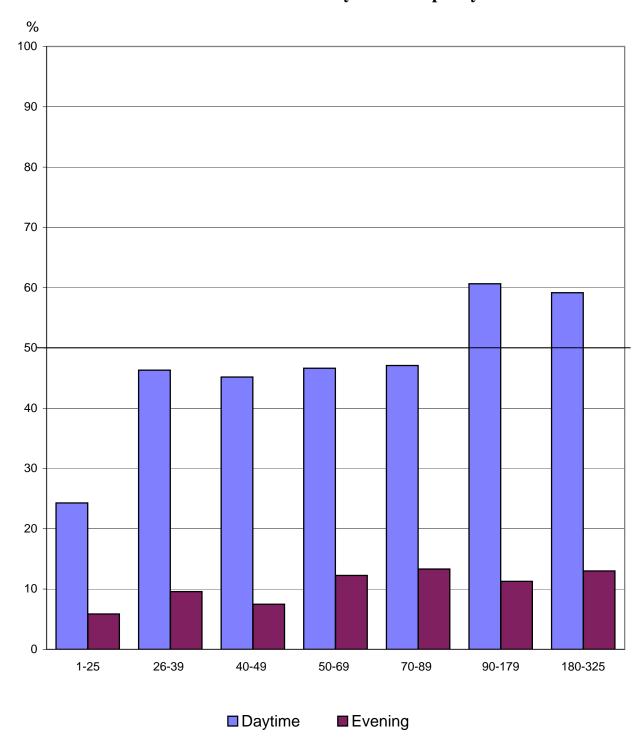


Chart 12
University of Victoria
Average Monday to Friday Seat Utilization
for Scheduled Instruction by Room Capacity



<u>Table 2</u> 2004/05 Monday to Friday Daytime Use by Building

Building	No. of Rooms	No. of Seats	Area in Sq. M.	Sq. M. per Seat	% Sched. Instr. Seat Use	% Sched. Instr. Room Use	% Bookings Room Use	% Total Room Use
H & SD (HSD)	4	238	357	1.5	52.2	69	8	76.4
Clearihue (CLE)	47	1,768	2,408	1.4	50.6	61	20	80.6
Hickman (HHB)	4	355	536	1.5	55.7	69	9	77.9
Cunningham (CUN)	1	58	77	1.3	23.8	68	10	77.6
Elliott (ELL)	9	703	924	1.3	56.2	72	5	76.9
Strong (DSB)	17	788	1,185	1.5	53.6	56	19	74.6
Cornett (COR)	19	1,136	1,627	1.4	54.6	70	11	81.3
Fine Arts (FIA)	3	103	180	1.7	47.6	63	9	72.2
McKinnon (McK)	2	145	198	1.4	35.1	66	7	73.4
Business & Economics (BEC)	1	30	68	2.3	26.7	55	24	79.2
MacLaurin (MAC)	19	1,139	1,653	1.5	41.5	57	9	66.1
Fraser (FRA)	7	590	1,000	1.7	40.5	49	9	58.3
University Totals	133	7,053	10,213	1.4	49.5	62.0	14.4	76.4

Chart 13
University of Victoria
Average Monday to Friday Daytime Room Utilization
by Building

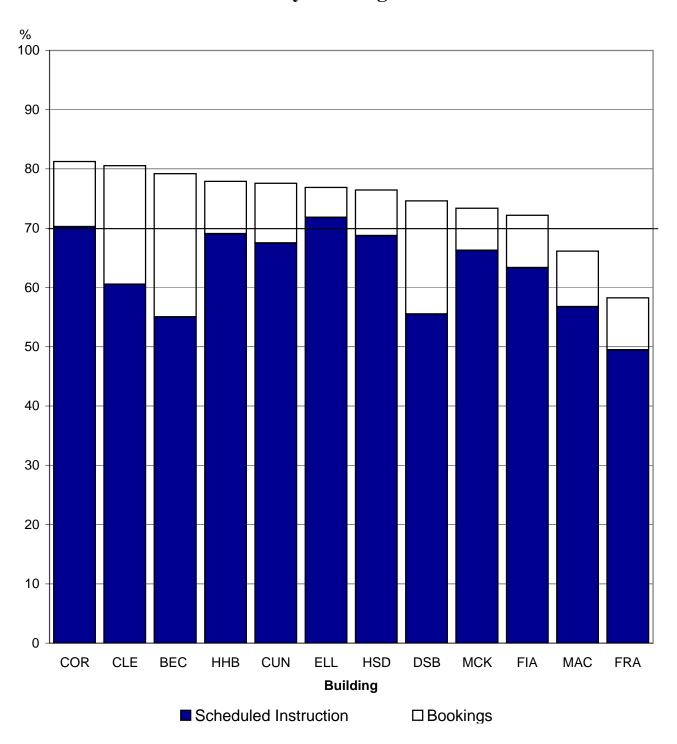


Chart 14
University of Victoria
Average Monday to Friday Evening Room Utilization
by Building

