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Under the stress of today's extremely complex and diverse pressures. "college administrators have been abandoning institutions of higher education like rats from a sinking ship." College presidents need to be able to obtain. significant information about their institutions in order to make decisions sufficiently viable for the institution's survival. This study assessed some of the kinds and sources of data used in the decision making of college presidents under present conditions. Presidents of institutions belonging to the American Association of State Colleges and Universities were queried on: which officers have the responsibility for providing the president with data such as studies on students, budget and curriculum. long range planning. space utilization, and federal programs: what kinds of institutional data in these areas do they regularly review in making decisions; how does the president decide where to gather information in making policy decisions: does the president communicate research findings to the faculty; and what was the value of ongoing studies compared with those completed when a problem arose. The results, analyzed in this paper. show no standard set or recommended pattern of behavior. It was found, however. that presidents seem preoccupied with providing physical facilities and budgetary efficiency. (JS)

# DATA GATHERING FOR DECISION MAKING 

BY PRESIDENTS OF STATE COLLEGES

AND UNIVERSITIES

## BY

WESLEY JAMES SANDNESS
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W. J. S.

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## INTRODUCTION

It is an obvious fact that there is considerable unrest in higher education today; unrest which is not only generated by student concern, but also can certainly be found around and among the top administrators. Last year the headlines indicated over 300 vacancies for college and university presidents. Many resigned claiming "presidential fatigue". Others resigned without public comment. The source of the problem is not difficult to determine since other headlines are constantly relating to higher education, drawing attention to student unrest, faculty discontent, tax payer disenchantment, and general alarm among the various "publics" which a university president must face. These problems no doubt arise as a result not only of the burgeoning enrollments and the increasing educational demands upon the students, but also because of the national political mood generated by racial problems, war, military service or the draft, and increased national communication.

The complexity of the rodern day unfversity has in most cases only served to increase the difficulty for a college administrator in meeting the obligations of his position. Apparently, the responsibilities of the college presidency exert enough demand on an individual's energy reserve that those who now hold these jobs will not continue in them for the rest of their working career or,
for that matter, for very much longer. As an example, in a recent report published in the Memo to the President from the American Association of State Colleges and Universities, from a survey for TIAA-CREF, the author states that although the typical college president is more than ten years away from the normal retirement age of 65 , he will probably hold his position as president for only three or four more years. Of those who did resign and who did take other jobs, most were in positions completely outside of University life. ${ }^{1}$

Part of the problem is perhaps centered around the decision making processes of institutions of higher education. A recent comment in Education Age magazine by Fred C. Manassee is a startling example of what critics are saying, "If the Ford Motor Company were managed along the same principles as schools, a Ford would cost $\$ 100,000$. . . and all workers would need college degrees." His implication was not that the educators are necessarily incompetent, but that the structure is wrong. The alternative to exercising restraints and economies in education has always been available at least in the public sector -- that of raising taxes. ${ }^{2}$

1 American Association of State Colleges and Universities, Memo to the President, Edited by Jane Otten, 9:5, April 23, 1969: p.4.
${ }^{2}$ Fred C. Manasse, "If Ford Were Run Like the Schools", Education Age, 5:4, March-April, 1969: p. 36.

Furthermore, the milieu of an institution where the search for knowledge and truth is made, based on the concept of academic freedom especially as it is interpreted today with the commensurate right to teach and to learn, has done little to allow management flexibility in administering this leviathan called higher education. In this kind of organization contrary to that found in industry, the controlling policies are generated and the kinds of products produced are determined not so much by the top management, but by those down in the ranks. In industry, there is an easier assessment of quality control based on concrete information and a more precise determination of what products shall be produced. But in higher education there exists a coveted guarding of the right to search for knowledge in whatever direction that search might lead. The justification for time, money, and materials is in many cases taken for granted without any promise of guaranteed results. This is not to be taken as a suggestion for change or an indictment against the concept of academic freedom, but rather to simply state that the situation is an educational fact of IIfe with which administrators of higher educational institutions must constantly reckon.

The problem actually has been compounded over the years. When higher education began in the United States with the foundIng of Harvard in the 17 th century and with the subsequent
founding of other similar colleges, not only were the schools a good deal smaller making them easier to manage, but the authority of the administration to direct was much more apparent and tangible. In these early schools the curriculum was relatively simple and the question of academic freedom, especially for students, was nonexistent.

In fact, the early colleges were perhaps considerably irrelevant to society and apparently produced a conspicuously minor impact on the character of the developing nation at that time. Those who attended institutions of higher education in the early colonies were in the extreme minority and their purposes for doing so were largely disassoriated with the intellectual and social development of the era. ${ }^{3}$

The transition from the type of institution common to those days down to the present was not without difficulty. In fact, the involution of the decision making process has continuously increased and has never been so great as it is today. The demands of an increasing technology for occupationally trained as well as liberally educated individuals; the influence of the German universities on graduate education, research, and academic freedom; the concept of an educated and informed con-

[^0]stituency in a democracy; and the practical needs of a complex society have all created demands upon higher education to an extent that today's university is the servant of many masters.

The most striking impact of change and complexity which generated today's difficulties in administering higher education, though not unrelated to the long evolution of higher education: in this country, has come following World War II. Mass education, population growth, industrial and technological expansion, and the explosion of available knowledge and information have changed the character of the situation decidedly. Higher educational institutions are no longer small. They are no longer even approaching anything that might be termed simple. They are complex, diverse, and multi-purpose. This is in itself not news, but the result of L'iese changes have been vexing to almost everyone associated with higher education. Gone are the days when faculty sat under the shade of a maple tree sipping a mint julip while the student body practiced their loyalty chants for the next athletic contest (if indeed this ever happened).

A more typical picture of a modern campus today is the busy atmosphere of a large and active industry with complex laboratories and classrooms equipped with complicated gear where faculty and students are engaged in the pursuit of their individual endeavors, not necessarily relating to the stereotyped
version of the beloved halls of ivy. In fact, the so-called teaching-learning process has given way in some cases to demands of research contracts, governmentally funded service programs, and private faculty endeavors tending to fragment the purposes of higher education ad infinitum.

Yet, with all this change, the basic structure of the decision making organization has remained with the mint julip boys, causing a backlash among faculty and especially students that is presently reverberating from one end of the nation to the other. This is a considerable assertion which, if necessary, can be documented at length. Suffice it to be said at this point that because this is true, college adminfstrators have been abandoning institutions of higher education like rats from a sinking ship.

Yet the serious fact remains that for those who now hold positions of responsibility in college administration, and specifically college presidents, there must be a means of obtaining pèrspicuous information about their complex institutions for making sufficiently viable decisions for the institution to continue to function under the stress of extremely diverse demands. The obvious question, then, is: "What are these kinds of information and how are they obṭained?"

## PURPOSE AND PROCEDURES

The purpose of this undertaking, therefore, was to assess some of the kinds and sources of data used in the decision making of the college president under the conditions previously described.

The institutions selected were those belonging to the American Association of State Colleges and Universities, which are among the fastest growing colleges and universities in the United States. These schools now enroll more than one-fourth of the total four-year college and university student population. It has been estimated that by 1975, this group of institutions will enroll more than one-third of the four-year college enrollees. ${ }^{4}$ The size of the institutions range from less than 500 students to just under 30,000, with an average size of around 6,500. They are represented in 44 states, the District of Columbia, Guam, and the Virgin Islands. They are located in both rural and urban areas, serving students from all academic and economic backgrounds. The highest level of academic degrees offered is predominantly the Master's degree; however, some offer only the Bachelor's degree, while others offer the Specialist and the Doctorate.

