DOCUMENT PESUME

ED 299 879	HE 021 768
AUTHOR TITLE	Wittstruck, John R.; Bragg, Stephen M. Focus on Price: Trends in Public Higher Education Tuition and State Support.
INSTITUTION	State Higher Education Executive Officers Association.
PUB DATE	Jul 88
NOTE	123p.; For related documents, see HE 021 760 and HE 021 765-767. Some tables may not reproduce well due to small print.
AVAILABLE FROM	State Higher Education Executive Officers, 1860 Lincoln Street, Suite 310, Denver, CO 80295 (\$15.00).
PUB TYPE	Reports - Research/Technical (143) Statistical Data (110)
EDRS PRICE	MF01/PC05 Plus Postage.
DESCRIPTORS	*Cost Indexes; *Economic Change; Fees; Higher Education; Income; *Public Colleges; Public Opinion; Public Policy; Resource Allocation; *State Aid; *Student Costs; Trend Analysis; *Tuition
IDENTIFIERS	Consumer Price Index; Disposable Income; *Higher Education Price Index

ABSTRACT

A study examining recent trends in tuition and required fees at public colleges and universities in relation to state support and related economic indicator. is summarized. The study addressed (1) the issues that historically have surrounded the price of public higher education; (2) the changes in tuition and required fees, state appropriations, the higher education price index, consumer price index, and per capita disposable income during the past two decades; and (3) how the changes in tuition and fers have compared to changes in relevant economic indicators. It is concluded that tuition and required fees have increased substantially in the last 15 years, but the income parents and students use to pay tuition has increased commensurately and state appropriations have also increased substantially. It is proposed that the economic recession of the early 1980s substantially changed the relationship between state support of public higher education and the tuition at public institutions, and that further movement in that direction is likely to result in even more obvious intervention by public policymakers. Five appendices and 40 tables/figures supplement the report. Contains 53 references. (MSE)

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FOCUS ON PRICE

Trends in Public Higher Education: Tuition and State Support

John R. Wittstruck Stephen M. Bragg

State Higher Education Executive Officers 1860 Lincoln Street, Suite 310 Denver, Colorado 80295

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July 1988

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FOREWORD

This monograph was commissioned by the SHEEO Committee on College Costs, chaired by Gordon K. Davies, Director of the State Council of Higher Education for Virginia.

The committee, created by 1987-88 SHEEO President Kerry Romesburg, responded to the heightened public concern about the rising cost (or, more precisely, price) of a college education. The committee set as its task to confront three important public policy questions facing the states: What factors affect the price paid by students for a college education? What factors affect the total cost of higher education, especially that portion borne by state taxpayers? And finally, how can states help insure that parents and students are able to pay the cost of going to college?

In addition to this monograph by John Wittstruck and Steve Bragg, the committee sponsored three other related activities: a 50-state survey of state finance and executive officers on tuition, student aid and cost issues; a paper by Denis Curry on tuition and student aid policy ("Tuition and Student Policies: What Role for SHEEOs?"); and a paper by Paul Brinkman, "The Cost of Providing Higher Education: A Conceptual Overview." All three are available from the SHEEO Office. The summary committee report will be available in August 1988.

I welcome your comments and reactions to these papers and reports.

James R. Mingle Executive Director State Higher Education Executive Officers



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ACKNOWLEDGEMENTS

This study used tuition and required fee data collected by the Washington Higher Education Coordinating Board through its annual survey of SHEEO agencies. State appropriation data were made available for the study by the Center for Higher Education at Illinois State University. These appropriation data are reported annually in the <u>Grapevine</u>. The authors would like to acknowledge the help they received from Jacquelin Johnson at the Washington Higher Education Coordinating Board and Gwen Pruyne, Illinois State University. Both were most responsive to our request for data and for providing them on updated, micro-computer diskettes.

We are especially appreciative of all the State Higher Education Finance Officers (SHEFOs) who, over the years, have completed the tuition and state appropriation survey reque.ts. Without their efforts, this study would have been far more difficult and less complete.

John R. Wittstruck Director SHEEQ/NCES Communication Network Stephen M. Bragg Associate Director, Academic Affairs Illinois Board of Higher Education



EXECUTIVE SUMMARY

In the last quarter century, the U.S. higher education system has grown to become a large, complex, and diverse enterprise. In the fall of 1987, an estimated 12.5 million students were enrolled in American public and private colleges and universities with 9.7 million students (77%) enrolled in the public sector (Center for Education Statistics 1987).

Financing such a vast enterprise is equally complex. Higher education revenue exceeded \$100 billion for the first time in fiscal year 1986. Nearly \$67 billion (65%) was revenue at public, four- and two-year colleges and universities. In fiscal 1986, four-year public institutions received 43% of their income from state and local governments and 14% from tuition while two-year colleges received 64% from state and local governments and 16% from tuition (National Center for Education Statistics 1988). The federal government also plays a major role in financing through student financial aid programs.

In recent years, the cost of operating such a vast system, the price of that system to students, and the costs to state and federal government have come under scrutiny (To 1987, O'Keefe 1987, Snyder and Galambos 1988). One dimension of the current criticism has focused on recent increases in tuition and fees, questioning whether or not they have been excessive.

The purpose of this paper is to examine recent trends in tuition and required fees at public colleges and universities in relation to state support and selected economic indicators: the higher education price index (HEPI), the consumer price index (CPI) and per capita disposable income (PCDI).

The study addresses three questions: (1) Historically, what issues have surrounded the price of public higher education? (2) What have been the changes in tuition and required fees, state appropriations, the higher education price index, consumer price index, and per capita disposable income during the past two decades? and (3) How have the changes in tuition and fees compared to changes in relevant economic indicators?

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(1) How much did resident undergraduate tuition and required fees increase in the last 15 years (1972-73 to 1987-88)?

- Public research universities increased their posted price from an average of \$549 to \$1,701, an increase of 210%. Increases were highest in the south, from \$459 to \$1,532, or 234%. The Northeast experienced the slowest rate of increase, 209% from an average of \$593 in 1972-73 to \$1,835 in 1987-88.
- Public regional state colleges and universities increased their tuition and required fees from an average of \$466 to \$1,380, or 196%. The largest increase occurred in the south, from \$398 to \$1,239, or 211%. The smallest increase was in the northeast, from \$606 to \$1,715, or 183%.
- Tuition and fees data for community colleges was unavailable prior to 1978-79. In the 10 years of available data, community college tuition and required fees increased 101% from an average of \$387 to \$780. The largest increase was in the south, from \$304 to \$661, 118%, but the lowest was in the north central region, \$509 to \$999, or 96%.

(2) How much did state appropriations increase in the last 15 years (1972-73 to 1987-

88)?

State support for public higher education and related activities increased from \$8.5 billion to \$34.0 billion, or 300%. Public higher education in the south experienced the largest gain in state support, 354%, from \$2.5 billion to \$11.3 billion. The north central states increased their support for public higher education the least, 232%, from \$2.4 billion to \$7.9 billion.

NOTE: For the study, tuition and required fees are the posted price, not the net price, for a year's schooling. The tuition and required fees used are the announced institutional price, not the price students pay for a year of collegiate study once student financial aid, tuition waivers, and discounts are included. State appropriations are the amounts states have approved in their budgets for higher education and related activities, and not the fiscal year expenditures.





(3) How much did resident undergraduate tuition and required fees at universities and regional state colleges and universities change over the 15-year period, 1972-73 to 1987-88? How much did HEPI, CPI and PCDI change?

- University tuition and fees increased 210%.
- Regional state colleges tuition and fees increased 196%.
- Higher Education Price Index (HEPI) increased 175%.
- Consumer Price Index (CPI) increased 172%.
- Per Capita Disposable Income (PCDI) increased 212%.

A Turning Point in the Early 1980s

The point-to-point comparisons above show that per capita disposable income is the only economic indicator that increased faster than tuition and fees over the 15-year period in question. Both HEPI and CPI increased at a slower rate than tuition between 1973 and 1988. However, average tuition and fee increases only began to outpace these economic indicators after 1982-83. Prior to that tuition and fee increases lagged behind both the CPI and HEPI.

Table 1 shows the annual percent increases in HEPI, CPI, PCDI, university tuition and fees, regional state college and university tuition and fees, and state appropriations for the period 1972-73 to 1987-88. Table 1 shows that the patterns of annual percent increases for these measures are similar -- sharp increases in early years followed by dramatic slowing in the rate of increase in later years. These indicators reflect the period of high inflation in the late 1970s and early 1980s followed by a sharp downturn in economic activity in 1981 and 1982.

This period of high inflation in the late 1970s and early 1980s was also associated with relatively high state and local appropriations. The economic downturn in 1982, however, reduced many states' tax revenues and, as a result, state and local appropriation

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increases in the following year were cut to about half what the increases had been in

previous years.

Table 1Annual Percent Increase in Per Capita Disposable Income (PCDI),the Consumer Price Index (CPI), the Higher Education Price Index (HEPI)Public University and State College Tuition, andTotal State Appropriation

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Year	PCDI	CPI	HEPI	University Tuition	College Tuition	State Appropriations
1973	7 4 4					50 a
1974	8.5	8.9	7.1	3.8	4.1	15.5
1975	9.0	11.2	8.5	4.0	3.7	11.5
1976	8.7	7.1	6.7	5.9	5.6	14.7
1977	9.0	5.8	6.5	7.8	5.6	10.2
1978	11.3	6.8	6.7	5.9	6.6	11.3
1979	10.3	9.3	7.7	5.6	5.4	10.0
1980	9.7	13.3	9.8	6.5	6.7	12.3
1981	9.7	11.6	10.7	9.2	7.1	9.9
1982	5.2	8.7	10.0	15.6	16.8	8.7
1983	6.5	4.3	6.3	11.7	12.0	5.2
1984	8.8	3.7	5.4	12.1	10.8	6.6
1985	5.5	3.9	6.8	7.5	7.4	11.2
1986	5.4	2.9	4.4	7.9	7.0	8.3
1987	4.4*	2.2	4.2	7.7	7.5	5.3
1988	6.4*	4.6*	4.0*	6.9	7.0	5.2
Sources:	Illinois Stat	ssociates of the University	of Washin ity, Center	, PCDI) gton, D.C. (HE for Higher Ed condary Educat	ucation (App	ropriations)

*Projected

Undergraduate Tuition and State Appropriations

A popular characterization of public institutions of higher education is that they are expenditure driven. That is, institutions first plan their academic, research and public service programs, then calculate needed resources, and then seek revenues to implement



their plans. State and local appropriations are primary sources of revenues in the public sector; tuition is secondary. If appropriation increases do not meet expectations, tuition is adjusted to compensate. For example, Colorado State University did not include a tuition hike with its 1988-89 budge but alerted its students that they may not escape a tuition increase. University officials indicated that it was too early to predict whether a tuition hike was needed because it "depends on how much of the requested \$9.6 million increase in state money will be approved by the legislature" (Rocky Mountain News, January 7, 1988). In Illinois, twice in the last five years, public institutions have instituted "mid-year" tuition increases after state appropriations fell far short of expectations.

While this oversimplifies a very complex and dynamic process, it does suggest that lower appropriation increases are associated with higher tuition increases and vice versa. Responses of state higher education finance and executive officers tend to confirm this relationship. The data presented in Appendix 1 show that, although states and regions differ, in general larger tuition increases are associated with lower state and local appropriation increases.

Tuition and Per Capita Disposable Income

Table 2 displays the cumulative percent increase in per capita disposable income (PCDI) and university and state college tuition and required fees for the period 1972-73 to 1987-88. This table shows that PCDI increased faster than tuition and required fees through 1982. From 1983 on, sharp increases in tuition, coupled with a slowing in the increase in PCDI, have resulted in average tuition and fees comprising approximately the same percentage of PCDI in 1988 as in 1973. In 1972-73 average university tuition and fees represented 12.3 percent of PCDI and in 1987-88 it represented 12.2%. In 1972-73, average state college tuition and fees represented 10.4% of PCDI and in 1987-88 represented 9.9%.

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Year	PCDI	University Tuition	State College Tuition
1973	0.0	0.0	0.0
1974	8.5	3.8	4.1
1975	18.3	8.0	7.9
1976	28.5	14.4	13.9
1 977	40.1	23.3	20.4
1978	55.9	30.6	28.3
1979	71.9	37.9	35.2
1980	88.6	46.8	44.2
1981	106.9	60.3	54.5
1982	117.7	85.2	80.5
1983	131.8	106.9	102.1
1984	152.1	132.1	124.0
1985	165.9	149.4	140.6
1986	180.4	169.0	157.5
1987	192.8	189.8	176.8
1988	211.5	209.8	196.1

Table 2 Cumulative Percent Increase in Per Capita Disposable Income, Average University and Regional State Colleges Tuition and Required Fees From 1972-73 to 1987-88

In Summary

Tuition and required fees have increased substantially in the last 15 years. But per capita disposable income, the income students and parents use to pay tuition, has increased commensurately. State appropriations also have increased substantially. This study shows that the economic recession of the early 1980s substantially changed the relationship between state support of public higher education and the posted price or tuition at public colleges and universities. It remains to be seen if the relationship which existed prior to the early 1980s, one where substantial increases in state support kept increases in tuition low, ever again emerges.



HISTORICAL ISSUES OF PRICE

The Past: Focus on Access

Following World War II, much of the debate regarding the pricing and financing of postsecondary education took place in the context of efforts to provide and expand access to traditionally unserved students. The federal government became a significant participant for the first time in postsecondary education financing with enactment of the Serviceman's Readjustment Act (GI Bill) in 1944. This legislation set a precedent for federal financing of student's cost of education through financial aid to the student.

In 1947, the President's Commission on Higher Education for Democracy expanded the scope of the debate on pricing, financing, and access in one of the first national statements of major consequence. The Commission called for tuition-free education for all youth through the first two years of college, financial aid for needy but competent students through the sophomore year, and lower tuition charges in upper-division, graduate and professional schools. The Commission also recommended the expansion of adult education, the elimination of barriers to equal access in higher education, the development of a community college system, and a rededication to general education.

The Soviet Union's launching of Sputnik in 1957 led Congress to enact the National Defense Education Act in 1958. The Act provided for federal funding of undergraduate student loans, graduate fellowships, institutions offering teacher education programs, and education in the sciences, mathematics and foreign languages (Levin 1978). While the overall goal of each of these programs was to expand access to postsecondary education, as a group they lacked coherence. The programs were implemented without benefit of a plan or policy for federal involvement in higher education (Babbidge and Rosenzweig 1962). It was an era when:



Each program was established to satisfy a real or imagined specific need with little or no reference to the effect of one program on other programs, on the general health and vitality of the institution, or on the traditional sources of funding. Each program rested on its own justifications, with a resultant topsy-like growth of an almost bewildering array of separate, specific categorical programs, supporting in their totality, almost everything connected with an institution of higher education except the institution itself (Stampen 1980, p. 5).

Expansion pressures in American postsecondary education necessitated a coherent national plan and policy for federal involvement in funding students and institutions. In 1965, Congress enacted the first omnibus legislation for higher education. The Higher Education Act of 1965 provided authorization for federal funding of activities at public and private colleges which were in the nation's interest, as well as student aid to promote access for low-income students. The authorized programs included federal aid for research, libraries, recruitment of disadvantaged students, educational facilities, developing colleges, community colleges, occupational education, and programs for improving undergraduate education. Student aid was provided through educational opportunity grants for low-income students, guaranteed student loans, work study and graduate fellowship grants.

While the 1965 Higher Education Act significantly reinforced the concept of publicly subsidized tuition through direct student financial aid, it did not settle the debate over the relative levels of tuition and student aid. This debate revolves around the relative merits of offering postsecondary education at low or no cost by subsidizing institutions or by charging higher tuition rates with compensation provided to needy students via financial aid.

The Low Tuition Argument

The low or no tuition argument assumes society as the primary benefactor of an educated citizenry, a benefit "external" to the individual (Bolton 1971). Thus, the full or a substantial portion of instructional costs should be financed by state and federal support of institutions. Proponents of this mode of financing access to postsecondary education suggest

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individuals should assume limited responsibility for financing their education (MacDonald 1977).

The low or no tuition approach to postsecondary education pricing and financing is closely aligned with positions advocating universal access. Such a policy enables students who may be fearful of failing in college or are hesitant or lack complete knowledge about sophisticated financial aid arrangements to enroll -- conditions that may be especially true of minorities. Low or no tuition also gives older and part-time students who previously were not eligible for student financial aid the chance to enroll, or reenroll (American Council on Education 1975).

Some economists argue against low tuition, claiming that low tuition (and its consequent high state support) subsidizes the higher consumption of postsecondary education by middle- and upper-income students compared to the rate of consumption by lower-income students. Such policies, critics claim, inappropriately re-distribute tax benefits (state support) to upper-income families from lower-income families who already pay a disproportionate share of regressive state taxes. Low tuition is also argued to be an inefficient method for financing higher education. Many students could afford to pay more than the existing low price at many public colleges and universities with little need of public subsidy (MacDonald 1977).

The High Tuition Argument

Proponents of high tuition, coupled with adequate student aid, would charge students a much higher proportion of instructional costs with smaller direct institutional subsidy from state or federal sources. Such advocates argue that the majority of the benefits of higher education accrue to individuals who should, therefore, finance a major part of it themselves. Government role and responsibility should be directed primarily to providing financial aid that is awarded directly to students (MacDonald 1977).