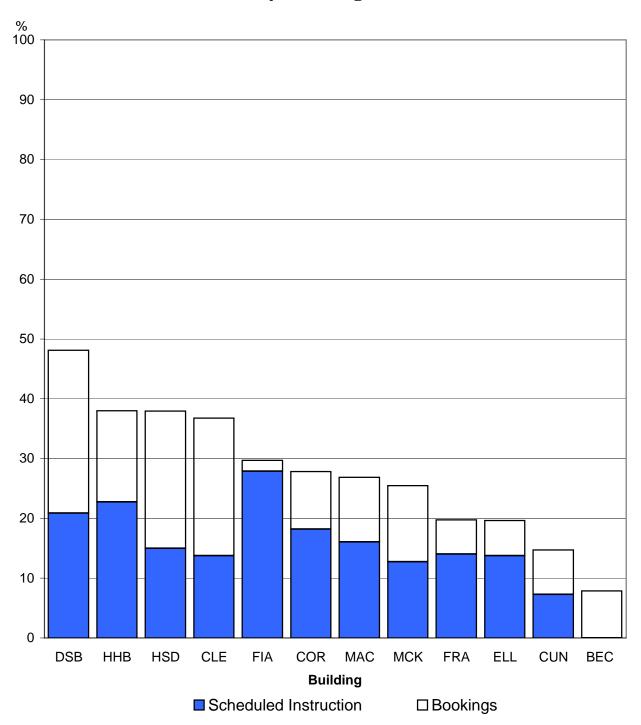
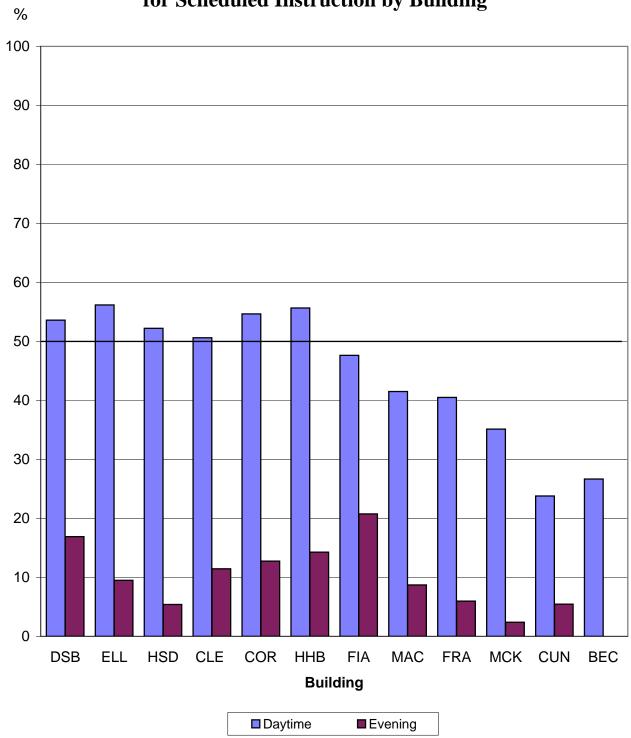


Chart 15
University of Victoria
Average Monday to Friday Seat Utilization
for Scheduled Instruction by Building



<u>Table 3</u> <u>Historical Monday to Friday Percentage Utilization Summary</u>

#### **Room Utilization**

Day	91/92	92/93	93/94	94/95	95/96	96/97	97/98	01/02	02/03	04/05
Scheduled Instruction	70.9	66.9	64.5	63.1	67.4	67.6	62.7	59.5	60.6	62.0
Bookings	12.8	12.0	11.8	11.7	10.6	10.5	10.2	11.9	11.8	14.4
Total	83.7	78.9	76.3	74.8	78.0	78.1	72.9	71.4	72.4	76.5
Evening										
Scheduled Instruction	18.9	17.4	18.5	18.9	19.0	17.4	15.0	11.9	15.3	16.1
Bookings	12.1	14.8	14.1	14.0	13.5	13.2	11.2	8.4	7.8	16.7
Total	31.0	32.2	32.6	32.9	32.5	30.6	26.2	20.3	23.1	32.8
Seat Utilization										
(Scheduled Instruction)										
Day	53.2	50.2	47.5	47.6	53.3	55.1	52.3	50.7	49.0	49.5
Evening	10.7	9.8	10.9	10.1	11.4	10.6	10.0	11.5	10.3	11.0

Institutional Planning and Analysis
Source: Scheduling data from October 2004 Student and Bookings Database

