

UNIVERSITY OF CALIFORNIA

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November 1, 2019

The Honorable Holly J. Mitchell
Chair, Joint Legislative Budget Committee
1020 N Street, Room 553
Sacramento, California 95814

Ms. Keely Bosler
Director of Finance
State Capitol, Room 1145
Sacramento, CA 95814

Dear Senator Mitchell and Director Bosler

Enclosed is the University of California's report of Instruction and Research Space Summary and Analysis for fall 2018. This report responds to Section 67502(a) of the Education Code that requests the University of California to provide the Joint Legislative Budget Committee and the Department of Finance a summary of all instructional and research space in the university system.

Sincerely,

Paul Jenny
Interim Executive Vice President – Chief Financial Officer

Enclosure

cc: Ms. Jennifer Troia, Consultant, Joint Legislative Budget Committee
Mr. Petek, Legislative Analyst
Mr. Constantouros, Senior Fiscal and Policy Analyst, Legislative Analyst's Office
Ms. McGee, Executive Secretary, Legislative Analyst's Office
Mr. Almy, Program Budget Manager, Department of Finance
Mr. Lief, Assistant Program Manager, Department of Finance
Ms. Lukenbill, Principal Program Analyst, Department of Finance
Mr. Katz, Finance Budget Analyst, Department of Finance
Ms. Contreras, Secretary of the Senate
Mr. Wilson, Chief Clerk of the Assembly
Ms. Leach, Office of the Chief Clerk of the Assembly
Indexing Division, Office of Legislative Counsel
Associate Vice President & Systemwide Controller Arrivas
Associate Vice President Flaherty
Executive Director Stimpson

University of California
**Instruction and Research Space Summary and
Analysis**

November 2019

FALL 2018 INSTRUCTION AND RESEARCH SPACE SUMMARY AND ANALYSIS

I. INTRODUCTION

This report provides a summary of all instructional and research space in the university system. The summary shall consist of campus data indicating existing space available to each department of instruction and research. The data contained in the enclosed report reflect fall 2018 campus enrollments and space data.

II. SPACE ANALYSIS TABLES

The space analysis tables are a tool to measure and project the adequacy of instructional space instruction and research (I&R) programs against projected enrollment. The space standards apply to the following categories of space: classrooms, teaching laboratories, research/scholarly activity facilities, and offices.

Classrooms. The space analysis tables include all campus general-assignment and departmentally controlled classrooms and seminar rooms within general and professional I&R programs. Excluded from this submittal are health sciences, University Extension, and other non-standard programs and rooms (for example: physical education, military science, etc.).

Teaching Laboratories. The space analysis tables include all campus general-assignment (if any) and departmentally controlled class laboratories for both general and professional I&R programs. Excluded from this submittal are health sciences, University Extension, and other non-standard programs and rooms.

Research/Scholarly Activity and Offices. Besides research activities, this space category includes all non-instructional departmental activities that promote scholarship and encourage student-faculty interaction. It is recognized that not all research takes place in laboratories or in studio space. In some disciplines, research takes place in offices. As a result, the assignable square feet of office space overstates the amount of space actually being used for office activities, and understates the amount of space used for research activities. The two space categories overlap to such an extent, that a more valid measure of non-instructional space is attained when research/scholarly activity and office space are combined.

III. REPORT FORMAT

Enrollment projections used for these space tables may be found in Appendix A. The first table of Appendix B present systemwide comparison of projected campus space to CPEC standard by year for I&R programs. The remaining tables in Appendix B provide information for each campus.

- **Table 1** compares the amount of projected space with the CPEC guidelines for space based on assumed enrollment projections.
- **Table 2** projects the net impact space that will added to the facilities inventory upon completion of capital projects.

IV. CAVEATS ABOUT ANALYSIS

Enrollment. Enrollments projections are for the space tables only. All campuses except UC Merced assumes a 1% enrollment growth from 2019-2024; UC Merced assumes a 1% growth after 2021-2024.

