### DOCUMENT RESUME

ED 074 912

HE 003 880

TITLE

[A Survey of the Current Status and Plans of Colleges

Traditionally for Women Only.]

INSTITUTION

College Research Center, Princeton, N.J.

PUB CATE

Feb 73

NOTE

19n.

JOURNAL CIT

Center Notes on Institutional Research; v1 n2 p2-20

Feb 1973

EDRS PRICE

MF-\$0.65 HC-\$3.29

DESCRIPTORS

\*Coeducation; \*Higher Education; \*Historical Reviews;

\*Research Projects; Surveys; \*Womens Education

### ABSTRACT

In April 1972, 198 institutions which had been classified in 1960 as women's colleges were invited to participate in a study designed to obtain information regarding current status, their plans relative to coeducation, and related matters. The instrument, a survey-Questionnaire, was completed by 82.5 percent of the participants. Results of the survey covered women's colleges in 1960, context and perspective; the 1960s, a decade of challenge and change; and patterns of enrollment, 1960 to 1970. (MJM)

### center notes on institutional research

Vol. 2 No. 1

February 1973

Princeton, N. J.

"Under ideal circumstances, the decision of an individual to identify with a college--as a student, as a teacher, or as a supporter--is rooted in objectives which are shared by those who make up the college. There is identity in what the college intends to be, what it actually is, and what people think it is. Moreover, under ideal circumstances, the college's reason for being is relevant to the needs of those it serves, and all people identified with the college are both conscious of those needs and feel a sense of urgency about their fulfillment. To the degree that such conditions exist, those who choose to affiliate themselves with an institution do so on a sound basis, enhancing the chances for a permanent partnership and for the satisfaction inherent in mutual endeavor toward a common goal.

"Such ideal circumstances are probably most prevalent at the beginning of an institution's history; they are largely inherent in the circumstances which motivated the founders. Gradually, however, the "essence" of an institution becomes more obscure, and only conscious effort can recreate the original clarity. This obscurity is no less a natural phenomenon than was the original clarity. Obscurity is the product of transition; it may be rooted in the accomplishment—partial or complete—of the original mission of the institution, (or) in the changing needs and definition of needs of society...."

Frederick B. Rowe, Randolph-Macon Woman's College

IN 1960 THERE WERE SOME 300 WOMEN'S COLLEGES IN THE UNITED STATES. Since there, many of these colleges have asked whether the "circumstances which motivated the founders" any longer provide an adequate focus for institutional identity, and many have had doubts about the future of sex-segregated institutions. By the end of the decade, a number of women's colleges (and their all-male counterparts as well) had turned to coeducation. Others were enroling men in limited number while maintaining their traditional emphases and arrangements, and still others were examining the educational and fiscal implications of limiting their admissions to women.

EARLY IN 1972, THE TRUSTEES OF COLLEGE RESEARCH CENTER, AN AGENCY WHICH HAS WORKED COOPERATIVELY WITH SEVERAL "TRADITIONALLY FOR WOMEN ONLY COLLEGES" SINCE 1960 (SINCE 1970 AS AN AFFILIATE OF EDUCATIONAL TESTING SERVICE IN PRINCETON), encouraged the development of a study of institutions which were women's colleges in 1960 in order to obtain information of value to all as they considered policy in regard to the issue of coeducation, or as they sought to assess their progress following a decision to become coeducational.

IN APRIL 1972, 298 INSTITUTIONS WHICH HAD BEEN CLASSIFIED IN 1960 AS WOMEN'S COLLEGES WERE INVITED TO PARTICIPATE IN A STUDY, PARTIALLY SUPPORTED BY ETS, designed to obtain information regarding their current status, their plans relative to coeducation, and related matters. A survey questionnaire was sent to each college.

BY AUGUST 15, 1972, A DIRECT REPLY IN SOME FORM HAD BEEN RECEIVED FROM 90 PERCENT OF THE COLLEGES, AND 247 (OR 82.5%) HAD RETURNED A COMPLETED SURVEY-QUESTIONNAIRE. In September, 1972, all participating colleges received a report which provided information (from direct replies and from secondary sources) on changes since 1960 in name, affiliation or control, level of degree-program, and status with regard to coeducation among the 298 institutions identified as women's colleges in 1960.

THIS <u>SPECIAL</u> <u>ISSUE OF CENTER NOTES</u> reports in detail on *A SURVEY OF THE CURRENT STATUS AND PLANS OF COLLEGES TRADITIONALLY FOR WOMEN ONLY.*Kenneth M. Wilson, Director, CRC at ETS

U.S. DEPARTMENT OF HEALTH.

EDUCATION & WELFARE

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### WOMEN'S COLLEGES IN 1960: CONTEXT AND PERSPECTIVE

COLLEGES TRADITIONALLY FOR WOMEN ONLY, NUMBERING ALMOST 300 A DECADE AGO, ENTERED THE 1960'S ON A WAVE OF FAVORABLE ACADEMIC-MARKET CONDITIONS, UNAWARE THAT THE DECADE AHEAD WOULD BRING SERIOUS CHALLENGES TO ALL ESTABLISHED INSTITUTIONAL FORMS. Predominately private--a majority of them affiliated with a church or religious body, oriented to the liberal arts, including both highly selective and unselective institutions, typically small and relatively unaffluent, women's colleges in the main were not inclined to be in

the vanguard of educational innovation.

1960 control . . Of 298 women's colleges in 1960, 96 per-

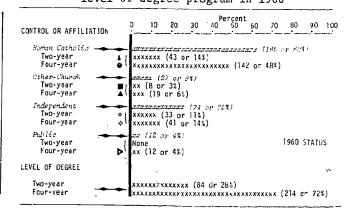
cent, all but 12, were private.

© Over 60 percent were <u>Catholic</u> (RC) colleges—a total of 185, including 142 four-year and 43 two-year institutions, a few for religious orders.

<u>sIndependent</u>, <u>nonprofit</u> colleges (INP) made up the second-largest group, comprised of 4l four- and 33 two-year colleges (25% of the total).

\*About 9 percent were affiliated with one of several church or religious bodies (other-Church or OC)--27 colleges, 8 two- and 19 four-year, were OC in 1960.

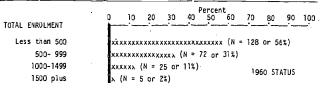
Distribution of 298 "traditionally for women only" colleges according to control or affiliation and level of degree-program in 1960



\*A dozen <u>public</u>, four-year colleges, ten of them located in the South, completed the picture.

1960 enrolment . Most of the colleges were quite small. Excluding the public institutions, averaging 1,555 students in total enrolment (all categories of enrolment in pro-grams for degree-credit), the average total enrolment for women's colleges in fall, 1960, was <u>554</u>.

Distribution of 230 nonpublic colleges which were women's colleges in 1960, according to their enrolment in 1960 (in percent)



Note: Unless otherwise indicated, all enrolment data analyzed in this study are from the U. S. Office of Education's Opening Fall Enrolment series, specifically the issues for Fall 1960, 1965, and/or 1970.

\$0ver one-half (56%) of 230 nonpublic women's colleges had a total enrolment of less than 500 students, and 87 percent enroled fewer than 1,000 students in 1960.

<u>▼Two-year</u> colleges typically enroled about 200 students (mean = 214); Catholic colleges were the smallest (mean = 122), other-Church colleges were the largest (mean = 313), with the INP colleges in-between (mean = 259).

