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ABSTRACT

This report analyzes 4,664 grade reports received from the California State College-University System for students who had transferred from Pasadena City College. The analysis covers all reports that were available as of June 20, 1973, for the period fall 1966 through winter quarter 1973. The grade reports data are tabulated. The tables provide (1) comparisons between cumulative GPA's earned by Pasadena City College transfers and GPA's earned by other students, (2) differentials between entrance and subsequent GPA's of Pasadena City College transfers, (3) cumulative GPA's earned by Pasadena City College transfers, (4) percent of GPA's earned by Pasadena City College transfers that were 3.00 or higher or 2.00 or less, by institution, and (5) GPA earned at San Jose State College each term by Pasadena City College transfers, by grade level. (DB)

ANALYSIS OF ACADEMIC ACHIEVEMENT
of
PASADENA CITY COLLEGE TRANSFERS
in the
CALIFORNIA STATE COLLEGE-UNIVERSITY SYSTEM

This report analyzes 4,664 grade reports received from the California State-College-University System for students who had transferred from Pasadena City College. The analysis covers all reports that were available as of June 20, 1973, for the period fall 1966 through winter quarter 1973. *

Findings

1. a. Mean Cumulative GPA: 2.63
 b. Per cent of GPA's 3.00 or above: 33.8
 c. Per cent of GPA's 2.00 or less: 14.0

2. Cumulative GPA Differential:
 Number of Reports: 1,798
 Mean Entrance GPA: 2.55
 Mean Cumulative GPA: 2.70
 Cumulative GPA Differential: + .15

3. Cumulative GPA's earned by Pasadena City College transfers compared to all transfers:
 Number of Reports: 1,390
 GPA of Pasadena City College Transfers: 2.57
 GPA of All Transfers: 2.55
 GPA Differential: + .02

4. Cumulative GPA's earned by Pasadena City College transfers compared to all undergraduates:
 Number of Reports: 949
 GPA of Pasadena City College Transfers: 2.72
 GPA of All Undergraduates: 2.75
 GPA Differential: - .03

5. Cumulative GPA's Increased with Grade Level Increase:

<u>No. Re- ports</u>	<u>Grade Level</u>	<u>Mean Cumula- tive GPA</u>
834	Senior	2.71
698	Junior	2.55
89	Sophomore	2.40

* Several of the California State Colleges became Universities during period represented by this study.

Grade reports were available for analysis from seventeen state colleges. Although the colleges exhibited wide diversity in reporting academic progress of transfer students, three major methods were employed:

1. Comparison between cumulative GPA's earned by Pasadena City College Transfers and GPA's earned by other students.
2. Differential between entrance GPA and subsequent GPA earned by Pasadena City College Transfers.
3. GPA earned by Pasadena City College Transfers at transfer institution.

1. Comparison Between Cumulative GPA's Earned by Pasadena City College Transfers and GPA's Earned by Other Students

Six of the colleges provided sufficient data for making varied comparisons between achievement of Pasadena City College transfers and other college students.

TABLE I records data by institution for 1,443 grade reports.

SUMMARY FOR UNDERGRADUATE DIFFERENTIAL indicates the mean cumulative GPA for 849 Pasadena City College grade reports from four institutions was 2.72; comparable GPA for all undergraduates at those institutions was 2.75 (-.03 differential).

SUMMARY FOR ALL TRANSFERS DIFFERENTIAL shows cumulative GPA for 1,390 Pasadena City College grade reports from four institutions was 2.57; comparable GPA for all transfers was 2.55 (+.02 differential).

Pasadena City College transfers at Northridge earned cumulative GPA's .08 above those of all undergraduates, .10 above all transfers, and .13 above first semester transfers.

2. Differential Between Entrance and Subsequent GPA's

Grade reports from four of the state colleges provided data for determining differentials between entrance and subsequent GPA's of Pasadena City College transfers.

Table II contains pertinent data from 1,798 grade reports, by institution. Pasadena City College transfers showed plus differentials at all institutions ranging from +.08 to +.34, with a weighted mean of +.15.

3. GPA's Earned by Pasadena City College Transfers

Grade reports from seven colleges provided term GPA's earned by Pasadena City College transfers. Table III lists cumulative GPA's.