CPEC Standard. CPEC's 1990 report, *A Capacity for Learning*, was the first comprehensive study of space standards since 1966. The 1990 guideline does not take into account new pedagogy and modern research needs. As a result, the conclusions of this report are greatly limited.

V. CONCLUSION

Space standards are a valuable tool for projecting future space needs. However, the 1990 CPEC guideline is outdated and cannot be used to provide a realistic space projection. Nor does this guideline take into account the age of space -- often newer space can be used more efficiently.

University of California
FTE Enrollment Projections for Space Tables only (2018 is actual)
For all campuses except, UC Merced assumes 1% enrollment growth 2019-2024
For UC Merced, assumes 1% growth 2021-2024
 (Includes summer enrollments)

BERKELEY

2018	40,735
2019	41,142
2020	41,554
2021	41,969
2022	42,389
2023	42,813
2024	43,241

LOS ANGELES

2018	43,410
2019	43,845
2020	44,283
2021	44,726
2022	45,173
2023	45,625
2024	46,081

SAN DIEGO

2018	38,260
2019	38,643
2020	39,029
2021	39,420
2022	39,814
2023	40,212
2024	40,614

DAVIS

2018	37,567
2019	37,942
2020	38,322
2021	38,705
2022	39,092
2023	39,483
2024	39,878

MERCED

2018	8,569
2019	9,219
2020	9,869
2021	9,968
2022	10,068
2023	10,168
2024	10,270

SANTA BARBARA

2018	25,980
2019	26,240
2020	26,502
2021	26,767
2022	27,035
2023	27,305
2024	27,578

IRVINE

2018	36,805
2019	37,173
2020	37,545
2021	37,920
2022	38,299
2023	38,682
2024	39,069

RIVERSIDE

2018	23,410
2019	23,644
2020	23,880
2021	24,119
2022	24,360
2023	24,604
2024	24,850

SANTA CRUZ

2018	19,837
2019	20,036
2020	20,236
2021	20,438
2022	20,643
2023	20,849
2024	21,058

**UNIVERSITY OF CALIFORNIA
SPACE ANALYSIS TABLES**

TABLE A/S: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	2018	2019	2020	2021	2022	2023	2024	Net
BERKELEY								
Actual	2,771,962	2,771,962	2,771,962	2,771,962	2,771,962	2,811,962	2,811,962	40,000
Allowed	3,575,342	3,611,095	3,647,206	3,683,678	3,720,515	3,757,720	3,795,298	219,956
% of allowed	78%	77%	76%	75%	75%	75%	74%	
DAVIS								
Actual	2,311,856	2,325,784	2,331,284	2,331,284	2,391,084	2,414,784	2,414,784	102,928
Allowed	2,917,688	2,946,865	2,976,334	3,006,097	3,036,158	3,066,520	3,097,185	179,497
% of allowed	79%	79%	78%	78%	79%	79%	78%	
IRVINE								
Actual	1,606,605	1,606,605	1,714,339	1,714,339	1,775,539	1,775,539	1,775,539	168,934
Allowed	2,184,788	2,206,635	2,228,702	2,250,989	2,273,499	2,296,234	2,319,196	134,408
% of allowed	74%	73%	77%	76%	78%	77%	77%	
LOS ANGELES								
Actual	2,272,647	2,300,352	2,300,352	2,300,352	2,300,352	2,300,352	2,300,352	27,705
Allowed	2,964,898	2,994,547	3,024,493	3,054,738	3,085,285	3,116,138	3,147,299	182,401
% of allowed	77%	77%	76%	75%	75%	74%	73%	
MERCED								
Actual	264,651	415,471	603,937	603,937	603,937	603,937	603,937	339,286
Allowed	453,949	488,382	522,814	528,042	533,323	538,656	544,043	84,707
% of allowed	58%	85%	116%	114%	113%	112%	111%	
RIVERSIDE								
Actual	1,214,830	1,214,830	1,214,830	1,252,634	1,275,134	1,275,134	1,275,134	60,304
Allowed	1,627,042	1,643,313	1,659,746	1,676,343	1,693,107	1,710,038	1,727,138	100,096
% of allowed	75%	74%	73%	75%	75%	75%	74%	
SAN DIEGO								
Actual	1,724,223	1,724,223	1,724,223	1,724,223	2,008,523	2,008,523	2,008,523	284,300
Allowed	2,781,960	2,809,780	2,837,877	2,866,256	2,894,919	2,923,868	2,953,107	171,147
% of allowed	62%	61%	61%	60%	69%	69%	68%	
SANTA BARBARA								
Actual	1,338,010	1,338,010	1,338,010	1,338,010	1,338,010	1,387,440	1,387,440	49,430
Allowed	1,620,573	1,636,779	1,653,147	1,669,678	1,686,375	1,703,239	1,720,271	99,698
% of allowed	83%	82%	81%	80%	79%	81%	81%	
SANTA CRUZ								
Actual	848,530	848,530	848,530	873,530	873,530	873,530	873,530	25,000
Allowed	1,161,064	1,172,674	1,184,401	1,196,245	1,208,208	1,220,290	1,232,493	71,429
% of allowed	73%	72%	72%	73%	72%	72%	71%	
TOTAL								
Actual	14,353,314	14,545,767	14,659,001	14,910,271	15,338,071	15,451,201	15,451,201	1,097,887
Allowed	19,287,304	19,510,071	19,700,287	19,926,839	20,126,107	20,327,369	20,530,642	1,243,338
% of allowed	74%	75%	74%	75%	76%	76%	75%	