4 Committee on Policies and Purposes, One Out of Five, Association of State Colleges and Universities, Prepared by Dr. Joe Smith, 1967: p.4.

Presidents of the colleges and universities belonging to this association were queried about their practices in organizing and data gathering for decision making. The thrust of the questionnaire presented to them was toward finding their usual $p$ :actices, and not necessarily what they considered optimum or even desirable. The point was to find out just what they did now.

Of the presidents queried, 135 responded. In most cases the questionnaire was completed personally by the president ( $73 \%$ of those responding), but in $6 \%$ of the cases they were filled out by his assistant, $1 \%$ by the registrãr, $8 \%$ by an officer in institutional research, $3 \%$ by a dean or vice president, and $4 \%$ by some other officer. Five percent did not indicate the person reporting.

These presidents were asked two types of questions:

1. What kinds of information do they personally use in their decision making?
2. Who has the responsibility for making the information available to them?

Since the colleges and universities for which these men served were all publicly supported, it should be recognized that the decisions these presidents make are within that context and are not necessarily the same problems as those faced by presidents of private institutions. For example, their student clientele,
their budgeting process, their long-range planning, and even their curriculum would be organized and processed according to those characteristics peculiar to a publicly supported institution. Therefore, the kinds of data needed to make the necessary judgments would be of that type and for those purposes.

The Sources of Decision Making Information for Presidential Use

The presidents were asked which officers have the responsibility for providing various kinds of data to the president; such as studies dealing with students, budget, curriculum, faculty, long-range planning, space utilization analysis, and federal programs. Normally, it would be expected that the administrator for a particular area would report on his affairs directly to the president. However, there was no real pattern among the institutions, other than to say that the administrator in charge of the particular area only sometimes had the responsibility of providing the information about his area to the president.

For example, the individual in charge of the division of student affairs normally reported data regarding students to the president. However, in many cases the office of institutional research had that responsibility, among others reported. In 19\% of the cases, neither the office of research nor the officer in charge of student affairs reported on students to the president.

The same was true in the area of fiscal matters. Although predominently the individual charged with the administration of fiscal affairs reported this, in $42 \%$ of the cases he did not,

In more than one out of four cases, the office of institutional research had that responsibility.

In the area of curriculum, the president most often gathered his information from the person charged with the responsibility for academic affairs. However, in some instances there seemed to be an indication that the president really did not enter into discussions about curriculum until the matters had been settled, and were simply reported to him. 5

The office most frequently reported as being responsible for preparing data on long-range planning was the office of institutional research. Since only slightly over half the institutions maintain an office of institutional research, apparently the office, when created, is charged normally with this kind of responsibility.

The same can be said of the administering and reporting on federal research programs, of space utilization analysis, and of faculty data. For example, in $36 \%$ of the cases the research office had the responsibility for reporting faculty characteristics; while in only $29 \%$ did the person charged with the responsibility of administering the academic program, and therefore the faculty, have the responsibility.

5 See Appendix A, p. 55.

The question of space utilization analysis, which commonly must not only be reported to the president, but also to the state coordinating boards in most states and also to the U. S. Office of Education, provided an interesting example of the diversity of organization in institutions, which supposedly are quite similar in structure and background, and may be worth noting at some length.

As indicated earlier, the research office most often reported the space utilization analysis. However, in other cases a facilities program coordinator, the Academic Vice President, the Director of the Physical Plant, the Executive Vice President, the Data Processing office, the Physical Faci1ities Committee, the Registrar, the Business Manager, the Director of Admissions and Records, the Assistant to the President, the Director of Personnel, and the Dean of Graduate Studies reported the space utilization information. Even after cataloging this rather extensive list of individuals, it was found that an additional $3 \%$ indicated someone other than those 1 isted above reported this information; and $11 \%$ made no response at all. The responsibility for space analysis was delegated to a greater variety of individuals and positions than was any other item examined.

Kinds of Data Used by Presidents In Decision Making

The presidents were asked what kinds of studies or institutional data were regularly reviewed by them for their decision making responsibilities. Those specifically noted were in the area of student studies, budget analysis, curriculum analysis, faculty characteristics, institutional projections, and space utilization analysis.

In the majority of cases, perhaps an average of more than three out of four presidents indicated that they reviewed personally studies in all of these categories regularly, although it is significant to note the kinds of studies that interested them most in each of these groups. Discussion of those will follow later in this report. Most frequently mentioned for their personal review were budget analysis, student studies, and institutional projections, especially those projections having to do with fiscal affairs and the physical plant. Space utilization analysis also represented a high degree of personal attention by the presidents responding. At the same time, most reported that they must file with the state coordinating board the projections of enrollment, of physical plant, and the budget; while state boards also require that an accounting of the utilization of space be made to them. Apparently the state boards are most interested in the projections of costs for future needs and in finding out whether or not present facilities are being used.

The presidents indicated that they reviewed personally least frequently information about curriculum and faculty studies. These were also indicated to have been reported least frequently to the state coordinating boards.

In addition to those studies used by the presidents reporting which were prepared on the campus, they also found useful certain analysis acquired from off-campus sources, particularly from the state coordinating or governing boards. In no instances did as large a percentage of presidents use studies prepared off-campus as those prepared by someone on their own campus. Those most frequently mentioned as being useful were prepared predominantly by the state coordinating or governing board and dealt with enrollment, space utilization, or faculty salary studies. Curriculum and faculty matters other than salaries ranked again as the least used.

## Student Studies

A portion of the questionnaire was reserved for questions dealing specifically with the kinds of information needed regarding several areas in which a president would be concerned in making his decisions about students.

When considering students, it appears that presidents are most interested in concrete data such as enrollment and enroliment predictions, full-time student equivalents, residency, number of transfers, class level, first-time enrollments, and matters of this kind. They apparently reviewed less often matters having to do with how students feel or what they are thinking.

For example, $96 \%$ of the presidents reporting indicated that they regularly reviewed the head count enrollment of their institution, but less than one out of four (23\%) used the results of a campus climate or student environmental survey. In fact, quantitative student data was available and examined on every campus, which is not surprising. But, in over one out of four cases there was apparently not available any indication of data pertaining to student attitudes. Furthermore, although more than half of the presidents reporting indicated they examine scholastic achievement and progress patterns, this was confined most often to standard achievement scores. Distributions of college grades and of high school rank were generally not examined to the extent that were other student information.

Thirteen percent of the presidents reporting said they regularly reviewed student initiated evaluation of instruction and that only $8 \%$ use institutionally initiated student evaluations on a regular basis. In almost half the institutions for
which reports were received, there was no student evaluations of instruction available on the campus.

After examining the kinds of information used, it is not. surprising that the person most often responsible for reporting student information to the president was the Registrar, in almost three out of four cases. There was an indication that other offices sometimes shared this responsibility, however, including the office of student affairs and a central office of research.

## Budget Analysis

Another category set aside for the presidents to indicate the kinds of data they need for decisions in a particular area had to do with budgeting. The kinds of data most often examined dealt with faculty salaries, income from tuition and fees, general operating expenditures, and other income for educational and general purposes.

Most of the presidents were interested in average faculty salaries and, to some.degree, fringe benefits. They most often wanted this information by academic rank rather than by level of academic preparation. A relatively smaller number of institutions apparently use unit cost indices for budgeting purposes.

However, the number is very close to half of those reporting who do use these.

As would be expected, the majority of presidents charge the budget officer with the responsibility for reporting fiscal analysis. However, more than one out of four indicated that a central office of research also has this responsibility.

