

Indicated Demand for Places in the Student Body
of California State College, Bakersfield

As means toward making the most accurate possible estimate of demand for places in the student body of California State College, Bakersfield, during 1970-71 and 1971-72 the following steps have been taken:

1. Questionnaires were distributed during May, 1968, to 2358 seniors in Kern County high schools.
2. Questionnaires were distributed by mail to a random sample of 200 drawn from the 1425 non-freshman and non-terminal students at Bakersfield College during the spring semester of 1967-68.
3. Questionnaires were distributed to new students entering Bakersfield College in September, 1968.
4. Figures on enrollment at Bakersfield Center of Fresno State College were secured in September, 1968.
5. Estimates of prospective transfers from Taft and Porterville colleges were developed.
6. Statistics on enrollment of Kern County students in existing State Colleges were secured and analyzed.

The following pages set forth the results of these studies, followed by a summary of their apparent implications.

P. S. Wilder

September 20, 1968

TO: SENIORS IN KERN COUNTY HIGH SCHOOLS

The new State College in Bakersfield is scheduled to begin classes in September 1970. This means that if you continue directly with college level work we will not be able to serve you during your freshman and sophomore years but we will be in operation in time for you to do your upper division work with us.

When we offer our first classes the new College will necessarily provide only a limited number of programs. We want to insure that these first offerings will be of maximum service to our prospective students.

It will be helpful to us and potentially helpful to you if you will fill out and submit the questionnaire below.

Thank you for your cooperation.

PHILIP S. WILDER, JR.
Dean of the College
California State College - Kern County

Name _____

Grade Average _____

Home Residence _____

do ()

Next year I do not () plan to attend college.

Which college? _____

If the State College in Bakersfield opens on schedule and offers the college program I want to take, I do not () believe I will do my upper division work there.

If I go to college for four years I expect to Major in _____

(If the new State College were to be ready next fall in time for me to do my freshman and sophomore work there () I certainly would attend; () I might attend; () I would not attend.)

Responses to Questionnaires Administered to Kern County Joint Union High School District
1968 Seniors in Track 3, 4 and 5, by School

School	1968 Graduates	No. of Questionnaires	Want to do Upper Div. Work at CSCB in '70 if Appropriate Program Offered						Would have Wanted to do Lower Div. Work at CSCB if Open Sept. '68					
			Total		2.0 Ave. in Track 4 or 5 or 3.0 in Track 3		2.4 Ave. in Track 4 or 5 or 3.0 in Track 3 & Major Available 1st Two Years		Total			2.0 Ave. in Track 4 or 5 or 3.0 in Track 3		
			Yes	No	Yes, all Majors	Yes, Major Offered by '75	Yes	Probable	Yes	Maybe	No	Yes	Maybe	No
Arvin	236	94	14	29	14	12	9	3	9	19	16	9	16	12
Bksfld.	704	504	169	223	61	38	34	6	98	177	138	31	97	80
Burroughs	338	205	54	106	45	37	22	15	33	58	77	28	51	35
E.Bksfld.	483	229	90	94	53	42	26	9	64	93	52	45	53	32
Foothill	318	269	111	120	64	48	20	12	47	102	78	36	58	40
Kern Valley	62	50	13	21	9	7	4	0	7	14	16	7	8	1
McFarland	55	37	19	16	12	9	3	3	10	15	11	6	11	4
North	375	324	135	133	88	64	33	9	65	120	118	42	72	44
Shafter	194	96	36	48	34	25	13	4	16	46	30	11	46	12
South	333	231	111	72	60	46	24	15	53	83	46	35	48	23
West	356	319	136	109	88	69	27	18	79	114	99	48	55	22
Total	3,454	2,358	888	971	528	397	215	94	481	841	681	298	515	305



California State College

Kern County

May 10, 1968

TO: MEMBERS OF THE BAKERSFIELD COLLEGE CLASS OF 1968

We are asking you to help us plan the curriculum for the first years of the State College which is scheduled to open in Bakersfield two years too late for us to be able to help you when you graduate from Bakersfield College in June.

When we offer our first classes, the new College will necessarily provide only a limited number of courses. We want to insure that these first offerings will be of maximum service to our prospective students. Since we expect a large proportion of our upper division enrollment to be made up of Bakersfield College graduates, we have prepared this questionnaire.

By telling us what you would want to be able to study at the State College if it were going to open next year, you will help us shape our program as closely as possible to the needs of the Bakersfield College graduates coming after you for whom the State College will be available.

Please return the enclosed post card as soon as possible. In order to limit our postal costs we are sending this mailing to only a portion of your Bakersfield College class. This increases the importance of each questionnaire that goes out.