Table IV shows per cent of GPA's earned that were 3.00 or higher, and per cent that were 2.00 or less, by institution.

From a total of 4,664 grade reports: 33.8% were 3.00 or above (1,575), 14.0% were 2.00 or less (653). The per cent of 3.00 or better GPA's was higher than 2.00 or less GPA's at all colleges except San Diego.

San Jose State College grade reports for Pasadena City College transfers provided data relating GPA's earned to their grade level. Table V shows the relationship: Except for three freshmen students who earned a mean 2.64 GPA, the higher the grade level the higher the GPA.

TABLE I

CUMULATIVE GPA'S EARNED BY PCC TRANSFERS
 COMPARED WITH THOSE OF INSTITUTIONAL POPULATIONS

<u>Institution</u>	<u>PCC Record At</u>		<u>Four_Year_Institution_Population</u>			<u>1st Semester</u>	
	<u>Transfer_Institution</u>	<u>GPA</u>	<u>All Under-graduates</u>	<u>All Transfers</u>	<u>All JC Transfers</u>	<u>GPA</u>	<u>Differential</u>
	<u>No. Grade Reports</u>		<u>Mean GPA</u>	<u>Mean GPA</u>	<u>Mean GPA</u>		
			<u>Differential</u>	<u>Differential</u>	<u>Differential</u>		
Dominguez Hills	2	3.00				2.65	+ .35
Humboldt	391 * **	2.84	2.86 - .02	2.81 + .03			
San Diego	592 **	2.38		2.37 + .01			
San Francisco	51 *	2.96	3.02 - .06				
San Jose	329 * **	2.55	2.50 + .05	2.42 + .13			
Northridge	78 * **	2.71	2.63 + .08	2.61 + .10		2.58	+ .13
Total	1,443						
* Summary for Undergraduate Differential	849	2.72	2.75 - .03				
** Summary for All Transfers Differential	1,390	2.57		2.55 + .02			

Cumulative GPA's in this Table were derived from compiling term GPA's listed in Tables IA and IB.

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TABLE 1A

TERM GPA'S EARNED BY PCC TRANSFERS
 COMPARED WITH THOSE OF INSTITUTIONAL POPULATIONS
 at
 SAN DIEGO, SAN FRANCISCO AND DOMINGUEZ HILLS

<u>Institution</u>	<u>Pasaden City College Student Record</u>			<u>All Transfers-San Diego</u>	
	<u>Term</u>	<u>No. Grade Reports</u>	<u>GPA</u>	<u>No.</u>	<u>GPA</u>
San Diego	Fall 1972	75	2.71	3,260	2.42
	Fall 1971	82	2.41	2,919	2.42
	Spring 1971	15	2.26	1,183	2.50
	Spring 1970	15	2.52	1,326	2.43
	Fall 1970	79	2.46	2,726	2.42
	Fall 1969	61	2.53	2,696	2.43
	Fall 1968	116	2.27	2,794	2.31
	Spring 1967	10	2.24	1,013	2.28
	Fall 1967	67	2.09	2,477	2.25
	Spring 1966	12	2.20	870	2.17
Fall 1966	60	2.29	2,039	2.26	
		<u>592</u>		<u>23,303</u>	<u>2.37</u>
					<u>+ .01</u>
San Francisco	Spring 1972	19	2.98		
	Fall 1972	32	2.95		
		<u>51</u>	<u>2.96</u>		
					<u>- .08</u>
					<u>- .03</u>
					<u>- .06</u>
					<u>+ .35</u>
					<u>+ .35</u>
Dominguez Hills	Fall 1971	2	3.00		
		<u>2</u>	<u>3.00</u>		
					<u>+ .35</u>
					<u>+ .35</u>

All Students

<u>GPA</u>	<u>Differential</u>
3.06	- .08
2.98	- .03
<u>3.02</u>	<u>- .06</u>

All 2 Year Transfers

<u>GPA</u>	<u>Differential</u>
2.65	+ .35
<u>2.65</u>	<u>+ .35</u>

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TABLE 1B

TERM GPA'S EARNED BY PCC TRANSFERS
 COMPARED WITH THOSE OF INSTITUTIONAL POPULATIONS
 at
 HUMBOLDT, NORTHRIDGE AND SAN JOSE

