

Land Use Planning Committee
Square Footage Data

25 September 2002

Caution: these 1998 data were obtained from a COFHE study of non-faculty staffing, and different institutions classify their buildings (and count gross square feet) differently. Nevertheless, they are the most accurate and recent data the LUPC could find.

	Swarthmore College	COFHE Min.	COFHE Max.	COFHE Median
Undergraduate FTE Students	1381	1147	2873	1915.5
FTE Faculty	174	97	256	172.5
Student/Faculty Ratio	7.9	7.9	13.2	10.9

Square Footage Maintained by B&G

Academic – sq. ft.	481,670	310,143	1,165,705	530,674
Residences – sq. ft.	645,116	458,459	1,085,297	656,408
Administrative – sq. ft.	83,048	58,558	349,085	84,384
Athletic – sq. ft.	110,667	8,000	306,228	161,770
All Other –sq. ft.	171,067	0	482,300	218,141
Total – sq. ft.	1,491,568	1,051,000	2,827,921	1,730,618

Sq Ft per Undergraduate FTE Students

Academic – sq. ft.	349	141	517	322
Residences – sq. ft.	467	257	467	348
Administrative – sq. ft.	60	24	178	55
Athletic – sq. ft.	80	4	147	86
All Other –sq. ft.	124	0	292	118
Total – sq. ft.	1,080	462	1,407	981

Sq Ft per Students in Residence Halls

Residences – sq. ft.	514	278	514	378
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Sq Ft per Total FTE Faculty

Academic – sq. ft.	2,768	1,866	5,856	3,354
Residences – sq. ft.	3,707	2,885	4,729	3,665
Administrative – sq. ft.	477	290	2,105	547
Athletic – sq. ft.	636	47	1,652	916
All Other –sq. ft.	983	0	3,303	1,205
Total – sq. ft.	8,572	6,110	15,938	9,916

	Swarthmore College	COFHE Min.	COFHE Max.	COFHE Median
Sq Ft per Total FTE Staff				
Academic – sq. ft.	1,233	671	2,016	1,269
Residences – sq. ft.	1,651	1,082	1,664	1,419
Administrative – sq. ft.	213	117	715	215
Athletic – sq. ft.	283	18	595	350
All Other –sq. ft.	438	0	1,137	451
Total – sq. ft.	3,818	2,380	5,486	3,991

“What – if” Scenarios for Projected Space Needs

Assume 11.2 students added each year, if Sq Ft is constant:

Year	Enrollment	Academic		Residences		Administration		Athletic		All Other		Total	
		SF	SF/student	SF	SF/student	SF	SF/student	SF	SF/student	SF	SF/student	SF	SF/student
1998	1381	481,670	349	645,116	467	83,048	60	110,667	80	171,067	124	1,491,568	1,080
2008	1493	481,670	323	645,116	432	83,048	56	110,667	74	171,067	115	1,491,568	999
2018	1605	481,670	300	645,116	402	83,048	52	110,667	69	171,067	107	1,491,568	929
2028	1717	481,670	280	645,116	376	83,048	48	110,667	64	171,067	100	1,491,568	869

Assume 11.2 students added each year, if Campus Maintains Current SF/student Ratio:

Year	Enrollment	Academic		Residences		Administration		Athletic		All Other		Total	
		SF	SF/student	SF	SF/student	SF	SF/student	SF	SF/student	SF	SF/student	SF	SF/student
1998	1381	481,670	349	645,116	467	83,048	60	110,667	80	171,067	124	1,491,568	1,080
2008	1493	521,057	349	697,231	467	89,580	60	119,440	80	185,132	124	1,612,440	1,080
2018	1605	560,145	349	749,535	467	96,300	60	128,400	80	199,020	124	1,733,400	1,080
2028	1717	599,233	349	801,839	467	103,020	60	137,360	80	212,908	124	1,854,360	1,080

(comes to 363,792 Sq Ft over 30 years; compare with 293,204 Sq Ft added since 1973)