Thank you for y

Philip S. Wilde

Name _____

PHILIP S. WILDE
Dean of the Col

Enclosure

PSW:jm

My plans for work or study next year are to _____

If the State College in Bakersfield were going to be open next fall and offered the academic program in which I am interested:

I certainly would attend ()
I probably would attend ()
I might attend ()
I might take a few courses ()

I would probably go to another college ()
I would not go to college next year ()

For the State College in Bakersfield to have met my needs it would have been essential for it to offer the following programs:

Responses to the questionnaire administered to Bakersfield College seniors May, 1968

Two hundred questionnaires were sent to a random sample of the 1425 Bakersfield College students who were not freshmen and who were not pursuing terminal programs. This amounted to one-seventh of the appropriate student population. Ninety-eight questionnaires were returned. The following analysis assumes that none of the students who failed to return questionnaires will apply for admission to Cal State Bakersfield.

	<u>Questionnaires</u>	<u>Total Students</u>
Certainly or probably would have attended CSCB in September, 1968, taking a major which will be offered during the first two years of the College	38	266
Of these, 29 (203) certainly would have attended in a first two-year major.		
These respondents include 13 (91) who indicate they will be attending Bakersfield Center of Fresno State in September, 1968, and 16 (112) who do not plan to attend Bakersfield Center.		
The remaining 9 (63) said they probably would have attended in a first two-year major.		
Might have attended in a first two-year major	7	49
Might have taken a few courses	6	42
Certainly, probably, or might have attended in a major that the Academic Master Plan calls for in the third, fourth, or fifth year of CSCB	14	98
Of these, 6 (42) checked Certainly, 3 (21) checked Probably, and 6 (42) checked Might		
Would probably have gone to another college and studied a program available at CSCB	14	98
Would have wanted to attend but desired programs not planned for CSCB. These included:	13	91
Engineering	5 (35)	
Agriculture	4 (28)	
Industrial Arts	2 (14)	
Architecture	1 (7)	
Police Science	1 (7)	
Would not have attended college next year even if CSCB had been available	6	42

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Results of questionnaire administered to Bakersfield College freshmen, September, 1968

Bakersfield College authorities distributed questionnaires to 533 entering students as part of the College's orientation program in September, 1968. The College's Dean of Students reports that this group represented approximately 35 per cent of the College's freshmen who are pursuing non-terminal programs. The results of the questionnaires and their significance for the total class are set forth below.

	<u>Question-</u> <u>naires</u>	Total <u>B. C. Class</u>
Certainly will want to enter CSCB September, 1970, taking a major to be offered at that time	72	206
Probably will want to enter CSCB September, 1970, taking a major to be offered at that time	61	174
Might want to enter CSCB in 1970	120	343
Certainly would have wanted to attend CSCB September, 1970, but with a major not offered until the third, fourth or fifth year	8	24
Certainly would have wanted to attend CSCB September, 1970, but with a major not included in the Academic Master Plan	7	21
Probably would have wanted to attend CSCB September, 1970, but with a major not then available	27	77
Probably will want to attend CSCB in a year later than 1970	34	97
Expect to do upper division work at another college	155	443
Plan no college after Bakersfield	49	140

9/20/68

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MEMORANDUM

September 19, 1968

Prospective Students Transferring from Taft and Porterville Colleges

Taft College now graduates approximately 125 students per year of whom 85 continue college work, 60 attending State Colleges and 35 of these attending Fresno State.

Taft College Dean of Students estimates that from 20 to 25 students graduating from Taft College in June, 1970, will want to attend California State College, Bakersfield in September, 1970.

Questionnaires distributed at Taft College registration September, 1968, but given inadequate visibility or explanation produced the following 14 responses from among the 275 entering students:

Certainly attend CSCB 1970	1
Probably attend CSCB 1970	2
Might attend CSCB 1970	6
Probably attend CSCB later	2
<u>Will attend another college</u>	1
No college planned after Taft	2

Porterville College now graduates approximately 110 students per year of whom 80 continue college work, 60 attending State Colleges and 48 of these attending Fresno State.

Porterville College Dean of Students estimates that approximately 20 students who graduate from Porterville College in June, 1970, will want to attend California State College, Bakersfield in September, 1970, and that this number will increase rapidly in ensuing years. He also estimates that approximately 75 additional persons from the Porterville area will want to begin full or part time work at California State College, Bakersfield in 1970.

P. S. Wilder

BAKERSFIELD CENTER

NET THREE WEEKS ENROLLMENTFall Semesters, 1960-1968:

<u>Units</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>
7+	117	145	165	214	188	169	152	207	274
1-6	236	257	271	386	361	341	300	345	403
Total	353	402	436	600	549	510	452	552	677*

Spring Semesters, 1960-1968:

<u>Units</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>
7+	126	151	153	184	209	181	149	188	207
1-6	308	302	314	368	356	309	277	367	396
Total	434	453	467	552	565	490	426	555	603

Full-time Equivalents, 1960-1968:

Fall 1960	180	Fall 1961	194	Fall 1962	212
Spring 1961	202	Spring 1962	214	Spring 1963	249
Average	191	Average	204	Average	231
Fall 1963	258	Fall 1964	250	Fall 1965	229.33
Spring 1964	271	Spring 1965	227	Spring 1966	199.86
Average	265	Average	238.5	Average	214.59
Fall 1966	212.8	Fall 1967	279.4	Fall 1968	352.8*
Spring 1967	250.9	Spring 1968	296.5	Spring 1969	not available
Average	231.8	Average	287.9		

*Includes only first two days of registration.

