

El Calculation - replacement cost models, FCI.xls
GPCR Prototypes-Building

Prototype	K5 53	K5 46	K5 38	K5 25	K5 18
Target CRs	53	46	38	25	18
Max CRs	61	53	44	28	21
Min CRs	45	39	32	21	16

Prototype enrollment and building size

FD students	912	776	608	440	304
A/P students	40	40	20	20	20
Max student load	952	816	628	460	324
SF percap	123	123	123	140	140
SF aud / perf	6 perf	6 perf	6 perf	0 perf	0 perf
SF pool	0	0	0	0	0
SF F/R 10%	12	12	12	14	14
SF supp 4	0	0	0	0	0
SF supp 5	0	0	0	0	0
Gross SF	134,518	115,301	88,736	70,840	49,896

Evaluations of prototype buildings

Target CRs	53	46	38	25	18
Reg Ed CRs	35	30	23	17	12
DW sch CRs	8	7	7	2	2
Reg Ed CR util %	66%	65%	61%	69%	65%
SF per RegEd CR	3,843	3,843	3,858	4,167	4,158
F/R extra SF	11,710	10,037	7,724	6,440	4,536
Const \$ per stud.	\$ 32,075	\$ 32,075	\$ 32,075	\$ 34,958	\$ 34,958
Oper. Cost / stud.	\$ 707	\$ 707	\$ 707	\$ 770	\$ 770
Mtn cost / stud.	\$ 481	\$ 481	\$ 481	\$ 524	\$ 524

Comparisons with existing buildings

	08-09		08-09		08-09			
HALL	79,840	347	KENN	57,730	271	LLOW	33,360	364
BETH	75,430	356	KENW	61,300	410	PRAT	42,032	242
LIND	95,662	411	DOWL	88,560	472	WENO	42,648	276
BANC	72,176	382	WAIT	57,005	369	HIAW	36,982	296
BRYN	99,669	534	HALE	74,619	619	LORI	55,916	326
BURR	106,371	716	ARMA	79,962	479	ERIC	57,874	375
PILL	83,906	470				LONG	42,733	269
WHIT	129,998	449						
LYND	91,786	356						
	92,760	447		69,863			44,506	

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Prototype

	K8 73	K8 61	K8 51	K8 38	K8 26
Target CRs	73	61	51	38	26
Max CRs	84	70	58	44	30
Min CRs	62	52	43	32	22

Prototype enrollment and building size

FD students	1,296	1,096	896	632	464
A/P students	40	40	20	20	20
Max student load	1,336	1,136	916	652	484
SF percap	141	141	149	149	149
SF aud / perf	0	0	0	0	0
SF pool	0	0	0	0	0
SF F/R 10%	14	14	15	15	15
SF supp 4	0	0	0	0	0
SF supp 5	0	0	0	0	0
Gross SF	207,214	176,194	150,132	106,863	79,328

Evaluations of prototype buildings

Target CRs	73	61	51	38	26
Reg Ed CRs	47	40	32	23	17
DW sch CRs	11	8	8	7	2
Reg Ed CR util %	64%	66%	63%	60%	66%
SF per RegEd CR	4,409	4,405	4,692	4,646	4,666
F/R extra SF	18,838	16,018	13,648	9,715	7,212
Const \$ per stud.	\$ 35,208	\$ 35,208	\$ 37,205	\$ 37,205	\$ 37,205
Oper. Cost / stud.	\$ 776	\$ 776	\$ 820	\$ 820	\$ 820
Mtnc cost / stud.	\$ 528	\$ 528	\$ 558	\$ 558	\$ 558

Comparisons with existing buildings

	08-09		08-09		08-09		08-09				
SULL	204,925	725	SHER	126,076	603	BART	80,464	752	EMER	57,061	584
ANDE	233,252	1,138	CITY	132,372	558	MARC	76,906	607	WIND	67,466	359
			LANE	111,726	864	GREE	112,715	546			
			JEFF	133,451	522	SEWA	77,300	819			
			JOHN	123,000	636						
			RAMS	149,346	910						
	219,089			129,329			86,846			62,264	