UNIVERSITY OF CALIFORNIA, BERKELEY

SPACE ANALYSIS TABLES, FALL 2018

TABLE 1: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	Actual		Projected				
	2018	2019	2020	2021	2022	2023	2024
I&R STANDARD PROGRAMS							
Classroom							
Projected	291,584	291,584	291,584	291,584	291,584	291,584	291,584
CPEC	264,121	266,763	269,430	272,125	274,846	277,594	280,370
% of CPEC	110%	109%	108%	107%	106%	105%	104%
Teaching laboratory							
Projected	221,591	221,591	221,591	221,591	221,591	221,591	221,591
CPEC	270,119	272,820	275,548	278,303	281,087	283,897	286,736
% of CPEC	82%	81%	80%	80%	79%	78%	77%
Office/Res/Schol Activity							
Projected	2,258,787	2,258,787	2,258,787	2,258,787	2,258,787	2,298,787	2,298,787
CPEC	3,041,102	3,071,513	3,102,228	3,133,250	3,164,583	3,196,229	3,228,191
% of CPEC	74%	74%	73%	72%	71%	72%	71%
Total I&R Standard Programs							
Projected	2,771,962	2,771,962	2,771,962	2,771,962	2,771,962	2,811,962	2,811,962
CPEC	3,575,342	3,611,095	3,647,206	3,683,678	3,720,515	3,757,720	3,795,298
% of CPEC	78%	77%	76%	75%	75%	75%	74%

UNIVERSITY OF CALIFORNIA, DAVIS

SPACE ANALYSIS TABLES, FALL 2018

TABLE 1: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	Actual		Projected				
	2018	2019	2020	2021	2022	2023	2024
I&R STANDARD PROGRAMS							
Classroom							
Projected	154,340	162,014	162,014	162,014	203,514	203,514	203,514
CPEC	202,968	204,997	207,047	209,118	211,209	213,321	215,454
% of CPEC	76%	79%	78%	77%	96%	95%	94%
Teaching laboratory							
Projected	231,866	231,866	237,366	237,366	237,366	237,366	237,366
CPEC	336,089	339,450	342,844	346,273	349,735	353,233	356,765
% of CPEC	69%	68%	69%	69%	68%	67%	67%
Office/Res/Schol Activity							
Projected	1,925,650	1,931,904	1,931,904	1,931,904	1,950,204	1,973,904	1,973,904
CPEC	2,378,632	2,402,418	2,426,442	2,450,706	2,475,214	2,499,966	2,524,965
% of CPEC	81%	80%	80%	79%	79%	79%	78%
Total I&R Standard Programs							
Projected	2,311,856	2,325,784	2,331,284	2,331,284	2,391,084	2,414,784	2,414,784
CPEC	2,917,688	2,946,865	2,976,334	3,006,097	3,036,158	3,066,520	3,097,185
% of CPEC	79%	79%	78%	78%	79%	79%	78%