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A variation on the high tuition-high financial aid argument holds that higher education should be entirely financed by student loans where repayment would be based on students' future incomes (Zacharias 1967). In this plan, based on economic theories promoted by Milton Friedman (1963), all students would be eligible for such loans and repayment would be added to individuals' income taxes over their working lifetimes. Those who earned more would repay more of the full cost of their education and those who earned less would repay less. In this way, future high-income recipients would subsidie those who earned less by repaying more of the total cost of their education. Such a scheme would allow tuitions to rise sharply, and the revenue derived would cover a greater proportion of the total costs of providing higher education. Friedman's plan would price higher education at its full instructional cost and have it operate entirely without public subsidy. Similar plans have been revived in recent discussions by Reischauer (1988). The Rivlin Report (1969) recommended that federal aid consist entirely of grants and loans to students of low-income families. This plan would provide institutions with cost-of-education allowances in proportion to the number of low-income students they enrolled.

High tuition advocates argue that such policies, balanced by financial aid, are equitable to the needy, promote choice among institutions, remove burdensome regulations, and improve the quality of education through fair competition among institutions (Stampen 1980). This approach also provides a rationale for financing postsecondary education that different special interest groups can support. State governments often support the high tuition argument because tax dollars can be saved or reallocated without loss of educational services. Proponents in independent colleges and universities often support such an approach because it reduces the tuition gap between this sector and public institutions.

The Reports

The significance of the debates over postsecondary education pricing and financing strategies was underscored by the publication of no less than seven major reports in the

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early 1970s.¹ While each report focused on slightly different issues in relation to the price of American higher education, similar recommendations regarding pricing and financing were made. Among them was a recommendation by the Carnegie Commission (1973) that tuition at four-year public institutions be set at 33% of instructional costs. The Committee on Economic Development (1973) recommended tuition be even higher -- 50% of instructional costs at all types of institutions. Each report also recommended student aid for students from low-income families as the means of helping them finance the higher tuition levels. Higher tuition rates in the public sector were also recommended as the method for reducing the tuition gap between public institutions and private colleges and universities.

Empirical Research on Price

These national reports reinforced the concept of using pricing and financing policies as the principal method of providing access and choice in higher education. It is no surprise, then, that the majority of empirical research on price has focused on the relationship between tuition and enrollment. In the last fifteen years nearly thirty empirical studies have attempted to establish the relationship between tuition and enrollment.

Leslie and Brinkman (1987) provide an excellent comparison of 25 of these studies and attempt to standardize their approaches and generalize from their results. While the caveats are many, the authors do suggest that student price response coefficients (SPRC) in the range of -0.6 to -0.8 tend to encompass a large number of study results. That is, many studies suggest that a \$100 increase in tuition (in constant dollars) is most likely to result in an enrollment decrease of less than one percent.

5.11



¹<u>Report on Higher Education</u> (Newman 1971); <u>Higher Education: Who Pays? Who Benefits?</u> <u>Who Should Pay?</u> (Carnegie Commission on Higher Education 1973); <u>The Management and</u> <u>Financing of Colleges</u> (Committee on Economic Development 1973); <u>National Policy and</u> <u>Higher Education</u> (Newman 1973); <u>Financing Postsecondary Education in the United States</u> (National Commission on Financing Postsecondary Education 1973); <u>Policy Alternatives</u> <u>Toward Graduate Education</u> (National Board on Graduate Education 1974); and <u>Financing of</u> <u>Postsecondary Education with Special Reference to the Private Sector</u> (National Council on Independent Colleges and Universities 1974).

The policy implications of such low coefficients were quickly understood.

The consequence of a low tuition elasticity, from a policy perspective, works against public policy efforts to increase enrollment. A great proportional decrease in tuition is required to generate a given proportional increase in enrollment. It does work to the advantage of institutions when they may have to raise the tuition level to meet rising costs. A low elasticity assures them that an increase in tuition will not result in a drop in revenue even if some students decide to leave the institution. ...At the point at which elasticity exceeds one, an institution will lose revenue (Hyde 1977, p. 5).

Dramatic accounts of unsensitivity and even positive enrollment shifts in the face of tuition increases have appeared in recent years (Breneman 1988).

While such behavior seems isolated to a few highly selective institutions, it does signal the emergence of a new dimension in the debate on price, financing, and the role of higher education in today's society.

A Context for the Current Debate: Focus on Quality

The debates about public higher education price and financing throughout the 1960s and 1970s rarely questioned the value of higher education. In fact, as the previous section documented, the value of higher education, both to students and to society, was a basic premise put forth by most arguments. In recent years, however, the public debate has broadened to include a qualitative dimension. Questions about the quality of American higher education, coupled with sustained tuition increases over the past decade, have given rise to legitimate concerns about higher education's costs, the price charged to students (and therefore government via student financial aid programs), and the value of higher education's contributions. A number of national reports focused specifically on improving the quality of the educational experience, especially the undergraduate experience.²

²Most Notably <u>Involvement in Learning: Realizing the Potential of American Higher</u> <u>Education</u> (National Institute of Education 1984). Other reports on undergraduate education





At the states' level, the Education Commission of the States called for increased state attention to the quality of undergraduate education in its report <u>Transforming the State</u> <u>Role in Undergraduate Education</u> (1986). Mingle and Walker (1985) documented a variety of efforts designed to enhance the quality of public higher education and to promote a more central role in statewide economic development efforts. Programs to endow faculty chairs, to review undergraduate general education, to create "centers of excellence," and to develop formal business-university linkages are just a few of the special initiatives documented by state higher education officers.

Whether or not the current focus on quality and economic development represents a fundamental shift in priorities in higher education or an episode in a cyclical pattern of issues remains to be seen. Hansen and Stampen (1987) have argued that issues of access and choice have alternated in priority with issues of quality in cycles over the last forty years. They suggest that:

1. There seem to be cycles in the resources devoted to the pursuit of the goals of quality and access. Measures of quality moved almost identically with measures of access -- as one increased the other decreased and vice versa.

2. The data show the heavy emphasis on access in the late 1940s which gradually diminished with the rising focus on quality in the late 1950s and early 1960s. The trend then shifted to access beginning in the late 1960s and continued through the 1970s followed by a shift back to quality in the early 1980s.



²(continued)

include: <u>To Reclaim a Legacy</u> (Bennett 1984); <u>Integrity in the College Curriculum</u> (Association of American Colleges 1985); <u>Access to Quality Undergraduate Education</u> (Southern Regional Education Board 1985); <u>Time for Results:</u> The Governors' 1991 Report on Education (National Governors' Association 1986); <u>Choosing Quality: Reducing Conflict</u> <u>Between the State and the University</u> (Newman 1987); <u>College: The Undergraduate</u> <u>Experience in America</u> (Boyer 1987); and <u>Results in Education: 1987</u> (National Governors' Association 1987).

On the basis of these findings they concluded:

First, there do seem to be alternating swings in the emphasis given to the goals of quality aand access. Second, a shift in public and institutional priorities seems to be underway, away from access and toward quality. Third, so far, the shift of interest toward quality is being financed largely by students through tuition increases and through institutionally provided financial aid rather than from traditional sources of support such as state and local taxpayers, and private donors (p. 3).

In testimony before the House Subcommittee on Postsecondary Education, Gordon Davies (1987) described Virginia's efforts to finance quality improvement and other programs such that the impact on tuition increases could be minimized.

Virginia has found some ways to provide for off-budget funding during the past several years. A Funds for Excellence Program, for example, has encouraged institutions to try new educational approaches, particularly curricular revisions, without mandating tuition increases as a result of the new state money provided. A debtfinanced, self-perpetuating equipment trust fund, unique among the states, helps institutions acquire instructional and research equipment on a regular basis without increasing tuition (p, 30).

The debate over price and quality is far from settled and a comprehensive examination of its scope and origin is beyond the purpose of this monograph. A major context for understanding the debate, however, is the economic climate that colleges and universities faced in the last decade and a half. The "roller-coaster" economic conditions of the mid-1970s and 1980s affected higher education in at least two ways that impinge on the price/cost debates. First, the transition from high inflation to severe recession subjected colleges and universities to substantial economic hardships not unlike those faced by other sectors of the American economy. Second, the conditions generated a significant increase in activities and programs designed to improve higher education's products and contribute more directly to the states' efforts to revitalize their economies. These activities and programs



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often increased the size and scope of institutions and were not without costs themselves, putting further pressure on already beleagured budgets.

Table 3 displays the annual percent increases in three pertinent economic indicators: per capita disposable income (PCDI), the Consumer Price Index (CPI), and the Higher Education Price Index (HEPI) for the period 1974 to 1988. Absolute values for each of these indicators are presented in Appendix 2.

The pattern of increases in these three indicators is similar: single-digit percent increases in the mid to late 1970s followed by double-digit increases in the late 1970s and early 1980s, and a substantial slowing of the rate of increases in the mid to late 1980s. These indicators reflect the period of high inflation in the early 1970s and again in the late 1970s and early 1980s, followed by a sharp downturn in the economy after 1981-82.

Comparing the three indicators themselves reveals an interesting pattern. Doubledigit increases were first exhibited in per capita disposable income in 1978 and 1979, followed by double-digit increases in the CPI two years later. The Higher Education Price Index increases were double-digit in 1981 and 1982 but never did hit the levels of PCDI or the CPI. At the same time, HEPI did not fall off as quickly or as far as did the CPI. Figure 1 graphs these annual percent changes in these indicators and makes the lagged increases easier to see.

Table 3 also displays the percent increases in resident undergraduate tuition. It public universities and at public four-year state colleges and in state and local appropriations for the same period. The pattern of increase in resident undergraduate tuition follows the pattern in the three economic indicators but again with about a one year lag in double-digit increases. The most notable feature about the pattern of tuition increases is the very low increases during the 1970s compared to those of the three economic indicators, followed by substantially higher increases in the early 1980s, and a gradual slowing in the mid to late 1980s that is still higher than the rates for the PCDI, the CPI and HEPI.

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Table 3 Annual Percent Increase in Per Capita Disposable Income (PCDI), the Consumer Price Index (CPI), the Higher Education Price Index (HEPI) Public University and State College Tuitic.., and Total State Appropriation

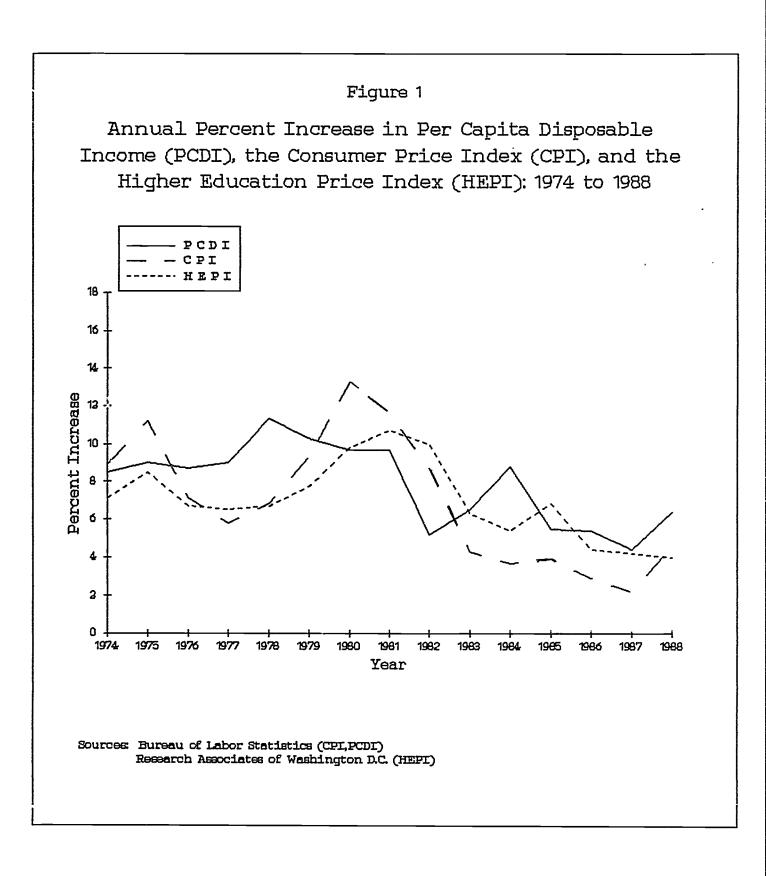
Year	PCDI	CPI	HEPI	University Tuition	College Tuition	State Appropriations
1973						
1974	8.5	8.9	7.1	3.8	4.1	15.5
1975	9.0	11.2	8.5	4.0	3.7	11.5
1976	8.7	7.1	6.7	5.9	5.6	14.7
1977	9.0	5.8	6.5	7.8	5.6	10.2
1978	11.3	6.8	6.7	5.9	6.6	11.3
1979	10.3	9.3	7.7	5.6	5.4	10.0
1980	9.7	13.3	9.8	6.5	6.7	12.3
1981	9.7	11.6	10.7	9.2	7.1	9.9
1982	5.2	8.7	10.0	15.6	16.8	8.7
1983	6.5	4.3	6.3	11.7	12.0	5.2
1984	8.8	3.7	5.4	12.1	10.8	6.6
1985	5.5	3.9	6.8	7.5	7.4	11.2
1986	5.4	2.9	4.4	7.9	7.0	8.3
1987	4.4*	2.2	4.2	7.7	7.5	5.3
1988	6.4*	4.6*	4.0*	6.9	7.0	5.2
Sources:	Illinois Stat	ssociates of the University of	of Washin ity, Center	, PCDI) gton, D.C. (HE r for Higher Ed condary Educat	ucation (App	ropriations)

*Projected

Recent History: Emerging Trends or Short-Term Memory

It is precisely this pattern of tuition increases which have been greater than these indices over the last six or seven years that has generated such intense debate about the price of higher education. Figure 2 displays the cumulative percent increases in resident undergraduate tuition at universities and state colleges and the cumulative percent increases







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in the CPI for the 1980s. As Figure 2 shows, undergraduate tuition increases have exceeded the CPI during this decade. Figure 3 compares the same tuition increases with the HEPI and shows the same pattern as Figure 2. A longer perspective on these comparisons, however, suggests that the overall pattern of increases between tuition and the CPI and HEPI are not that dissimilar. Figure 4 displays the cumulative percent increases in resident undergraduate tuition at public universities and at public state colleges compared to the cumulative percent increases in the CPI for the period 1973 to 1988. Figure 5 compares the same tuition increases with the HEPI. Both these figures show that tuition increases lagged behind the particular economic indicator until just the last two or three years when recent tuition increases caused the cumulative increase over the last decade and a half to surpass the CPI and HEPI.

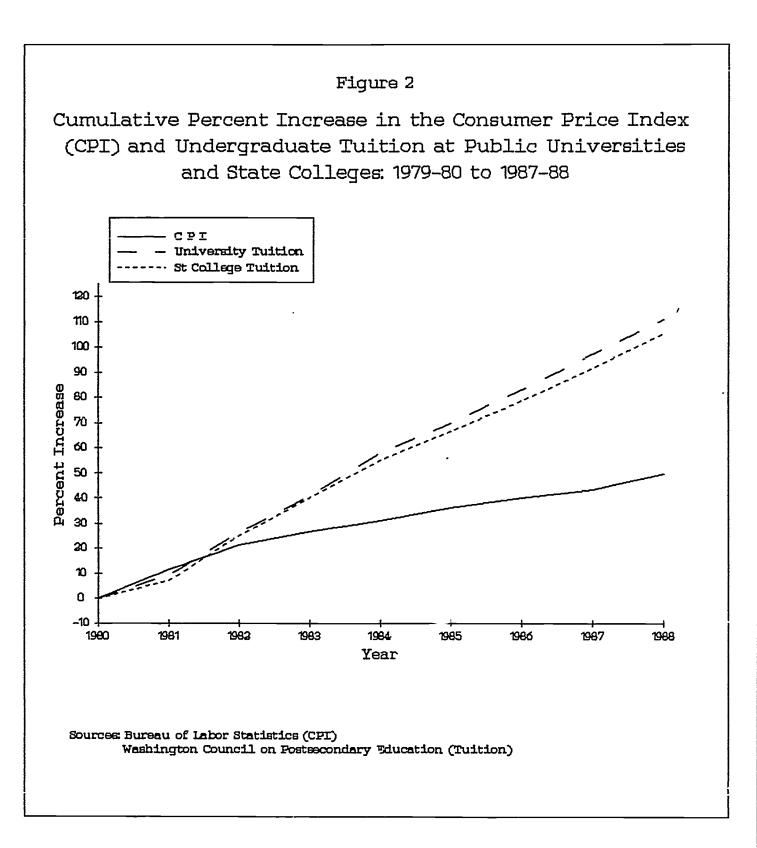
Whether or not recent tuition increases have brought tuition "back-in-line" with economic indicators as the longer time perspective suggests or whether they represent an emerging trend in higher prices for higher education is of little consequence to the students and the parents who are facing the bill and to the public policy makers who must answer questions about the prices charged today. To these individuals recent increases seem out of line with other current relevant economic indicators. To many, these increases are unpredictable and unjustified. One result has been an increase in calls for "rational" pricing policies.