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Prototype	MS 57	MS 49	MS 40	MS 27	MS 19
Target CRs	57	49	40	27	19
Max CRs	65	56	46	31	21
Min CRs	48	41	34	23	16

Prototype enrollment and building size

FD students	1,152	960	768	576	384
A/P students	0	0	0	0	0
Max student load	1,152	960	768	576	384
SF percap	149	149	149	149	149
SF aud / perf	11 aud	11 aud	11 aud	6 perf	0
SF pool	0	0	0	0	0
SF F/R 10%	15	15	15	15	15
SF supp 4	0	0	0	0	0
SF supp 5	0	0	0	0	0
Gross SF	201,485	167,904	134,323	97,862	62,938

Evaluations of prototype buildings

Target CRs	57	49	40	27	19
Reg Ed CRs	36	30	24	18	12
DW sch CRs	8	7	7	2	2
Reg Ed CR util %	63%	62%	60%	67%	65%
SF per RegEd CR	5,597	5,597	5,597	5,437	5,245
F/R extra SF	17,165	14,304	11,443	8,582	5,722
Const \$ per stud.	\$ 39,702	\$ 39,702	\$ 39,702	\$ 38,567	\$ 37,205
Oper. Cost / stud.	\$ 875	\$ 875	\$ 875	\$ 850	\$ 820
Mtnc cost / stud.	\$ 596	\$ 596	\$ 596	\$ 579	\$ 558

Comparisons with existing buildings

OLSO	111,555	432	FIEL	69,538	499	KEEW	43,550	256
SANF	122,380	384	LUPP	78,049	616			
ANTH	139,806	512						
ANWA	144,157	513						
FOLW	140,629	272						
NEAS	176,336	480						
	139,144			73,794			43,550	

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Prototype	HS 92		HS 76		HS 52		HS 40		HS 25	
	Target CRs	92	Target CRs	76	Target CRs	52	Target CRs	40	Target CRs	25
	Max CRs	106	Max CRs	88	Max CRs	59	Max CRs	46	Max CRs	29
	Min CRs	78	Min CRs	65	Min CRs	44	Min CRs	34	Min CRs	21

Prototype enrollment and building size

FD students	2,040	1,632	1,088	816	544
A/P students	0	0	0	0	0
Max student load	2,040	1,632	1,088	816	544
SF percap	165	180	190	205	205
SF aud / perf	11 aud	11 aud	11 aud	11 aud	6 perf
SF pool	0	0	0	0	0
SF F/R 10%	17	18	19	21	21
SF supp 4	0	0	0	0	0
SF supp 5	0	0	0	0	0
Gross SF	392,700	341,088	239,360	192,984	125,936

Evaluations of prototype buildings

Target CRs	92	76	52	40	25
Reg Ed CRs	60	48	32	24	16
DW sch CRs	12	11	8	7	2
Reg Ed CR util %	65%	63%	62%	60%	65%
SF per RegEd CR	6,545	7,106	7,480	8,041	7,871
F/R extra SF	33,660	29,376	20,672	16,728	11,152
Const \$ per stud.	\$ 43,698	\$ 47,443	\$ 49,940	\$ 53,686	\$ 52,551
Oper. Cost / stud.	\$ 963	\$ 1,045	\$ 1,100	\$ 1,183	\$ -
Mtnc cost / stud.	\$ 655	\$ 712	\$ 749	\$ 805	\$ -

Comparisons with existing buildings

SOUT	278,843	1,980	WASH	231,387	955	BROA	182,594
ROOS	307,029	1,210	EDIS	257,922	925	LEHM	139,222
			HENR	227,525	1,190		
			SWES	264,560	1,699	HARR	52,802
			NORT	283,568	547		
				252,992			
						average	####