Among four-year nonpublic colleges with a general mean of 656, the averages were 840, 614, and 554, for independent, Catholic, and Other-Church colleges, respectively.

Postbaccalaureate programs in 1960 . .

PERHAPS 30 PERCENT OF THE COLLEGES OFFERED SOME FORM OF POSTBACCALAURE-ATE PROGRAM IN 1960. BASED ON SURVEY RESPONSES, IT IS ESTIMATED THAT A-BOUT TWO-THIRDS OF THE <u>PUBLIC</u>, ONE-THIRD OF THE INDEPENDENT, AND 30 PER-

CENT OF THE <u>CATHOLIC</u> FOUR-YEAR COLLEGES DID SO. Postbaccalaureate programs, however, were not of such magnitude as to threaten traditional institutional emphases on undergraduate education.



Policies re admission of males in 1983 . . ALTHOUGH SOME COLLEGES REPORTED THAT MEN WERE ENROLED IN 1960, MALE EN-ROLMENT WAS GENERALLY LIMITED, AND VERY FEW FRESHMAN MALES WERE ATTEND-ING WOMEN'S COLLEGES. Only 329 male freshmen were reported in 1960 by

230 nonpublic women's colleges. As may be seen in the table, the enrolment distribution, in 1960, of men, both total and first-time, was

accounted for primarily by the other-Church related and independent fouryear colleges. Judging from the enrolment data, policies regarding the admission and enrolment of males in undergraduate programs were quite restricttive in 1960, and the survey responses bear out that judgment.

Eless than 3 percent of the colleges indicated that men were admitted on the same basis as women, while over one-half (54%) did not admit undergraduate men.

In the remaining colleges (44%), admission of men was *limited or conditional*—e.g., admission in special cases only, to evening or extension classes, to special programs, or to otherwise nonregular enrolment status.

Average total enrolment and freshman enrolment in 1960, by sex, for 240 colleges, classified according to control and degree-level in 1960

mann i de mann de style Minestern Fryske de i gjøb nyer i de stylette helyde filder den is end syd			Me	an enrol	ment in 1	960 <sup>a</sup>	
Group of women's colleges	(No.)	Total	enro	lment	First-t	ine e	nrolment
The state of the s		Total	Men	Women	Total	Men	Women
Four-year colleges							
ARcman Catholic	( 20)	122	1	121	66	1	65
■Other-Church	( 7)	313	o	313	189	0	1 49
• Independent	(26)	259	.0	259	155	0	155
Four-year colleges							
• Roman Catholic	(120)	614	9	604	176	•	176
▲Other-Church	(19)	554	41	512	23.3	6	206
♦ Independent	(38)	840	38	862	264	4	260
<b>▶</b> Public	(10)	1555	41	1514	588	. 7	581
All private colleges	(230)	554	14	539	182	1	181
All colleges	(240)	596	16	580	199	2	197

<sup>&</sup>lt;sup>a</sup>Colleges with reported 1960 and 1970 enrolments, in U. S. Office of Education, <u>Opening Fall Enrolment in Higher Education</u>, Fall 1960, and Fall 1970, respectively.

Percentage of women's colleges, by 1960 control and level of degree, reporting designated policies governing the admission of male undergraduates in 1960

	Percent
POLICIES GOVERNING ADMISSION OF UNDERGRADUATE MEN IN 1960	0 10 20 30 40 50 60 70 80 90 100
Mer, were not admitted -	earcantarmangaranaranan (174)
Two-year colleges Roman Catholic Other-Church Independent	A xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Four-year colleges Roman Catholic Other-Church Independent Public	• xxxxxxxxxxxxxxxxxxxxxxx (53%) • xxxxxxxxxx (22%) • xxxxxxxxxxxxxxxx (39%) • xxxxxxxxxxxxxxxxxxx (58%)
Men were admitted on the same hasis an women —	ندو (3%)
Men were admissible under opecial conditions only 🚤	commencemental contract (44%)
Two-year colleges Roman Catholic Other-Church Independent	A XXXXXXXXXXXXXX (29%)  XXXXXXXXXXXXX (25%)  xXXXXXXXXXXXXXX (30%)
Four-year colleges Roman Catholic Other-Church Independent Public	• xxxxxxxxxxxxxxxxxxxxxx (44%) • xxxxxxxxxxxxxxxxxxxxxxxxx (56%) • xxxxxxxxxxxxxxxxxxxx (58%) • xxxxxxxxxxxxxxxxx (58%)

c0ther-Church related and independent fouryear colleges had more permissive policies and, as indicated above, they v- enroled most of the males in 1960.

conly about one-fifth (22%) of the other-Church and two-fifths (39%) of the independent four-year colleges *did not admit males*.

of the other hand, over 70 percent of the two-year, and one-half of the public and Catholic four-year, colleges reported a no admit policy.

Among the colleges which offered typically limited postbachelor's programs, policies regarding admission were relatively more permissive—only about 20 percent of such colleges direct admit males to graduate programs, and the majority (almost two-thirds) admitted men and women on the same basis.

Less than 0.5

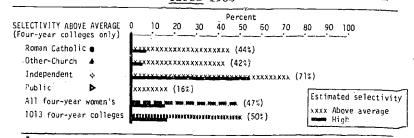
Level of estimated selectivity in 1960 . . .

When 214 four-year colleges, traditionally for women only, are classified according to one published index of the relative attractiveness of a college to prospective applicants of high

measured academic ability, it may be seen that women's colleges in 1960 included among their number a proportionate share of institutions which were above average and high on an  $index\ of$  estimated selectivity derived by A. W. Astin, and based on data indicative of applicant preferences  $circa\ 1960$ . The average score on the index (for 1,013 four-year colleges studied by Astin) was set at 50. The scale

was such that 16 percent of the colleges had scores of 60 or above (were "high" in estimated selectivity), 50 percent had scores of 50 or higher (were "above average" in selectivity), and 84 percent had scores of 40 or above, with 16 percent below 40.

A disproportionately high percentage of independent women's colleges were high in estimaPercentage of four-year women's colleges which were above average on an index of "estimated selectivity" circa 1960



\*"Estimated selectivity" after Astin, A. W., Who Goes Where to College, Chicago, Science Research Associates, 1965.

ted selectivity (i.e., 54% of them had scores of 60 or above as compared to 16% of Astin's normative group); Catholic and other-Church colleges included proportionately fewer highly selective institutions, and only two public women's colleges were above average on this index.

### THE 1960'S: A DECADE OF CHALLENGE AND CHANGE

Women's colleges, like most private colleges, did not realize in 1960 that they were within a few years of a dramatic turning point in the course of their development. Few of them perceived cause to be concerned about their basic reason for being. Few of their partisans would have believed predictions that by the end of the decade only half of them would still be operating as women's colleges, that traditional allegiances and ties would in many instances be severed or severely weakened, that about one in eight would be closed or merged and that all would be (or would have been) engaged in a critical re-examination of the viability of traditional institutional policies, objectives, and structures—in response to pressures generated by social and economic conditions which tended to shrink and otherwise alter the character of applicant pools for private colleges generally, and women's colleges in particular.

Yet, before the decade had ended, most women's colleges were forc by circumstances to examine critically (in many cases, for the first time since being for deliver major reason for being, and to clarify and redefine their educational objectives and their institutional mission in the face of rapidly changing student preferences and steadily mounting economic pressures.