November 2005

## APPENDIX 2004/05 Classroom Inventory

Total   Tota			<u>20</u>	04/03 Class		CIIIOI y				
Less than 26 DSBC109 6 12.6 2.10 0.0 59.3 59.3 59.3 DSBC115 6 12.6 2.10 7.5 50.9 58.4 74.5 DSBC117 6 12.6 2.10 0.0 47.3 47.3 DSBC119 6 12.6 2.10 0.0 60.1 60.1 CLEB346 12 24.3 2.03 22.5 18.8 41.3 CLEC116 12 22.1 1.84 40.0 19.9 59.9 59.4 CLEC116 12 22.1 1.84 40.0 19.9 59.9 59.4 CLEC116 12 22.1 1.84 40.0 19.9 59.9 59.4 CLED261 14 23.7 3.14 31.2 18.4 49.6 CLED261 14 23.7 1.84 50.5 50.5 50.0 54.0 79.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 5	Room Size	Room	No. of	Area in	Sq. M.	Sched. Instr Bookings Total				
Less than 26 DSBC109 6 12.6 2.10 0.0 59.3 59.3 59.3 DSBC115 6 12.6 2.10 7.5 50.9 58.4 74.5 DSBC117 6 12.6 2.10 0.0 47.3 47.3 DSBC119 6 12.6 2.10 0.0 60.1 60.1 CLEB346 12 24.3 2.03 22.5 18.8 41.3 CLEC116 12 22.1 1.84 40.0 19.9 59.9 59.4 CLEC116 12 22.1 1.84 40.0 19.9 59.9 59.4 CLEC116 12 22.1 1.84 40.0 19.9 59.9 59.4 CLED261 14 23.7 3.14 31.2 18.4 49.6 CLED261 14 23.7 1.84 50.5 50.5 50.0 54.0 79.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 5	Interval		Seats	Sa M	_	% Day Use %	Day Use %	Day Use		
DSBC115	IIItti vai		Scats	5 <b>q.</b> 141.	per seat	70 Day Osc 70	Day Osc 70	Day Osc		
DSBC115										
DSBC115	Less than 26	DSRC109	6	12.6	2 10	0.0	59.3	59.3		
DSBC117   6	Less than 20									
DSBC119 6										
CLEB346   12										
CLEC116 12 22.1 1.84 40.0 19.9 59.9 CLEC118 12 22.1 1.84 62.5 3.7 66.2 CORA372 12 37.7 3.14 31.2 18.4 49.6 CLEB146 14 24.3 1.74 25.0 54.0 79.0 CLED261 14 25.7 1.84 0.0 98.4 98.4 CORA132 14 27.5 1.96 45.0 16.0 61.0 CLEC214 16 26.5 1.66 50.0 13.2 63.2 CLED123 18 32.4 1.80 0.0 98.4 98.4 CLED123 18 32.2 1.73 0.0 98.4 98.4 CLED123 18 31.6 1.76 0.0 98.4 98.4 CLED123 18 31.6 1.76 0.0 98.4 98.4 CLED127 18 31.6 1.76 0.0 98.4 98.4 CLED129 18 31.6 1.76 0.0 98.4 98.4 CLED133 18 32.2 1.79 0.0 98.4 98.4 MACD117 18 31.2 1.73 35.0 6.1 41.1 CLED215 20 37.6 1.88 57.5 35.0 92.5 CLEB315 20 39.1 1.96 37.5 30.9 68.4 CLEB15 20 37.4 1.87 60.0 12.0 72.0 CLEC316 20 37.5 1.88 77.5 6.8 84.3 CORA339 20 33.5 1.68 37.5 44.0 81.5 CORB130 20 37.3 1.87 35.0 35.9 70.9 DSBC114 20 44.9 22.5 60.0 12.8 72.8 DSBC114 20 44.9 22.5 60.0 12.8 72.8 DSBC114 20 44.9 22.5 55.0 23.5 78.5 F1A209 20 44.0 2.20 42.5 18.5 61.0 ELL164 22 42.4 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 F1A209 20 44.0 8.1.70 77.5 5.0 82.5 F1A209 20 44.0 8.1.70 77.5 5.0 82.5 CLED134 24 40.8 1.70 77.5 5.0 82.5 CLED134 24 40.8 1.70 77.5 5.0 82.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HIBD20 25 58.7 2.35 63.7 4.8 68.5 34 591 1.127.9 1.91 35.0 36.8 71.8 180.0 0.2 80.2 MACD107 27 36.7 36.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 2.51 25.0 25.1 50.1 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEG33 30 66.2 2.27 55.0 24.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEG33 30 66.7 2.22 55.0 50.0 22.7 77.7 MACD105 28 42.5 1.52										
CLEC118   12   22.1   1.84   62.5   3.7   66.2   CORA372   12   37.7   3.14   31.2   18.4   49.6   CLEB446   14   24.3   1.74   25.0   54.0   79.0   CLED261   14   25.7   1.84   0.0   98.4   98.4   CORA132   14   27.5   1.96   45.0   16.0   61.0   CLEC214   16   26.5   1.66   50.0   13.2   63.2   CLED123   18   32.4   1.80   0.0   98.4   98.4   CLED127   18   31.2   1.73   0.0   98.4   98.4   CLED127   18   31.2   1.73   0.0   98.4   98.4   CLED129   18   31.6   1.76   0.0   98.4   98.4   CLED129   18   31.2   1.73   35.0   6.1   41.1   CLED215   20   37.6   1.88   57.5   35.0   92.5   CLEB115   20   39.1   1.96   37.5   35.0   92.5   CLEB15   20   37.4   1.87   60.0   12.0   72.0   CLEC316   20   37.5   1.88   77.5   68   84.3   CLEB415   20   37.4   1.87   60.0   12.0   72.0   CLEC316   20   37.5   1.88   37.5   44.0   81.5   CORB130   20   37.3   1.87   35.0   35.9   70.9   DSBC14   20   44.9   2.25   55.0   23.5   78.5   FIA209   20   44.0   2.20   42.5   18.5   61.0   ELL164   22   42.4   1.93   66.2   2.8   69.0   CLED124   24   44.1   1.71   0.0   98.4   98.4   44.8   CLED130   24   34.8   1.45   61.2   17.3   78.5   CLED130   24   34.8   1.45   61.2   17.3   77.5   5.0   82.5   CLED130   24   34.8   1.45   61.2   17.3   78.5   CLED134   24   44.9   2.25   55.0   23.5   78.5   ELL161   24   44.9   2.25   55.0   23.5   78.5   CLED130   24   34.8   1.45   61.2   17.3   35.0   36.8   71.8   CLED130   24   34.8   1.45   61.2   17.3   78.5   CLED130   24   34.8   1.45   61.2   17.3   35.0   36.8   71.8   CLEC111   28   35.7   1.28   75.0   25.1   50.1   36.0   36.8   71.8   CLEC111   28   35.7   1.28   75.0   25.0										
CORA372 12 37.7 3.14 31.2 18.4 49.6 CLEB446 14 24.3 1.74 25.0 54.0 79.0 CLED261 14 25.7 1.84 0.0 98.4 98.4 CORA132 14 27.5 1.96 45.0 16.0 61.0 CLEC121 16 26.5 1.66 50.0 13.2 63.2 CLED123 18 32.4 1.80 0.0 98.4 98.4 CLED127 18 31.2 1.73 0.0 98.4 98.4 CLED129 18 31.6 1.76 0.0 98.4 98.4 CLED129 18 31.6 1.76 0.0 98.4 98.4 CLED133 18 32.2 1.79 0.0 98.4 98.4 MACD117 18 31.2 1.73 35.0 6.1 41.1 CLEB215 20 37.6 1.88 57.5 35.0 6.1 41.1 CLEB215 20 37.6 1.88 57.5 35.0 92.5 CLEB315 20 39.1 1.96 37.5 30.9 68.4 CLED133 18 32.2 1.87 60.0 12.0 72.0 CLEB415 20 37.3 1.87 60.0 12.0 72.0 CLEB415 20 37.4 1.87 60.0 12.0 72.0 CLEB416 20 37.5 1.88 77.5 6.8 84.3 CORA339 20 33.5 1.68 37.5 44.0 81.5 CORB130 20 37.3 1.87 35.0 35.9 70.9 DSBC114 20 44.9 2.25 60.0 12.8 72.8 DSBC114 20 44.9 2.25 60.0 12.8 72.8 DSBC124 20 44.9 2.25 55.0 23.5 78.5 FIA209 20 44.0 2.20 42.5 18.5 61.0 ELL164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED124 24 44.1 1.77 77.5 5.0 82.5 CLED134 24 40.8 1.70 77.5 5.0 82.5 HIB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1.127.9 1.91 35.0 36.8 71.8  26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 2.75 50.0 22.2 77.2 CLEC111 28 38.4 1.45 61.2 77.3 35.0 36.8 71.8  26 to 39 FRA204 27 67.8 2.51 57.5 3.6 6.7 4.8 68.5  34 591 1.127.9 1.91 35.0 36.8 71.8										