Institution	PCC Student Record			All Undergraduates			All Transfers			1st Semester Transfers		
	Term	No.	GPA	Number	GPA	Differ- ential	Number	GPA	Differ- ential	Number	GPA	Differ- ential
Humboldt	Winter 1972	30	3.03	5,098	3.00	+ .03	3,203	2.97	+ .06	-	-	-
	Spring 1972	34	3.09	5,196	3.00	+ .09	3,339	2.98	+ .11	-	-	-
	Fall 1972	37	2.89	5,318	3.00	- .11	3,251	2.90	- .01	-	-	-
	Winter 1971	29	3.01	5,194	2.90	+ .11	2,863	2.88	+ .13	-	-	-
	Spring 1971	26	3.12	4,711	2.95	+ .17	2,957	2.93	+ .19	-	-	-
	Spring 1970	29	2.84	4,171	2.86	- .02	316	2.69	+ .15	-	-	-
	Winter 1970	31	2.84	4,135	2.86	- .02	217	2.82	+ .02	-	-	-
	Spring 1969	24	2.70	3,710	2.78	- .08	2,221	2.77	- .07	-	-	-
	Fall 1969	31	2.73	4,495	2.77	- .04	Statistics Unavailable	-	-	-	-	-
	Spring 1968	26	2.76	3,113	2.75	+ .01	1,759	2.73	+ .03	-	-	-
	Winter 1968	26	2.61	3,191	2.74	- .13	1,389	2.73	- .12	-	-	-
	Fall 1968	35	2.69	4,004	2.69	.00	2,359	2.67	+ .02	-	-	-
	Fall 1967	33	2.59	3,365	2.66	- .07	-	2.65	- .06	-	-	-
			<u>391</u>	<u>2.84</u>	<u>55,701</u>	<u>2.86</u>	<u>-.02</u>		<u>2.81</u>	<u>+.03</u>		
Northridge	Fall 1972	41	2.73	17,892	2.68	+ .05	5,583	2.64	+ .09	3,043	2.66	+ .07
	Fall 1971	19	2.63	17,553	2.61	+ .02	-	-	-	3,224	2.54	+ .09
	Fall 1970	18	2.75	16,601	2.60	+ .15	5,400	2.57	+ .18	3,046	2.54	+ .21
		<u>78</u>	<u>2.71</u>	<u>52,046</u>	<u>2.63</u>	<u>+.08</u>	<u>10,983</u>	<u>2.61</u>	<u>+.10</u>	<u>9,313</u>	<u>2.58</u>	<u>+.13</u>
San Jose	Spring 1972	55	2.52	-	2.61	- .09	-	2.57	- .05	-	-	-
	Fall 1971	56	2.71	-	2.59	+ .12	-	2.58	+ .13	-	-	-
	Spring 1969	48	2.67	-	2.54	+ .13	-	2.44	+ .23	-	-	-
	Spring 1968	47	2.49	-	2.49	.00	-	2.29	+ .20	-	-	-
	Fall 1968	51	2.54	-	2.54	.00	-	2.43	+ .11	-	-	-
	Spring 1967	28	2.41	-	2.28	+ .13	-	2.33	+ .08	-	-	-
Fall 1967	44	2.42	-	2.45	- .03	-	2.31	+ .11	-	-	-	
		<u>329</u>	<u>2.55</u>	-	<u>2.50</u>	<u>+.05</u>	-	<u>2.42</u>	<u>+.13</u>	-	-	-

TABLE II

CUMULATIVE DIFFERENTIALS
BETWEEN ENTRANCE GPA'S FOR PCC TRANSFERS
AND THEIR SUBSEQUENT GPA'S
AT TRANSFER INSTITUTIONS

<u>Institution</u>	<u>Total No. Grade Reports</u>	<u>AT TRANSFER INSTITUTIONS</u>		
		<u>Entrance GPA</u>	<u>Cumulative GPA</u>	<u>Differ- ential</u>
Fullerton *	422	2.56	2.71	+ .15
San Bernardino *	32	2.66	2.74	+ .08
Stanislaus *	35	2.53	2.87	+ .34
California State College Los Angeles **	1,309	2.54	2.67	+ .13
Total	<u>1,798</u>	<u>2.55</u>	<u>2.70</u>	<u>+ .15</u>

* Cumulative differentials derived from term differentials shown in Table IIA.