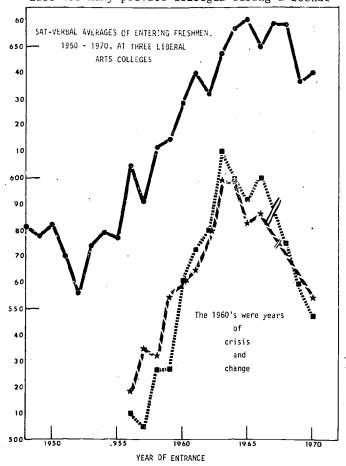


THE COURSE OF EVENTS DURING THE DECADE IS SYMBOLIZED BY TRENDS IN THE SCHOLASTIC APTITUDE LEVELS OF STUDENTS IN SUCCESSIVE ENTERING CLASSES AT THREE COLLEGES (mean scores on the <u>SAT-Verbal</u>). The early 1960's were characterized by continuing high demand for college places, increased institutional selectivity on academic and socioeconomic variables, and generally favorable economic conditions which helped to offset the steadily rising costs of attending and operating private colleges.

BY THE MID-1960'S THESE CONDITIONS HAD BEGUN TO CHANGE. The latter half of the decade was marked by shrinking applicant pools, heightened competition among the colleges for students, a decline in the economy generally, and the continued growth of the public sector of higher education.

For Catholic colleges, these conditions were exacerbated by a general loosening of church-ties and loyalties which affected the college-choice patterns of girls from Catholic families.

Changes in the academic qualifications of students entering three colleges traditionally for women only symbolize changes in the course of institutional life for many private colleges during a decade



THESE AND OTHER CONDITIONS POSED A MOUNTING THREAT TO THE CONTINUED VIABILITY OF MANY OF THE SMALLER, LESS AFFLUENT WOMEN'S COLLEGES AS THEY FACED THE 1970'S. For the more affluent and selective, independent women's colleges, the fact that many of the "leading" (most affluent, prestigious, and selective) liberal arts colleges and universities for men were beginning to recruit women constituted an added challenge by further heightening the competition for students.

IT IS AGAINST SUCH A BACKGROUND THAT THIS SURVEY WAS UNDERTAKEN IN APRIL, 1972, AT THE SUG-GESTION OF THE BOARD OF TRUSTEES OF COLLEGE RESEARCH CENTER.

The principal purposes of the survey were as follows:

- a) to ascertain the current status and plans of colleges traditionally for women only,
- b) to provide factual perspective on the extent and nature of changes in policies and practices with regard to coeducation since 1960, and
- c) to analyze enrolment and other data which might be useful for institutional assessment and evaluation.



The women's-college scene in 1972 . . .

CRC's survey in April, 1972, revealed that of the 298 colleges identified as women's colleges in 1960, only about one-half (146 of 298, or 49%) were still operating as women's colleges. About

40 percent (119 of 298) were officially coeducational, coordinate, or merged-coeducational. The remainder (33 of 298, or about 11%) were no longer in existence. Considering only the 265 institutions still in operation, the 1972 breakdown becomes:

55 percent of 265 colleges still operating as women's colleges and 45 percent "coed."

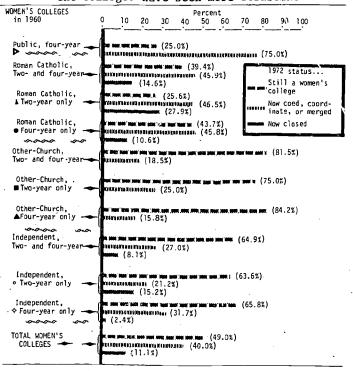
The shift to coeducation, however, has not been equally pronounced in all categories of colleges. It has been most pronounced among Catholic colleges—only 73 of which were operating as women's colleges in 1972 as compared to 165 in 1970—and the public women's colleges—for whom

By 1972, many "traditionally for women only" colleges had broken with tradition

	No.			1972 stat	us	
1960 status	in	Women's	Coeduc	ational c	r other	Col lege
	Survey	college	Coed	Coord	Nerged	c los ec
Two-year college	(84)	(38)	(27)	( 1)	(1)	(17)
▲Roman Catholic	43	11	18	1	1	12
■Other-church	8	6	. 2			
• Independent	33	21	7.		•-	5
Four-year college	(214)	(108)	(74)	(10)	(6)	(16)
● Roman Catholic	142	62	. 54	5	6	15
▲Other-church	19	16	1	2		
◆ Independent	41	27	11	2		ı
<b>▶</b> Public	12	3	8	1	•-	
All colleges	(298)	(146)	(101)	(11)	(7).	(33)

the prospect of continuing to operate ullet .

Catholic and public women's colleges have led the way toward coeducation, while other-Church and independent colleges have been more resistant



 on a sex-segregated basis is beclouded ed by a number of legal questions regarding sex-discrimination.

Thus, in 1972, only about 39 percent of the original group of Catholic colleges were continuing their traditional role. Most of the closed colleges were Catholic (27 of 33), further thinning the ranks of Catholic women's colleges.

On the other hand, a substantial majority of other-Church colleges (over 80%) were still women's colleges in 1972.

Independent women's colleges also have tended to resist pressures toward coeducation: almost two-thirds of them retain their original classification.

However, not every college involved is committed to retain the "women's college role and identity"--many are watching and waiting.



The page and the pattern of change . . . THE TREND TO COEDUCATION, INITIATED WITHOUT FANFARE BY A HAND-FUL OF PUBLIC AND CATHOLIC WOMEN'S COLLEGES IN THE EARLY 1960'S, GAINED MOMENTUM AFTER 1965 AND CONTINUED INTO THE 1970'S. Of

119 colleges reporting coed status in 1972, 97 reported an official date for the change. Considering only this latter group, only about 5 percent (5 of 97) were officially coed prior to 1965. By way of contrast, more than one-half of all the status-changes became effective in 1970, 1971, or 1972. The number of colleges adopting coeducation peaked in 1970, when 21 colleges abandoned their traditional mission as women's colleges. However, it appears that the pace of change has slackened.

OTHER INSTITUTIONAL FEATURES WERE ALSO CHANGING . . .

Many Catholic colleges were moving to disestablish their official Church-connection and, for a variety of reasons, seek independent, nonprofit status. Of 158 Catholic colleges still in creation, a total of 53 (33.5%) indicated that they were either independent, nonprofit with no Church affiliation (35 colleges), or independent, nonprofit and Catholic (18 colleges). Thus, only some two-thirds of the traditionally Roman Catholic colleges reported an unqualified Church affiliation at the time of the CRC survey.

Several of the other-Church related colleges also severed their formal churchties--five of 27 reported independent, nonprofit status as of 1972.

SOME TWO-YEAR COLLEGES EXPANDED DURING THE DECADE. In 1972, 10 of 84 colleges which had two-year programs in 1960 reported four-year status; 17 were closed.