## Academic and Curriculum Analysis

Although it may be argued that every area for which a presideṇt may desire information was not included in this questionnaire (which would be a valid argument), a certain number of areas were examined to find the extent to which presidents found academic and curriculum studies useful in making their decisions. The degree to which presidents found useful the kinds of information stated in the questionnaire in this category was somewhat less significant tothem than in other areas, such as was found in budgeting for example. Only one or two exceptions to this were found, such as the number of students completing degrees and the kinds of degrees being granted. A majority were interested in the number of clock hours taught and student credit hours taught. Half wanted to know the number of students placed on academic probation.

In this area more than any other it was indicated that much of the information was available but seldom used. There was an indication that most often the Registrar and the Academic Vice President shared the responsibility for providing these data to the President.

## Space Utilization Analysis

It could be said that one measure of the efficiency of an industry would be the extent to which the facilities available were being utilized in the production of the product. If this assumption were being carried over into higher education, then it would also be important to know the degree to which the physical facilities of the campus were being utilized toward the education of the students enrolled. Carrying the assumption further, it would seem fitting that a manager of an industry would need to evaluate the utilization of his facilities in order to arrive at some determination of his efficiency and, therefore, have some idea of possible economies in his operation.

About half of the presidents reporting regularly used infomation about classroom utilization either weekly or by the hour. More than three out of four, however, had some indication of the percentage of student station utilization. Nearly half used
some sort of space utilization formula or index to determine whether or not the facilities were being used to whatever might be their capacity.

More often, it seemed that state coordinating boards or governing boards assumed the responsibility of examining the utilization of the space and, therefore, determined to some extent the addition of new facilities. It seems important to the president, therefore, that the data be gathered and be forwarded to the appropriate persons responsible, either at the state level or the national level, and that only in particular instances was a president concerned with examining the utilization of his own facilities outside of the context developed through a state plan.

Faculty Load

In this category the president seemed most interested in the quantity of instruction done by the faculty. In other words, they were interested in the average instructional credit hour load and in the amount of other duties such as administrative duties and committee work the faculty did.

It seemed less important to the presidents to know how much research the faculty members were doing or the amount of outside
teaching, extension teaching, or what professional services they were performing. Most, however, indicated that they had Instructional quality evaluations, but only half indicated that they reviewed the results of these evaluations. Most did not respond when asked who did then in fact review them, if they did not. Fifty-four percent indicated that the evaluations were used for purposes of determining salary increases. Fifteen percent said they were not, and $31 \%$ did not respond. Faculty studies, according to this question, are most often conducted by the academic administration, with other various offices reported as responsible for this to a lesser degree.

## Summary of Data Sources

When asked how a president decides where to gather his information in making policy decisions, he responded in a number of ways. For example, when asked what information he used in making determinations about faculty load on the campus, in slightly more than one out of four cases he indicated that he took the recommendation of his academic officer. In almost one out of five cases, he indicated that this was determined for him by state formula. In almost one out of six cases, this was determined as a result of some type of faculty load studies prepared for this purpose.

When the presidents were asked how they received information in making curricular decisions, the most often mentioned source of data was from a faculty committee recommendation. Other sources of information were from the recommendation of the academic administration, departmental recommendation, analysis of research data, and from the recommendation of the Faculty Senate. Some indicated that curriculum was controlled by the state and in others that occupational demands required that certain decisions be made.

The presidents were queried about the source of their information in making decisions for additional instructional facilities or space. One out of four received this information and recommendation from the academic administration, such as the Vice President for Academic Affairs, Dean of Instruction, or some similar individual. Fifteen percent depended upon a state-wide planning formula, while almost one out of five actually used the space utilization data as it was collected. This is not to say that the recomendations of the other individuals which came to the president had not been the result of an examination of the space utilization data.

To a large extent, the decision to allocate faculty positions to various departments was made by the recommendation of the academic administration. However, $30 \%$ indicated that they made some use of faculty load studies in their decisions regarding this question.

After having reviewed the research data provided to them, the question was asked of the presidents whether or not they. communicate the results of this information to their faculty. In the area of budget information, $31 \%$ indicated that they regularly communicate the results of this information to the faculty, while over half indicated they did this occasionally. Eleven percent have not recently done this, at least within the last three years. Five percent did not indicate whether or not they did this at all.

Student studies were either regularly or occasionally distributed to the faculty. Only two respondents indicated that they had not done this recently, while $8 \%$ did not say.

The most frequently mentioned category of studies communicated to the faculty on a regular basis were those having to do with curriculum. Those having to do with faculty data were next in rank. Sixty-one percent regularly communicate data on curriculum to the faculty. Thirty percenc do this occasionally, while $4 \%$ have not done this recently. Forty-five percent regularly communicate information on faculty characteristics to the faculty, while $44 \%$ do this occasionally. A similar number of
presidents also report regularly on long-range plans for the institution, although a slightly larger percentage have not reported long-range plans.

A final question was asked the presidents, to determine their opinion about the real value of ongoing, studies as opposed to those - mpleted whenever a particular problem arises. Their comments, although extensive in some cases, could be divided into about three categories. In general, the responses indicated that it would depend upon the situation; however, twenty-one percent indicated that they generally prefer the regular ongoing studies. Twenty-three percent selected a particular study for a particular problem; while $33 \%$ indicated they preferred them both.

There cannot be found from this study a standard set or recommended pattern of behavior for administrators in gatherIng the necessary data prior to making a decision. Apparently, every president must find his own unique method in organizing information. No doubt every president is a product of his previous experience; and over a period of time by a combination of trial and error, he becomes familiar with techniques which work for him, gathering as he goes along suggestions for changing his behavior in order to improve his ability to function in his position.

It is also true that in addition to having no set patterns for data gathering, there is also no specific individual who has responsibility for reporting a particular function to the president. For example, those in charge of physical facilities or student affairs may only work in that area and at the same time may not have the responsibility for providing the president with definitive information about their work on a regular basis. Although many do have this responsibility, a surprisingly large number do not. It seems in these cases that the president must find methods of gathering these data for himself, sometimes in spite of the fact that his second level administrators have the information almost within their grasp.

A second important finding resulting from this survey was a reaffirmation of the often stated thesis that there is a great diversity in higher educational organization. Not only does a president have difficulty in finding data for his own decision making, the organizational structure to which these decisions are implemented are also extremely diverse. Each campus seems to be the result of an evolution that is distinctly unique for it and is influenced as it progresses along by those who come and go in faculty and administrative positions, while at the same time retaining a flavor of its uniqueness.

A third discovery in this study was that the responsibility of a president seems to center around a preoccupation with providing physical facilities and budgetary efficiency. He gathered information less often having to do with the ideas and feelings of the faculty and students. They were important professionally onily in those instances where they affected the physical. structure of the institution. Apparently, no regularly established structure existed in many cases for gathering these data. Perhaps this lack of structure precipitated the recent comments by Secretary of Health, Education, and Welfare Finch, "Higher education has become regid, encrusted, and has not been responsive. ${ }^{6} 6$

6 American Council on Education, Higher Education and National Affairs, The Council, Washington, D. C. XVIII:16, May 9, 1969: p.1.

There could also be considerable conjecture about the reasons for some presidents' apparent inability to grasp the meaning behind much of the recent campus turmoil which may relate to the insufficiency indicated above. The comments by James E. Allen, Jr., as he was sworn in as U. S. Commissioner of Education, are revealing and have close ties with the finding that presidents have no commonly existing structure for gathering student attitudes. Commissioner Allen said:

I think very definitely that, in many cases, as a matter of fact in most cases, what college and university presidents are trying to do is to understand the issues that are involved, the concerns that are expressed by the students, and come to grips with those, along with the efforts they are trying to make to deal with those that get out of hand or violate the law or violate university rules. ${ }^{7}$

It is possible that an existing structure for gathering data on student attitudes before the present crisis arose would have been helpful to curb some of the explosive nature of campus disorder.