"Rational" Pricing Policies

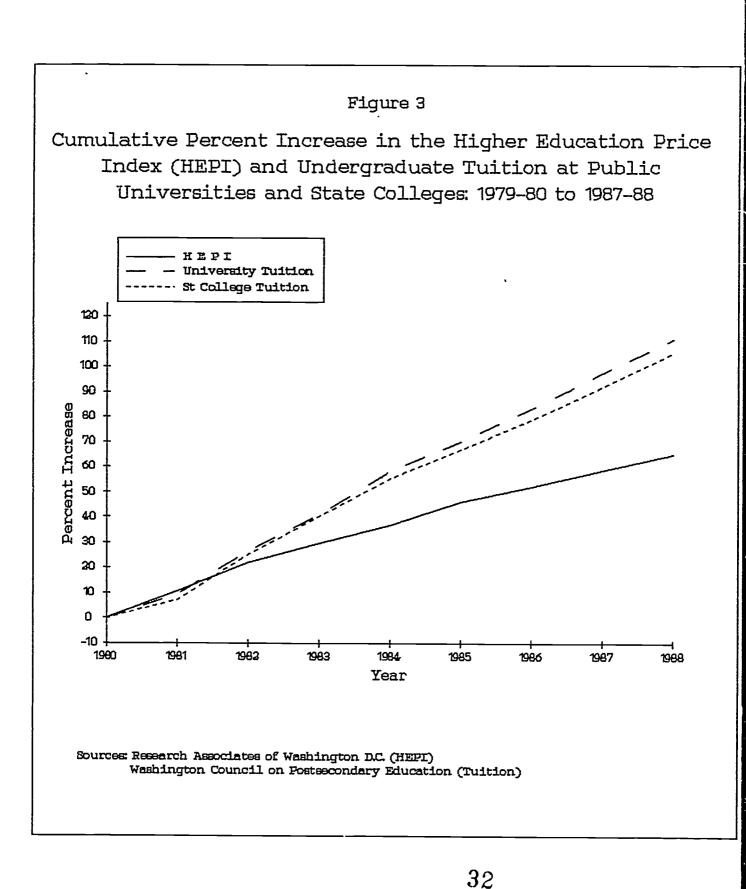
Beginning in the late 1970s there has been to movement toward indexing the price of higher education (tuition) to the actual cost of education or to an economic indicator like the CPI or HEPI. This development was in direct response to the patterns shown above and the need by states and institutions for some rational and defensible method for determining tuition rates. It was also an effort to establish some methodology for stabilizing the relationship between tuition rate setting and state support. A third reason

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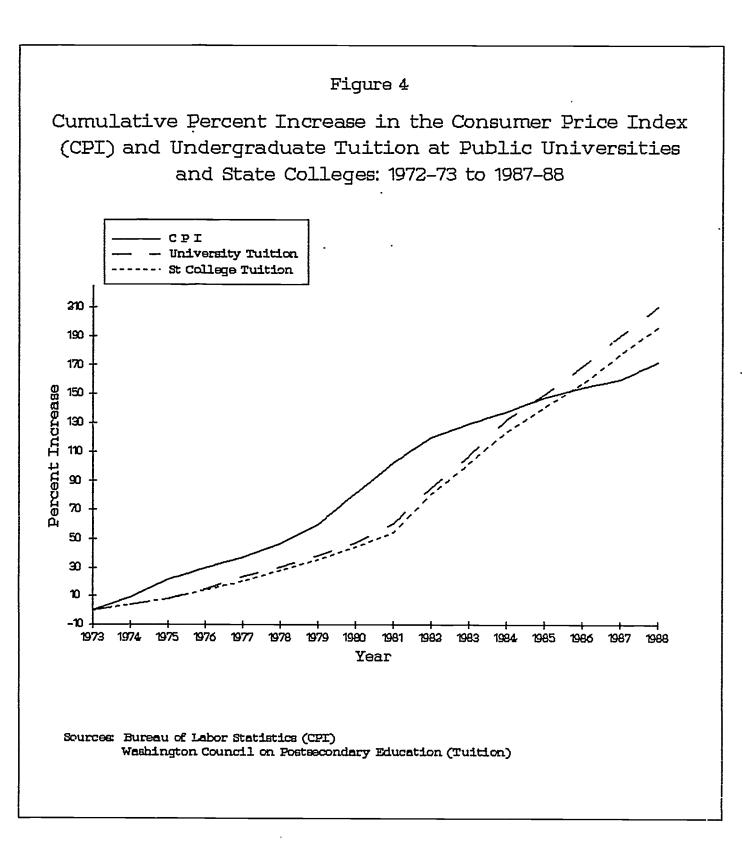




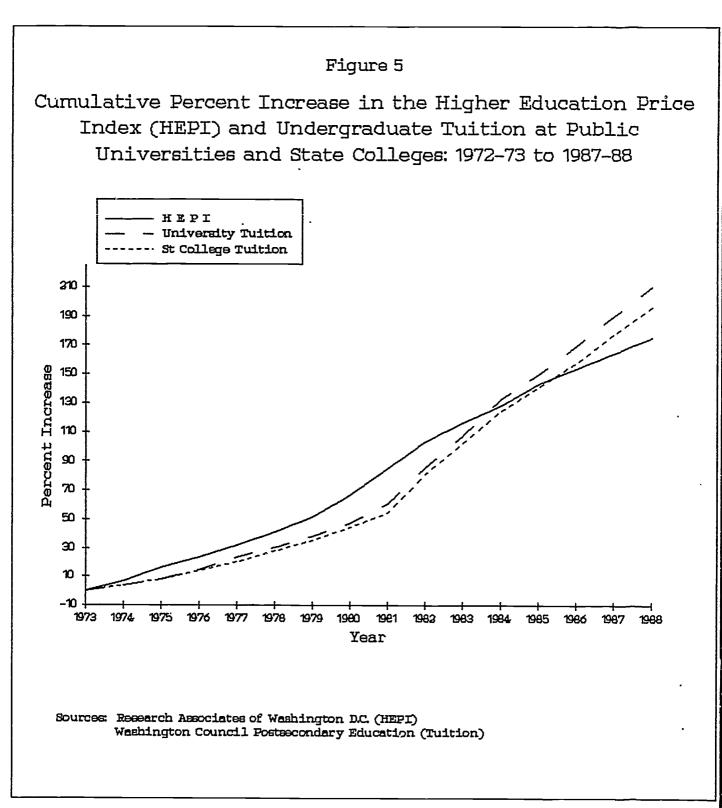














for the development of indexing tuition was a response to inequities and inconsistencies that existed in the price of higher education. Differences in tuition among types of institutions, among levels of instruction, between full- and part-time students, and between in-state and out-of-state students in some instances were indefensible (Mingle 1976).

In 1976, eight states were reported to have or were considering formulae for indexing tuition. Five states (Colorado, Florida, Kansas, Oregon and Wisconsin) were setting tuition as a percent of instructional cost. Virginia had a variation of the index being used in these five states. New York and Kentucky were considering indexing plans. The Florida Board of Regents was working toward a plan where tuition would represent 30% of average estimated instructional costs. Virginia schools were expected to raise 30% of their operating revenues from tuition (Mingle 1976).

Viehland, Krauth and Kaufman (1980) reported 20 states as having some established policy, or recommendations, for setting tuition rates. Three states reported having established policies without specific formulae while seventeen states reported policies with established formulae or indexing schemes. One state used the Higher Education Price Index (HEPI), one used the costs of instruction for nonresident students only, one state set charges at rates comparable to peer institutions, and 14 used the cost of education (nonresident tuition only in two of the 14). In 1980, 30 states were reported as having no established policy or indexing formula for setting tuition in the public sector.

By 1982, Lapovsky (1982) found that 22 states had statewide policies or guidelines for setting tuition for public institutions. States varied between having stated policies and having recommendations.

Marks (1987) reported that in 1980 two-thirds of the states nationwide and threefourths of the states in the South determined tuition in a historical pattern -- incrementally and "set to generate all or most of the difference between what the institution believed it



needed and what state governments appropriated" (page 13). In 1987, the number of states associated with the Southern Regional Education Board having implemented formal policies or mechanisms to determine tuition and fees had increased to half the states. Three mechanisms commonly reported by the states to index tuition were:

- 1. Tuition is set in relation to an external yardstick, such as the CPI or PCDI,
- 2. Tuition is set as a proportion of the costs of pr viding educational programs, or
- 3. Tuition is set in relation to a group of peer institutions (benchmarking) (Marks 1987).

In 1988, the State Higher Education Executive Officers surveyed state higher education finance officers (SHEFOs) with regard to tuition policies, costs, and student financial aid (Mingle 1988). That survey revealed that eight states (Connecticut, Florida, Georgia, Minnesota, New Jersey, Tennessee, Virginia and Wisconsin) have statutes that set expected tuition revenue as a specified percentage of instructional costs or general state appropriations. Four states (Arizona, California, Illinois and Washington) indicated that tuition and fee <u>rates</u> are established by statutes or rules as a specified percentage of perstudent costs or general state appropriations.

In another question, 14 states indicated that they used the CPI and 12 states indicated that they used HEPI either formally or informally in setting tuition levels.

Other investigations of state policies and recommendations for setting tuition rates in the public sector also show the increasing effort on the part of states to develop formal mechanisms for determining the price public institutions should charge (Curry 1988). Other reports are addressing issues related to what factors drive increasing costs for higher education (Brinkman 1988) and what state higher education executive officers believe are the major concerns states have about costs of higher education and how those costs might be contained (Mingle 1988).



Tuition and Per Capita Disposable Income (PCDI)

Interestingly, only seven state finance officers indicated in the 1988 SHEEO survey that personal income was considered in setting tuition, and none reported that it was the most important factor (Mingle 1988). The data reported in Table 3 (page 10), however, indicate that per capita disposable income (PCDI) increased faster than did average tuition rates during the 1970s. Figure 6 displays both resident undergraduate tuition at public universities and at public state colleges as a percent of PCDI. The figure shows that tuition in 1986 is actually a smaller percentage of per capita disposable income than it was in 1973.

Tuition and State Appropriation Increases

The preceeding sections have shown that tuition rates at public institutions follow general economic patterns over the long term; however, specific economic indicators are used primarily in an advisory manner in setting tuition. According to state higher education executive and finance officers, tuition levels at public institutions are more often associated with state and local appropriation levels than any other indicator (Mingle 1988). Executive officers in 26 states agreed strongly with the statement that tuition and fee rates in the public sector are driven primarily by the amount of state appropriations available in a given year. Thirteen executive officers indicated that increased state appropriations were occasionally or almost always used as a rationale for "holding the line" on tuition increases. Finance officers in 24 states reported that tuition and fee rates are established by institutional or system governing boards and are viewed "as the difference between institutional needs and state appropriations. Tuition rates are often established <u>after</u> receiving indications of the level of state support to be provided" (Mingle 1988, p. 6). Only 11 finance officers reported that tuition was set with little or no explicit consideration of state appropriations.



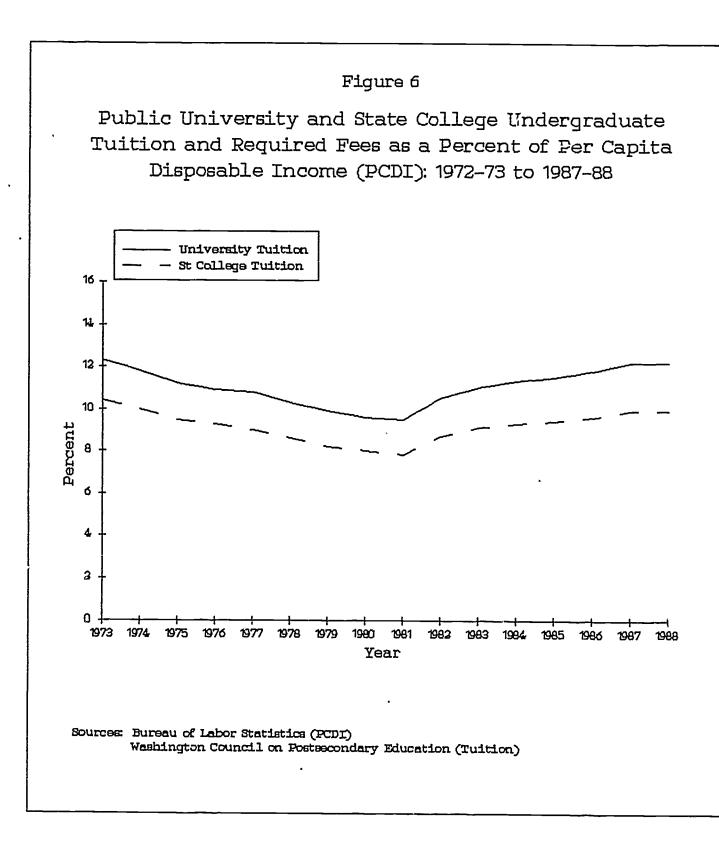




Table 3 (page 10) also displays the annual percent increases in state appropriations between 1974 and 1988 and documents the lag in tuition increases compared with increases in state and local appropriations. Rusk and Leslie (1977) succinctly described the short-term relationship between tuition and state appropriations.

> Tuition prices and price increases tend clearly to be higher where the state effort is insufficient to the financial obligations of the institutions. Indeed, of the manipulatable variables studied, adjusting state appropriations seems to be the major way to affect tuition levels. State policy makers should be made aware of this fact not only for the value of achieving desired outcomes, but also for the knowledge that appropriations shortfalls will raise tuition prices just as surely as if the prices had been raised by the legislature (p. 544).

Data analysis of tuition and state appropriation for this monograph shows (Appendix 1) the relationship that Rusk and Leslie described a decade earlier to still be true for the period 1977 to 1988. Increases in undergraduate resident tuition and required fees at public four-year institutions in 46 states were compared to increases in state appropriations for the years 1977 to 1986. On the average, the rate of increase in tuition was correlated -.25 with the rate of increase in state appropriations (i.e., higher increases in state appropriations were associated with lower increases in tuition and required fees). It should be pointed out, however, that this relationship is not uniform across states or regions of the country. In some states, no relationship between tuition increases and increases in state appropriations were found. In only one case, however, was a positive relationship found. That is, only one state exhibited that higher tuition increases were associated with higher state appropriation increases. The detailed tables in Appendix 1 provide results of these analyses.

Paged



REGIONAL TRENDS IN HIGHER EDUCATION PRICE AND STATE APPROPRIATIONS

Tuition and Required Fees in the Public Sector

The previous section discussed historical issues related to price and presented data on tuition and fees at public institutions nationally. This section presents historical trends in the posted price (i.e., tuition and required fees) for resident undergraduates in public higher education by sector and region. It describes trends in the price at major state and research universities, at the regional state colleges and universibies, and at community colleges (see Appendix 6 for the list of schools included in the study). The three institutional types are discussed separately because universities, regional state colleges and community colleges differ significantly in mission, role and scope. Trends in state appropriations and in other economic indicators in relationship to trends in tuition are described in subsequent sections.

Universities

Resident undergraduate tuition and required fees at states' universities increased from a national average in 1972-73 of \$549 to \$1,701 in 1987-88, an increase of nearly 210%. Both the average price and the cumulative percent change over this period varied by regions of the country. Table 4 displays these data and Figures 7 and 8 display the trend in average tuition by region and the cumulative percent change by region. Average tuition and required fees in 1972-73 were highest among public universities in the Northeast, which also had the second highest rate of increase among the four regions. The fastest rate of increase (233.8%) in average tuition and required fees was among public universities in the South which also had the lowest average prices in 1972-73. The rate of increase in the



West allowed public universities in this region to average the lowest tuition and required fees (\$1,302) in 1987-88.

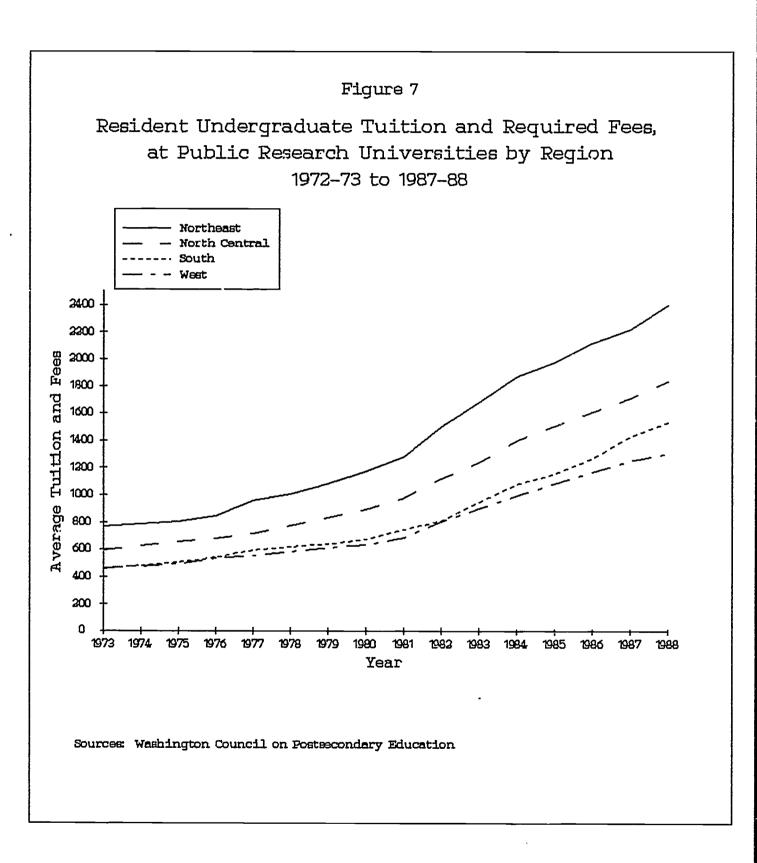
	Table 4Average Tuition and Required Fees at Public Universitiesin 1972-73 and 1987-88 by Region					
Region	1972-73	1987-88	Percent Change			
Northeast	\$770	\$2,400	211.7 %			
North Central	\$593 ·	\$1,835	209.4			
South	\$459	\$1,532	233.8			
West	\$466	\$1,302	179.4			
U.S. Average	\$549	\$1,701	209.8			

Despite these regional differences in average tuition and in rates of change, the most striking feature of Figures 7 and 8 are their similar patterns, especially with respect to the cumulative percent increase shown in Figure 8. All regions showed a slight acceleration in tuition increases in reaction o higher rates of increases in the economic indicators in the year or two preceeding. And all regions showed similar accelerated increases beginning in 1981-82 in reaction to the deep recession of the period.