UNIVERSITY OF CALIFORNIA, IRVINE

SPACE ANALYSIS TABLES, FALL 2018

TABLE 1: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	Actual			Projected			
	2018	2019	2020	2021	2022	2023	2024
I&R STANDARD PROGRAMS							
Classroom							
Actual	194,341	194,341	198,741	198,741	212,041	212,041	212,041
CPEC	223,224	225,456	227,710	229,987	232,287	234,610	236,956
% of CPEC	87%	86%	87%	86%	91%	90%	89%
Teaching laboratory							
Actual	66,913	66,913	70,113	70,113	70,113	70,113	70,113
CPEC	182,441	184,266	186,108	187,969	189,849	191,748	193,665
% of CPEC	37%	36%	38%	37%	37%	37%	36%
Office/Res/Schol Activity							
Actual	1,345,351	1,345,351	1,445,485	1,445,485	1,493,385	1,493,385	1,493,385
CPEC	1,779,123	1,796,914	1,814,883	1,833,032	1,851,362	1,869,876	1,888,575
% of CPEC	76%	75%	80%	79%	81%	80%	79%
Total I&R Standard Programs							
Actual	1,606,605	1,606,605	1,714,339	1,714,339	1,775,539	1,775,539	1,775,539
CPEC	2,184,788	2,206,635	2,228,702	2,250,989	2,273,499	2,296,234	2,319,196
% of CPEC	74%	73%	77%	76%	78%	77%	77%

UNIVERSITY OF CALIFORNIA, IRVINE

SPACE ANALYSIS TABLES, FALL 2018

TABLE 2: NET IMPACT

	Actual		Projected					2024 Net Impact
	2018	2019	2020	2021	2022	2023		
I. I&R STANDARD PROGRAMS								
Classroom (S)	194,341	0	4,400	0	13,300	0	0 17,700	
Teaching Laboratory (S)	66,913	0	3,200	0	0	0	0 3,200	
Teaching Laboratory (N)	108,625	0	0	0	21,000	0	0 21,000	
Office/Res/Schol Activity (S)	1,345,351	0	100,134	0	47,900	0	0 148,034	
Not Covered by CPEC (N)	53,193	0	0	0	0	0	0 0	
Subtotal Standard Space	1,606,605	0	107,734	0	61,200	0	0 168,934	
Subtotal Non-standard Space	161,818	0	0	0	21,000	0	0 21,000	

UNIVERSITY OF CALIFORNIA, LOS ANGELES

SPACE ANALYSIS TABLES, FALL 2018

TABLE 1: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	Actual		Projected				
	2018	2019	2020	2021	2022	2023	2024
I&R STANDARD PROGRAMS							
Classroom							
Projected	301,924	311,599	311,599	311,599	311,599	311,599	311,599
CPEC	224,101	226,342	228,606	230,892	233,201	235,533	237,888
% of CPEC	135%	138%	136%	135%	134%	132%	131%
Teaching laboratory							
Projected	121,146	121,146	121,146	121,146	121,146	121,146	121,146
CPEC	169,882	171,581	173,297	175,030	176,780	178,548	180,333
% of CPEC	71%	71%	70%	69%	69%	68%	67%
Office/Res/Schol Activity							
Projected	1,849,577	1,867,607	1,867,607	1,867,607	1,867,607	1,867,607	1,867,607
CPEC	2,570,915	2,596,624	2,622,590	2,648,816	2,675,304	2,702,057	2,729,078
% of CPEC	72%	72%	71%	71%	70%	69%	68%
Total I&R Standard Programs							
Projected	2,272,647	2,300,352	2,300,352	2,300,352	2,300,352	2,300,352	2,300,352
CPEC	2,964,898	2,994,547	3,024,493	3,054,738	3,085,285	3,116,138	3,147,299
% of CPEC	77%	77%	76%	75%	75%	74%	73%