Perhaps the preoccupation of the president for providing physical facilities and budgetary efficiency is good to some degree. It could possibly be, as some have contended, that the president's responsibility really is to provide and maintain a place for education to thrive, where others can satisfactorily do their work. If this is done well, then the questions involv-

7
Ibid., p. 1.
ing the educational processes working within these facilities can more properly be left to those whose principal responsibility is in this area. The question remains, however, that if the responsibility for educational process is not the major burden of the president and is in fact delegated to other individuals, will they also be responsive to the task of listening to the human needs of those involved within this structure?

Perhaps the president is a liaison officer, working between the academic institution on the one hand and the more external institutions on the other, such as the governing board which provides necessary support in order that the academic institution can thrive. This accounts to some degree for his preoccupation with physical and financial matters. Because it has generally been true that the role of the governing board is to provide the facilities and general framework for the Institution, and because it is generally accepted that the board should not normally engage in questions other than those dealing with general policies, the administration of the institution has been delegated to those actually working on the campus, specifically delegated through the president. Whoever then accepts the delegation of the task from the president for education the young people enrolled in institutions of higher education apparently must also develop the flexibility to adjust to the changing demands made upon colleges and universities in these changing times.

## RECOMMENDATIONS FOR FURTHER STUDY

The written report contained above is a very cursory analysis of the data available from the questionnaire returned. Additional study must be made, and is possible from the data already obtained, before further results can be determined, such as:

1. What size is an institution in its growth pattern before decision making patterns change?
2. Of the institutions who maintain a research office for gathering institutional data, what are the general responsibilities of this office as opposed to the regular reporting channels to the president?
3. What are the characteristics of the institutions whose presidents now gather data about student attitudes and behavior as opposed to those who do not?

## BIBLIOGRAPHY

## American Association of State Colleges and Universities, Memo to the President, Edited by Jane Otten, 9:5, April 23, 1969, 12.pp. <br> <br> American Council on Education, Higher Education and National <br> <br> American Council on Education, Higher Education and National Affairs, The Council, Washington, D. C., XVIII:16, Affairs, The Council, Washington, D. C., XVIII:16, May 9, 1969: 8pp. May 9, 1969: 8pp. <br> Committee on Policies and Purposes, One Out of Five, Association of State Colleges and Universities, Prepared by Dr. Joe Smith, 1967: 9 pp.

Jencks, Christopher and David Riesman, The Academic Revolution, Garden City, New York: Doubleday \& Company, 1968: 580 pp .

Manasse, Fred C., "If Ford Were Run Like the Schools", Education Age, 5:4, March-April, 1969: pp 36-39.

APPENDIX
Appendix A

## Questionnaire Results

Title of Person Completing this Questionnaire:

| President | 98 | $73 \%$ |
| :--- | ---: | ---: |
| Assistant to President | 8 | $6 \%$ |
| Registrar | 1 | $1 \%$ |
| Institutional Research | 11 | $8 \%$ |
| Dean or Vice President | 4 | $3 \%$ |
| Other | 6 | $4 \%$ |
| No Response | 7 | $5 \%$ |

1. Head Count Enrollment of Your Institution:

| 1 to | 499 | 4 | $3 \%$ |
| ---: | ---: | ---: | ---: |
| 500 to | 999 | 3 | $2 \%$ |
| 1000 to 1999 | 23 | $17 \%$ |  |
| 2000 to 2999 | 17 | $13 \%$ |  |
| 3000 to 3999 | 18 | $13 \%$ |  |
| 4000 to | 4999 | 17 | $13 \%$ |
| 5000 to | 5999 | 9 | $7 \%$ |
| 6000 to | 6999 | 7 | $5 \%$ |
| 7000 to 7999 | 8 | $6 \%$ |  |
| 8000 to 8999 | 4 | $3 \%$ |  |
| 9000 to 9999 | 7 | $5 \%$ |  |
| 10000 to 14999 | 11 | $8 \%$ |  |
| 15000 to 19999 | 3 | $2 \%$ |  |
| 20000 or 0 ver | 4 | $3 \%$ |  |

2. Level of Degrees Offered:

| B.S. | 26 | $19 \%$ |
| :--- | ---: | ---: |
| M.S. | 77 | $57 \%$ |
| Specialist | 22 | $16 \%$ |
| Ed.D. or Ph.D. | 10 | $8 \%$ |

3. Do you have a Central Institutional Research Office at your School?

| Yes | 76 | $56 \%$ |
| :--- | :--- | :--- |
| No | 59 | $44 \%$ |

In what Year was it established?

| 1935 |  | 2 |
| :--- | ---: | ---: |
| 1957 |  | $3 \%$ |
| 1960 | $\cdots$ | 1 |
| 1961 |  | 1 |
| 1962 | 5 | $1 \%$ |
| 1963 | 3 | $1 \%$ |
| 1964 | 3 | $6 \%$ |
| 1965 |  | 12 |
| 1966 | 15 | $4 \%$ |
| 1967 |  | 15 |
| 1968 |  | $20 \%$ |
| 1969 |  | $20 \%$ |
| None |  | 14 |

4. Indicate what office has responsibility in the following areas:
A. Student Studies:

| Research Office | 49 | $36 \%$ |
| :--- | :--- | :--- |
| Dean of Students   <br> (Student Services) 35 $26 \%$ <br> Other 25 $19 \%$ <br> No Response 26 $19 \%$ $\quad 2$ |  |  |

B. Budget Analysis:

Research Office . 16 26\%
Business Office 72 53\%
Other 12
9\%
No Response 35 26\%
C. Curriculum Analysis:

$$
\text { Research Office } 25 \quad 19 \%
$$

Dean of College, Academic
Dean or Academic V.P. 58
43\%
Other 19
14\%
No Response 33
24\%
D. Faculty Characteristics Analysis:

Research Office $4836 \%$
Dean of College, Academic
Dean or Academic V.P.
39
$29 \%$
Other 11
No Response 27
8\%
$27 \%$
E. Computer Center or Central Data Systems:

Research Office 18 13\%
Computer Center, etc. 31 23\%
Other 34
25\%
No Response 52
$39 \%$
F. Long-Range Planning:

| Research Office | 36 | $27 \%$ |
| :--- | :--- | :--- |
| President | 25 | $19 \%$ |
| Vice President for Planning | 17 | $13 \%$ |
| Other | 28 | $21 \%$ |
| No Response | 29 | $22 \%$ |

G. Space Utilization Analysis:

| Research Office | 43 | $32 \%$ |
| :--- | ---: | ---: |
| Academic Dean or Academic |  |  |
| $\quad$ Vice President | 18 | $13 \%$ |
| President | 3 | $2 \%$ |
| Budget Office |  |  |
| (Business Office) | 11 | $8 \%$ |
| Other | 32 | $24 \%$ |
| No Response | 28 | $21 \%$ |

## H. Federal Programs:

| Research Office | 36 | $27 \%$ |
| :--- | ---: | ---: |
| Vice President for Planning | 23 | $17 \%$ |
| President | 3 | $2 \%$ |
| Other | 36 | $27 \%$ |
| No Response | 37 | $27 \%$ |

5. Which of the following categories are studies completed regularly to be reviewed by you and in which categories are they prepared simply because of some outside request:
A. Student Studies:

| Prepared for Your Review | 115 | $85 \%$ |
| :--- | ---: | ---: |
| Prepared for Your State |  |  |
| $\quad$ Coordinating Board | 69 | $51 \%$ |
| Prepared for U. S. Office |  |  |
| $\quad$ of Education | 69 | $51 \%$ |
| Other | 15 | $11 \%$ |
| No Response | 5 | $4 \%$ |