** Statistics obtained from detailed analysis of grade reports for Winter Quarter 1973, IR 8/73/118.

TABLE 11A

DIFFERENTIALS BETWEEN
ENTRANCE GPAs AND SUBSEQUENT GPAs
OF PCC TRANSFERS BY TERM AT
FULLERTON, SAN BERNARDINO, AND STANISLAUS

Institution	Term	Total No. Grade Reports	A T T R A N S F E R I N S T I T U T I O N		Differ- ential
			Entrance GPA	Cumulative GPA	
Fullerton	Fall 1972	74	2.60	2.88	+ .28
	Spring 1972	51	2.59	2.75	+ .16
	Spring 1971	46	2.51	2.67	+ .16
	Fall 1971	47	2.55	2.70	+ .15
	Fall 1970	43	2.54	2.56	+ .02
	Spring 1970	38	2.53	2.83	+ .30
	Winter 1969	34	2.51	2.63	+ .12
	Spring 1969	26	2.51	2.55	+ .04
	Spring 1968	28	2.64	2.78	+ .14
	Fall 1968	35	2.58	2.70	+ .12
		<u>422</u>	<u>2.56</u>	<u>2.71</u>	<u>+ .15</u>
San Bernardino	Winter 1970	5	2.75	2.83	+ .08
	Fall 1970	6	2.64	2.47	- .17
	Spring 1969	6	2.64	2.66	+ .02
	Winter 1969	5	2.59	2.50	- .09
	Spring 1968	4	2.57	2.54	- .03
	Fall 1968	6	2.75	3.41	+ .66
		<u>32</u>	<u>2.66</u>	<u>2.74</u>	<u>+ .08</u>
Stanislaus	Winter 1973	8	2.60	2.81	+ .21
	Fall 1972	9	2.58	2.76	+ .18
	Winter 1972	5	2.56	3.15	+ .59
	Spring 1972	5	2.56	3.11	+ .55
	Spring 1971	4	2.24	2.82	+ .58
	Fall 1971	4	2.52	2.56	+ .04
		<u>35</u>	<u>2.53</u>	<u>2.87</u>	<u>+ .34</u>

TABLE III

CUMULATIVE GPA EARNED BY
PASADENA CITY COLLEGE TRANSFERS
AT HIGHER INSTITUTIONS

<u>Institution</u>	<u>No. Grade Reports</u>	<u>Cumulative GPA</u>
Bakersfield	10	2.94
Cal Poly Pomona *	222	2.55
Chico	41	2.97
Fresno	33	2.75
Long Beach	1,005	2.53
Sacramento	45	2.86
Sonoma	67	3.19
	<u>1,423</u>	<u>2.60</u>

* Winter Quarter 1973 only

Data for this Table compiled from Tables IIIA and IIIB.

TABLE IIIA

TERM GPA'S EARNED BY
PASADENA CITY COLLEGE TRANSFERS
AT HIGHER INSTITUTIONS

<u>Institution</u>	<u>Term</u>	<u>No. Grade Reports</u>	<u>GPA</u>
Bakersfield	Winter 1973	4	3.01
	Spring 1972	2	2.83
	Fall 1972	4	2.52
		<u>10</u>	<u>2.94</u>
Chico	Spring 1969	13	3.15
	Fall 1968	14	3.13
	Spring 1968	14	2.63
		<u>41</u>	<u>2.97</u>
Fresno	Fall 1972	9	3.08
	Fall 1971	4	2.59
	Fall 1970	9	3.05
	Fall 1969	7	2.34
	Fall 1967	4	2.20
		<u>33</u>	<u>2.75</u>
Long Beach	Fall 1972	197	2.75
	Spring 1970	149	2.72
	Spring 1969	187	2.49
	Spring 1968	140	2.46
	Winter 1968	190	2.41
	Winter 1967	142	2.28
		<u>1,005</u>	<u>2.52</u>