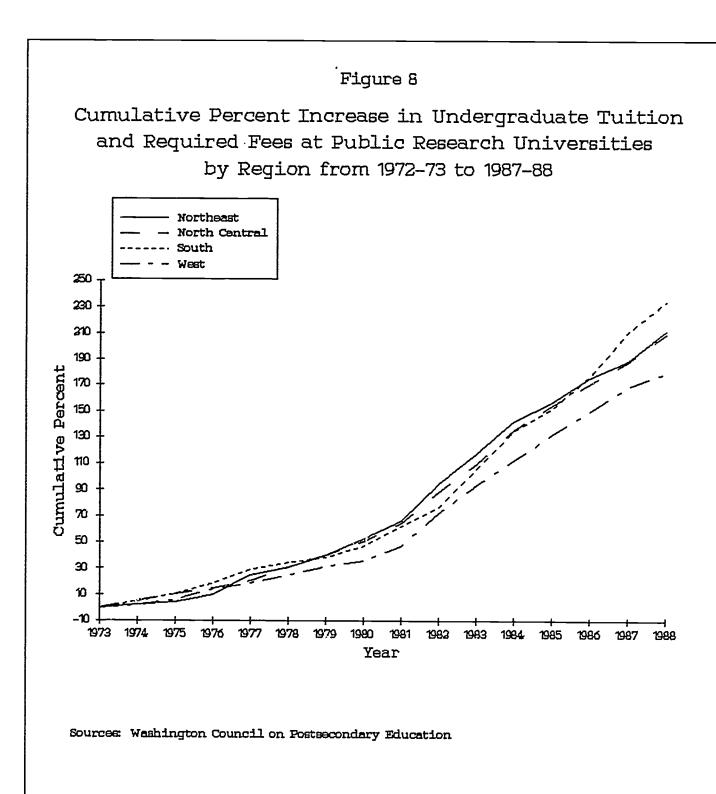
In the mid-1970s the Northeast experienced a sluggish economy. Traditional industries moved south and the economic expansion the Northeast currently enjoys had not yet begun. The West, by contrast, experienced a booming economy, primarily driven by high prices for oil and research and development in computer-related technologies. The downturn in the Northeast economy was associated with a reduced rate of growth in state support which was

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accompanied by the institutional increases in tuition. At the same time, states in the West were able to increase the rate of growth in their support of public universities which reduced the institutional need for revenue from tuition. Tuition increases in the West were much lower than in the Northeast in the mid-1970s.

The sharp increases in tuition in 1981-82 for all regions reflects the deep recessionary condition of the states at that time. Many states were experiencing unanticipated revenue shortfalls which led to lower than anticipated appropriations for public institutions. In many instances, institutions were using tuition surcharges and mid-, ar tuition hikes to provide the income needed but lost by the appropriation reductions states were making (Wittstruck 1982). While the rate of tuition increases at public universities have declined in the mid-1980s, they have not declined as fast as economic indicators such as the CPI or HEPI.

Regional State Colleges and Universities

Between 1972-73 and 1987-88 the national average for tuition and required fees for the regional state colleges and universities increased from \$466 to \$1,380, or 196%. Table 5 presents the average tuition and required fees at these institutions in each year by region.

Like public universities, average tuition and required fees among public state colleges and universities were highest in the Northeast in 1972-73, but unlike public universities, these institutions exhibited the lowest overall percent increase among regions. Also like public universities, the public state colleges and universities in the South exhibited the highest percent change in price over this 15-year period. Similarly, the price for undergraduates at Western state colleges and universities was lowest among all regions in 1987-88. Figure 9 displays the average tuition and fee trends by region for these institutions. Figure 10 displays the cumulative percent increase in tuition and required fees for these institutions over this 15-year period.



Region	1972-73	1987-88	Percent Change
Northeast	\$606	\$1,715	183.0 %
North Central	\$506	\$1,509	198.2
South	\$398	\$1,239	211.3
West	\$394	\$1,136	188.3
U.S. Average	\$466	\$1,380	196.1

Table 5Average Tuition and Required Fees at Public State Colleges
in 1972-73 and 1987-88 by Region

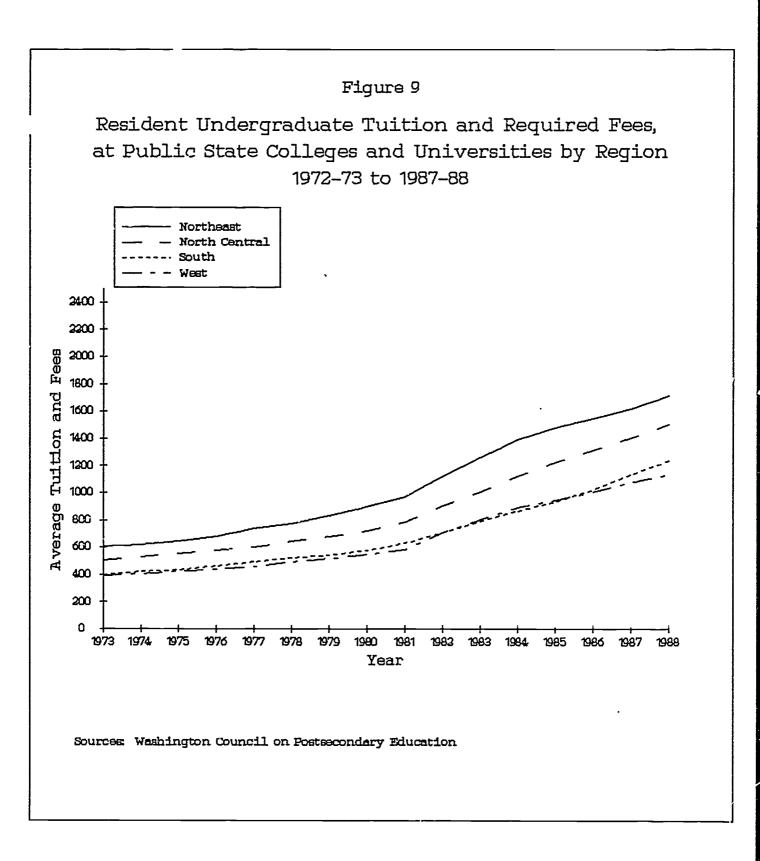
Like public research universities, the most striking feature of both Figures 9 and 10 is the similarity in patterns among regions. While the greater overall increase in the South and the persistence of some regional ranking are of some interest, the almost identical pattern of tuition and fee increases shown in Figure 10 overshadows such regional differences. And like research universities, the pattern of tuition increases in public state colleges and universities shows sharp increases beginning with the recessionary years of 1981-82.

The cumulative percent change over 1972-73 for regional state colleges and universities shows a slow but consistent pattern of tuition increases until 1980-81 (Figure 10). Beginning in 1981-82, compared to 1980-81, the cumulative percentage increase for all regions is almost identical, and quite dramatic but less in magnitude than shown for the universities.

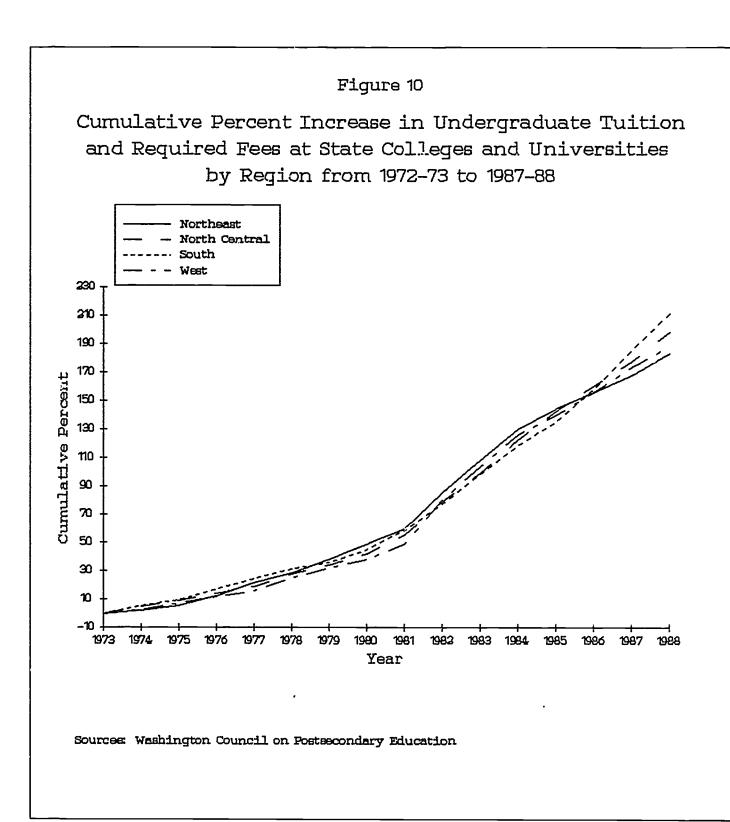
Community Colleges

National tuition and required fee data for public community colleges were unavailable









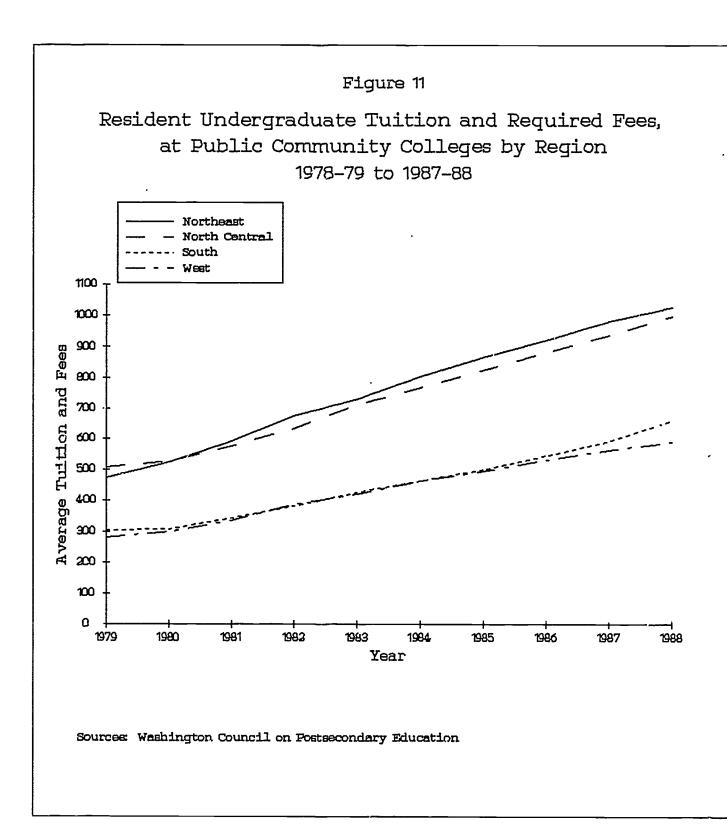


before 1978-79. The trends in these data from this point are similar to those of the universities and regional state colleges and universities. Table 6 displays the price by region for this sector in 1978-79 and 1987-88.

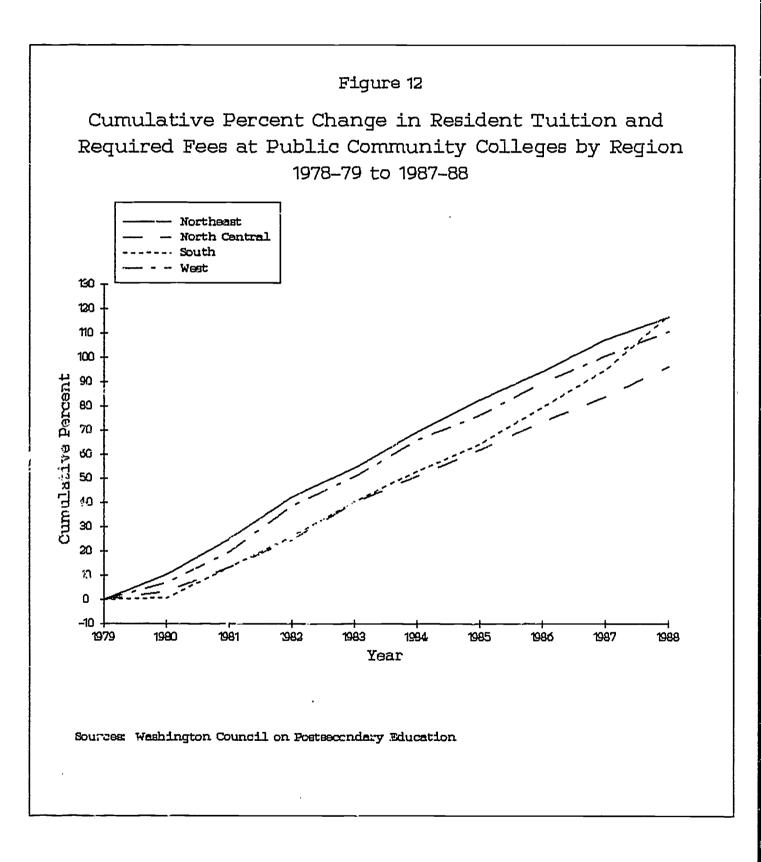
	Table 6Average Tuition and Required Fees at PublicCommunity Colleges in 1978-79 and 1987-88 by Region						
Region	1978-79	1987-38	Percent Change				
Northeast	\$474	\$1,027	116.7 %				
North Central	\$509	\$ 999	96.3				
South	\$304	\$ 661	117.4				
West	\$280	\$ 590	110.7				
U.S. Average	\$387	\$ 780	101.6				

Table 6 shows that average tuition and required fees at public community colleges were highest in the North Central region and lowest in the West in 1978-79. By 1987-88, while the West still had the lowest average prices, the Northeast region exhibited the highest public community college tuition and fees. Moreover, like public state colleges and universities, the gap between the lowest and highest regions decreased over this period. In 1978-79 public community college tuition and fees in the North Central region were 82% higher than similar prices in the West, while in 1987-88, the Northeast region's average tuition and fees were only 74% higher than similar prices in the West. Figure 11 displays the average tuition and fees at public community colleges over this period, and Figure 12 displays graphically the cumulative percent increase in public community college tuition and required fees by region in this nine-year period.









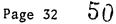




Figure 11 shows that tuition and fee rates at public community colleges in the Northeast and North Central regions are similar and have grown at virtually the same rate since 1978-79. Tuition and fee rates at public community colleges in the South and West are also almost identical but average about 40% less than those in the Northeast and North Central region. The rate of price increases in public community colleges in the South and West is also almost identical since 1978-79.

Figure 12 shows the similar rates of tuition increases in all regions in the last nine years. Unfortunately, comparable national data prior to 1978-79 are not available.

State Appropriations

Table 7 displays the state appropriations for higher education by region in 1972-73 and in 1987-88, along with the percent change. For the fifty states combined, higher education appropriations increased about 300% in this 15-year period.

Table 7 State Appropriations for Higher Education by Region in 1972-73 and 1987-88 (In millions of dollars)							
North Central South West	1972-73	1987-88	Percent Change				
Northeast	\$1,822.8	\$ 6,815.5	273.9 %				
North Central	\$2,367.9	\$ 7,852.3	231.6				
South	\$2,483.4	\$11,281.6	354.3				
West	\$1,838.1	\$ 8,092.7	340.3				
U.S. Total	\$8,512.2	\$34,042.0	299.9				

The states comprising the South census region showed the highest percent increase over this period, averaging more than a 10% increase per year. The West region experienced a similar rate of increase also averaging slightly above a 10% increase per year.

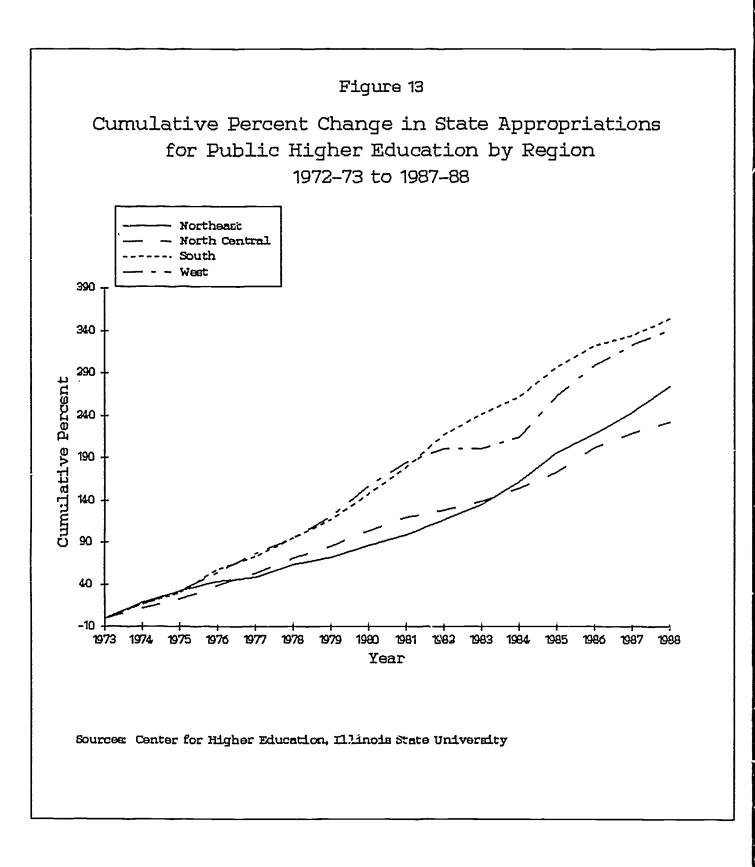
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Both the Northeast and the North Central states as groups received state appropriation increases at rates lower than the national average. The Northeast states' appropriations increased at an average annual rate of about 9.2% per year, while the North Central region averaged about an 8.3% increase per year.