CLEB446										
CLED26  14		CORA372	12	37.7	3.14	31.2	18.4	49.6		
CORA132 14 27.5 1.96 45.0 16.0 61.0 CLEC14 16 26.5 1.66 50.0 13.2 63.2 CLED123 18 32.4 1.80 0.0 98.4 98.4 CLED127 18 31.2 1.73 0.0 98.4 98.4 CLED129 18 31.6 1.76 0.0 98.4 98.4 CLED133 18 32.2 1.79 0.0 98.4 98.4 CLED133 18 32.2 1.79 0.0 98.4 98.4 MACD117 18 31.2 1.73 35.0 6.1 41.1 CLEB215 20 37.6 1.88 57.5 35.0 92.5 CLEB315 20 39.1 1.96 37.5 30.9 68.4 CLED415 20 37.4 1.87 60.0 12.0 72.0 CLEC316 20 37.5 1.88 77.5 6.8 84.3 CORA339 20 33.5 1.68 37.5 44.0 81.5 CORB130 20 37.3 1.87 35.0 35.9 70.9 DSBC114 20 44.9 2.25 60.0 12.8 72.8 DSBC124 20 44.9 2.25 55.0 23.5 78.5 FIA209 20 44.0 2.20 42.5 18.5 61.0 ELL164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 40.8 1.70 77.5 5.0 82.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HIBB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8		CLEB446	14	24.3	1.74	25.0	54.0	79.0		
CLEC214         16         26.5         1.66         50.0         13.2         63.2           CLED123         18         32.4         1.80         0.0         98.4         98.4           CLED129         18         31.2         1.73         0.0         98.4         98.4           CLED133         18         31.2         1.73         35.0         6.1         41.1           CLED135         18         31.2         1.73         35.0         6.1         41.1           CLEB215         20         37.6         1.88         57.5         35.0         92.5           CLEB315         20         37.4         1.87         60.0         12.0         72.0           CLEC316         20         37.5         1.88         77.5         6.8         84.3           CORA339         20         33.5         1.68         37.5         44.0         81.5           CORB130         20         37.3         1.87         35.0         35.9         70.9           DSBC114         20         44.9         2.25         55.0         23.5         78.5           DSBC124         20         44.9         2.25         55.0         23.		CLED261	14	25.7	1.84	0.0	98.4	98.4		
CLEC214         16         26.5         1.66         50.0         13.2         63.2           CLED123         18         32.4         1.80         0.0         98.4         98.4           CLED129         18         31.2         1.73         0.0         98.4         98.4           CLED133         18         31.2         1.73         35.0         6.1         41.1           CLED135         18         31.2         1.73         35.0         6.1         41.1           CLEB215         20         37.6         1.88         57.5         35.0         92.5           CLEB315         20         37.4         1.87         60.0         12.0         72.0           CLEC316         20         37.5         1.88         77.5         6.8         84.3           CORA339         20         33.5         1.68         37.5         44.0         81.5           CORB130         20         37.3         1.87         35.0         35.9         70.9           DSBC114         20         44.9         2.25         55.0         23.5         78.5           DSBC124         20         44.9         2.25         55.0         23.		CORA132	14	27.5	1.96	45.0	16.0	61.0		
CLED123         18         32.4         1.80         0.0         98.4         98.4           CLED127         18         31.2         1.73         0.0         98.4         98.4           CLED133         18         31.6         1.76         0.0         98.4         98.4           CLED133         18         32.2         1.79         0.0         98.4         98.4           MACD117         18         31.2         1.73         35.0         6.1         41.1           CLEB215         20         37.6         1.88         57.5         35.0         92.5           CLEB315         20         37.1         1.96         37.5         30.9         68.4           CLEG316         20         37.5         1.88         77.5         6.8         84.3           CORA339         20         37.3         1.87         35.0         35.9         70.9           DSBC114         20         44.9         2.25         60.0         12.8         72.8           DSBC124         20         44.9         2.25         55.0         23.5         78.5           FIA209         20         44.0         2.20         42.5         18.5<										
CLED127         18         31.2         1.73         0.0         98.4         98.4           CLED129         18         31.6         1.76         0.0         98.4         98.4           CLED133         18         32.2         1.79         0.0         98.4         98.4           MACD117         18         31.2         1.73         35.0         6.1         41.1           CLEB215         20         37.6         1.88         57.5         35.0         92.5           CLEB415         20         37.4         1.87         60.0         12.0         72.0           CLEG316         20         37.5         1.88         77.5         6.8         84.3           CORA339         20         33.5         1.68         37.5         44.0         81.5           CORB130         20         37.3         1.87         35.0         35.9         70.9           DSBC114         20         44.9         2.25         60.0         12.8         72.8           DSBC124         20         44.9         2.25         55.0         23.5         78.5           FIA209         20         44.0         2.20         42.5         18.5										