UNIVERSITY OF CALIFORNIA, LOS ANGELES

SPACE ANALYSIS TABLES, FALL 2018

TABLE 2: NET IMPACT

	Actual		Projected					2024 Net Impact
	2018	2019	2020	2021	2022	2023		
I. I&R STANDARD PROGRAMS								
Classroom (S)	301,924	9,675	0	0	0	0	0	9,675
Teaching Laboratory (S)	121,146	-	0	0	0	0	0	0
Teaching Laboratory (N)	229,767	(1,442)	0	3,584	0	0	0	2,142
Office/Res/Schol Activity (S)	1,849,577	18,030	0	0	0	0	0	18,030
Not Covered by CPEC (N)	71,748	1,800	0	0	0	0	0	1,800
Total Standard Space	2,272,647	27,705	0	0	0	0	0	27,705
Total Non-standard Space	301,515	358	0	3,584	0	0	0	3,942

UNIVERSITY OF CALIFORNIA, MERCED

SPACE ANALYSIS TABLES, FALL 2018

TABLE 1: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	Actual			Projected			
	2018	2019	2020	2021	2022	2023	2024
I&R STANDARD PROGRAMS							
Classroom ¹							
Projected	53,527	87,087	87,087	87,087	87,087	87,087	87,087
CPEC	35,650	38,354	41,058	41,469	41,884	42,302	42,726
% of CPEC	150%	227%	212%	210%	208%	206%	204%
Teaching laboratory							
Projected	37,530	53,415	63,975	63,975	63,975	63,975	63,975
CPEC	87,617	94,263	100,908	101,917	102,937	103,966	105,006
% of CPEC	43%	57%	63%	63%	62%	62%	61%
Office/Res/Schol Activity							
Projected	173,594	274,969	452,875	452,875	452,875	452,875	452,875
CPEC	330,682	355,765	380,848	384,656	388,503	392,388	396,312
% of CPEC	52%	77%	119%	118%	117%	115%	114%
Total I&R Standard Programs							
Projected	264,651	415,471	603,937	603,937	603,937	603,937	603,937
CPEC	453,949	488,382	522,814	528,042	533,323	538,656	544,043
% of CPEC	58%	85%	116%	114%	113%	112%	111%

Footnotes

1. Some of the "actual" classroom space (both current and projected) displayed in the table include interchangeable rooms that, under CPEC, would be classified as teaching laboratory space. However, Merced's Registrar's office schedules these spaces as classrooms (and are listed under "Classroom" category as a result) because their primary use is for class lectures, despite hosting numerous activities that are more associated with Teaching Labs. With Merced's use of interchangeable space, the space needs are better analyzed when combining the classroom and teaching laboratory categories. When combined, the Merced campus is at 100% of the allowed space by 2022 (see calculation below).

Calculation: $151,062$ (2024 Classroom Projected Actual + 2024 Teaching Lab Projected Actual) / $147,731$ (2024 Classroom Projected CPEC + 2024 Teaching Lab Projected CPEC) = **102% of CPEC**.