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Figure 13 displays the cumulative percent increase in state appropriations for higher education by region. This figure graphically displays the higher growth rate in state appropriations for public higher education in the South and the West over the last 15 years.







CONCLUSIONS

Trend analysis is dangerous. Pick one set of end-points and you may derive very different impressions and conclusions than if a different time frame were examined. The 15 years examined in this study (1972-73 to 1987-88) were determined largely by the availability of good useful data. But this 15-year period has the added utility of encompassing rather dramatic shifts in the nation's economic condition and provides a unique opportunity to begin to examine the relationship between that economy, higher education support, and the price charged to students and parents.

The data presented in this report combined with related surveys of SHEEO members suggests that the price of higher education is inextricably linked to public support for higher education and that public support for higher education is linked to the state of the economy. The relationship between price and state appropriations, however, depends on whether you take a long-term or short-term perspective. In the long-term this report has shown that as appropriations increase so do tuition. This can be understood in the context of the state policies or guidelines that recommend tuition represent some proportion of instructional costs.

In the short-term, however, lower than average increases in state appropriations are usually associated with higher than average increases in tuition and required fees, especially at a time when institutions believe that increased spending is mandated or warranted. During the 1980s, many institutions have responded to national criticism about the quality of higher education and its role in the economy by adding programs devoted to promoting economic development, increasing public service, and improving the quality of undergraduate education. Ironically, these efforts have added to the cost of higher education at the very time when state appropriations were leveling off.



Whether or not tuition increases in recent years have been implemented to finance these programs or to "make-up" for lost ground in the 1970s or both is of little consequence to students, parents, and legislators whose memory is considerably shorter than 15 years. Criticisms of recent tuition increases are born out of recent history. And in the last half dozen years, tuition has outpaced the highly visible economic indicators of the CPI and HEPI.

But tuition and fees at public institutions of higher education represent a lower percentage of per capita disposable income in 1988 than they did in 1973. And student financial aid is much more prevalent in 1988 than it was in 1973. The conclusion suggested by these data is that to date tuition increases have not been excessive but they have reached the limit of credibility. Further increases significantly above the CPI or HEPI are likely to result in even more obvious intervention by public policy makers.



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APPENDIX 1

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<u>COMPARING INCREASES IN TUITION AND REQUIRED FEES WITH</u> <u>INCREASES IN STATE APPROPRIATIONS: A REGRESSION ANALYSIS</u>

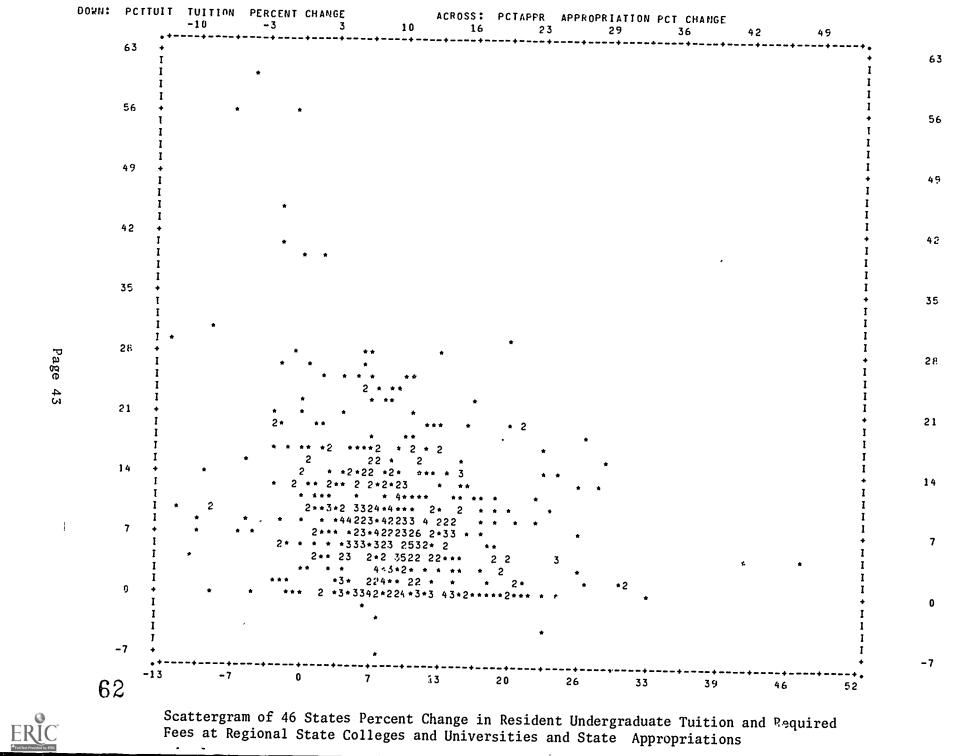
In order to assess the relationship between state appropriation increases and increases in resident undergraduate tuition and required fees (hereinafter referred to as tuition) at public state colleges and universities, this study calculated the percent change in weighted average tuition for those institutions in 46 states (see Table 1-2) for the period 1977 to 1988. Tuition and fee data were collected by the Washington Higher Education Coordinating Board (Johnson 1988). The study also calculated the percent change in state appropriations for each state for the period 1977 to 1988 from data collected by the Center for Higher Education at Illinois State University. These data yielded 506 separate comparisons. Treated as discrete observations, the average percent increase in tuition for the 46 states for this period was 8.89% and the standard deviation was 8.15%. The average increase in state appropriations was 8.66% with a standard deviation of 7.30%.

Figure 1-1 displays a scattergram of the 506 observations with the percent change in resident undergraduate tuition distributed along the vertical dimension and the percent change in state appropriations distributed along the horizontal dimension. In Figure 1-1, each asterisk represents one observation. Multiple observations are represented by actual numbers. A correlation coefficient of -.25 was calculated for the observations plotted in Figure 1-1.

Table 1-1 presents the results of an ordinary least squares regression analysis performed on these 506 observations data. The information presented in Table 1-1 indicates a statistically significant negative relationship between the percent change in tuition at four-year public institutions and the percent change in state appropriations over this period.



FIGURE 1-1 **REGRESSION SCATTERGRAM**



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Correlation	.25
R^2	.06
Regression Coefficient	27
Intercept	9.36 %
F-level	16.71
Significance	0.0000

Table 1-1 Regression Analysis of Percent Change in Tuition and Percent Change in State Appropriations

On the average, the higher the increase in state appropriations in a given year, the lower was the percent increase in tuition.

While the results of the simple regression analysis suggest a negative relationship between these two measures, the unexplained variation in the percent increase in tuition after accounting for the percent increase in state appropriations is noteworthy. Ninety-four percent of the variation in percent tuition increases is left unexplained by percent increase in state appropriations. Some of this variation represents regional differences.

Census Regions

The U.S. Census Bureau divides the country into four broad regions: Northeast, North Central, South and West. Each of these regions is further subdivided into two or three subregions. Table 1-2 displays these census regions and the states that compose them.

Table 1-3 presents the summary statistics on percent tuition increases and percent appropriation increases for each of the four large census regions, and Table 1-4 presents the results of regression analyses on each region.

Telle 1-4 shows that the significant negative relationship between percent changes in tuition and percent changes in state appropriations for the entire set of observations is



Northeast New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	East South Central Alabama Kentucky Mississippi Tennessee <u>West South Central</u> Arkansas
Middle Atlantic New Jersey New York	Louisiana Oklahoma Texas
Pennsylvania <u>North Central</u> <u>East North Central</u> Illinois Indiana Michigan Ohio Wisconsin <u>West North Central</u>	West <u>Mountain</u> Arizona Colorado Idaho Montana Nevada New Mexico Utah Wyoming ¹
Iowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	Pacific Alaska ¹ California Hawaii ¹ Oregon Washington
South Atlantic Delaware ¹ Florida Georgia Maryland No:th Carolina South Carolina Virginia West Virginia	

Table 1-2 States Assigned to U.S. Bureau of Census Regions

¹These states were not included in the analysis because they do not have regional state colleges and universities; the schools included in the regression analysis.



not common to all four census regions. Considered as a region, the Northeast and North Central regions do not exhibit any significant relationship between the percent increase in resident undergraduate tuition and fees and state appropriations. The South and West, however, show somewhat stronger negative relationships between these two variables.

	Table 1-3Average Percent Increases in Tuitionand Fees and in State Appropriations by Census Regions					
	Northeast	North Central	South	West		
Tuition						
Average	8.1 %	9.0 %	8.9 %	8.4 %		
Std. Dev.	7.37	5.8	7.9	6.8		
Observations	99	132	165	110		
Appropriations						
Average	9.9	7.3	9.2	9.5		
Std. Dev.	8.0	5.9	8.0	11.1		
Observations	99	132	165	110		
	99	132	165	110		

Table 1-4 Regression Results by Census Region					
Northeast	North Central	South	West		
.125 .016	.117 .014	.326 .106	.312 .097		
9.194 1.545	9.865 1.792	11.857 19.40	509 13.741 11.61 0.001		
	Northeast .125 .016 113 9.194	Regression Results by Census I Northeast North Central .125 .117 .016 .014 113 115 9.194 9.865 1.545 1.792	Regression Results by Census Region Northeast North Central South .125 .117 .326 .016 .014 .106 113 115 323 9.194 9.865 11.857 1.545 1.792 19.40		

State Results

Disaggregating the data by census region, however, masks individual differences among states. Table 1-5 presents the regression results for the 46 states included in the analyses. While the lower number of observations in each state allows for fewer statistically



significant results, it is noteworthy that negative relationships between the increases in tuition and the increases in state appropriations were found in the majority of states. New York is the only state that exhibited a statistically significant positive relationship between increases in tuition and increases in state appropriations for this period.

To truly understand these relationships requires understanding the individual policies and the annual budget decision processes in each state for each of these years. Taken as a whole, however, these data suggest that during the last ten years, institutions in many states increased tuition when appropriation increases were lower and instituted smaller tuition increases when appropriations were higher.





TABLE 1-5

Descriptive Statistics and Regression Results by State

	Nean	flean			. .			
State	Tuities Increase	Appropriation Increase	R	D-Courses	Regression	Tubennek	F-11	C:
State	Increase	10026436	ĸ	R-Square	Coefficient	Intercept	F-Level	Significance
Al abana	8.41 %	8.16 z	0.744	0.533	-0.315	11.093	11.1711	0.0386
firizona	10.75	9.47	0.251	0.063	0.336	7.567	0.6051	0.4566
firkansas	9.70	8.86	0.451	0.204	-0.395	13.201	2.3′.5	0.1635
California	15.06	9.38	0.805	0.647	-2.105	34.807	16.5/17	0.0028
Colortdo	8.86	7.22	0,430	0.185	0.418	5.839	2.0420	0.1868
Connecticut	6.53	10.21	0.400	0.160	-0.173	8.297	1.7114	0.2233
Florida	1.75	11.01	0.283	0.080	0.330	-1.888	0.7860	0.3984
Georgia	9.11	10.08	0.575	0.331	-0.789	17.070	4.4448	0.0642
Idaho	10.23	6.70	0.403	0.163	-0.994	16.897	1.7499	0.2185
Illinois	9.82	6,16	0.175	0.031	0.177	8.730	0.2857	0.6059
Indiana	8.53	7.66	0.002	0.000	-0.001	8.538	0.0000	0.9945
Іона	8.66	7.13	0.171	0.029	-0.162	9.813	0.2722	0.6145
Kansas	7.05	9,19	0.250	0.063	-0.358	11.711	0.6007	0.4582
Kentucky	9.64	8.68	0.628	0.395	-0.340	12.588	5.8652	V.0385
Louisiana	11.44	8.59	0.143	0.020	-0.144	12.679	0.1878	0.6749
Haine	8.45	11.62	0.610	0.372	-0.943	19.402	5.3238	0.0464
Haryland	8.95	8.80	0.098	0.010	0.098	8.084	0.0878	0.7737
Hassachusetts	7.73	13.17	0.315	0.099	-0.292	11.571	0.9908	0.3455
Hichigan	8.02	7.56	0.640	0.410	-0.843	14.390	6.2454	0.033()
Minnesota	10.66	8.85	0.082	0.007	-0.093	11.482	0.0609	0.8107
Mississippi	10.15	8.42	0.826	0.682	-0.794	16.841	19.2899	0.0017
Hissouri Nontono	12.64	7.38 7.70	0.521	0.272	-0.509	16.395	3.3563	0.1002
Nontana Nebraska	8.53 5.89		0.129	0.017	-0.118	9.436	0.1529	0.7064
Nepraska Nevada	6.11	6.68 9.38	0.396 0.471	0.157	0.404	4.443	1.6734	0.2280
New Hampshire	8.47	10.67		0.221 0.032	-0.985	15.352	2.5605	0.1440
New Jersey	7.93	13.58	0.180		0.145	6.925	0.3016	0.5963
New Nexico	10.31	10.54	0.139 0.361	0.040	-0.540	8.667	0.3727	0.5567
New York	5.35	8,10	0.381	0.131 0.683	-0.650 2.768	17.167 -17.064	1.3529 19.3677	0.2747
North Sarolina	5.20	103	0.509	0.885	0.589	~1.301		0.0017
North Dakota	9.35	8.77	0.245	0.259	0.211	7.504	3.1390 0.5743	0.1102
Ohio	8.45	9.04	0.646	0.080	-0.573	13.629	6.4532	0.4680
Oklahona	6.43	9.43	0.285	0.081	-0.174	8.069	0.7978	0.0317 0.3950
Oregon	7.62	6.75	0.356	0.127	-0.307	5.689	1.3083	0.2822
Pennsylvania	8.14	5.43	0.175	0.031	-0.470	10.699	0.2839	0.2822
Rhode Island	7.83	7.62	0,165	0.027	-0.282	9.976	0.2504	0.6288
South Carolina	11.57	8.73	0.405	0.164	-0.519	16.102	1.7650	0.2167
South Dakota	8.37	6.05	0.233	0.054	-0.155	9.313	0.5148	0.4913
Tennessee	8.36	10.21	0, 193	0.037	0.171	6.611	0.3468	8.5704
Техаз	10.46	8.94	0.115	0,196	-0.640	16.185	2.1924	0.1728
Utah	8.01	8.93	0.332	0,110	0.159	6.585	1.1113	0.3193
Vernont	12.27	8.00	0.485	0.235	~1.250	23.259	2.7716	0.1303
Virginia	10.83	10.40	0.531	0.282	0.280	7.911	3.5329	0.1303
Hashington	9.29	7.73	0.191	0.037	-0.252	11.235	0.3421	0.5730
Hest Virginia	11.37	6.07	0.325	0,106	-0.743	15.879	1.0659	0.3288
Hisconsin	7.73	6.24	0.235	0.055	-0.218	9.082	0.5269	0.4864
								0.1001

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APPENDIX 2



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Table 2-1Absolute Numbers for Per Capita Disposable Income (PCDI),the Consumer Price Index (CPI), the Higher Education Price Index (HEPI),Public University and State College Tuition, andTotal State Appropriation

Year	PCDI	CPI	HEPI	University Tuition	State College Tuition	State Appropriations (in thousands)
1973	4466	107.7	111.2	549	466	8512
1974	4845	117.3	119.1	570	485	9830
1975	5283	130.4	129.2	593	503	10963
1976	5740	139.6	137.8	628	531	12575
1977	6258	147.7	146.8	677	551	13863
1978	6963	157.7	156.6	717	598	15436
1979	7679	172.4	168.7	757	630	16976
1980	8424	195.4	185.3	806	672	19061
1981	9240	218.0	205.2	880	720	20940
1982	9721	236.9	225.8	1017	841	22752
1983	10350	247.1	240.1	1136	942	23926
1984	11258	256.2	253.0	1274	1044	25506
1985	11876	266.2	270.1	1369	1121	28364
1986	12521	273 9	281.9	1477	1200	30730
1987	13077	280.0	293.6	1591	1290	32367
1988	13912	293.0	305.4	1701	1380	34042



Year	PCDI	CPI	HEPI	University Tuition	State College Tuition	State Appropriations
1973	0.0	0.0	0.0	0.0	0.0	0.0
1974	8.5	8.9	7.1	3.8	4.1	15.5
1975	18.3	21.1	16.2	8.0	7.9	28.8
1976	28.5	29.6	23.9	14.4	13.9	47.7
1977	40.1	37.1	32.0	23.3	20.4	62.9
1978	55.9	46.4	40.8	30.6	28.3	81.3
1979	71.9	60.1	51.7	37.9	35.2	99.4
1980	88.6	81.4	66.6	46.8	44.2	123.9
1981	106.9	102.4	84.5	60.3	54.5	146.0
1982	117.7	120.0	103.1	85.2	80.5	167.3
1983	131.8	129.4	115.9	106.9	102.1	181.1
1984	152.1	137.9	127.5	132.1	124.0	199.6
1985	165.9	147.2	142.9	149.4	140.6	233.2
1986	180.4	154.3	153.5	169.0	157.5	261.0
1987	192.8	160.0	164.0	189.8	176.8	280.3
1988	211.5	172.1	174.6	209.8	196.1	299.9

Table 2-2 Cumulative Percent Increases from 1973 for Per Capita Disposable Income (PCDI), the Consumer Price Index (CPI), the Higher Education Price Index (HEPI), Public University and State College Tuition, and Total State Appropriation