CLED129         18         31.6         1.76         0.0         98.4         98.4           CLED133         18         32.2         1.79         0.0         98.4         98.4           MACD117         18         31.2         1.73         35.0         6.1         41.1           CLEB215         20         37.6         1.88         57.5         35.0         92.5           CLEB315         20         39.1         1.96         37.5         30.9         68.4           CLEB415         20         37.4         1.87         60.0         12.0         72.0           CLEC316         20         37.5         1.88         77.5         6.8         84.3           CORA39         20         33.5         1.68         37.5         44.0         81.5           CORBI30         20         37.3         1.87         35.0         35.9         70.9           DSBC114         20         44.9         2.25         60.0         12.8         72.8           DSBC124         20         44.9         2.25         55.0         23.5         78.5           FLA209         20         44.0         2.20         42.5         18.5										
CLED133         18         32.2         1.79         0.0         98.4         98.4           MACD117         18         31.2         1.73         35.0         6.1         41.1           CLEB215         20         37.6         1.88         57.5         35.0         62.5           CLEB315         20         39.1         1.96         37.5         30.9         68.4           CLEB315         20         37.4         1.87         60.0         12.0         72.0           CLEC316         20         37.5         1.88         77.5         6.8         84.3           CORA339         20         33.5         1.68         37.5         44.0         81.5           CORB130         20         37.3         1.87         35.0         35.9         70.9           DSBC114         20         44.9         2.25         60.0         12.8         72.8           DSBC124         20         44.9         2.25         55.0         23.5         78.5           FIA209         20         44.0         2.20         42.5         18.5         61.0           ELL164         22         42.4         1.93         66.2         2.8										
MACD117										
CLEB215         20         37.6         1.88         57.5         35.0         92.5           CLEB315         20         39.1         1.96         37.5         30.9         68.4           CLEB415         20         37.4         1.87         60.0         12.0         72.0           CLEC316         20         37.5         1.88         77.5         6.8         84.3           CORA339         20         33.5         1.68         37.5         44.0         81.5           CORB130         20         37.3         1.87         35.0         35.9         70.9           DSBC114         20         44.9         2.25         60.0         12.8         72.8           DSBC124         20         44.9         2.25         55.0         23.5         78.5           FIA209         20         44.0         2.20         42.5         18.5         61.0           CLED142         24         40.1         1.71         0.0         98.4         98.4           CLED128         24         40.8         1.70         77.5         5.0         82.5           CLED134         24         40.5         1.69         55.0         10										
CLEB315         20         39.1         1.96         37.5         30.9         68.4           CLEB415         20         37.4         1.87         60.0         12.0         72.0           CLEG316         20         37.5         1.88         77.5         6.8         84.3           CORA339         20         33.5         1.68         37.5         44.0         81.5           CORB130         20         37.3         1.87         35.0         35.9         70.9           DSBC114         20         44.9         2.25         60.0         12.8         72.8           DSBC124         20         44.9         2.25         55.0         23.5         78.5           FIA209         20         44.0         2.20         42.5         18.5         61.0           ELL164         22         42.4         1.93         66.2         2.8         69.0           CLED124         24         40.8         1.70         77.5         5.0         82.5           CLED130         24         34.8         1.45         61.2         17.3         78.5           CLED134         24         40.5         1.69         55.0         10.										
CLEB415         20         37.4         1.87         60.0         12.0         72.0           CLEC316         20         37.5         1.88         77.5         6.8         84.3           CORA339         20         33.5         1.68         37.5         44.0         81.5           CORB130         20         37.3         1.87         35.0         35.9         70.9           DSBC114         20         44.9         2.25         60.0         12.8         72.8           DSBC124         20         44.9         2.25         55.0         23.5         78.5           FIA209         20         44.0         2.20         42.5         18.5         61.0           ELL164         22         42.4         1.93         66.2         2.8         69.0           CLED124         24         40.8         1.70         77.5         5.0         82.5           CLED130         24         34.8         1.45         61.2         17.3         78.5           CLED134         24         40.5         1.69         55.0         10.1         65.1           EL161         24         41.9         1.75         37.5         16.5<										