UNIVERSITY OF CALIFORNIA, MERCED

SPACE ANALYSIS TABLES, FALL 2018

TABLE 2: NET IMPACT

	Actual			Projected				2024 Net Impact
	2018	2019	2020	2021	2022	2023		
I. I&R STANDARD PROGRAMS								
Classroom (S)	53,527	33,560	0	0	0	0	0	33,560
Teaching Laboratory (S)	37,530	15,885	10,560	0	0	0	0	26,445
Teaching Laboratory (N)	2,962	0	0	0	0	0	0	0
Office/Res/Schol Activity (S)	173,594	101,375	177,906	0	0	0	0	279,281
Not Covered by CPEC (N)	837	0	(39,062)	0	0	0	0	(39,062)
Subtotal Standard Space	264,651	150,820	188,466	0	0	0	0	339,286
Subtotal Non-standard Space	3,799	0	(39,062)	0	0	0	0	(39,062)

UNIVERSITY OF CALIFORNIA, RIVERSIDE

SPACE ANALYSIS TABLES, FALL 2018

TABLE 1: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	Actual			Projected			
	2018	2019	2020	2021	2022	2023	2024
I&R STANDARD PROGRAMS							
Classroom							
Projected	113,341	113,341	113,341	140,787	140,787	140,787	140,787
CPEC	140,710	142,117	143,538	144,974	146,423	147,888	149,366
% of CPEC	81%	80%	79%	97%	96%	95%	94%
Teaching laboratory							
Projected	84,262	84,262	84,262	94,620	94,620	94,620	94,620
CPEC	208,291	210,374	212,477	214,602	216,748	218,916	221,105
% of CPEC	40%	40%	40%	44%	44%	43%	43%
Office/Res/Schol Activity							
Projected	1,017,227	1,017,227	1,017,227	1,017,227	1,039,727	1,039,727	1,039,727
CPEC	1,278,042	1,290,822	1,303,730	1,316,767	1,329,935	1,343,235	1,356,667
% of CPEC	80%	79%	78%	77%	78%	77%	77%
Total I&R Standard Programs							
Projected	1,214,830	1,214,830	1,214,830	1,252,634	1,275,134	1,275,134	1,275,134
CPEC	1,627,042	1,643,313	1,659,746	1,676,343	1,693,107	1,710,038	1,727,138
% of CPEC	75%	74%	73%	75%	75%	75%	74%

UNIVERSITY OF CALIFORNIA, SAN DIEGO

SPACE ANALYSIS TABLES, FALL 2018

TABLE 1: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	Actual			Projected			
	2018	2019	2020	2021	2022	2023	2024
I&R STANDARD PROGRAMS							
Classroom							
Projected	131,467	131,467	131,467	131,467	204,877	204,877	204,877
CPEC	221,303	223,516	225,751	228,009	230,289	232,592	234,918
% of CPEC	59%	59%	58%	58%	89%	88%	87%
Teaching laboratory							
Projected	159,118	159,118	159,118	159,118	159,118	159,118	159,118
CPEC	231,497	233,812	236,150	238,511	240,896	243,305	245,738
% of CPEC	69%	68%	67%	67%	66%	65%	65%
Office/Res/Schol Activity							
Projected	1,433,638	1,433,638	1,433,638	1,433,638	1,644,528	1,644,528	1,644,528
CPEC	2,329,160	2,352,452	2,375,977	2,399,736	2,423,734	2,447,971	2,472,451
% of CPEC	62%	61%	60%	60%	68%	67%	67%
Total I&R Standard Programs							
Projected	1,724,223	1,724,223	1,724,223	1,724,223	2,008,523	2,008,523	2,008,523
CPEC	2,781,960	2,809,780	2,837,877	2,866,256	2,894,919	2,923,868	2,953,107
% of CPEC	62%	61%	61%	60%	69%	69%	68%

UNIVERSITY OF CALIFORNIA, SAN DIEGO

SPACE ANALYSIS TABLES, FALL 2018

TABLE 2: NET IMPACT

	Actual		Projected					2024 Net Impact
	2018	2019	2020	2021	2022	2023		
I. I&R STANDARD PROGRAMS								
Classroom (S)	131,467	0	0	0	73,410	0	0	73,410
Teaching Laboratory (S)	159,118	0	0	0	0	0	0	0
Teaching Laboratory (N)	102,345	0	0	0	1,500	0	0	1,500
Office/Res/Schol Activity (S)	1,433,638	0	0	0	210,890	0	0	210,890
Not Covered by CPEC (N)	80,833	0	0	0	2,200	0	0	2,200
Subtotal Standard Space	1,724,223	0	0	0	284,300	0	0	284,300
Subtotal Non-standard Space	183,178	0	0	0	3,700	0	0	3,700