· The trend to coed status accelerated late in the decade

_						
=	Year officially coeducational	Cont RC No.	rol o OC No.	r aff INP No.	iliation PUB No.	in 1960 (Total) No.
	1972 1971 1970	5 10 19	1	3 6 2	3 -	(11) (17) (21)
	1969 1968 1967 1966 1965	12 9 5 2 3	2	4 1 1 -	- 1 1	( 18) ( 10) ( 7) ( 3) ( 4)
	1964 1963 1962 No date	- 1 2 16	- - - 2	- - - 3	2 - - 1	( 2) ( 1) ( 2) ( 22)
	Total coed	85	5	20	9	(119)

Church-ties were loosening

	Control	or affi	liati <u>on</u>	
No.	RC No.	RC/INP No.	INP No.	OC No.
(158)*	105	18	35	
(27)	-	<del>-</del>	5	22
(185)*	105	18	40	22
	(158) <sup>*</sup> ( 27)	No. RC	No. RC RC/INP No. No. (158)* 105 18 (27)	No. No. No. (158)* 105 18 35 (27) 5

Does not include 27 "closed" institutions (RC)

Some two-year colleges were expanding

Two-year college		level of pro	gram in 1972
in 1960	No.	Two-year	Four-year
Roman Catholic	(43)*	29	
Cther-Church	(8)**	5	3
Independent	(33)	23	5
-Total	(84) **	* 57	1,0
т.			

Includes 12 colleges now closed

THOUGH THE PACE OF CHANGE IS SLOWER TODAY, THE SITUATION WITH REGARD TO POLICIES AND PRACTICES RELATED TO COEDUCATION REMAINS FLUID. IT IS PROBABLE TOO THAT MORE CHURCH-RELATED COLLEGES WILL OPT FOR INDEPENDENCE.



Includes 5 colleges now closed

<sup>\*\*\*</sup>Includes 17 colleges now closed

PLANS, POLICIES, AND GOALS RELATED TO COEDUCATION ARE STILL IN A STATE OF FLUX AMONG COLLEGES TRADITIONALLY FOR WOMEN ONLY, ALTHOUGH OVER 90 APPEAR TO BE COMMITTED TO A WOMEN'S COLLEGE ROLE.

\*Unequivocal commitment to remain a college for women is reported by more than onethird of the colleges (93 of 247, or 37.6%).

•A qualified commitment is expressed by about 17 percent of the colleges, as follows:

\*24 colleges (about 10%) say, "We are continuing our traditional role as a college for women pending the outcome of studies currently underway or planned regarding future directions for the college."

>18 colleges (about 7%) say, "We have decided to continue as a women's college on a 'wait and see' basis."

An unequivocal commitment to continue in the women's-college role is not equally characteristic of all categories of women's colleges. When responses are analyzed by 1960 degree-level-and-control categories, we find considerable variability.

Proportionately more independent and other-Church, four-year colleges made an unqualified commitment to maintain their traditional orientation-about half of these colleges appear to be holding firm, as compared to slightly more than one-third of Catholic four-year colleges.

REGARDLESS OF THEIR CURRENT OFFICIAL STATUS, VERY FEW OF THE COLLEGES REPORT POLICIES WHICH PRO-HIBIT THE ADMISSION OF MEN TO UNDERGRADUATE PROGRAMS.

"Highly restrictive" policies are reported by only 34 colleges (about 14%), of which 19 report that men are not admitted to undergraduate programs, and 15 report that male admissions are restricted to special nondegree courses or programs. It should be recalled that 53 percent of these colleges had "no admit" policies in 1960.

Enrolment of men and women on the same basis is now institutional policy for about 45 percent, consistent with their newly established status as coeducational institutions, while the admission of men to degree candidacy in special circumstances is allowed by an additional 18 percent. In 1960 only 3 percent admitted men and women without some sex-related considerations.

About 21 percent of the colleges say that they admit men, but not as degree candidates--e.g., in exchange programs.

sConsistent with the fact that proportionately more of them are now coed, restrictive policies regarding admittance of men are least characteristic of Catholic and public colleges.

FOR A FEW COLLEGES IN EVERY 1960 DEGREE-LEVEL-AND-CONTROL CATEGORY, CURRENT POLICIES WHICH PER-MIT THE ENROLMENT OF MEN APPEAR TO REPRESENT CONCESSIONS TO REALITY RATHER THAN LONG-TERM PREF-ERENCES OR GOALS FOR AN UNDERGRADUATE STUDENT BODY.

More than one-fourth of all responding colleges (68 of 247, or about 28%) checked women only as the statement most descriptive of long-range goals regarding sex-ratio among undergraduate students even though, as indicated above, only 19 colleges will not n w admit men. A limited number of men in a predominately women's colleges is the long-range goal of 38 colleges (about 15%).

\*Only 29 colleges (about 12%) would like to enrol about the same number of men and women, while an additional 10 colleges (4%) would prefer a substantial minority of men in a majority women's college.

\*A sex-ratio among undergraduates which is approximately like that of the applicant pool is the goal for 34 colleges (about 14%).

Almost one-fourth (23%) of the colleges say that they have no specific goals in this area.



Policies and plans related to coeducation, as reported in 1972 by 247 colleges traditionally for women only, classified according to 1960 degree-level and control

MENT OF CURRENT STATUS	19	60 classific	ation by lev	el of degree	e, and contro	l or affilia	tion	
	Two	-y-ar colleg	es		Four-year	colleges		A11
AND/OK PLANS REGARDING		Other			Other			col-
COEDUCATION	R.C. No. 1	Church No. 7	1/NP No. ≵	R.C. No. 1	church No. 1	I/NP No. ₹	Public No. 2	No. 1
We are committed to remain a women's college	6 21.4	3 37.5	10 43.5	43 35.8	10 55.6	19 50.0	2 16.7	93 37.6
We have decided to continue as a women's college on a "wait and see" basis	2 7.1	3 37.5	3 13.0	4 3.3	3 15.7	3 7.9	- ,	18 7.3
Continuing traditional role pending outcome of studies now underway	3 10.7		3 13.0	13 10.8	1 5.6	3 7.9	1 8.3	24 9.7
Now officially coeducational	15 53.6	2 25.0	7 30.4	53 44.2	1 5.6	9 23.7	7 58.3	94 38.1
Will become officially coedu- cational	1 3.6						1 8.3	2 0.8
Now a coordinate college	1 3.6			5 4.2	2 11.1	1 2.6	1 8.3	10 4.0
Other (NR)	. <u>- ,</u>	·		2 1.6	1 5.6	3 7.9		6 2.4

TCIES REGARDING ADMISSION		196	O cla	ssifica	tion	by leve	1 of	degree,	and	control	or a	ffiliat ———	100			
> OF MEN TO UNDERGRADUATE		Two	-year	colleg	)es		1		Fou	r-vear	colle	ges			A1	1
PROGRAMS, 1971-72	No.	R.C.		ther urch %		/NP	R No.	.C.	_ch	ther urch	<u>1</u> No.	/NP		ublic . %	leg No.	es
Men are not admitted to our program		7.1	Ì	50.0		17.4	3	2.5		11.1	3	7.9	1	8.3 58.3	19	7. 44.
Men may enroll and become candidates for our degree(s) but only in special circumstances	4	14.3	-		5	21.7	24	20.0	3	16.7	ű	15.8	2	16.7	44	17.
Men may enroll but not as candidates for our degree(s)e.g., as exchange students	-		2	25.0	4	17.4	24	20.0	6	33.3	14	36.8	1	8.3	51	20.
Men may enroll only for special, nondegree courses or programs.	4	14.3	-		3	13.0	5	4.2	1	5.6	1	2.6	1	8.3	15	6.
Other (NR)	_				,	8.7	3	2.5	1 1	5.6	2	5.3	_		8	3.