CLEC316 20 37.5 1.88 77.5 6.8 84.3 CORA339 20 33.5 1.68 37.5 44.0 81.5 CORB130 20 37.3 1.87 35.0 35.9 70.9 DSBC114 20 44.9 2.25 60.0 12.8 72.8 DSBC124 20 44.9 2.25 55.0 23.5 78.5 F1A209 20 44.0 2.20 42.5 18.5 61.0 ELL164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8 68.5 A34 591 1,127.9 1.91 35.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC113 30 66.2 2.7 7.2 CLEC113 30 66.2 2.7 7.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC113 30 66.4 2.01 61.2 6.3 67.5 MACA166 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACA166 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACA160 30 60.4 2.01 61.2 6.3 67.5 MACA160 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACA160 30 60.4 2.01 61.2 6.3 67.5 68.1 MACD109 30 37.7 12.6 47.5 20.6 68.1 MACD109 30 37.7 12.6 47.5 20.6 68.1 MACD109 30										
CORA339 20 33.5 1.68 37.5 44.0 81.5 CORB130 20 37.3 1.87 35.0 35.9 70.9 DSBC114 20 44.9 2.25 60.0 12.8 72.8 DSBC124 20 44.9 2.25 55.0 23.5 78.5 FIA209 20 44.0 2.20 42.5 18.5 61.0 ELL164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED130 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8										
CORB130 20 37.3 1.87 35.0 35.9 70.9 DSBC114 20 44.9 2.25 60.0 12.8 72.8 DSBC124 20 44.9 2.25 55.0 23.5 78.5 FIA209 20 44.0 2.20 42.5 18.5 61.0 ELL164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8   26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEG363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEG363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACD109 30 37.7 1.26 47.5 25.5 3.3 58.8 MACD109 30 37.7 1.26 47.5 20.5 3.7 91.2		CLEC316	20	37.5	1.88	77.5	6.8	84.3		
DSBC114 20 44.9 2.25 60.0 12.8 72.8 DSBC124 20 44.9 2.25 55.0 23.5 78.5 FIA209 20 44.0 2.20 42.5 18.5 61.0 ELL.164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL.161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8   26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC113 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 18.3 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 37.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACD109 30 37.7 1.26 47.5 20.6 68.1 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 37.5 3.7 91.2		CORA339	20	33.5	1.68	37.5	44.0	81.5		
DSBC124 20 44.9 2.25 55.0 23.5 78.5 FIA209 20 44.0 2.20 42.5 18.5 61.0 ELL164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8   26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 37.7 5.0 2 77.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 3.7 91.2		CORB130	20	37.3	1.87	35.0	35.9	70.9		
FIA209 20 44.0 2.20 42.5 18.5 61.0 ELL164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8   26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACA541 30 52.1 1.74 52.5 3.3 55.8 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 37.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 37.5 20.6 68.1		DSBC114	20	44.9	2.25	60.0	12.8	72.8		
FIA209 20 44.0 2.20 42.5 18.5 61.0 ELL164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8   26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACA541 30 52.1 1.74 52.5 3.3 55.8 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 37.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 37.5 20.6 68.1				44.9	2.25	55.0	23.5	78.5		
ELL164 22 42.4 1.93 66.2 2.8 69.0 CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8  26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACD109 30 52.1 1.74 52.5 3.3 55.8 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 37.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 37.5 20.6 68.1										
CLED124 24 41.1 1.71 0.0 98.4 98.4 CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8   26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 3.7 91.2										
CLED128 24 40.8 1.70 77.5 5.0 82.5 CLED130 24 34.8 1.45 61.2 17.3 78.5 CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8   26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACA541 30 52.1 1.74 52.5 3.3 55.8 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 37.5 91.2										
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CLED134 24 40.5 1.69 55.0 10.1 65.1 ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8  26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACA541 30 52.1 1.74 52.5 3.3 55.8 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 37.5 91.2										
ELL161 24 41.9 1.75 37.5 16.5 54.0 HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8   26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACA541 30 52.1 1.74 52.5 3.3 55.8 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 57.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 57.5 37.7 91.2										
HSDA250 24 52.3 2.18 48.7 16.5 65.2 HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8   26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACA541 30 52.1 1.74 52.5 3.3 55.8 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 3.7 91.2										
HHB120 25 58.7 2.35 63.7 4.8 68.5 34 591 1,127.9 1.91 35.0 36.8 71.8  26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 3.7 91.2										
26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.28 75.0 2.2 77.2 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACA541 30 52.1 1.74 52.5 3.3 55.8 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 87.5 3.7 91.2										