B. Budget Analysis:

$$
\text { Prepared for Your Review } 111 \quad 82 \%
$$

Prepared for Your State
Coordinating Board 97
$72 \%$
Prepared for U. S. Office
of Education 31
23\%
Other 14 10\%
No Response 7
C. Curriculum Analysis:

Prepared for Your Review 106 . $79 \%$
Prepared for Your State
Coordinating Board 63 47\%
Prepared for U. S. Office
of Education 12 9\%
Other $1310 \%$
No Response 14 10\%

## D. Faculty Characteristics:

| Prepared for Your Review <br> Prepared for Your State | 96 | $71 \%$ |
| :--- | :--- | :--- |
| Coordinating Board | 45 | $33 \%$ |
| Prepared for U.S. Office |  |  |
| of Education | 27 | $20 \%$ |
| Other | 18 | $13 \%$ |
| No Response | 27 | $20 \%$ |

E. Institutional Projections:

1. Enrollment:

Prepared for Your Review 118 87\%
Prepared for Your State Coordinating Board 116
$86 \%$
Prepared for U. S. Office of Education 60\%
Other 18 13\%
No Response 3 $2 \%$

## 2. Physical Plant:

| Prepared for Your Review | 111 | $82 \%$ |
| :--- | ---: | ---: |
| Prepared for Your State |  |  |
| $\quad$ Coordinating Board | 114 | $84 \%$ |
| Prepared for U. S. Office |  |  |
| $\quad$ of Education | 61 | $45 \%$ |
| Other | 18 | $13 \%$ |
| No Response | 4 | $3 \%$ |

3. Fiscal Projections:

Prepared for Your Review 113 84\%
Prepared for Your State Coordinating Board 102
$76 \%$
Prepared for U. S. Office
of Education
Other 18 13\%
No Response . 5 4\%
F. Space Utilization Analysis:

| Prepared for Your Review | 112 | $83 \%$ |
| :--- | ---: | ---: |
| Prepared for Your State |  |  |
| $\quad$ Coordinating Board | 113 | $84 \%$ |
| Prepared for U. S. Office |  |  |
| $\quad$ of Education | 47 | $35 \%$ |
| Other | 19 | $14 \%$ |
| No Response | 4 | $3 \%$ |

6. Do you use studies completed by your State Coordinating Board or other off-campus studies in addition to locally prepared studies?

| Yes | 113 | $84 \%$ |
| :--- | ---: | ---: |
| No | 7 | $5 \%$ |
| No Response | 15 | $11 \%$ |

If yes, with what do they deal?
A. Enrollment Projections:
$\begin{array}{lll}\text { Prepared by State Board } & 85 & 63 \% \\ \text { Other than State Board } & 27 & 20 \%\end{array}$
$\begin{array}{lll}\text { No Response. } 29 & 29\end{array}$
B. Budget Analysis

Prepared by State Board 66 49\%
Other than State Board 15 11\%
No Response . 52 39\%
C. Curriculum Analysis:

| Prepared by State Board | 40 | $30 \%$ |
| :--- | :--- | ---: |
| Other than State Board | 11 | $8 \%$ |
| No Response | 79 | $59 \%$ |

D. Faculty Salary Studies:

| Prepared by State Board | 78 | $58 \%$ |
| :--- | :--- | :--- |
| Other than State Board | 42 | $31 \%$ |
| No Response | 23 | $17 \%$ |

E. Faculty Characteristics Analysis:

| Prepared by State Board | 28 | $21 \%$ |
| :--- | :--- | :--- |
| Other than State Board | 23 | $17 \%$ |
| No Response | 81 | $60 \%$ |

F. Space Utilization Analysis:

| Prepared by State Board | 91 | $67 \%$ |
| :--- | :--- | :--- |
| Other than State Board | 24 | $18 \%$ |
| No Response | 25 | $19 \%$ |

Item I: Student Studies. Check the appropriate blank under each heading below after that type of data analysis with which you are familiar at your institution.

1. Campus Climate or Student Environmental Survey:

| Used Regularly by You | 31 | $23 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 38 | $28 \%$ |
| Used on Special Occasions | 47 | $35 \%$ |
| Available but Seldom Used | 4 | $3 \%$ |
| No Response | 20 | $15 \%$ |

2. Enrollment Analysis by:
A. Head Count:

| Used Regularly by You | 130 | $96 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 0 | $0 \%$ |
| Used on Special Occasions | 7 | $5 \%$ |
| Available but Seldom Used | 2 | $1 \%$ |
| No Response | 1 | $1 \%$ |

B. FTE:

Used Regularly by You Available but Seldom Used $1 \%$ No Response

8 6\%
C. Enrollment by Sex:

| Used Regularly by You | 98 | $73 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 1 | $1 \%$ |
| Used on Special Occasions | 21 | $16 \%$ |
| Available but Seldom Used | 8 | $6 \%$ |
| No Response | 9 | $7 \%$ |

D. Residence:

| Used Regularly by You | 108 | $80 \%$ |
| :--- | ---: | ---: |
| Not Avallable on Campus | 0 | $0 \%$ |
| Used on Special Occasions | 21 | $16 \%$ |
| Available but Seldom Used | 5 | $4 \%$ |
| No Response | 5 | $4 \%$ |

E. Department:

| Used Regularly by You | 97 | $72 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 2 | $1 \%$ |
| Used on Special Occasions | 22 | $16 \%$ |
| Available but Seldom Used | 8 | $6 \%$ |
| No Response | 8 | $6 \%$ |

F. Full-time or Part-time:

| Used Regularly by You | 114 | $84 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 0 | $0 \%$ |
| Used on Special Occasions | 13 | $10 \%$ |
| Available but Seldom Used | 5 | $4 \%$ |
| No Response | 5 | $4 \%$ |

G. Evening - Day:

| Used Regularly by You | 87 | $64 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 7 | $5 \%$ |
| Used on Special Occasions | 21 | $16 \%$ |
| Available but Seldom Used. | 10 | $7 \%$ |
| No Response | 14 | $10 \%$ |

H. First-time Enrollments:

| Used Regularly by You | 104 | $77 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 2 | $1 \%$ |
| Used on Special Occasions | 19 | $14 \%$ |
| Available but Seldom Used | 9 | $7 \%$ |
| No Response | 3 | $2 \%$ |

I. Transfers:

| Used Regularly by You | 105 | $78 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 0 | $0 \%$ |
| Used on Special Occasions | 21 | $16 \%$ |
| Available but Seldom Used | 7 | $5 \%$ |
| No Response | 3 | $2 \%$ |

J. Class Level

| Used Regularly by You | 103 | $76 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 1 | $1 \%$ |
| Used on Special Occasions | 17 | $13 \%$ |
| Available but Seldom Used | 10 | $7 \%$ |
| No Response | 5 | $4 \%$ |

K. Marital Status:

| Used Regularly by You | 68 | $50 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 5 | $4 \%$ |
| Used on Special Occasions | 30 | $22 \%$ |
| Available but Seldom Used | 25 | $19 \%$ |
| No Response | 8 | $6 \%$ |