TABLE 111A
(Continued)

GPA EARNED BY
PASADENA CITY COLLEGE TRANSFERS
AT HIGHER INSTITUTIONS

<u>Institution</u>	<u>Term</u>	<u>No. Grade Reports</u>	<u>GPA</u>
Sacramento	Spring 1972	11	3.25
	Fall 1972	11	3.02
	Spring 1971	8	2.36
	Fall 1971	7	2.57
	Fall 1970	8	2.86
		<u>45</u>	<u>2.86</u>
Sonoma	Spring 1972	20	2.96
	Fall 1971	19	3.18
	Spring 1970	10	3.40
	Spring 1969	6	3.49
	Fall 1969	12	3.25
		<u>67</u>	<u>3.19</u>

TABLE IIIB

CUMULATIVE GPA FOR
PASADENA CITY COLLEGE TRANSFERS
INCLUDING WINTER QUARTER 1973
CALIFORNIA POLYTECH STATE UNIVERSITY, POMONA
by
DATE OF ENTRANCE

	<u>Date of Entrance</u>	<u>No. Grade Reports</u>	<u>GPA</u>
Cal-Poly Pomona	Fall 1972	65	2.55
	Summer 1972	9	2.50
	Spring 1972	12	2.60
	Winter 1972	9	2.10
	TOTAL 1972	<u>95</u>	<u>2.51</u>
	Fall 1971	51	2.62
	Summer 1971	10	2.51
	Spring 1971	5	2.56
	Winter 1971	7	2.13
	TOTAL 1971	<u>73</u>	<u>2.55</u>
	Fall 1970	35	2.68
	Summer 1970	5	2.82
	Spring 1970	1	2.70
	Winter 1970	-	-
	TOTAL 1970	<u>41</u>	<u>2.70</u>
	Fall 1969	10	2.36
	Summer 1969	2	2.15
	Spring 1969	-	-
	Winter 1969	1	3.00
	TOTAL 1969	<u>13</u>	<u>2.38</u>
	TOTAL	<u>222</u>	<u>2.55</u>

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TABLE IV

PASADENA CITY COLLEGE TRANSFERS
EARNING GPA 3.00 OR MORE,
OR GPA 2.00 OR LESS
BY INSTITUTION

Institution and Term	No. Grade Reports	GPA 3.00 or More		GPA 2.00 or Less		Institution and Term	No. Grade Reports	GPA 3.00 or More		GPA 2.00 or Less	
		No.	Per Cent	No.	Per Cent			No.	Per Cent	No.	Per Cent
<u>San Diego</u>						<u>Humboldt</u>					
Fall 1972	75	31	41	12	16	Winter 1972	30	17	57	2	7
Fall 1971	82	23	28	20	24	Spring 1972	34	20	59	-	-
Spring 1971	15	5	33	8	53	Fall 1972	37	18	49	4	11
Spring 1970	15	4	27	2	13	Winter 1971	29	18	62	3	10
Fall 1970	79	20	25	14	18	Spring 1971	26	16	62	-	-
Fall 1969	61	14	23	9	15	Spring 1970	29	9	31	-	-
Fall 1968	116	12	10	30	26	Winter 1970	31	10	32	1	3
Spring 1967	10	1	10	2	20	Spring 1969	24	9	38	2	8
Fall 1967	67	3	4	22	33	Fall 1969	31	12	39	2	6
Spring 1966	12	1	8	4	33	Spring 1968	26	9	35	1	4
Fall 1966	60	5	8	12	20	Winter 1968	26	9	35	4	15
	<u>522</u>	<u>119</u>	<u>20</u>	<u>135</u>	<u>23</u>	Fall 1968	35	9	26	3	9
						Fall 1967	33	9	27	9	27
							<u>391</u>	<u>165</u>	<u>42</u>	<u>31</u>	<u>8</u>
<u>San Francisco</u>						<u>Sacramento</u>					
Spring 1972	19	10	53	2	11	Spring 1972	11	7	64	1	9
Fall 1972	32	19	59	4	13	Fall 1972	11	7	64	-	-
	<u>51</u>	<u>29</u>	<u>57</u>	<u>6</u>	<u>12</u>	Spring 1971	8	2	25	1	13
						Fall 1971	7	4	57	1	14
<u>Dominguez Hills</u>						Fall 1970	8	4	50	1	13
Fall 1971	2	1	50	-	-		<u>45</u>	<u>24</u>	<u>53</u>	<u>4</u>	<u>9</u>
	<u>2</u>	<u>1</u>	<u>50</u>								
<u>Northridge</u>						<u>Sonoma</u>					
Fall 1972	41	15	37	5	12	Spring 1972	20	12	60	1	5
Fall 1971	19	8	42	3	16	Fall 1971	19	13	68	-	-
Fall 1970	18	8	44	2	11	Spring 1970	10	8	80	-	-
	<u>78</u>	<u>31</u>	<u>40</u>	<u>10</u>	<u>13</u>	Spring 1969	6	5	83	-	-
						Fall 1969	12	9	75	-	-
							<u>67</u>	<u>47</u>	<u>70</u>	<u>1</u>	<u>1</u>