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

SPACE ANALYSIS TABLES, FALL 2018

TABLE 1: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	Actual		Projected				
	2018	2019	2020	2021	2022	2023	2024
I&R STANDARD PROGRAMS							
Classroom							
Projected	114,432	114,432	114,432	114,432	114,432	163,862	163,862
CPEC	149,704	151,201	152,713	154,241	155,783	157,341	158,914
% of CPEC	76%	76%	75%	74%	73%	104%	103%
Teaching laboratory							
Projected	103,737	103,737	103,737	103,737	103,737	103,737	103,737
CPEC	155,689	157,246	158,819	160,407	162,011	163,631	165,267
% of CPEC	67%	66%	65%	65%	64%	63%	63%
Office/Res/Schol Activity							
Projected	1,119,841	1,119,841	1,119,841	1,119,841	1,119,841	1,119,841	1,119,841
CPEC	1,315,180	1,328,332	1,341,615	1,355,031	1,368,581	1,382,267	1,396,090
% of CPEC	85%	84%	83%	83%	82%	81%	80%
Total I&R Standard Programs							
Projected	1,338,010	1,338,010	1,338,010	1,338,010	1,338,010	1,387,440	1,387,440
CPEC	1,620,573	1,636,779	1,653,147	1,669,678	1,686,375	1,703,239	1,720,271
% of CPEC	83%	82%	81%	80%	79%	81%	81%

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

SPACE ANALYSIS TABLES, FALL 2018

TABLE 2: NET IMPACT

	Actual		Projected					2024 Net Impact
	2018	2019	2020	2021	2022	2023		
I. I&R STANDARD PROGRAMS								
Classroom (S)	114,432	0	0	0	0	49,430	0	49,430
Teaching Laboratory (S)	103,737	0	0	0	0	0	0	0
Teaching Laboratory (N)	94,475	0	0	0	0	0	0	0
Office/Res/Schol Activity (S)	1,119,841	0	0	0	0	0	0	0
Not Covered by CPEC (N)	71,210	0	0	0	2,200	0	0	2,200
Subtotal Standard Space	1,338,010	0	0	0	0	49,430	0	49,430
Subtotal Non-standard Space	165,685	0	0	0	2,200	0	0	2,200

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

SPACE ANALYSIS TABLES, FALL 2018

TABLE 1: COMPARISON OF PROJECTED CAMPUS SPACE (2018 IS ACTUAL) TO CPEC STANDARDS FOR ASSIGNABLE SPACE BY YEAR FOR INSTRUCTION AND RESEARCH (I&R) PROGRAMS

	Actual			Projected			
	2018	2019	2020	2021	2022	2023	2024
I&R STANDARD PROGRAMS							
Classroom							
Projected	80,252	80,252	80,252	95,252	95,252	95,252	95,252
CPEC	120,876	122,085	123,306	124,539	125,785	127,042	128,313
% of CPEC	66%	66%	65%	76%	76%	75%	74%
Teaching laboratory							
Projected	122,213	122,213	122,213	122,213	122,213	122,213	122,213
CPEC	127,734	129,011	130,302	131,605	132,921	134,250	135,592
% of CPEC	96%	95%	94%	93%	92%	91%	90%
Office/Res/Schol Activity							
Projected	646,065	646,065	646,065	656,065	656,065	656,065	656,065
CPEC	912,453	921,578	930,793	940,101	949,502	958,997	968,587
% of CPEC	71%	70%	69%	70%	69%	68%	68%
Total I&R Standard Programs							
Projected	848,530	848,530	848,530	873,530	873,530	873,530	873,530
CPEC	1,161,064	1,172,674	1,184,401	1,196,245	1,208,208	1,220,290	1,232,493
% of CPEC	73%	72%	72%	73%	72%	72%	71%