3. Scholastic Achievement and Progress Patterns:
A. Averages or Distributions of Standard Achievement
Scores:

| Used Regularly by You | 72 | $53 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 9 | $7 \%$ |
| Used on Special Occasions | 40 | $30 \%$ |
| Available but Seldom Used | 17 | $13 \%$ |
| No Response | 2 | $2 \%$ |


| B. Averages or Distributions of | High School Rank: |  |
| :--- | ---: | ---: |
| Used Regularly by You | 64 | $47 \%$ |
| Not Available on Campus | 9 | $7 \%$ |
| Used on Special Occasions | 41 | $30 \%$ |
| Available but Seldom Used | 22 | $16 \%$ |
| No Response | 5 | $4 \%$ |

C. Averages or Distributions of College Grades by:
(1) Major:

| Used Regularly by You | 49 | $36 \%$ |
| :--- | :--- | :--- |
| Not Available on Campus | 18 | $13 \%$ |
| Used on Special Occasions | 40 | $30 \%$ |
| Available but Seldom Used | 18 | $13 \%$ |
| No Response | 12 | $9 \%$ |

(2) Department:

Used Regularly by You 52 39\%
Not Available on Campus . 15 11\%
Used on Special Occasions 43 32\%
Available but Seldom Used 15 11\%
No Response . 11 8\%
(3) School or College:

Used Regularly by You $\quad 36 \quad 27 \%$
Not Available on Campus $16 \quad 12 \%$
Used on Special Occasions 37 27\%
Available but Seldom Used 18 13\%
No Response 29 22\%
(4) Total College:

| Used Regularly by You | 73 | $54 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 6 | $4 \%$ |
| Used on Special Occasions | 38 | $28 \%$ |
| Available but Seldom Used | 17 | $13 \%$. |
| No Response | 6 | $4 \%$ |

4. Student Evaluation of Instructors:
A. Student Initiated Evaluation of Faculty:

| Used Regularly by You | 17 | $13 \%$ |
| :--- | :--- | :--- |
| Not Available on Campus | 57 | $42 \%$ |
| Used on Special Occasions | 29 | $22 \%$ |
| Available but Seldom Used | 13 | $10 \%$ |
| No Response | 21 | $16 \%$ |

B. Institutionally Initiated Student Evaluations of Faculty:

| Used Regularly by You | 11 | $8 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 64 | $47 \%$ |
| Used on Special Occasions | 27 | $20 \%$ |
| Available but Seldom Used | 7 | $5 \%$ |
| No Response | 27 | $20 \%$ |

Are the Studies Dealing with Students Prepared by:

| Central office of Research | 51 | $28 \%$ |
| :--- | :--- | :--- |
| The Registrar | 96 | $71 \%$ |
| The Student Services | 80 | $59 \%$ |
| Other | 40 | $30 \%$ |

Item II: Budget Analysis. Check the appropriate blank under each heading below after that type of data analysis with which you are familiar at your institution:

1. Total Salaries of Faculty:
A. Average Salary:

| Used Regularly by You | 117 | $87 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 0 | $0 \%$ |
| Used on Special Occasions | 16 | $12 \%$ |
| Available but Seldom Used | 7 | $5 \%$ |
| No Response | -1 | $1 \%$ |

B. Fringe Benefits:

| Used Regularly by You | 104 | $77 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 0 | $0 \%$ |
| Used on Special Occasions | 22 | $16 \%$ |
| Available but Seldom Used | 7 | $5 \%$ |
| No Response | 8 | $6 \%$ |

C. Average Salary by Rank:

| Used Regularly by You | 116 | $86 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 0 | $0 \%$ |
| Used on Special Occasions | 15 | $11 \%$ |
| Available but Seldom Used | 8 | $6 \%$ |
| No Response | 1 | $1 \%$ |

D. Average Salary by Level of Academic Preparation:

| Used Regularly by You | 70 | $52 \%$ |
| :--- | :--- | ---: |
| Not Available on Campus | 18 | $13 \%$ |
| Used on Special Occasions | 22 | $16 \%$ |
| Available but Seldom Used | 17 | $13 \%$ |
| No Response | 12 | $9 \%$ |

2. Total Income from Tuition and Fees:

| Used Regularly by You | 106 | $79 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 1 | $1 \%$ |
| Used on Special Occasions | 15 | $11 \%$ |
| Available but Seldom Used | 13 | $10 \%$ |
| No Response | 4 | $3 \%$ |

3. Total Operating Expenditures for Education and General Purposes:

| Used Regularly by You | 128 | $95 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 0 | $0 \%$ |
| Used on Special Occasions | 8 | $6 \%$ |
| Available but Seldom Used | 2 | $1 \%$ |
| No Response | $i$ | $1 \%$ |

4. Other Income for Education and General Purposes:

| Used Regularly by You | 115 | $85 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 1 | $1 \%$ |
| Used on Special Occasions | 10 | $7 \%$ |
| Available but Seldom Used | 5 | $4 \%$ |
| No Response | 7 | $5 \%$ |

5. Unit Cost Indices:

| Used Regularly by You | 63 | $47 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 26 | $19 \%$ |
| Used on Special Occasions | 25 | $19 \%$ |
| Available but Seldom Used | 6 | $4 \%$ |
| No Response | 17 | $13 \%$ |

Are the Fiscal Studies Completed by:

| A Budget Officer | 125 | $93 \%$ |
| :--- | ---: | ---: |
| Central Office of Research | 35 | $26 \%$ |
| Other | 20 | $15 \%$ |
| No Response | 1 | $1 \%$ |

Item III: Academic \& Curricular Analysis. Check the appropriate blank under each heading below after that type of data analysis with which you are familiar at your institution:

1. Transcript Analysis:
A. Students completing all Course Work at Your Institution:

| Used Regularly by You | 43 | $32 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 17 | $13 \%$ |
| Used on Special Occasions | 37 | $27 \%$ |
| Available but Saldom Used | 35 | $26 \%$ |
| No Response | 5 | $4 \%$ |

B. Transfers Completing Degrees:

| Used Regularly by You | 24 | $18 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 20 | $15 \%$ |
| Used on Special Occasions | 49 | $36 \%$ |
| Available but Seldom Used | 37 | $27 \%$ |
| No Response | 7 | $5 \%$ |

C. Total Completing Degrees:

| Used Regularly by You | 103 | $76 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 4 | $3 \%$ |
| Used on Special Occasions | 17 | $13 \%$ |
| Available but Seldom Used | 12 | $9 \%$ |
| No Response | 3 | $2 \%$ |

D. Number of $B S, M S, \& P h D:$

| Used Regularly by You | 106 | $79 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 2 | $1 \%$ |
| Used on Special Occasions | 22 | $16 \%$ |
| Available but Seldom Used | 5 | $4 \%$ |
| No Response | 3 | $2 \%$ |

E. Number of Degrees by Department:

| Used Regularly by You | 75 | $56 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 5 | $4 \%$ |
| Used on Special Occasions | 32 | $24 \%$ |
| Available but Seldom Used | 22 | $16 \%$ |
| No Response | 4 | $3 \%$ |

F. Students Taking All Requirements:
Used Regularly by You 30 22\%

Not Available on Campus $21 \quad 16 \%$
Used on Special Occasions 39 29\%
Available but Seldom Used 35 26\%
G. Waiving Some Required Courses:

| Used Regularly by You | 10 | $7 \%$ |
| :--- | :--- | ---: |

Not Available on Campus 34 25\%
Used on Special Occasions 27 27\% Available but. Seldom Used $4030 \%$ No Response 14 10\%
H. Substituting Other Courses:

Used Regularly by You 13 10\%
Not Available on Campus 33 24\%
Used on Special Occasions 36 27\% Available but Seldom Used 38 28\% No Response 15 11\%
I. Terms Attended to Achieve Graduation:

| Used Regularly by You | 25 | $19 \%$ |
| :--- | :--- | :--- |
| Not Available on Campus | 26 | $19 \%$ |
| Used on Special Occasions | 36 | $27 \%$ |
| Available but Seldom Used | 40 | $30 \%$ |