	Total State Appropriation							
Year	PCDI	CPI	HEPI	University Tuition	State College Tuition	State Appropriations		
1973	-28.6	-27.1	-24.3	-18.9	-16.9	-38.6		
1 97 4	-22.6	-20.6	-18.9	-15.8	-13.5	-29.1		
1975	-15.6	-11.7	-12.0	-12.4	-10.3	-20.9		
197ó	-8.3	-5.5	-6.1	-7.2	-5.3	-9.3		
1 977	0.0	0.0	0.0	0.0	0.0	0.0		
1 97 8	11.3	6.8	6.7	5.9	6.6	11.3		
1 979	22.7	16.7	14.9	11.8	12.3	22.5		
1980	34.6	32.3	26.2	19.1	19.8	37.5		
1981	47.7	47.6	39.8	30.0	28.3	51.0		
1982	55.3	60.4	53.8	50.2	49.9	64.1		
1983	65.4	67.3	63.6	67.8	67.9	72.6		
1984	79.9	73.5	72.3	88.2	86.1	84.0		
1985	89.8	80.2	84.0	102.2	99.8	104.5		
1986	100.1	85.4	92.0	118.2	113.9	121.7		
1987	109.0	89.6	100.0	135.0	129.9	133.5		
1988	122.3	98.4	108.0	151.3	146.0	145.6		

Table 2-3 Cumulative Percent Increases from 1977 for Per Capita Disposable Income (PCDI), the Consumer Price Index (CPI), the Higher Education Price Index (HEPI), Public University and State College Tuition, and Total State Appropriation





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Year	PCDI	CPI	HEPI	University Tuition	State College Tuition	State Appropriations
1973	100.0	100.0	100.0	100.0	100.0	100.0
1974	108.5	108.9	107.1	103.8	104.1	115.5
1975	118.3	121.1	116.2	108.0	107.9	128.8
1976	128.5	129.6	123.9	114.4	113.9	147.7
1977	140.1	137.1	132.0	123.3	120.4	162.9
1978	155.9	146.4	140.8	130.6	128.3	181.3
1979	171.9	160.1	151.7	137.9	135.2	199.4
1980	188.6	181.4	166.6	146.8	144.2	223.9
1981	206.9	202.4	184.5	160.3	154.5	246.0
1982	217.7	220.0	203.1	185.2	180.5	267.3
1983	231.8	229.4	215.9	206.9	202.1	281.1
1984	252.1	237.9	227.5	232.1	224.0	299.6
1985	265.9	247.2	242.9	249.4	240.6	333.2
1986	280.4	254.3	253.5	269.0	257.5	361.0
1987	292.8	260.0	264.0	289.8	276.8	380.3
1988	311.5	272.1	274.6	309.8	296.1	399.9

Table 2-4 Indexed Figures From 1973 for Fer Capita Disposable Income (PCDI), the Consun or Price Index (CPI), the Higher Education Price Index (HEPI), Public University and State College Tuition, and Total State Appropriation



Year	PCDI	CPI	HEPI	University Tuition	State College Tuition	State Appropriations
	71.4	72.9	75.7	81.1	83.1	61.4
1 97 4	77.4	79.4	81.1	84.2	86.5	70.9
1 975	84.4	88.3	88.0	87.6	89.7	79.1
1 97 6	91.7	94.5	93.9	92.8	94.7	90.7
1 97 7	100.0	100.0	100.0	100.0	100.0	100.0
1 97 8	111.3	106.8	106.7	105.9	106.6	111.3
1979	122.7	116.7	114.9	111.8	112.3	122.5
1980	134.6	132.3	126.2	119.1	119.8	137.5
1981	147.7	147.6	139.8	130.0	128.3	151.0
1982	155.3	160.4	153.8	150.2	149.9	164.1
1 9 83	165.4	167.3	163.6	167.8	167.9	172.6
1984	179.9	173.5	172.3	188.2	186.1	184.0
1 9 85	189. 2	180.2	i84.0	202.2	199.8	204.6
1986	200.1	185.4	192.0	218.2	213.9	221.7
1987	209.0	189.6	200.0	235.0	229.9	233.5
1988	222.3	198.4	208.0	251.3	246.0	245.6

Table 2-5 Indexed Figures From 1977 for Per Capita Disposable Income (PCDI), the Consumer Price Index (CPI), the Higher Education Price Index (HEPI), Public University and State College Tuition, and Total State Appropriation



APPENDIX 3



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Table 3-1

UNIVERSITIES RESIDENT	UNDERGRADUATE	TUITION AN	D REQUIRED FEES.	BY STATE.	1972-73 [0	1907-89

stato	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1970-79	1979-00	1500-81	1981-82	1982-83	1983-84	1981-05	1945-86	1506-07	1997-88
RI abana	510	510	595	595	615	615	722	765	765	991	1074	11-19	1206	1254	1301	1572
Alaska	402	472	472	472	472	512	512	522	192	492	600	700	558	1092	1200	1299
Brizona		411	411	450	-150	-150	550	550	600	650	710	650	950	990	1156	1196
Arkansas	100	400	400	+00	400	460	460	460	600	720	720	900	930	930	1030	1230
Californio	611	611	611	618	619	710	731	731	767	956	1175	1361	1316	1346	1317	1473
Colorado	576	593	630	711	756	600	615	892	\$35	1111	1221	1316	5453	1617	1779	1961
Connecticut	655	715	715	799	960	968	968	1068	1060	1101	1225	1467	1657	1901	1911	2133
Dolawara	375	\$85	720	755	979	1600	564	\$00	\$93	1160	1367	1590	1755	2100	2205	2501
Floridax	570	570	615	683	709	605	703	709	709	758	795	798	713	775	912	652
Georgia	519	538	543	615	666	702	702	731	908	954	1 107	1190	1407	1554	1662	1770
Hawali	233	223	350	478	478	178	478	478	-160	460	400	710	910	910	1000	1090
Idaho	356	360	380	100	430	434	438	474	-190	701	\$16	016	970	1010	1040	1042
Illinois	685	686	690	700	712	014	815	679	956	1105	1305	1651	1855	1967	2093	2215
Indiana	650	682	722	722	722	010	670	930	1005	1155	1329	1419	1534	1660	1760	1657
Ioua	620	620	620	682	682	750	750	830	830	\$50	1040	1 104	1242	1304	1390	1564
Kansas	195	511	573	576	578	688	710	716	771	918	904	1068	1143	1230	1290	1325
Kontucky	105	490	190	480	-160	550	550	574	671	730	016	1019	1124	1228	1332	1412
Louisiana	320	320	320	330	110	(10	552	553	569	661	798	\$6 8	974	1274	1724	1724
Naine	562	. 562	597	595	695	805	920	940	1110	1290	1110	1515	1515	1550	1565	1846
Haryland	639	698	659	710	760	784	790	612	681	1073	1385	1332	1410	1496	1601	1740
Hassachusatts	169	519	549	591	591	770	829	952	1117	1326	1515	1684	1604	1955	2016	2006
Michigan×	696	\$52	853	901	966	1079	1244	1373	1561	1961	2111	2261	2350	2359	2595	2828
Hinnesota#	641	683	714	752	615	927	994	1060	1250	1406	1608	1792	1992	2109	2205	2331
Mississippi	516	516	530	603	703	703	707	975	551	1054	1167	1321	1401	1517	1727	1780
Hissouri	510	540	580	580	611	644	722	768	822	519	1068	1295	1411	1457	1492	1669
Hontana	471	467	529	539	519	613	683	625	657	747	825	970	936	1059	t227	1239
Hebraska	535	535	663	663	726	763	808	\$58	940	1023	10-16	1211	2331	1513	1520	1565
Hevada	519	519	521	622	622	660	660	660	720	\$10	930	1060	1090	1030	1080	1080
New Hampshire	1033	983	\$63	993	1097	1096	12:18	1265	1305	1832	1956	2175	2355	2500	2529	2754
tion Jorsay	665	725	725	725	\$51	963	996	1064	1199	1561	1670	1034	1978	2155	2278	2573
Hen flexico	156	156	~56	156	520	520	576	624	665	721	757	774	016	663	1020	1152
New York	615	825	825	825	875	832	692	395	1074	1150	1150	1152	1475	1172	1464	1474
Horth Carolina	122	113	153	768	170	521	525	576	595	631	702	766	773	794	620	615
North Dakota	156	156	467	528	528	545	515	643	660	764	004	1020	1090	1167	1266	1412
Ohio	750	750	790	610	835	915	975	1005	1110	1380	1458	1557	1611	1704	1704	1890
Oklahona	115	415	115	170	538	541	511	541	613	613	722	601	658	850	\$21	1007
Oregon	531	510	573	318	739	740	789	\$60	963	1150	1390	1433	1112	1487	1497	1555
Pennsylvania	685	900	960	3094	1145	1263	1368	1/65	1641	10-18	2110	2312	2562	2760	2996	3292
Rhode Island	761	761	796	895	\$51	974	1052	1147	1101	1311	1504	1694	1917	:.60	1580	2090
South Carolina	570	570	581	651	662	732	732	007	1010	1175	1150	1110	1110	1608	2638	2028
South Oakota	500	553	581	625	617	653	704	761	962	959	1066	1169	1236	1432	1542	1631
Tennessee	399	395	417	-153	195	195	510	550	600	681	001	813	966	1092	1287	1368
Ганаз	267	322	345	351	374	378	378	120	110	152	-152	162	462	655	685	876
Utah	180	460	190	525	525	545	641	690	785	876	960	1050	1167	1335	1400	1437
Vernont	1086	1068	1096	1100	1349	1340	1452	1662	1928	2001	2466	2613	2793	2910	3503	3432
Virginia	597	622	644	691	731	604	619	914	1012	11-16	1350	1586	1826	2036	2238	2366
Heshington	561	561	561	561	561	660	687	607	607	1059	1176	1303	1308	1605	1605	1731
Hest Virginia	292	310	319	373	403	-103	-159	182	492	620	810	1090	1160	1160	1260	1366
Hisconsin	558	600	611	630	671	734	912	677	946	591	1121	1198	1274	1390	1570	1737
Hyoning	110	110	110	411	131	131	131	431	592	592	592	6 16	721	721	778	778
Hational Average	519	570	593	628	677	717	757	906	698	1017	1136	1274	1309	1477	1591	1701
Percent Change		3.891	: 3.997	5.93	2.63	: 5.90	: 5.583	6.51	9.20	15.50x	11.712	12.121	7.452	: 7.912	7.682	6.962

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Table 3-1A

UNIVERSITIES RESIDENT UNDERGRADUATE FUITION AND REQUIRED FEES. OF STATE AND CENSUS REGIONS, 1972-73 TO 1907-00

State	1972-73 72	1973-74 73	1971-75 71	1975-76 75	1976-77 76	1977-78 77	1979-79 70	1979- 8 0 79	1790-81 80	1981-82 81	1982-83	1983-81	1981-85	1985-86		987-88
Hortheast New England	14	13		15				13	•0	01	82	83	01	85	54	87
Connecticut	655	715	715	799	960	968	568	1069	1060	1101	1225	1467	1657	1901	1911	z133
Haine	562	562	587	535	635	805	920	940	1110	1290	1140	1545	1515	1550	1565	1846
Hassachusatts	469	519	519	591	591	770	423	952	1117	1326	15-15	1681	1681	1955	2016	2005
New Hampshire	1033	963	903	993	1097	1090	1216	1265	1305	1032	1956	2175	2356	2500	2529	2751
Rhode Island	761	761	796	835	951	971	1052	11-17	1181	1311	1504	1691	1817	1960	1900	2090
Vernant	1006	1088	1096	1100	13-10	13-18	1452	1662	1820	2001	2466	2613	2793	2918	3208	3132
Hew England flvg.	761	772	788	829	241	991	1078	1172	1268	1190	1683	1063	1980	2119	2212	2377
Hiddle Atlantic		`														
Hen Jersey Hen York (1)	665 015	725 825	725 825	725 625	951 875	%3 852	596 852	1061	11 55 1074	1561 1150	1678 1150	1831	1878	2155 1472	2270 1461	2573
Pennsulvania	885	900	960	1081	1143	1263	1368	1185	1611		2118	1452 2512	1175 2562	2760	25%	1171 3292
Niddle Atlantic Avg.	790	017	037	878	932	1039	1005	1101	1305	1840 1520	1643	1866	1972	2129	22%	2116
mode activity.	,	•••	• • •		~~		1003	1101	1.000	1960	1413	1400	1716	6167	66.78	6170
Hortheast Bvg.	770	707	801	815	950	1009	1091	1175	1265	1500	1676	1964	1977	2125	2223	2100
Annual Percent Change	0.003	2.168	2.192	5.13×	13.36z	5.31#	7.052	8.778	6.932	17.16Z	11.72%	11.23x	6.091	7.33%	1.742	7.96z
X Change Over 1978-79				9.75×			8.002	8.778		38.82%	55.08z	72.50%	83.00z	96.118	105.73x	122.11x
# Change Over 1972-73	0.001	: 2.16%	1.108	7.134	21.112	31.02#	10.312	52.628	66.25X	91.70x	117.602	142.042	15%.772	175.598	109.66%	211.64x
Horth Central East Horth Central													•			
Illinois	686	606	690	700	712	811	8-16	878	956	1109	1302	1651	1055	1967	2083	2215
Indiana	650	602	722	722	722	010	870	939	1005	1155	1328	1118	1534	1660	1760	1857
Hichigan (2)	696	852	\$55	50.1	306	1079	1244	1373	1561	1061	2111	2261	2535	2359	2695	2829
Ohio	750	750	790	610	835	915	975	1005	1110	1300	1450	1557	1641	1704	1704	1000
Hisconsin	350	600	611	630	671	731	012	877	916	\$91	1121	1156	1270	1390	1570	1137
East North Central Avg.	668	711	732	753	785	970	513	1014	1116	1290	1471	1617	1732	1016	1962	2105
Hest North Central																
Louia	620	620	\$29	682	662	750	750	830	630	950	10-10	1104	1242	1304	1350	1564
Kenses	466	511	573	576	578	640	710	716	771	918	904	1069	11/18	1230	1290	1325
Hinnesota (2)	611	683	711	752	019	\$27	551	1060	1250	1406	1608	1792	1992	2109	2205	2331
Hissouri Kebraska	510 535	510 535	500 663	580 663	641	641	722	760	822	910	1068	1299	1411	1457	1192	1669
Horth Dakota	-535		467	520	72ù 529	763 545	909 515	858 645	940	1025	10-19	1211	1331	1513	1520	1565
South Dakota	500	553	501	625	520 617	653	704	761	660 862	764 558	901	1020	1000	1167	1266	1412
Hest North Central Avg.	500	553	600	629	661	710	740	805	076	508 992	1066 1077	1189 1240	1236	1132 1459	1542 1529	1631 1642
	•~		••••	~~~	•••			440		134	1011	16.40	4313	1733	1369	1672
North Central Avg.	593	625	655	691	713	777	032	852	976	1119	1211	1397	1508	1600	1710	1835
finnual Percent Change	0.00	t 5 .34x	1.778	3.992	1.63%	9.02#	7.07x				10.06%	12.60z	7.932	6.60x	6.35z	7.35x
# Change Over 1378-79							0.00%	7.301			49.218	68.02%	81.342	93.312	105.58z	126.68Z
# Change Over 1972-73	0.003	t 5.38z	10.11#	11.812	20.121	30.15E	10.21X	50.458	61.552	00.70x	109.202	135.578	151.26%	171.03z	189.24%	209.11%