26 to 39 FRA204 27 67.8 2.51 57.5 3.6 61.1 FRA205 27 67.7 2.51 25.0 25.1 50.1 MACD107 27 36.7 1.36 27.5 20.5 48.0 CLEC111 28 35.7 1.28 75.0 2.2 77.2 CLEC113 28 38.4 1.37 80.0 0.2 80.2 MACD105 28 42.5 1.52 28.0 6.9 34.9 BEC363 30 68.2 2.27 55.0 24.2 79.2 CLEC115 30 54.8 1.83 77.5 0.2 77.7 HSDA260 30 61.7 2.06 75.0 3.7 78.7 HSDA264 30 60.4 2.01 61.2 6.3 67.5 MACA166 30 66.7 2.22 56.2 6.7 62.9 MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 3.7 91.2										
FRA205       27       67.7       2.51       25.0       25.1       50.1         MACD107       27       36.7       1.36       27.5       20.5       48.0         CLEC111       28       35.7       1.28       75.0       2.2       77.2         CLEC113       28       38.4       1.37       80.0       0.2       80.2         MACD105       28       42.5       1.52       28.0       6.9       34.9         BEC363       30       68.2       2.27       55.0       24.2       79.2         CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7<		34	591	1,127.9	1.91	35.0	36.8	71.8		
FRA205       27       67.7       2.51       25.0       25.1       50.1         MACD107       27       36.7       1.36       27.5       20.5       48.0         CLEC111       28       35.7       1.28       75.0       2.2       77.2         CLEC113       28       38.4       1.37       80.0       0.2       80.2         MACD105       28       42.5       1.52       28.0       6.9       34.9         BEC363       30       68.2       2.27       55.0       24.2       79.2         CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7<										
FRA205       27       67.7       2.51       25.0       25.1       50.1         MACD107       27       36.7       1.36       27.5       20.5       48.0         CLEC111       28       35.7       1.28       75.0       2.2       77.2         CLEC113       28       38.4       1.37       80.0       0.2       80.2         MACD105       28       42.5       1.52       28.0       6.9       34.9         BEC363       30       68.2       2.27       55.0       24.2       79.2         CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7<										
MACD107       27       36.7       1.36       27.5       20.5       48.0         CLEC111       28       35.7       1.28       75.0       2.2       77.2         CLEC113       28       38.4       1.37       80.0       0.2       80.2         MACD105       28       42.5       1.52       28.0       6.9       34.9         BEC363       30       68.2       2.27       55.0       24.2       79.2         CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7       91.2	26 to 39									
CLEC111       28       35.7       1.28       75.0       2.2       77.2         CLEC113       28       38.4       1.37       80.0       0.2       80.2         MACD105       28       42.5       1.52       28.0       6.9       34.9         BEC363       30       68.2       2.27       55.0       24.2       79.2         CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7       91.2										
CLEC113       28       38.4       1.37       80.0       0.2       80.2         MACD105       28       42.5       1.52       28.0       6.9       34.9         BEC363       30       68.2       2.27       55.0       24.2       79.2         CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7       91.2		MACD107	27	36.7	1.36			48.0		
MACD105       28       42.5       1.52       28.0       6.9       34.9         BEC363       30       68.2       2.27       55.0       24.2       79.2         CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7       91.2		CLEC111	28	35.7	1.28	75.0	2.2	77.2		
BEC363       30       68.2       2.27       55.0       24.2       79.2         CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7       91.2		CLEC113	28	38.4	1.37	80.0	0.2	80.2		
BEC363       30       68.2       2.27       55.0       24.2       79.2         CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7       91.2		MACD105	28	42.5	1.52	28.0	6.9	34.9		
CLEC115       30       54.8       1.83       77.5       0.2       77.7         HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7       91.2										
HSDA260       30       61.7       2.06       75.0       3.7       78.7         HSDA264       30       60.4       2.01       61.2       6.3       67.5         MACA166       30       66.7       2.22       56.2       6.7       62.9         MACA541       30       52.1       1.74       52.5       3.3       55.8         MACD109       30       37.7       1.26       47.5       20.6       68.1         CLEA304       32       48.1       1.50       87.5       3.7       91.2										
HSDA264     30     60.4     2.01     61.2     6.3     67.5       MACA166     30     66.7     2.22     56.2     6.7     62.9       MACA541     30     52.1     1.74     52.5     3.3     55.8       MACD109     30     37.7     1.26     47.5     20.6     68.1       CLEA304     32     48.1     1.50     87.5     3.7     91.2										
MACA166     30     66.7     2.22     56.2     6.7     62.9       MACA541     30     52.1     1.74     52.5     3.3     55.8       MACD109     30     37.7     1.26     47.5     20.6     68.1       CLEA304     32     48.1     1.50     87.5     3.7     91.2										
MACA541     30     52.1     1.74     52.5     3.3     55.8       MACD109     30     37.7     1.26     47.5     20.6     68.1       CLEA304     32     48.1     1.50     87.5     3.7     91.2										
MACD109 30 37.7 1.26 47.5 20.6 68.1 CLEA304 32 48.1 1.50 87.5 3.7 91.2										
CLEA304 32 48.1 1.50 87.5 3.7 91.2										
CLEB020 32 43.8 1.37 27.5 14.7 42.2										
		CLEB020	32	43.8	1.37	27.5	14.7	42.2		