OALS .	REGARDING SEX-RATIO IN	1960	classificat	ion by level	of degree,	and control	or affiliati	on	
330	THE UNDERGRADUATE	Two	-year colleg	es		Four-year c	olleges		A11
544	THE UNDERGRADUATE		Other	7.400		- Other	I/NP	Dublic	col- leges
	STUDENT BODY	R.C. No. %	church No. %	I/NP No. %	R.C. No. %	church No. %	No. %	Public No. %	No. %
1	Women only	6 21.4	4 50.0	8 34.8	25 20.8	9 50.0	14 36.8	2 16.7	68 27.5
	A sex-ratio that will be approxi- mately like that of the applicant pool	4 14.3	1 12.5	2 8.7	21 17.5		4 10.5	2 16.7	34 13.8
	About the same number of men and women	3 10.7	1 12.5	1 4.4	14 11.7	2 11.1	5 13.2	3 25.0	29 11.7
	A limited number of men in a pre- dominately womens' college	2 7.1	2 25.0	3 13.0	18 15.0	3 16.7	8 21.0	2 16.7	38 15.4
.	A substantial minority of men in a majority women's college			2 8.7	6 5.0			2 16.7	10 4.0
	No specific goals in this area	12 42.9		6 26.1	29 24.2	4 22.2	4 10.5	1 8.3	56 22.7
į	Other (NR)	1 3.6		1 4.4	7 5.9	-,	3 7.9		12 4.8
i	Number of colleges	28	8	23	120	18	38	12	247

NOTE: COLUMN TOTALS SHOULD EQUAL 100% WITHIN LIMITS OF ROUNDING.

Coeducation and colleges traditionally for men only . .

THE TREND TOWARD COEDUCATION, AS WE MAVE INDICATED, HAS BY NO MEANS BEEN RESTRICTED TO WOMEN'S COLLEGES. Information regarding the status vis-à-vis coeducation, in 1971-72, of 261

institutions which were for men only in 1960 (including religious and theological schools), com-

The status in 1971 of 261 institutions which were for men only in 1960, according to 1960 control, degree-level, and type

Men's colleges	No. of			Sta	tus in 1971		
in 1960	insti- t∵tions		cational		s college	Not listed	in Directory
		No.	Percent	No	Percent	No.	Percent
Roman Catholic					1		
Universities and liberal ares	(55)	30	54.5	17	30.9	8	14.5
Theological and religious	(58)	2	3.4	34	56.6	22	37.9
Two-year institutions	(21)	1	4.8	3	14.3	17	81.0
Other-Church related							
Universities and liberal arts	(8)	4	50.0	4	50.0	-	-
Two-year colleges	(2)	2	100.0	-	-	-	-
Theological and religious	(35)	20	57.1	11	31.4	4	11.4
Independent, Nonprofit					1		
Universities and liberal arts	(29)	19	65.5	10	34.5	-	
Technological institutes	(81)	14	77.8	3	16.7	1	5.6
Two-year institutions	(13)	5	38.5	6	46.2	2	15.4
Theological and religious	(2)	<del>-</del>	-	2	100.0	-	-
Public	(20)	8	46.0	11	55.0	1	5.0
All institutions	(261)	105	40.2	101 -	28.7	55	21.1

te: Information regarding 1971 status is from U. S. Office of Education, <u>Education Directory, 1971-72</u>. <u>Higher Education</u>, Washington, D. C.: U. S. Government Printing Office, 1972, supplemented by other, more recent, published announcements. Many of the "unlisted" institutions, most of which were Catholic may be closed, paralleling the situation for a number of Catholic women's colleges. However, name changes and nonreporting may also be involved.

piled from published sources, indicates that only 101 (39%) of these institutions were sex-segregated in 1971; that 105 (40%) were officially coeducational, and the remaining 55 (21%) were not listed in the Education Directory. As the 1970's began, over one-half of the Catholic and other-Church related universities and liberal arts colleges, and 70 percent of the independent universities, liberal arts colleges and technical institutions--including some of the most prestigious and sought-after, erstwhile male bastions--were actively re-

cruiting women, thus complicating the prospects for many colleges traditionally for women only, especially the selective ones--those which had turned to coeducation and those which had not.

PATTERNS OF ENROLMENT, 1960 to 1970, AMONG COLLEGES TRADITIONALLY FOR WOMEN

For the 230 nonpublic women's colleges, most (84%) of the decade's total gain in enrolment had been attained by 1965. The post-1965 period was marked by declining growth rates. For some colleges, enrolment in 1970 was lower than that in 1960.

The typical nonpublic college enrolled <u>554</u> students (male, female; full- and part-time) in 1960, increased its total enrolment by 180 students to a level of <u>734</u> in 1965, but did not add many students thereafter. The typical college enrolled only 34 more students in 1970 than in 1965. This modest gain in total enrolment, to a level of <u>768</u> in 1970, was due to an increase in the average enrolment of men, since <u>the average enrolment of women in 1970 was actually lower than in 1965</u>.

Over the entire decade, there was only a small increase in average <u>freshman enrolment</u>, except for the public colleges. Nonpublic colleges reported an average freshman class of <u>203</u> students in 1970 and thus enroled 21 students more than the average of <u>182</u> registered ten years earlier. This mean increase of 21 consisted of 10 more women and 11 more men than were enroled in 1960. <u>Catholic colleges</u> (<u>four-year</u>) <u>had smaller freshman classes in 1970 than in 1960</u>.

leges reported male enrolment in 1970 (20 students in all).

\*Four-year independent colleges averaged over 100 men, although the mean enrolment of freshman males was only 18 for the entire group of four-year INP colleges, including several with no male enrolment.

Dramatic gains in enrolment were chalked up by ten public colleges which enroled about 3,400 students (mean) in 1970, about double their 1960 average (with 12 times as many men as in 1960).

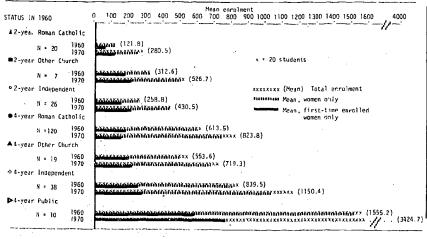
The average increase in total enrolment, 1960 to 1970, for public colleges amounted to over 1,850 students--only 10 of 230 nonpublic colleges had as many students in 1970.

Enrolment averages for 1960, 1965, and 1970, for 240 colleges traditionally for women only, by sex, and by degree-level and control in 1960

	So.			(mean) er			ted cate	egartes.	by jes			calleges
Degree-level and Control in 1960	col-		1960			1765		1970			report	ing hales
	leges	iotai	Men	Women	intal	Men	domen	iotal	Mer	Homen	1960	1970
iwo-year, Roman Catholic	( 20)											
Total enrolpent 		122	1	171 65	20t	:	204 -	281 133	38 21	247 112	( Z)	1 13;
T⊷o-year, Other-Church	( 7;											
First-time students only	• • • • • • • • • • • • • • • • • • • •	313 189	. 0	313 189	423 -	ò	423	527 229	24 7	503 222	(0)	( 2)
Two-year, Independent	( 25)	Ì						ĺ				
Total enrolment First-time students only		259	0 3	269 155	415	0	415	431 229	1	430 229	(0)	, 4)
Four-year, Roman Catholic	(120)	Ì										
Total enrolment First-time Students only			3	604 176	81,1	. 24	787	824 172	83 13	741 159	(42)	(102)
Four-year, Other-Church	(19)											
▲ Total enrolment First-time students only		554 213	41 6	512 207	717	28	689	719 221	30 5	690 217	( 91	( 7)
Four-year, Independent	( 3â)					•						
ofictel enrolment	• • • • • • • • • • • • • • • • • • • •	840	38 4	902 260	1055	64	991 -	1156 303	105 18	1015 285	(13)	1 21
Four-year, Public	(10)											
First-time students only		1555 588	41 7	1514 591	2365	113	2252	3425 836	501 74	2923 762	(7).	( 10)
All colleges, total enrolment All colleges, first-time only	(240)	596 199	16	580 197	802	29	773	879 229	85 15	794 214	(73)	(169)
Monpublic only, total enrol.	(230)	554	14	539	734	26	709	768	67	701		

\*\*\*\*\*

1970 versus 1960 mean enrolment in selected categories, for 240 study-colleges, by 1960 control and degree-level



\*\*\*\*

By and large, as they entered the 1970's, the projection for private, "traditionally for women only" colleges was one of static or declining enrolment among institutions of which three-fourths enroled fewer than 1,000 students and 30 percent enroled fewer than 500.