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South																
South Atlantic																
Delauare (1)	175	585	720	795	978	1009	580	988	998	1167	1367	1590	1795	2100	2205	2501
Floride (1) (2)	570	570	615	683	709	703	709	709	709	758	795	798	743	775	012	85.2
Georgie	519	530	513	615	668	702	702	731	308	951	1107	1190	1107	° 1554	1662	1720
Hary1 and	639	698	698	710	780	784	790	812	681	1073	1185	1332	1410	1496	1601	1740
Horth Caraline	122	119	-153	468	-178	521	529	576	599	694	702	766	773	794	820	815
South Caroline	570	570	581	651	662	732	732	821,	1010	1175	1190	1110	1110	1609	2028	2020
Virginie	597	635	611	694	734	001	e19	917	1012	11%6	1350	1586	1926	2036	2238	2365
Hest Virginia	292	310	319	373	103	403	159	492	192	628	840	1090	1160	1150	1260	1366
South Atlantic Nvg.	511	513	572	625	676	708	720	756	031	919	1067	1224	1320	1110	1579	1681
East South Central																
Alabane	510	510														
Kentucky	105		595 100	595	615	615	722	765	765	991	1074	1140	1205	1254	1304	1572
				100	480	550	550	574	674	730	846	1018	1124	1228	1332	1412
Hississippi	516 399	516 339	530	603 153	763	703	707	075	951	1054	1167	132%	1401	1517	1727	1780
Tennessee Fort Couth Control Aug	150	176	417	533	455	195	510	550	600	681	601	813	966	1092	1287	1369
East South Central Hvg.		7/6	506	223	581	590	622	694	748	866	973	1093	1174	1273	1413	1533
Hest South Central	•															
firkenses	100	400	400	400	100	460		460	600	720	720	900	930	930	1030	1230
Louisiane	320	320	320	333	410	110	552	553	568	661	798	968	974	1274	1724	1721
Gklahona	115	115	115	170	530	541	511	541	613	613	722	801	658	1158	923	1087
Texes	267	322	312	351	374	370	376	120	410	152	152	452	462	653	885	876
Hest South Centrel Avg.	359	372	377	389	139	155	163	131	555	612	673	783	806	929	1140	1229
											••••			~~~		166.7
South Avg.	159	~83	507	513	533	6 17	636	675	743	811	945	1070	1155	1271	1127	1532
Annuel Percent Change	0.00%	5.20x	1.90z	7.16z	9.218	1.112	3.042	5.102	10.072	13.572	12.00z	14.112	7.11z	10.022	12.322	7.36%
2 Change Over 1978-79							0.002	6.102	16.702	32.638	18 .55z	69.51X	81.562	99.75z	124.372	140.682
# Change Ever 1972-73	0.00z	5.20#	10.33x	18.778	29.122	31.172	30.552	17.01z	61.00X	63.767	105.€iz	134.862	151.55z	176.762	210.86%	333 764
•						3 10 10 8		11.016	41.0UA	44.143	103.616	131,604	171.736	110.104	210.004	233.75×
-						31.178		11.014	41.004	•••••	103.614	131.906	131.334	110.104	210.464	233.134
Hest						51.02		11.018	UI.00 4	•••••	105.612	131.008	131.332	110.104	210.004	233.134
Hest Hountein																
Hest Hountein Arizone	411 576	411	411	150	156	150	550	55 6	600	650	710	850	950	990	1136	1156
Hest Hountein	111				150 755	150 000	550 015	55G 892	600 775	650 1111	710 1221	850 1316	950 1153	930 1617	1136 1779	1156 1861
Hest Hountein Brizona Colorado Idaho	411 576 356	411 593 380	411 638 380	150 711 100	156 754 130	150 000 131	550 915 139	55G 892 474	600 795 150	650 1111 701	710 1221 816	850 1316 816	950 1153 970	930 1617 1010	1136 1779 1040	1156 1861 1012
Hest Hountein Frizone Colorado	111 576	111 593	411 638 380 529	150 711 100 539	150 755 130 519	150 000 131 613	550 015 130 13	556 892 474 625	600 995 450 657	650 1111 701 747	710 1221 816 625	850 1316 816 870	950 1153 970 936	930 1617 1010 1059	1136 1779 1040 1227	1136 1861 1012 1238
Hest Hountain Arizona Colorado Idaho Montana	411 576 356 471	111 593 380 187	111 638 300 529 521	150 711 100 539 622	150 756 130 519 622	150 000 131 613 660	550 915 13 13	556 892 474 625 660	600 925 450 657 720	650 1111 701 747 61 0	710 1221 816 625 930	850 1316 816 870 1080	950 1153 970 936 1080	930 1617 1010 1059 2083	1136 1779 1040 1227 1080	1156 1861 1042 5238 1080
Hest Hountein Arizona Colorado Idaho Hontana Hevada	411 576 356 471 519	111 593 300 187 510	411 638 380 529	150 711 100 539 622 156	150 756 130 519 622 520	150 000 131 613 660 520	550 915 13 13 13 13	556 892 474 625 660 624	600 225 450 657 720 663	650 1111 701 747 640 721	710 1221 816 625 930 757	850 1316 816 870 1080 774	950 1153 970 936 1080 816	930 1617 1010 1059 2083 889	1136 1779 1040 1227 1080 1020	1136 1861 1012 1238 1080 1152
Hest Hountein Arizona Colorado Idaho Hontana Hevada Hew Hexico Utah	411 576 356 471 519 456	111 593 300 107 510 156	111 638 380 529 521 456 480	150 711 100 539 622 456 525	156 756 130 519 622 520 525	150 000 131 613 660 520 513	550 915 139 13 576 641	556 892 474 625 660 624 650	600 225 430 657 720 663 786	650 1111 701 747 010 721 076	710 1221 816 625 930 757 960	850 1316 816 870 1080 774 1050	950 1153 970 936 1080 816 1167	930 1617 1010 1059 2083 889 1333	1135 1779 1040 1227 1080 1020 1490	1136 1061 1012 5238 1080 1152 1437
Hest Hountein Arizona Colorado Idaho Hontana Hevada Hew Hexico	111 576 356 171 519 156 100	111 593 300 167 515 156 190	111 638 380 529 521 156	150 711 100 539 622 156	150 756 130 519 622 520	150 000 131 613 660 520	550 915 13 13 13 13	556 832 474 625 660 624	600 225 450 657 720 663	650 1111 701 747 640 721 675 592	710 1221 816 625 930 757 960 592	850 1316 816 870 1090 774 1050 616	950 1453 970 936 1080 816 1167 721	990 1617 1010 1059 2060 689 1335 721	1136 1779 1040 1227 1080 1020 1490 778	1136 1861 1042 5239 1080 1152 1437 779
Hest Hountein Arizona Colorado Idaho Hontana Hevada Hew Hexico Ulan Hyoning Hyoning Hountain firg.	411 576 356 471 519 456 400 410	111 593 300 107 510 156 180 110	111 638 300 529 521 456 400 110	150 711 400 539 626 525 411	155 755 130 519 622 520 525 431	150 000 131 613 660 520 515 131	550 915 139 13 13 130 576 511 131	556 832 474 625 660 621 650 474	600 925 430 657 720 665 786 532	650 1111 701 747 010 721 076	710 1221 816 625 930 757 960	850 1316 816 870 1080 774 1050	950 1153 970 936 1080 816 1167	930 1617 1010 1059 2083 889 1333	1135 1779 1040 1227 1080 1020 1490	1136 1061 1012 5238 1080 1152 1437
Hest Hountein Arizona Colorado Idaho Hontana Hevada Heri Hexico Utah Hyoning Kountain Arg. Pacific	111 576 356 171 519 156 100 110 160	111 593 300 107 510 156 180 110	111 638 300 529 521 456 400 110	150 711 400 539 626 525 411	155 755 130 519 622 520 525 431	150 000 131 613 660 520 515 131	550 915 139 13 13 130 576 511 131	556 832 474 625 660 621 650 474	600 925 430 657 720 665 786 532	650 1111 701 747 640 721 675 592	710 1221 816 625 930 757 960 592	850 1316 816 870 1090 774 1050 616	950 1453 970 936 1080 816 1167 721	990 1617 1010 1059 2060 689 1335 721	1136 1779 1040 1227 1080 1020 1490 778	1136 1861 1042 5239 1080 1152 1437 779
Hest Hountein Arizona Colorado Idaho Hontana Hevada Hew Haxico Utah Hyoning Kountain Arg. Pacific Alaska	411 576 356 471 519 156 400 410 160	111 593 300 407 51: 156 100 110 167	111 638 380 529 521 156 400 110 179	150 711 400 539 622 456 525 111 511	156 755 130 519 622 520 525 131 535	150 000 131 613 660 520 515 131	550 915 139 13 13 130 576 511 131	556 832 474 625 660 621 650 474	600 925 430 657 720 665 786 532	650 1111 701 747 640 721 675 592	710 1221 816 625 930 757 960 592	850 1316 816 870 1090 774 1050 616	950 1453 970 936 1080 816 1167 721	930 1617 1010 1059 2060 689 1335 721 1000	1135 1779 1040 1227 1080 1020 1490 778 1194	1136 1861 1012 1238 1080 1152 1437 779 1223
Hest Hountein Arizona Colorado Idaho Montana Hevada Heu Hexico Utah Hyoning Hountain firg. Pacific Alaska California (1)	111 576 356 171 519 156 100 110 160 402 644	111 593 300 167 515 156 100 110 167 172 611	111 638 380 529 521 490 110 179 472 611	450 711 400 539 456 525 111 511 72 478	156 154 130 519 622 525 525 131 536	150 400 131 613 660 520 545 134 557	550 133 13 13 13 576 611 131 535	536 832 474 625 660 621 650 434 619	600 225 430 657 720 663 786 592 688	650 1111 701 747 640 721 675 552 790	710 1221 816 625 930 757 950 592 851	850 1316 816 870 1080 774 1050 616 922	950 1453 970 936 816 1167 721 1012	990 1617 1010 1059 2060 689 1335 721	1136 1779 1040 1227 1080 1020 1020 1490 778 1194	1136 1861 1042 5238 1080 1152 1437 779 1223
Hest Hountein Arizona Colorado Idaho Hontana Hew da Hew Hexico Utah Hew Hexico Utah Houting Kountain firg. Pacific Alaska California (1) Hawaii	111 576 356 171 519 156 160 110 160 402 645 233	111 593 390 515 190 110 467 172 472 472 223	111 638 380 529 529 529 529 529 529 110 179 779 772 611 350	150 711 539 622 155 111 511 772 678	156 755 130 519 622 520 525 131 535	450 900 431 613 660 520 545 134 557 512	550 915 13 13 13 130 576 611 131 535 512	536 932 474 650 621 630 434 613	600 535 450 657 720 665 786 552 688	650 1111 701 747 040 741 075 552 780	710 1221 816 925 930 757 950 592 851 851	850 1316 816 870 1090 774 1050 616 922 708	950 1453 970 936 1090 816 1167 721 1012 958	930 1617 1010 1059 2063 689 1335 721 1069 1099	1136 1779 1040 1227 1060 1020 1490 776 1194 12. J 1347	1196 1861 1012 5239 1080 1152 1437 770 1223 123 1294 1473
Hest Hountein Arizona Colorado Idaho Montana Hew Haxico Utah Hyoning Kountain Avg. Pacific Alaska California (1) Haweii Dregon	111 576 356 171 519 156 100 110 160 402 645 233 531	111 593 590 187 5156 190 110 167 472 611 223 510	111 638 380 529 521 490 110 179 472 611	450 711 400 539 456 525 111 511 72 478	156 754 130 519 622 520 525 131 535	150 000 131 613 660 520 513 131 557 512 710	550 915 139 13 576 611 431 595 512 731	536 932 474 625 660 621 639 619 522 731	600 925 130 657 720 663 786 392 688 132 786 132 767 480	650 1111 701 747 640 721 676 592 780 492 556	710 1221 816 625 930 757 960 592 651 651	850 1316 816 870 1080 774 1050 616 922 708 1361 710	950 1453 970 936 1060 816 1167 721 1012 958 1346 910	930 1617 1003 1059 1059 1335 721 1066 1092 1346 910	1136 1779 1040 1227 1060 1020 1190 776 1194 12. J 1347 1000	1156 1861 1012 1238 1080 1152 1437 779 1223 1298 1473 1090
Hest Hountain Arizona Colorado Idaho Hontana Hevada Hew Hexico Utah Hyoning Hountain Arg. Pacific Alaska California (1) Hawaii Oragon Hashington	111 576 356 171 519 156 100 110 100 100 100 100 233 531 561	111 593 390 187 5156 180 110 167 172 611 223 561	111 638 529 529 529 529 529 529 529 529 529 529	150 7110 5539 522 155 111 511 724 788 564	156 754 130 519 622 525 131 525 131 536 172 178 739 7561	150 001 613 660 515 137 577 512 710 778 660	550 915 13 13 13 576 611 431 595 512 731 4789 607	536 892 474 625 660 621 619 522 731 470	600 795 450 657 720 663 786 592 688 492 767	650 1111 701 747 040 721 076 532 790 452 556 460	710 1221 016 025 970 757 950 592 051 689 1175 400	850 1316 816 870 1080 774 1050 616 922 708 1361	950 1153 970 936 1080 816 1167 721 1012 958 1346	930 1617 1010 1059 2063 1335 72: 1099 1099 1092 1346 910 1487	1136 1779 1040 1227 1060 1020 1490 778 1194 12. J 1347	1136 1861 1042 5238 1080 1152 1437 779 1223 1238 1473 1090 1555
Hest Hountein Arizona Colorado Idaho Montana Hew Haxico Utah Hyoning Kountain Avg. Pacific Alaska California (1) Haweii Dregon	111 576 356 171 519 156 100 110 160 402 645 233 531	111 593 590 187 5156 190 110 167 472 611 223 510	111 638 380 529 521 756 490 110 779 472 641 350 573	150 711 400 539 525 525 111 511 772 678 678	156 756 130 519 622 525 431 536 472 610 739	150 431 613 660 515 515 715 712 710 478 710	550 915 139 130 510 511 731 170 789	556 932 474 625 660 621 639 619 522 731 470 860	600 225 430 657 720 663 786 532 688 432 767 480 969	650 1111 701 747 910 741 976 532 780 492 956 492 956 492 956	710 1221 816 625 930 757 950 592 651 609 1175 400 1390	850 1316 616 670 1090 774 1050 616 922 708 1361 710 1433	950 1453 970 936 1080 816 1167 721 1012 958 1346 910 1442	930 1617 1003 1059 1059 1335 721 1066 1092 1346 910	1136 1779 1040 1227 1060 1020 1190 776 1194 12. J 1347 1000	1156 1861 1012 1238 1080 1152 1437 779 1223 1238 1238 1473 1090
Hest Hountein Arizona Colorado Idaho Montana Hew Haxico Utah Hyoning Kountain Avg. Pacific Alaska California (1) Haweii Dregon Hashington Pacific Avg.	111 576 356 171 519 156 100 110 160 402 645 233 531 561 475	111 593 5156 1107 5156 110 110 167 171 220 561 9	111 638 380 529 529 521 556 490 110 779 772 611 350 573 561	150 711 400 539 2456 525 111 511 72 98 264 564 562	156 756 130 519 622 525 431 536 472 610 739 561 560	150 131 613 660 520 515 131 557 512 710 478 740 660 620	550 915 133 130 576 641 434 595 512 731 470 789 697 339	536 832 474 625 621 630 619 522 731 470 607 634	600 225 430 657 720 663 786 532 688 432 767 480 969 687 673	650 1111 701 747 670 721 675 592 780 490 492 956 490 1190 1190 1195 835	710 1221 616 625 930 592 651 669 1175 1390 1176 730	850 1316 616 670 1090 774 1050 616 922 708 1361 1351 1308 1104	950 1453 970 936 1060 816 1167 721 1012 958 1346 910 1442 1306 1193	930 1617 1005 083 1335 72: 1099 1346 910 1487 1605 1288	1136 1779 1040 1227 1060 1020 1190 778 1194 12. J 1347 1605 1344	1136 1861 1042 5238 1080 1152 1437 779 1223 1236 1473 1090 1555 1731 8429
Hest Hountain Arizona Colorado Idaho Hontana Hevada Heu Hexico Utah Hyoning Hyoning Hyoning Hyoning Hyoning Hyonin Arg. Pecific Alaska California (1) Hausii Oregon Hashington Pacific Arg. Hest Arg.	111 576 356 171 519 156 100 110 160 402 645 233 531 554 175 564	111 593 300 107 5156 100 110 167 172 611 223 561 99 175	111 638 529 529 529 529 529 529 529 529 529 529	150 711 400 539 525 111 511 724 788 564 562 533	156 734 130 519 622 520 525 131 535 172 610 739 561 560 553	150 491 613 660 515 134 557 512 710 478 660 620 501	550 915 13 13 13 13 13 13 515 511 731 170 731 731 731 731 607 339 612	556 892 474 625 650 424 650 424 619 522 731 470 607 656 633	600 535 450 657 720 665 786 532 688 432 767 480 969 679 679 685	650 1111 701 747 610 741 676 592 780 192 195 635 635 601	710 1221 6125 930 757 950 592 651 1175 400 1390 1176 1176 210 901	850 1316 816 870 1090 774 1050 616 922 708 1361 710 1351 710 1336 1308 2104 992	950 1453 970 936 1080 816 816 1167 721 1012 958 1346 910 1442 1509 1193 1081	930 1617 1010 1059 2060 689 1335 72% 1086 1096 1336 910 1487 1605 1288 1165	1136 1779 1040 1227 1080 1020 1490 778 1194 12.J 1347 1000 1497 1605 1344 1251	1196 1861 1012 1238 1080 1152 1437 770 1223 1298 1473 1090 1555 1731 \$429 1302
Hest Hountein Arizona Colorado Idaho Hontana Hevada Hevatho He	111 576 356 171 519 156 100 110 160 402 645 233 531 561 475	111 593 5156 1107 5156 110 110 167 171 220 561 9	111 638 380 529 529 521 556 490 110 779 772 611 350 573 561	150 711 400 539 2456 525 111 511 72 98 264 564 562	156 756 130 519 622 525 431 536 472 610 739 561 560	150 131 613 660 520 515 131 557 512 710 478 740 660 620	550 915 133 13 13 576 641 434 535 512 731 479 697 639 612 5.272	556 932 474 625 660 621 650 621 650 619 522 731 470 660 687 656 633 3.433	600 225 130 657 720 663 786 352 689 132 767 480 969 697 675 685 8.182	650 1111 701 747 610 721 676 592 790 192 556 490 1150 1055 601 17.022	710 1221 816 625 930 592 851 660 1390 1390 1390 1390 1390 12, 132	850 1316 816 870 1090 774 1050 616 922 708 1361 1351 1308 1104 952 10.09x	950 1453 970 936 816 1167 721 1012 958 1346 910 1442 1508 1142 1508 1193	930 1617 1010 1059 2080 889 1335 72:, 1092 1336 1092 1336 1092 1346 910 1487 1605 1288 1165 7,712	1136 1779 1040 1227 1060 1020 1490 776 1194 12.J 1347 1000 1497 1605 1344 1251 7.452	1136 1061 1012 1238 1080 1152 1437 778 1223 1234 1473 1090 1555 1731 3429 1302 4.07z
Hest Hountein Arizona Colorado Idaho Montana Hevada Hew Haxico Utah Hyoning Kountain Arg. Pacific Alaska Celifornia (1) Haweii Oregon Hashington Pacific Arg. Hest Arg. Arauel Percent Change & Chenge Over 1378-73	111 576 356 171 519 156 100 110 160 402 645 645 233 531 564 175 466 0.002	111 593 300 167 5156 190 110 167 172 611 223 561 9 175 561 175 563	111 638 380 529 521 556 490 110 179 479 472 641 350 573 561 521 495 4.06x	150 711 400 539 525 525 111 511 172 619 564 564 564 565 533 7.67z	150 7554 130 519 622 525 431 536 472 618 178 739 561 560 553 3.60x	150 131 613 660 520 515 134 557 512 710 478 740 660 620 501 5.138	550 915 13 13 13 13 13 13 611 431 595 512 731 470 789 697 639 612 5.27# 5.00#	536 932 474 625 660 621 630 619 522 731 470 669 635 633 3.433 3.433	600 225 430 657 720 663 786 532 688 432 767 480 969 687 673 685 8.182 11.692	650 1111 701 747 670 721 676 552 780 490 195 856 480 1150 1059 835 601 17.02z 30.942	710 12216 625 930 592 651 1775 592 651 1775 1390 1390 1390 1176 730 1390 1176 12.13x 47.22x	850 1316 616 670 1090 771 1050 616 922 708 1361 1433 1306 1133 1306 1104 1433 1306 1104	950 1453 970 936 1080 816 1167 721 1012 958 1346 910 1442 1308 1193 1091 9.04z 76.732	930 1617 1010 1059 2063 1335 72, 1099 1336 910 1487 1609 1288 1165 7.71x 90.35x	1136 1779 1040 1227 1060 1020 1190 778 1194 12. J 1347 1605 1344 1251 7.452 104.542	1136 1861 1042 5238 1080 1152 1437 779 1223 1236 1473 1090 1555 1731 5429 1302 4.07z 112.662
Hest Hountein Arizona Colorado Idaho Hontana Hevada Hevatho He	111 576 356 171 519 156 100 110 160 402 645 233 531 554 175 564	111 593 300 107 5156 100 110 167 172 611 223 561 99 175	111 638 529 529 529 529 529 529 529 529 529 529	150 711 400 539 525 111 511 724 788 564 562 533	156 734 130 519 622 520 525 131 535 172 610 739 561 560 553	150 491 613 660 515 134 557 512 710 478 660 620 501	550 915 133 13 13 576 641 434 535 512 731 479 697 639 612 5.272	556 932 474 625 660 621 650 631 619 522 731 470 660 687 656 633 3.433	600 225 130 657 720 663 786 352 689 132 767 480 969 697 675 685 8.182	650 1111 701 747 610 721 676 592 790 192 556 490 1150 1055 601 17.022	710 1221 816 625 930 592 851 851 1175 400 1390 1390 1390 1390 12, 132	850 1316 816 870 1090 774 1050 616 922 708 1361 1351 1308 1104 952 10.09x	950 1453 970 936 816 1167 721 1012 958 1346 910 1442 1508 1142 1508 1193	930 1617 1010 1059 2080 889 1335 72:, 1092 1336 1092 1336 1092 1346 910 1487 1605 1288 1165 7,71x	1136 1779 1040 1227 1060 1020 1490 776 1194 12.J 1347 1000 1497 1605 1344 1251 7.452	1136 1061 1012 1238 1080 1152 1437 779 1223 1294 1473 1090 1555 1731 3429 1302 4.072
Hest Hountein Arizona Colorado Idaho Montana Hevada Hew Haxico Utah Hyoning Kountain Arg. Pacific Alaska California (1) Haweii Dregon Hashington Pacific Arg. Hest Arg. Arizuel Percent Change & Change Over 1972-73 National Average	111 576 356 171 519 156 100 110 160 402 645 645 233 531 564 175 466 0.002	111 593 300 167 5156 190 110 167 172 611 223 561 9 175 561 175 563	111 638 380 529 521 556 490 110 179 479 472 641 350 573 561 521 495 4.06x	150 711 400 539 525 525 111 511 172 619 564 564 564 565 533 7.67z	150 7554 130 519 622 525 431 536 472 618 178 739 561 560 553 3.60x	150 000 191 613 660 520 545 191 557 512 710 660 557 512 710 660 557 512 710 557 201 5.13x 21.77z	550 915 133 13 576 641 431 535 512 731 479 789 607 339 612 5.272 5.272 0.002 31.342	556 932 474 625 660 621 650 619 522 731 479 669 656 656 633 3.433 3.433 3.433 3.435	600 225 430 657 720 663 786 332 688 490 969 607 675 685 9.182 11.692 46.963	650 1111 701 747 610 721 675 592 790 192 556 790 192 556 190 1955 601 17.022 30.912 71.94	710 1221 016 025 930 592 051 0592 051 175 400 1390 1390 1390 1390 12,-13g 47,-22g 93,-56g	850 1316 816 870 1090 774 1050 616 922 708 13561 133 1308 1133 1308 1104 992 10.09x 62.002 112.96x	950 1453 970 936 816 1167 721 1012 958 1346 910 1442 1509 1193 1091 9.04% 76.732 132.12%	930 1617 1010 1059 2060 689 1335 72; 1092 1336 1092 1336 1092 1346 1092 1346 1197 1288 1165 7.71x 90.33x 150.022	1136 1779 1040 1227 1080 1020 1490 778 1194 12.J 1347 1000 1497 1605 1344 1251 7.452 104.552 164.552	1136 1012 1238 1080 1152 1437 1223 1234 1473 1234 1473 1090 1555 1731 1555 1731 1302 4.072 112.662 179.572
Hest Hountain Arizona Colorado Idaho Hontana Hev Hanico Utah Hyoning Hountain Arg. Pacific Alaska California (1) Hausii Oragon Hashington Pacific Arg. Hest Arg. Arizuel Percent Change & Change Over 1978-79 2 Change Over 1978-73 3 Change Over 1972-73	111 576 356 171 519 156 160 110 160 160 160 102 645 233 531 561 175 166 0.002 0.003	111 593 500 107 515 156 190 110 167 172 611 203 561 199 175 2.03 2.03 2	111 638 300 529 521 156 400 110 179 472 641 350 573 561 521 495 1.04z 6.19z	150 711 400 539 525 525 111 511 511 511 511 511 511 511	450 754 130 519 622 525 431 536 472 640 170 739 560 553 3.00x 10.662	150 000 131 613 660 520 515 134 557 512 710 478 740 660 620 501 5.13x 24.77x 717	550 915 13 13 13 13 13 611 431 595 512 731 439 697 339 697 339 612 5.27#	556 932 474 625 660 621 619 522 731 470 607 654 633 3.432 3.432 3.432 3.432 3.432 3.432	600 225 430 657 720 663 786 532 688 432 767 420 969 687 673 685 8.182 11.692 46.962 890	650 1111 701 747 670 721 676 552 780 492 556 480 1150 1059 835 601 17.02z 71.54 4	710 1211 625 930 592 651 175 1390 1390 1390 1390 1390 1176 730 1390 112, 132 47, 222 93, 362	850 1316 670 1090 774 1050 616 922 708 1361 710 1433 1306 1104 992 10.09x 62.062 112.66x	950 1453 970 936 1080 816 1167 721 1012 958 1346 910 1442 1308 1193 1091 9.04x 76.732 132.12x	930 1617 1010 1059 2089 1335 72% 1099 1336 910 1487 1605 1288 1165 7.71x 90.35x 150.02x 1477	1136 1779 1040 1227 1060 1020 1190 778 1194 12. J 1347 1040 1497 1605 1344 1251 7.452 104.542 104.542	1136 1061 1012 1238 1080 1152 1437 779 1223 1236 1473 1090 1555 1731 \$429 1302 4.07z 112.662 179.57z 1701
Hest Hountein Arizona Colorado Idaho Montana Hevada Hev Hexico Ulah Hyoning Kountain Arg. Pacific Alaska California (1) Haueii Oregon Hashington Pacific Arg. Hest Arg. Arizel Percent Change & Change Over 1972-73 National Average Parcent Change & Cha. United States (1) Heat Arg.	111 576 356 171 519 156 190 110 160 100 645 233 531 564 175 564 175 564 175 564 175 564 233 531 564 175 564 233 531 564 175 564 233 564 175 564 233 564 175 564 175 564 175 564 175 566 170 100 100 100 100 100 100 100 100 100	111 593 300 167 51: 156 190 110 167 172 611 223 561 199 175 2.03x 2.03x 570	111 638 300 529 521 156 400 110 179 472 611 350 573 561 521 495 1.04x 6.15z 593	150 711 400 539 622 426 525 111 511 472 648 564 565 565 566 565 566 567 7.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.67 11.	150 754 130 519 622 525 431 536 472 610 170 735 561 500 553 3.00x 10.68x 677	150 000 191 613 660 520 545 191 557 512 710 660 557 512 710 660 557 512 710 557 201 5.13x 21.77z	550 915 133 13 576 641 431 535 512 731 479 789 607 339 612 5.272 5.272 0.002 31.342	556 932 474 625 660 621 650 619 522 731 479 669 656 656 633 3.433 3.433 3.433 3.435	600 225 430 657 720 663 786 332 688 490 969 607 675 685 9.182 11.692 46.963	650 1111 701 747 670 741 675 592 780 195 635 601 17.022 71.94 1017 15.502	710 1221 615 625 930 592 651 669 1175 400 1390 1176 1390 1176 1390 1176 1390 1176 1390 1176 11,712	850 1316 816 870 1060 1050 616 922 708 1361 710 1433 1308 1104 932 10.09x 112.66x 1274 12.12x	950 1453 970 956 1080 816 1167 721 1012 958 1346 910 1442 1508 1193 1091 9.04% 7.05% 132.12%	930 15 17 10 10 1059 2063 1335 72% 1066 1032 1346 910 1487 1605 1288 1165 7.71% 90.35% 150.02% 1477 7.94%	1136 1779 1040 1227 1060 1020 1490 778 1194 12.J 1347 1000 1497 1605 1344 1251 7.452 164.542 164.542 1591 7.682	1196 1061 1012 1238 1080 1152 1137 770 1223 1298 1473 1090 1555 1731 \$429 1302 4.072 4.072 179.572 1701 6.562
Hest Hountain Arizona Colorado Idaho Hontana Heveda Heveda Heveda Heveda Heveda Heveda Heveda Heveda Heveda Heveda Heveda Colorado Heveda Heveda Colorado Heveda Colorado Heveda Colorado Heveda California California California California California California California California California California California California California California California California California California Hest Avg. Hest Avg. Arized Percent Change & Change Over 1972-73 National Average Percent Change	111 576 356 171 519 156 100 110 160 102 645 233 531 561 175 166 0.00x 0.00x 519	111 593 300 107 51: 156 190 110 167 172 611 223 561 199 175 2.03x 2.03x 570	111 638 300 529 521 156 400 110 179 472 611 350 573 561 521 495 1.04x 6.15z 593	150 711 400 539 525 111 511 511 172 619 564 564 564 564 565 7.67x 11.33x 628	150 754 130 519 622 525 431 536 472 610 170 735 561 500 553 3.00x 10.68x 677	150 000 131 613 660 520 515 134 557 512 710 478 740 660 620 501 5.13x 24.77x 717	550 915 13 13 10 576 641 434 595 512 731 470 789 607 339 612 5.272 0.004 31.342 737 5.582	556 932 474 625 660 624 650 731 470 667 656 633 3.13x 3.13x 3.13x 3.13x 906 6.51x	600 225 450 657 720 665 706 592 688 492 767 460 969 607 679 685 8.102 11.022 46.56X 990 9.203	650 1111 701 747 670 721 676 552 780 492 556 480 1150 1059 835 601 17.02z 71.54 4	710 1211 625 930 592 651 175 1390 1390 1390 1390 1390 1176 730 1390 112, 132 47, 222 93, 362	850 1316 670 1090 774 1050 616 922 708 1361 710 1433 1306 1104 992 10.09x 62.062 112.66x	950 1453 970 936 1080 816 1167 721 1012 958 1346 910 1442 1308 1193 1091 9.04x 76.732 132.12x	930 1617 1010 1059 2089 1335 72% 1099 1336 910 1487 1605 1288 1165 7.71x 90.35x 150.02x 1477	1136 1779 1040 1227 1060 1020 1190 778 1194 12. J 1347 1040 1497 1605 1344 1251 7.452 104.542 104.542	1136 1061 1012 1238 1080 1152 1437 779 1223 1236 1473 1090 1555 1731 \$429 1302 4.07z 112.662 179.57z 1701