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TABLE V

GPA EARNED AT SAN JOSE
EACH TERM
by
COLLEGE LEVEL

College Level	Spring 1972		Fall 1971		Spring 1969		Spring 1968		Fall 1968		Spring 1967		Fall 1967		Total by College Level	
	No.	GPA	No.	GPA	No.	GPA	No.	GPA	No.	GPA	No.	GPA	No.	GPA	No.	GPA
Senior	39	2.71	28	2.93	27	2.74	21	2.67	27	2.64	18	2.70	13	2.81	173	2.74
Junior	13	2.14	26	2.49	19	2.59	19	2.42	16	2.29	7	2.03	24	2.22	124	2.35
Sophomore	3	1.68	1	2.33	2	2.61	7	2.17	8	2.56	2	1.15	6	2.26	29	2.21
Freshmen	-	-	1	2.31	-	-	-	-	-	-	-	2.56	1	3.04	3	2.64
	<u>55</u>	<u>2.52</u>	<u>56</u>	<u>2.71</u>	<u>48</u>	<u>2.67</u>	<u>47</u>	<u>2.42</u>	<u>51</u>	<u>2.54</u>	<u>28</u>	<u>2.41</u>	<u>44</u>	<u>2.42</u>	<u>329</u>	<u>2.55</u>

Summary and Comments

1. The California State College-University System enrolls approximately 85% of students who transfer from Pasadena City College to four year institutions according to grade reports received. An unduplicated count of grade reports received in 1972 was as follows:

<u>Type of Institution</u>	<u>No. of Grade Reports</u>	<u>Per Cent of Grade Reports</u>
California State-University System	2,007	85
University of California	219	9
All Other	<u>150</u>	6
	2,376	

2. Collectively, Pasadena City College transfers were academically successful:

33.8% earned cumulative GPA's 3.00 or higher

14.0% had GPA's 2.00 or less

GPA differential between entrance and cumulative was approximately + .15

Cumulative GPA was .02 higher than comparable transfers, .03 less than comparable undergraduates.

3. Grades of Pasadena City College transfers increased with increase in units completed.

a. Data combined for CSULA and California State University, San Jose are as follows:

<u>Grade Level</u>	<u>No. of Students</u>	<u>Cumulative GPA</u>
Senior	834	2.71
Junior	698	2.55
Sophomore	89	2.40

b. Cumulative GPA's earned as of Winter Quarter 1973 by Pasadena City College transfers at California State Polytechnic University, Pomona, by year of entrance:

<u>Date of Entrance to Cal-Poly</u>	<u>Years at Cal-Poly</u>	<u>Cumulative GPA</u>	<u>No. Grade Reports</u>
1970	3 Years (Senior)	2.70	41
1971	2 Years (Junior)	2.55	73
1972	1 Year (Sophomore)	2.51	95

UNIVERSITY OF CALIF.
LOS ANGELES

OCT 25 1974

CLEARINGHOUSE FOR
JUNIOR COLLEGE
INFORMATION