However, not all colleges were seeking to expand. And the enrolment picture was brighter for INP four-year colleges than for other groups. MOREOVER, THE PIC-

TURE WHICH HAS EMERGED HERE FOR GROUPS OF NONPUBLIC, TRADITIONALLY WOMEN'S COLLEGES AS THE 1970'S BEGAN DOES NOT ACCURATELY PORTRAY THE CIRCUMSTANCES OF MANY INDIVIDUAL COLLEGES--SOME VARIED MARKEDLY FROM THE AVERAGES OF THEIR RESPECTIVE GROUPS, AS WE SHALL SEE.

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0-15									-	1970 enrolment lower than emported	-		بمر ا	\     \			•		<u>}</u>			ELATIC	ENRO	THA	_		
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		DEGREE-1 FVEL AND	Two-year coll	≪ c		<u>⊱</u>	4							_	_						•	700	Š.	<b>=</b> \$	\$ 4 1 0 S	4.	8 28
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200		_			1	1		,													o tmen		0	Q Q	ê	-7	유
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ξ Şi	+	2499	2399	2299	2199	2099	6661	1899	1799	6691	1599	1499	1399	1299	1199	1099	666	899	662	669	599	667	399	299	199		0.8
Number of students	2500	2400-2499	2300-2399	2200-2299	2100-2199	2000-2099	1900-1999	1800-1899	1700-1799	1600-1699	1500-1599	1400+1499	1300-1399	1200-1299	1100-1199	1000-1099	666 -006	800	96	909	Š	ş	ě	200	ğ	001-099	Number of

The correlation between total institutional enrolment in 1960 and total enrolment in 1970 is high (r = .81), but there is still considerable variation in 1970 enrolment among institutions which were equal in size when the decade began



Differential growth patterns, 1960 to 1970 . .

The relationship between 1960 and 1970 total enrolment for 230 nonpublic colleges in the sample (all those for which both sets of enrolment data were available) is summarized graphi-

cally in the facing figure.

Each college is located according to its total enrolment in 1960 (vertically) and 1970 (horizontally). The diagonal line indicates "average expectancy" for 1970 total enrolment among colleges at various levels of 1960 total enrolment.

Based on the correlation between 1950 and 1970 enrolment data (r=.81), the "best estimate" of 1970 total enrolment for a randomly selected nonpublic college in this sample is given by the following "formula": 1.03 (1960 Total) + 197.05. [Thus, for example, the best estimate of 1970 enrolment for a college which enroled 1,000 students in 1960 is: 1.03 (1,000) + 197.05, or 1,030 + 197.05, or 1227.05.] Application of this formula yields "average expectancy" in terms of 1970 total enrolment for all the nonpublic colleges at a given 1960 enrolment level.

Colleges plotted below the diagonal line in the figure had a 1970 enrolment which exceeded average expectancy, and colleges plotted above the diagonal had a 1970 total which fell below average expectancy. By inspection of the figure we get a picture of differential growth patterns over the decade for individual institutions, and for the various categories of institutions (defined in terms of 1960 control-and-degree-level). For example:

The distribution of dots ( $\bullet$ ) and small triangles ( $\blacktriangle$ ) points up the below-average growth patterns of many four-year and two-year Catholic colleges, respectively. It appears that those four-year Catholic colleges which began the decade with relatively large enrolments fared relatively poorly, tending to fall short of average expectancy in terms of 1970 enrolment--note the concentration of dots to the left of the diagonal, especially in the rows corresponding to 1960 enrolments of 900 or higher.

On the other hand, the larger independent four-year colleges ( $\diamondsuit$ )--those with 1960 enrolment of 900 or higher--appear to have done somewhat better than average for nonpublic women's colleges, in terms of enrolment gain over the decade.

Institutions identified as pre-1970-coed (e.g.,  $\bullet_{\gamma}$ ) tend to be located to the right of the diagonal, indicating greater than average enrolment gain, 1960 to 1970.

The method used to develop best estimates of 1970 total enrolment was also used to develop best estimates in two other enrolment categories, namely, women only in 1970, and total <u>first-time enrolment</u> (i.e., size of freshman class) in 1970, from 1960 enrolments in the respective categories. The formulae which yield the respective "best estimates" are as follows:

Estimated 1970 Women only enrolment = .96 (1960 women only) + 183.26 Estimated 1970  $\overline{\text{First-time}}$  enrolment = .73 (First-time 1960) + 69.72

Expected and observed 1970 enrolment averages in the several categories were determined for several groups of nonpublic colleges, as follows:

- a) the several groups defined in terms of 1960-control-and-degree-level,
- b) "highly selective" nonpublic colleges in the sample versus "highly selective" traditionally coeducational colleges, and
- c) nonpublic colleges in the sample which became coeducational prior to 1972 <u>versus</u> other groups.



CATEGORIES OF WOMEN'S
COLLEGES FOR WHICH THE
AVERAGE OBSERVED ENROLMENT IN 1970, TOTAL
AND WOMEN ONLY, WAS
GREATER THAN EXPECTED:

Independent fouryear colleges generally, and highly selective independents, and

⋄ Two-year, other-Church colleges.

OBSERVED 1970 ENROL-MENTS WERE LOWER THAN EXPECTED FOR:

Catholic colleges, both two- and fouryear, and the twoyear independents. Expected <u>versus</u> actual 1970 enrolment in selected categories for 230 nonpublic colleges traditionally for women only, and for 45 "high-ly selective," traditionally "ucational colleges

Groups of colleges				Average (mean	) enrolment		
(1960 status)	(No.)		Total er	rolment	na naggara 1800 and deriver of the 1780	Konen on	lv
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1970 expected	1970 actual	Difference (Act Exp.)	1970 expected		Difference (Act E-p.
WOMEN'S COLLEGES: "WO-YEAR	<b></b>						
	. (20)	322.6 519.0 463.6	280.5 526.7 430.5	-42.1 7.7 -33.1	299.5 483.4 431.7	242.8 502.6 430.0	-56.7 19.2 - 1.7
WOMEN', LEGES, 44A	NR.						
●Roman Ce  ["Highly a section only  ▲Other-Church  Independent  ["Highly selective" only  ▶Public	( 19) ( 38) ] [ 20]	828.9 [1056.6] 767.3 1061.8 [1136.4] 1798.9	823.7 [ 972.1] 719.3 1150.4 [1179.2] 3424.7	- 5.2 [ -84.5] -48.0 88.6 [ 42.8]	763.5 [1037.0] 675.2 953.1 [1087.2] 1636.8	740.8 [1032.3] 689.7 1045.2 [1169.1] 2923.3	-27.7 [ -4.7] 14.5 92.1 [ 81.9] 1286.5
COED COLLEGES: FOUR-YEAR ["Highly Selective" only] Independent colleges Other-Church		[1388.8] [164D.8]		[ 147.6] [ 214.1]	[ 622.0] [ 670.6]	[ 641.9] [ 696.2]	[ 19.9] [ 25.6]

<sup>\*</sup>This is the "best estimate" of 1970 Total enrolment, from the 1960 Total, based on data for 230 nonpublic, women's colleges. The "best-estimate" (or expected enrolment) is provided by: [1.03 (1960 Total) + 197.05].