Consists of 323 new students, 261 students continuing from spring, 1968, and 93 students enrolled during some previous semester but not spring, 1968.

Note: The figures above do not reflect extension classes offered in Kern County under Fresno State College auspices to over 2500 students for a total of over 4,000 semester units of credit.

(Source: Dr. Leo Varner)

SOURCE STATISTICS ON POTENTIAL KERN COUNTY STUDENTS
 ENROLLED IN THE CALIFORNIA STATE COLLEGES
 September 1970

1. Kern County population characteristics 1960-70¹:

<u>Year</u>	July 1 Kern County Population <u>Actual or Estimated</u>
1960	294,900
1961	304,500
1962	308,900
1963	315,400
1964	324,300
1965	330,600
1966	334,400
1967	339,900
1970	359,500

2. Enrollment of Kern County Residents in the California State Colleges²:

<u>Year</u>	Fall Enrollment of Kern County Residents <u>in CSC System</u>
1966	1,834
1967	2,099

3. Discussion:

In 1966 the ratio of Kern County Students enrolled in institutions in the CSC system to County population was

$$\frac{1,834}{334,400} = 0.00548 \text{ students/population unit.} \quad (\text{I})$$

The same ratio in 1967 was

$$\frac{2,099}{339,900} = 0.00618 \text{ students/population unit.} \quad (\text{II})$$

¹Source: California State Department of Finance.

²Source: Statistical Report of the California State Colleges,
Part C, July 1967 and May 1968 editions.

Therefore, if a factor of say 0.006 is applied to the predicted Kern County population in 1970, an estimate of the 1970 enrollment in the State Colleges originating from the County should result.

$$0.006 \times 359,500 = 2,157 \text{ students}$$

However, it should also be noted that the proportion of Kern County residents attending California State Colleges appears to be increasing. A comparison of (I) and (II) above yields

$$\frac{0.00618 - 0.00548}{0.00548} = 0.128 \text{ or } 12.8\%$$

increase in the students/population unit ratio in a single year. While it is probably unlikely that this ratio will continue to increase at the same rate, it is interesting to consider the resulting effect if the rate should be maintained for the three years in the period September 1, 1967, to September 1, 1970.

$$0.00618 \times (1.128)^3 = 0.00618 \times 1.435 = 0.00887 \text{ students/ population unit}$$

Applied to the estimated Kern County population in 1970, this factor yields

$$0.00887 \times 359,500 = 3,189 \text{ students.}$$

It appears that it would be safe to conclude that the number of Kern County residents enrolled in the California State Colleges in September 1970 will be well in excess of 2,000, say perhaps 2,500. This enrollment should be achieved even if the new Bakersfield campus were not opened for instruction. The amount by which this estimate will be augmented by the presence of a five-year college in the local region is difficult to assess, but the effect should certainly be appreciable.

It is also difficult to suggest the proportion of those Kern County residents enrolled in State Colleges who might elect to attend the local campus in 1970, since this relationship will be greatly influenced by the breadth and suitability of the

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curriculum the College will be able to offer in its first year and by the image of the institution in the community. However, even 20-30 per cent of the 2,500 students suggested above, when reinforced by additional enrollees from Inyo, Kings, and Tulare Counties, and from our State in general, would constitute a considerable burden on a building complement scoped for 726 FTE (and supposed to handle College needs for two years) and a personnel allowance budgeted for a mere 380 FTE in 1970.

K. E. Secor

Requirements
Projected minimum demand for places in the

student body of C S C B, 1970 to 1973, by categories
of students, in Full Time & equivalent

		<u>1970-71</u>	<u>1971-72</u>	<u>1972-73</u>
4	Seniors	150 (F)	225	275
3	Juniors			
	From Bakersfield College	215 (A)	250	275
	From elsewhere	35 (B)	75	100 (C)
	Continuing			
2	Total	250	325	375 (D)
1	Sophomores	-0-	150 (E)	300
	Freshmen			
	Commuters	200 (A)(B)	200	225
	Dorm residents	-0-	200 (F)	225
	Total	200	400	450
5	Adults, veterans, etc.	50 (G)	75	100
	Total indicated enrollment	650	1175	1650
6	Graduate students			

NOTES

(A) This is substantially lower than the figure number of applicants in the category we expect. See ~~high school~~ information. (B) See figures on p. 4. It is the ~~we~~ We must admit at least this many freshmen in order to permit the college to begin operations in a balanced fashion ~~domestic residents~~

(C) We need to admit this many in order to initiate the college program for Living - Learning Center

(D) This is substantially below the number of applicants in this category we expect on the basis of varied information including, the figures see pp. 6 and 7

(E) See p. 8

(F) This is a conservative estimate of the number of continuing students who will be entitled to transfer from the Bakersfield Center

(G) This will meet only a minor portion of the anticipated demand from adults in the metropolitan area with 200,000 population.