## J. Repetition of Courses:

Used Regularly by You $14 \quad 10 \%$
Not Available on Campus 31 23\%
Used on Special Occasions 39 29\%
Available but Seldom Used 38 28\%
No Response 13
10\%
K. Probation:

| Used Regularly by You | 68 | $50 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 5 | $4 \%$ |
| Used on Special Occasions | 38 | $28 \%$ |
| Available but Seldom Used | 23 | $17 \%$ |
| No Response | 4 | $3 \%$ |

I. Withdrawals:

| Used Regularly by You | 56 | $41 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 5 | $4 \%$ |
| Used on Special Occasions | 41 | $30 \%$ |
| Available but Seldom Used | 27 | $20 \%$ |
| No Response | 6 | $4 \%$ |

2. Student Clock Hours Taught:

| Used Regularly by You | 81 | $60 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 8 | $6 \%$ |
| Used on Special Occasions | 32 | $24 \%$ |
| Available but Seldom Used | 11 | $8 \%$ |
| No Response | 6 | $4 \%$ |

3. Student Credit Hours Taught:

| Used Regularly by You | 97 | $72 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 3 | $2 \%$ |
| Used on Special Occasions | 29 | $22 \%$ |
| Available but Seldum Used | 8 | $6 \%$ |
| No Response | 1 | $1 \%$ |

## 4. Classes Taken Most Frequently (Or Least Frequently):

| Used Regularly by You | 34 | $25 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 24 | $18 \%$ |
| Used on Special Occasions | 39 | $29 \%$ |
| Available but Seldom Used | 28 | $21 \%$ |
| No Response | 11 | $8 \%$ |

Are the Academic and Curricular Analysis Studies Conducted by:

| Research Officer | 27 | $27 \%$ |
| :--- | ---: | ---: |
| Academic Vice President |  |  |
| $\quad$ (or equivalent) | 89 | $66 \%$ |
| Registrar | 83 | $61 \%$ |
| Other | 25 | $19 \%$ |
| No Response | 3 | $2 \%$ |

Item IV: Space Utilization Analysis. Check the appropriate blank under each heading below after that type of data analysis with which you are familiar at your institution:

1. Utilization Measurements:
A. Percent of Classroom Weekly Utilization:

| Used Regularly by You | 68 | $50 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 7 | $5 \%$ |
| Used on Special Occasions | 54 | $40 \%$ |
| Available but Seldom Used | 9 | $7 \%$ |
| No Response | 2 | $1 \%$ |

B. Percent of Classroom Hourly Utilization:

| Used Regularly by You | 67 | $50 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 8 | $6 \%$ |
| Used on Special Occasions | 52 | $39 \%$ |
| Avallable but Seldom Used | 10 | $7 \%$ |
| No Response | 3 | $2 \%$ |

## C. Percent of Student Station Utilization:

| Used Regularly by You | 65 | $48 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 9 | $7 \%$ |
| Used on Special Occasions | 51 | $38 \%$ |
| Available but Seldom Used | 13 | $10 \%$ |
| No Response | 3 | $2 \%$ |

D. Space Utilization Index:

Used Regularly by You 57 42\%
Not Available on Campus 18 13\%
Used on Special Occasions 49 36\%
Available but Seldom Used $10 \quad 7 \%$
No Response 6
4\%
E. Space Utilization Analysis by Department:

| Used Regularly by You | 49 | $36 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 18 | $13 \%$ |
| Used on Special Occasions | 48 | $36 \%$ |
| Available but Seldom Used | 14 | $10 \%$ |
| No Response | 10 | $7 \%$ |

2. Space Availability Measurements:
A. Total Gross Assignable Square Feet:

| Used Regularly by You | 68 | $50 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 5 | $4 \%$ |
| Used on Special Occasions | 47 | $35 \%$ |
| Available but Seldom Used | 17 | $13 \%$ |
| No Response | 1 | $1 \%$ |

B. Total Net. Assignable Square Feet:

| Used Regularly by You | 67 | $50 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 5 | $4 \%$ |
| Used on Special Occasions | 48 | $36 \%$ |
| Available but Seldom Used | 17 | $13 \%$ |
| No Response | 1 | $1 \%$ |

C. ${ }^{-}$Net Assignable Space by Department:

| Used Regularly by You | 50 | $37 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 15 | $11 \%$ |
| Used on Special Occasions | 48 | $36 \%$ |
| Available but Seldom Used | 16 | $12 \%$ |
| No Response | 8 | $6 \%$ |

D. Net Assignable Space by Function:

| Used Regularly by You | 57 | $42 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 8 | $6 \%$ |
| Used on Special Occasions | 45 | $33 \%$ |
| Available but Seldom Used | 22 | $16 \%$ |
| No Response | 5 | $4 \%$ |

By Whom are Your Space Utilization Analysis Studies Prepared?

| Research Office | 26 | $-19 \%$ |
| :--- | ---: | ---: |
| Facilities Program Coor. | 21 | $16 \%$ |
| Academic Vice President |  |  |
| $\quad$ (or equivalent) | 19 | $14 \%$ |
| Director of Physical Plant | 8 | $6 \%$ |
| Executive Vice President |  |  |
| $\quad$ (or equivalent) | 10 | $7 \%$ |
| Data Processing Office | 1 | $1 \%$ |
| Physical Facilities Comm. | 1 | $1 \%$ |
| Registrar | 8 | $6 \%$ |
| Business Manager | 9 | $7 \%$ |
| Admissions \& Records | 1 | $1 \%$ |
| Assistant to President | 9 | $7 \%$ |
| Personnel Director | 1 | $1 \%$ |
| Dean of Graduates | 1 | $1 \%$ |
| Dean of Students | 2 | $1 \%$ |
| Other | 3 | $2 \%$ |
| No Response | 15 | $11 \%$ |

Item V: Faculty Load Studies. Below are questions about insti"tutional data"that may be of use"to you. Check the appropriate blank after that cype of data analysis with -which you are familiar:

1. Faculty Activity:
A. What is the Average Instructional Credit Hour Load?

| Used Regularly by You | 109 | $81 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 3 | $2 \%$ |
| Used on Special Occasions | 23 | $17 \%$ |
| Availablé but Seldom Used | 3 | $2 \%$ | n : $\quad$ i

B. Who does How Much Departmental Research?

| Used Regularly by You | 41 | $30 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 32 | $24 \%$ |
| Used on Special Occasions | 36 | $27 \%$ |
| Available but Seldom Used | 17 | $13 \%$ |
| No Response | 9 | $7 \%$ |

C. What Faculty Have Administrative Duties?

Used Regularly by You 97 72\%
Not Available on Campus 4 3\%
世sed on Special Occasions 30 22\%
Available but Seldom Used 4 3\%
No Response 3 2\%
L:
E:
D. What Professional Services are Performed?

| F. |  |  |
| :--- | ---: | ---: |
| Wsed Regularly by You | 62 | $46 \%$ |
| Not Available on Campus | 16 | $12 \%$ |
| Used on Special Occasions | 41 | $30 \%$ |
| Apailable but Seldom Used | 13 | $10 \%$ |
| Ao Response | 5 | $4 \%$ |
| L. |  |  |
| De: |  |  |
| OU |  |  |
| O. Does Organized Research? |  |  |

E. Who Does Organized Research?
Used Regularly by You 54 40\%

Not Available on Campus $17 \quad 13 \%$
Used on Special Occasions 40 30\%
14\%
5\%
appro No Response
19
whic! :c:
F. Are Faculty Involved in Student Services?