The typical four-year other-Church college enroled fewer total students but more women students than expected in 1970. FOR COMPARATIVE PURPOSES, THE FORMULAE USED TO ESTIMATE 1970 FROM 1960

Difference between actual and expected 1970 enrolment averages, total and women only, for designated categories of colleges

EN'S COLLEGES:   1970 envolment looar time   225 - 100 - 75 - 50 - 25   (-)	expected by this amount  0 25 50 75 100 125 , 225
TWO-YEAR ROMAN CATHDLIC (-42.1) (-56.7)	111
TWO-YEAR OTHER-CHURCH (N = 7)	(7.7) 1111 (19.2)
TWO-YEAR INDEPENDENT (-33.1) (-1.7)	Total enrolment
FOUR-YEAR ROMAN CATHOLIC (-5.2) (N =120) (-22.7) III	IIIIIIIIII Women only
"Highly selective" [-84.5] RC Colleges [N = 10] [-4.7]	
FOUR-YEAR OTHER-CHURCH (-48.0) 7/1/1/ (N = 19)	III (14.5)
FOUR-YEAR INDEPENDENT (N = 38)	(88.6) 
"Highly selective" Independent Colleges [N = 20]	[42.8] 
COEDUCATIONAL, FOUR-YEAR INDEPENDENT ["Highly selective" colleges only] [N = 35]	
COEDUCATIONAL, FOUR-YEAR OTHER-CHURCH	

NOTE: The "expected" 1970 enrolment in a given category (e.g., women only or total) is the best estimate based on an institution's 1960 enrolment in that category.

ENROLMENTS AMONG NONPUBLIC WOMEN'S COL-LEGES WERE APPLIED TO ENROLMENT DATA FOR 45 HIGHLY SELECTIVE, TRADITIONALLY COED COLLEGES (35 independent and 10 other-Church).

Carger in 1960 than their women's college counterparts, the selective traditionally coed group also grew more rapidly during the decade. In 1970, their total enrolment average was considerably higher than expected according to the general women's college projections—e.g., selective independent, traditionally coed colleges gained 147 students more than expected, as compared to an average gain of about 89 for their counterparts among the women's colleges, although the picture is reversed when women only enrolment is compared.

HOWEVER, AS WE SHALL SEE, THOSE WOMEN'S COLLEGES WHICH BECAME COEDUCATIONAL BEFORE 1970 MADE GREATER RELATIVE GAINS IN TOTAL ENROLMENT THAN THE TRADITIONALLY COED COLLEGES UNDER STUDY HERE.



<sup>\*\*</sup>Ihis is the "best estimate" of 1970 enrolment of women only, from the 1960 enrolment of women only, based on the same group of institutions. The expected enrolment of women in 1970 is given by: [ .96 (1960 Women) + 183.26].

<sup>&</sup>quot;Highly selective" institutions are those with an "estimated selectivity score" of 60 or higher as reported by Astin [A. W., Who Goes Where To College?, Chicago: Science Research Associates, 1965].

Coeducation as a factor affecting enrolment.

By 1972, 110 nonpublic colleges which in 1960 were women's colleges had introduced coeducation. Of these colleges, 89 reported an official date for the change to coed status, and of the dates involved,

more than one-half (45 of 89) were post-1970. Our analysis of coeducation as a factor in enrolment was therefore relatively limited in scope and designed to answer two questions:

Did the pre-1970-coed colleges tend to fare better in enrolment gain, 1960 to 1970, than women's colleges generally?

Did the few colleges which turned to coeducation early in the ade tend to fare to 1970-coed colleges

Results of the analyses undertaken warrant an affirmative answer to both questions:

For 40 pre-1970-coed colleges (8 independent or other-Church and 32 Catholic), the average total enrolment increased from 465, in 1960, to 879, in 1970-they enroled 202 students more than average expectancy in 1970.

For six pre-1967-coed colleges, all Catholic, average total enrolment increased more dramatically, from a mean of 336 in 1960 to one of 1,018 in 1970. . .

Pre-1970-coed Catholic colleges fared better than their sister institutions in terms of enrolment gain during the 1960's

THOLIC WOMEN'S COLLEGES assification)	Year	Average Total	(mean) Men	enrolment Women
atholic colleges with and 1970 data (N=140)				
Total enrolment	1960 1970	543 746	8 76	535 670
Expected		257	-	697
Deviation from expected		(11)	· -	( 27)
First-time enrolment	1960 1970	160 167	± 15	160 152
Expected		187	-	187
Daviation from expected		- 20		- 35
"officially coeducational" to 1970 (N = 32)				
Total enrolment	1960 1970	394 787	15 210	379 577
Expected	1970	602		547
Deviation from expected	•••••	(+18b)		(+ 30)
First-time enrolment	1960 1970	109 170	47	109 123
Expected	1970	149	-	149
Deviation from expected		+ 21	-	- 16

\*Less than 0.5

Introduction of coeducation prior to 1970 was associated with greater than average gain in total enrolment from 1960 to 1970

		public wome leges in 19		Traditionally coed colleges
Enrolment factor and year	Pre-1970 coed	Pre-1967 coed	All 1960 colleges	Highly selec- tive only
	N = 40	N = 8	N = 230	N = 45
Mean enrolment in 1960	465	336	554	1211
Mean enrolment in 1970	879	1018	768	1607
Expected total in 1970	(677)	(543)	(768)	(1445)*
Deviation from expected	+202	+475	0	+162
1970 males as % of total	26%	41%	8%	57%

This is the best estimate of 1970 total enrolment for a randomly selected nonpublic women's college which enrolled 1211 students in 1960. Thus, the typical highly-selective, independent or other-Church related, traditionally coed college experienced an enrolment gain which was better than the average expectancy established for 230 nonpublic women's colleges.

When the analyses were limited to Catholic colleges, the results were similar.

- 1970 average enrolments were lower than expected for Catholic colleges as a whole, both two- and four-year.
- For 32 pre-1270-coed colleges, the average 1970 total enrolment was higher than expected by 185 students.
- Although the average enrolment of freshman women in the pre-1970-coed group was below expectancy, the total enrolment of freshmen averaged 21 students more than expected.

It is noteworthy that, for 230 nonpublic colleges, only 8 percent of the 1970 total enrolment was male, as compared to 26 percent for the pre-1970 and 41 percent for the pre-1967-coed colleges.

WOMEN'S COLLEGES WHICH BECAME COEDUCATIONAL WHILE THE DEMAND FOR COLLEGE PLACES WAS STILL RELATIVE-LY HIGH APPEAR TO HAVE FARED BETTER IN TERMS OF ENROLMENT GAIN THAN THEIR SISTER INSTITUTIONS.



Problems of transition:
anticipation vs. sality . . .