## APPENDIX 2004/05 Classroom Inventory

		<u> 20</u>	04/03 Class		ciitoi <u>y</u>		
Room Size	Room	No. of	Area in	Sq. M.	Sched. Instr 1	Bookings	Total
Interval		Seats	Sq. M.	per Seat	% Day Use %	Day Use %	6 Day Use
			1	•		,	
	CLEC108	32	57.1	1.78	75.0	2.1	77.1
	CORA128	32	41.4	1.29	80.0	3.5	83.5
	FRA142	32	80.8	2.53	32.5	6.3	38.8
	FIA104	33	59.5	1.80	65.0	5.4	70.4
	CLEA118	34	55.7	1.64	97.5	1.5	99.0
	CLED126	35	58.7	1.68	87.5	2.2	89.7
	CLED131	35	50.2	1.43	90.0	1.5	91.5
	CLED132	35	58.8	1.68	62.5	12.2	74.7
	DSBC126	35	68.0	1.94	77.5	4.6	82.1
	DSBC128	35	67.3	1.92	75.0	6.0	81.0
	DSBC130	35	67.7	1.93	82.5	4.2	86.7
	MACD115	35	47.8	1.37	72.5	2.3	74.8
	CORB145	36	76.4	2.12	82.5	5.9	88.4
	CLEA211	37	51.6	1.39	75.0	2.7	77.7
	CLEC109	37	53.4	1.44	72.5	0.5	73.0
	CLEA203	38	60.0	1.58	95.0	2.0	97.0
	CLEA204	38	48.0	1.26	76.2	5.7	81.9
	MCK155	38	61.0	1.61	52.5	8.5	61.0
	33	1,071	1,845.7	1.72	66.2	6.6	72.8
40 / 40	COD 4 1 40	40	04.2	2.11	95.0	0.4	02.4
40 to 49	CORA148	40	84.2	2.11	85.0	8.4	93.4
	DSBC113	40	88.0	2.20	77.5	8.2	85.7
	HHB116	40	116.6	2.92	82.5	4.0	86.5
	MACD287	40	91.0	2.28	65.0	9.2	74.2
	CLEC110	42	57.8	1.38	75.0	2.3	77.3
	CLED125	42	50.2	1.20	70.0	7.0	77.0
	CLED267	42	31.2	0.74	62.5	3.0	65.5
	CLEA306	44	64.1	1.46	67.5	14.3	81.8
	MACD283	44	57.8	1.31	50.0	9.0	59.0
	DSBC108	45	70.5	1.57	67.5	6.7	74.2
	MACA168	45	75.9	1.69	28.7	7.7	36.4
	MACD101	45	84.4	1.88	62.5	7.0	69.5
	MACD103	45	84.4	1.88	55.0	8.7	63.7
	MACD114	45	56.0	1.24	52.5	16.3	68.8
	CLEA206	48	64.1	1.34	80.0	1.7	81.7
	15	647	1,076.2	1.66	65.4	7.6	73.0
50 to 69	CORB111	50	73.1	1.46	77.5	4.9	82.4
	FIA103	50	76.6	1.53	82.5	2.6	85.1
	MACD111	50	97.4	1.95	70.0	5.0	75.0
	DSBC125	54	91.7	1.70	51.2	0.0	51.2
	ELL162	54	72.0	1.33	75.0	2.2	77.2
	FRA157	54	135.8	2.51	65.0	3.8	68.8
	CLEA215	58	77.9	1.34	82.5	3.3	85.8
	CUN146	58	76.6	1.32	67.5	10.0	77.5
	CORA129	59	79.6	1.35	67.5	5.2	72.7
	ELL160	59	67.4	1.14	68.7	10.5	79.2

## APPENDIX 2004/05 Classroom Inventory

			4/03 Class		Cittor y		
Room Size	Room	No. of	Area in	Sq. M.	Sched. Instr Bo	okings [	Γotal
Interval		Seats	Sq. M.	per Seat	% Day Use %	Day Use % I	Day Use
			-	-	·	•	•
	CORB107	60	67.2	1.12	70.0	15.6	85.6
	DSBC112	60	93.8	1.56	82.5	6.0	88.5
	FRA152	60	134.9	2.25	50.0	8.2	58.2
	MACA169	60	82.0	1.37	60.0	10.5	70.5
	CLEA301	62	74.7	1.20	72.5	0.1	72.6
	CORA229	62	79.6	1.28	77.5	7.9	85.4
	CLEA309	63	88.4	1.40	55.0	5.6	60.6
	CLEA303	64	73.4	1.15	85.0	10.0	95.0
	FRA158	65	168.9	2.60	45.0	11.8	56.8
	ELL060	68	86.7	1.28	60.0	5.6	65.6
	ELL061	68	86.1	1.27	63.7	5.8	69.5
	CLEA201	69	87.5	1.27	81.2	5.5	86.7
	22	1,307	1,971.3	1.51	68.6	6.4	75.0
70 to 89	CORA125	70	82.9	1.18	90.0	2.3	92.3
	CORA225	70	82.9	1.18	52.5	14.6	67.1
	MACD110	70	86.8	1.24	72.5	3.6	76.1
	MACD116	70	86.3	1.23	62.5	15.4	77.9
	DSBC116	73	128.7	1.76	57.5	14.9	72.4
	DSBC122	73	128.8	1.76	80.0	12.2	92.2
	CLEA307	74	88.0	1.19	67.5	1.6	69.1
	CLEA311	74	89.8	1.21	75.0	3.7	78.7
	DSBC118	74	88.0	1.19	87.5	3.9	91.4
	HHB110	75	52.7	0.70	42.5	22.7	65.2
	CLEC112	77	115.7	1.50	92.5	2.5	95.0
	ELL062	80	91.9	1.15	95.0	0.0	95.0
	12	880	1,122.5	1.28	72.9	8.1	81.0
90 to 179	CORA121	90	109.1	1.21	72.5	11.5	84.0
	CLEA207	92	129.7	1.41	87.5	4.2	91.7
	CORA120	94	103.0	1.10	77.5	2.5	80.0
	CORA221	95	109.1	1.15	81.2	7.9	89.1
	CORB143	96	117.1	1.22	87.5	0.0	87.5
	MCK150	107	137.2	1.28	80.0	5.6	85.6
	CORB108	108	133.4	1.24	95.0	1.7	96.7
	CORB112	108	132.8	1.23	90.0	1.5	91.5
	MACD288	110	147.4	1.34	68.7	8.0	76.7
	CLEA127	118	212.1	1.80	85.0	6.6	91.6
	ELL167	148	198.1	1.34	90.0	1.2	91.2
	HSDA240	154	182.1	1.18	90.0	4.1	94.1
	12	1,320	1,711.1	1.30	83.7	4.6	88.3
180 to 325	ELL168	180	237.1	1.32	90.0	0.6	90.6
	DSBC103	200	202.6	1.01	82.5	3.6	86.1
	HHB105	215	308.4	1.43	87.5	3.7	91.2
	MACA144	317	334.5	1.06	82.5	9.7	92.2
	FRA159	325	344.0	1.06	71.2	2.4	73.6
	5	1,237	1,426.6	1.15	82.7	4.0	86.7
Totals	133	7,053.0	10,281.3	1.46	61.4	14.3	75.6