| Used Regularly by You | 89 | $66 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 3 | $2 \%$ |
| Used on Special Occasions | 33 | $24 \%$ |
| Available but Seldom Used | 11 | $8 \%$ |
| No Response | 1 | $1 \%$ |

G. How Much Extension Teaching does your Faculty do?

| Used Regularly by You | 64 | $47 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 15 | $11 \%$ |
| Used on Special Occasions | 36 | $27 \%$ |
| Available but Seldom Used | 14 | $10 \%$ |
| No Response | 8 | $6 \%$ |

2. Differences in Faculty Load by Academic Rank:
A. What is the Average Credit Hour Production by Rank?

| Used Regularly by You | 39 | $29 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 44 | $33 \%$ |
| Used on Special Occasions | 21 | $16 \%$ |
| Available but Seldom Used | 26 | $19 \%$ |
| No Response | 6 | $4 \%$ |

B. What is the Student Credit Hour Load by Rank?

| Used Regularly by You | 37 | $27 \%$ |
| :--- | ---: | ---: |
| Not Available on Campus | 44 | $33 \%$ |
| Used on Special Occasions | 26 | $19 \%$ |
| Available but Seldom Used | 23 | $17 \%$ |
| Nc Response | 6 | $4 \%$ |

Do you have Instructional Quality Evaluations?

| Yes | 94 | $70 \%$ |
| :--- | ---: | ---: |
| No | 38 | $28 \%$ |
| No Response | 3 | $2 \%$ |

If yes, do you review the results of the se evaluations?

| Yes | 68 | $50 \%$ |
| :--- | :--- | :--- |
| No | 26 | $19 \%$ |
| No Response | 41 | $31 \%$ |

If not reviewed by you, by whom are they reviewed?

| Review Committees | 8 | $6 \%$ |
| :--- | ---: | ---: |
| Administration | 37 | $27 \%$ |
| Students | 2. | $1 \%$ |
| Faculty | 3 | $2 \%$ |
| No Response | 85 | $63 \%$ |

Are the evaluations reviewed for purposes of determining salary increases?

| Yes | 73 | $54 \%$ |
| :--- | :--- | :--- |
| No | 20 | $15 \%$ |
| No Response | 42 | $31 \%$ |

By Whom are your Faculty Studies conducted?

| Academic Administration | 81 | $60 \%$ |
| :--- | ---: | ---: |
| Committees - Faculty | 10 | $7 \%$ |
| Research Office | 13 | $9 \%$ |
| Executive Administration | 5 | $4 \%$ |
| Students | 2 | $1 \%$ |
| Others | 4 | $3 \%$ |
| No Response | 20 | $15 \%$ |

How do you decide, or, what studies do you generally use, in making policy decisions about:

1. Faculty Load:

| Recom. of Administration | 37 | $27 \%$ |
| :--- | :---: | :---: |
| State Formula, Board of | $\cdot$ |  |
| $\quad$ Trustees, etc. | 25 | $19 \%$ |
| Faculty Load Studies | 22 | $16 \%$ |
| Other | 31 | $23 \%$ |
| No Response | 20 | $15 \%$ |

2. Changes in Curriculum:

| Recom. of Administration | 25 | $19 \%$ |
| :--- | ---: | ---: |
| Demands of Career World | 7 | $5 \%$ |
| Committee recommendations | 52 | $39 \%$ |
| Department recommendations | 8 | $6 \%$ |
| Analysis of Research Data | 18 | $13 \%$ |
| State Control | 8 | $6 \%$ |
| Faculty Senate | 6 | $4 \%$ |
| Other | 7 | $5 \%$ |

3. Adding Additional Instructional Space:

| Faculty recommendations <br> (VPAA, Deans, Committees) | 33 |  |
| :--- | :--- | ---: |
| Executive Administration | 14 | $25 \%$ |
| Research Office or Space |  |  |
| $\quad$ Office | 12 | $9 \%$ |
| Statewide Planning Formula | 20 | $15 \%$ |
| Space Analysis Data | 26 | $19 \%$ |
| Other | 12 | $9 \%$ |
| No Response | 18 | $13 \%$ |

4. Allocating Faculty Positions to Various Departments:

Recom. of Administration $59 \quad 44 \%$
State Formula, Board of
Trustees Formula, etc. 60
Faculty Load Studies $\quad 40$ 30\%
Other
11\%
$\begin{array}{lll}\text { No Response } & 15 & 11 \%\end{array}$
5. Do you communicate the results of research reports to your general faculty regarding:
A. Budget Studies:

| Regularly | 42 | $31 \%$ |
| :--- | ---: | ---: |
| Occasionally | 71 | $53 \%$ |
| Not Recently | 15 | $11 \%$ |
| No Response | 7 | $5 \%$ |

B. Student Studies:

| Regularly | 59 | $44 \%$ |
| :--- | ---: | ---: |
| Occasionally | 64 | $47 \%$ |
| Not Recently | 2 | $1 \%$ |
| No Response | 10 | $8 \%$ |

C. Curriculum Studies:

| Regularly | 82 | $61 \%$ |
| :--- | ---: | ---: |
| Occasionally | 41 | $30 \%$ |
| Not Recently | 5 | $4 \%$ |
| No Response | 7 | $5 \%$ |

D. Faculty Studies:

| Regularly | 61 | $45 \%$ |
| :--- | ---: | ---: |
| Occasionally | 59 | $44 \%$ |
| Not Recently | 5 | $4 \%$ |
| No Response | 10 | $7 \%$ |

E. Long-Range Studies:

| Regularly | 61 | $45 \%$ |
| :--- | ---: | ---: |
| Occasionally | 56 | $42 \%$ |
| Not Recently | 8 | $6 \%$ |
| No Response | 10 | $7 \%$ |

Do you really find regular ongoing studies very helpful, or do you generally request a particular study for a particular problem?

| Ongoing Studies | 29 | $21 \%$ |
| :--- | ---: | ---: |
| Particular Study | 31 | $23 \%$ |
| Both | 45 | $33 \%$ |
| Other | 9 | $7 \%$ |
| No Response | 21 | $16 \%$ |

# Kansas State College of Pittseuig - Pittisuung, Kansas 

## OFFICE OF

THE PRESIDENT
March 10, 1969

My Fellow Presidents: (to paraphrase LBJ!)
I never thought $I$ would contribute to the burden of my colleagues by asking that a questionnaire be completed. Especially I did not think I would take advantage of the fact that you elected me President of AASCU to urge you to complete and return the questionnaire "at your earliest convenience". (To use the popular euphemism meaning the day before yesterday). But here goes.

The questionnaire enclosed herewith was prepared by Dr. Wesley J. Sandiness, Director of Institutional Research at Kansas State College of Pittsburg, and this year an Administrative Fellow selected for the program of the American Council on Education. As a Fellow in the American Council program, Dr. Sandiness has to prepare a research paper. I posed the question to him that is now the subject of his inquiry. That question is: "What kinds of information do college Presidents find most useful in making administrative decisions?"

The questionnaire is not simple. It will take at least a half hour of your time. And it will require some thought. (And before you say it, let me say it: Maybe the whole idea is of doubtful value.) None the less I solicit your help. Would you please complete and return the questionnaire as soon as possible - but certainly not later than April 1.

If anything comes of this project I will see that you get a copy of the report or article or whatever - Free.

Thank you very much.


GFB: As
P.S. This project has been cleared with the Committee on Studies of AASCU.



[^0]:    3
    Christopher Jencks \& David Riesman, The Academic Revolution, Garden City, New York: Doubleday \& Company, 1968: p.1.