Fifty colleges which had made the official transition to coeducation provided brief statements of problems anticipated and those actually encountered. The princi-

pal areas of difficulty as anticipated and realized by the colleges clustered around five areas which may be summarized as follows: RECREATION AND SPORTS (PROGRAMS AND FACILITIES), HOUSING AND RESIDENTIAL LIVING, CURRICULUM AND PROGRAMS, RECRUITMENT AND ADMISSIONS, AND PUBLIC RELATIONS (IMAGE, ALUMNAE). Four of the colleges reported that they anticipated no problems and eight indicated that they encountered no problems of substance. In general the number of colleges reporting actual problems was less than the number anticipating problems in all the most frequently mentioned areas. Less frequently anticipated and encountered problem areas were COUNSELING AND PLACEMENT, NEGATIVE STUDENT ATTITUDES, FACULTY MIX AND/OR ATTITUDINAL PROBLEMS, AND HEALTH AND FOOD SERVICES. If the pattern of these responses provides any insight into the problems of transition it is, possibly, that the problems are largely anticipatable and that they may loom somewhat larger in prospect than in fact.

### A POST-SURVEY SUMMATION

THIS SURVEY BEGAN WITH THE COMPILATION OF A LIST OF COLLEGES WHICH WERE IDENTIFIED AS "WOMEN'S COLLEGES" IN 1960. As we have seen, there were 298 such institutions. The CRC survey which began in April, 1972, revealed that 33 of these colleges had closed or had announced plans to do so, that 146 were continuing with varying degrees of commitment and assurance their original mission as colleges for women, and that 119 had become coeducational, coordinate, or merged-coeducational colleges. And of course the story of institutional change and development is open-ended--since the data of this survey were analyzed and structured in tabular and graphic formats, it has been necessary, for example, to add 10 more colleges to the growing "coed-coordinate" category which now accounts for 49 percent of the total group of 265 colleges traditionally for women only, as compared to 45 percent in spring, 1972 (see page 6).

SO IT CAN ONLY BE SAID THAT THE LIST WHICH BEGINS ON THE FACING PAGE IS AS UP-TO-DATE AS POSSIBLE WITH REGARD TO THE INFORMATION IT CONVEYS. Colleges are identified by their current name, which in more than 50 instances differs from the name of record in 1960. They are classified according to sex-composition of the student body, control or affiliation, and level of degree-program as reported at the time the survey data were collected (i.e., spring, 1972). We have called attention to the fact that many Catholic colleges (and some other-Church related colleges) have established "independent, nonprofit" status. All church-related colleges which stated unambiguously that they were "independent, nonprofit" are so classified in the list but their former church-connection is indicated. Catholic colleges which reported that they were "independent, nonprofit and Catholic" are classified as "Catholic," but identified by special notation. The colleges for which a change in status vis-a-vis coeducation has been indicated since the survey data were analyzed are also identified by special notation.



265 COLLEGES TRADITIONALLY FOR WOMEN ONLY, CLASSIFIED ACCORDING TO THEIR STATUS IN 1972 WITH REGARP TO SEX-COMPOSITION OF THE STUDENT BODY, CONTROL OR AFFILIATION, AND LEVEL OF DEGREE-PROGRAM

### WOMEN'S COLLEGES

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And what of the future: .

WOMEN'S COLLEGES APPROACH THE MID-1970'S WITH SHARPLY REDUCED RANKS AND A COMPELLING NEED TO REDISCOVER THE CLARITY OF PURPOSE WHICH CHARACTER-IZED THEIR ORIGIN--TO RE-ESTABLISH A DISTINCTIVE RATIONALE AND JUSTIFICATION FOR THEIR MISSION WOMEN'S COLLEGES IN A SET OF CIRCUMSTANCES

WHICH DIFFERS DRAMATICALLY FROM THAT ". . . WHICH MOT .. ATED THE FOUNDERS."

In addition to being women's colleges during a period when institutionalized distinctions based on sex are either unfashionable or illegal, they are also small, relatively unaffluent, and mostly private--still church-related in many instances, and they must thus resolve the unique questions about the relevance of their traditional mission in the context of many general problems which beset other higher institutions with such characteristics.

Some proponents of women's colleges have argued that they should be continued as available options for young women who may prefer to attend a sex-segregated rather than a coeducational college. The resolution of this argument lies in the domain of the academic market-place, and women's colleges may continue to operate as such for so long as the demand for their services remains sufficiently great.

In a survey of high-school seniors of high ability, sponsored by Princeton University and conducted in summer, 1972, with the cooperation of CRC at ETS, "coeducational status" and "church-relatedness" were included among 19 characteristics of a college which respondents were asked to rate on a five-point scale ranging from extremely desirable (The college must have this characteristic or I would not attend) to extremely undesirable (If the college had this characteristic I would not attend).

 $\circ$  CHURCH-RELATEDNESS was the least attractive of the 19 characteristics, and the one with the <u>highest</u> <u>negative</u> <u>valence</u>.

\*COEDUCATIONAL STATUS was second only to HIGH ACADEMIC STANDARDS in the proportion of positive ratings received. None of the other factors listed had as high a proportion of extremely desirable ratings as these two, neither of which had negative valence for any of the respondents.

Are there unique educational benefits to young women which can be attributed to attending a sex-segregated rather than a coeducational college? The answer to this type of question lies in the domain of systematic inquiry into the educational process, a domain which relatively few women's (or other) colleges have explored with any consistency, or fiscal and intellectual vigor.

IT MAY BE ARGUED THAT CURRENT AND ERSTWHILE WOMEN'S COLLEGES HAVE A SPECIAL RESPONSIBILITY, AND A UNIQUE OPPORTUNITY, TO HELP GENERATE "ANSWERS" TO QUESTIONS REGARDING THE IMPACTS OF COLLEGES ON STUDENTS, OR THE RELATIVE EFFECTIVENESS OF VARIOUS INSTITUTIONAL ARRANGEMENTS AND MODELS FOR ATTAINING SPECIFIED EDUCATIONAL OUTCOMES WITH CERTAIN TYPES OF STUDENTS--ANSWERS WHICH CAN BE GENERATED THROUGH INTERINSTITUTIONAL COOPERATION IN SYSTEMATIC, LONGITUDINAL, MULTIINSTITUTIONAL RESEARCH.

COLLEGE RESEARCH CENTER IS AN AGENCY FOR INTERINSTITUTIONAL COOPERATION IN INSTITUTIONAL RESEARCH. Supported from its inception by participating colleges and the College Entrance Examination Board, since 1970 CRC has been affiliated with and partially supported by Educational Testing Service. As an interinstitutional model, CRC assumes that colleges as a matter of enlightened self-interest should develop cooperatively and help support a programmatic pattern of data collection, surveys, tests, and evaluation procedures with (a) sufficient commonality to assure comparability of data from college to college, (b) sufficient flexibility to permit each college to meet unique needs and interests, and (c) sufficient continuity to provide critically important time perspective for the assessment of trends in basic institutional variables and their interrelationships.

CENTER NOTES SEEKS TO COMMUNICATE ABOUT INSTITUTIONAL RESEARCH AND RESEARCH FIND-INGS TO COLLEGE FACULTY MEMBERS. Its goal is to increase the likelihood that findings of research, conducted by CRC and by others at ETS and elsewhere, will become part of campus discourse on the problems to which they are related, and not simply remain part of the research literature.

IMQUIRIES ABOUT CRC ARE WELCOMED.

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