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Table	3-2
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COLLEGES AND STATE UNIVERSITIES RESIDENT UNDERGRADUATE TUITION AND REQUIRED SEES, BY STATE, 1972-73 TO 1987-88

STATE	INST.	1972-73	1973-74	1974-75	1975-76	1976-77	1577-79	1978-79	1979-60	1580-91	1901-82	1992-83	1983-84	1961-85	1985-86	1996-87	1987-68
fil abana	5	133	151	466	479	532	556	562	658	697	016	922	1034	1075	1112	1210	1276
Aleska	0	f/8	N/A	H/8	9/8	M/A	N/8	N/A	H/G	H/8	N/A	8/8	8/A	H/A	N/8	H/A	N/A
frizona	1	304	330	336	390	400	400	500	500	600	650	710	850	950	330	1136	1196
Arkansas	4	-105	405	105	105	-105	490	491	-981	\$00	715	735	798	798	829	909	1083
California (D	11	161	161	194	194	195	200	205	209	223	279	(17	699	667	673	687	769
Colorado	5	392	427	-157	179	502	510	500	601	698	787	892	156	1029	1111	1214	1269
Connecticut	3	515	515	576	576	660	673	695	713	736	812	906	1023	1113	1147	1211	12_9
Delaware	0	N/8	N/8	8/3	H/B	H/A	N/8	H/A	H/A	8/8	H/C	H/8	N/8	H/A	N/A	N/A	N/A
Florida (1) (2)	.5	570	570	58.5	653	709	709	709	709	709	739	795	798	713	775	812	852
Georgia		400	109	422	476	517	523	532	560	651	496	200	912	1039	1153	1259	1335
Havaii	0	H/A	N/A	H/A	N/A	H/6	N/R	N/A	H/B	N/A	K/A	8/8	1/A	8/A	H/8	N/A	N/8
Idaho (1)	2	355	365	381	396	389	368	766	465	474	685	603	011	1009	1059	1037	1049
Illino(_	5	596	573	573	575	582	679	704	745	807	955	1071	1176	1335	1121	1515	1616
Indiana	2	615	615	720	729	720	795	840	900	975	1113	1275	1364	1459	1548	1656	1764
Icua	1	600	603	600	630	630	694	691	774	774	900	\$90	1050	1194	1212	1324	1549
Kenses	- 1		119	460	468	132	585	601	607	\$ 55	790	811	933	1010	1142	1202	1213
Kentucky	5	365	420	420	420	120	190	490	520	580	626	720	836	033	954	1024	1145
Louisiana	7	301	312	31 :	401	401	460	-169	- 183	503	588	689	702	035	1062	1128	1309
Haine	3	446	115	510	628	615	765	919	550	\$63	1203	1360	1453	1453	1153	1463	1520
tlary1 and	6	427	566	611	615	655	771	787	829	947	1103	1218	1347	1113	1563	1660	1760
Hassachusatts	•	317	368	368	502	589	632	611	661	770	916	1065	1091	1189	1259	1266	1310
ilichi gen	6	525	545	559	621	727	781	934	501	1018	1225	1359	1475	1539	1510	1557	1675
Hinnysota	6	453	158	158	519	545	\$96	608	618	714	776	971	1216	1402	1519	1583	1617
Hississippi	5	-135	139	142	Sir	566	566	599	729	765	830	973	932	1043	1160	1519	1595
Hissouri (1)	5	307	307	3:25	327	337	361	396	394	420	549	613	760	610	958	1066	1219
Nontana	2	133	412	% 7	471	176	497	437	197	533	602	656	751	\$10	911	1115	11-16
Hebraska	2	-121	530	515	\$50	557	559	607	637	674	750	748	811	\$58	1006	1091	1115
Hoveda	1	532	532	532	510	582	720	720	720	729	ê10	930	1060	1070	1090	1080	1080
Hew Hampshire	2	720	720	720	736	833	851	567	365	1082	1353	14%	1588	1720	1926	1909	2000
tion Jersey	7	637	637	667	667	819	850	058	891	976	1977	1239	13%	1/150	1591	1742	1681
Hest Menico	1	333	333	333	333	343	313	256	102	429	511	531	531	600	600	839	958
Hest York (1)	10	765	777	920	\$20	851	867	895	597	598	1158	1139	1452	1475	1472	1437	1478
Horth Carolina	5	156	173	-165	463	-199	523	531	545	568	613	662	715	7%	759	797	847
Horth Dakota	1	400	105	121	470	-173	432	463	589	593	659	699	862	913	1031	1125	1225
Ohio	1	754	761	761	768	633	80 %	930	551	1081	1300	1468	1614	1683	1755	1925	1989
Ok1 ahona	6	340	313	346	346	-107	407	407	405	151	454	520	556	601	601	652	790
Oregon	1	510	556	589	650	693	729	767	619	933	1196	2352	1392	1408	1458	1468	1521
Pennsylvania	11	722	772	823	\$ 84	891	965	1043	1051	1215	1267	1627	1612	1736	1793	1882	2039
Rhode 1sland	1	190	150	511	605	610	625	674	730	782	851	930	1070	1162	1234	1290	1392
South Carolina	1	410	110	110	410	410	460	500	550	620	680	860	910	1020	1020	1100	1540
South Bekota	3	460	522	513	592	623	628	693	726	829	905	993	1119	1217	1324	1117	1199
Tennessee	6	365	372	401	410	178	478	479	51-	533	663	740	740	833	911	1054	1129
Taxas	9	258	296	293	327	327	310	348	382	391	397	397	477	477	741	886	886
Utah	1	405	105	132	465	-171	522	558	588	630	705	762	910	876	951	1069	1095
Vernont (1)	2	812	812	723	723	723	723	₹ 2 5	1113	1200	1151	1639	1941	2025	2164	2354	2182
Virginia	5	511	575	617	703	720	746	\$56	903	1009	1153	1327	1504	1731	1877	2077	2215
Heshington	1	195	195	507	507	507	591	618	618	618	667	512	1017	1017	1212	1212	1272
Hest Virginia	7	255	262	266	313	321	327	359	365	376	46.0	597	765	017	863	921	1008
Hisconsin	1	533	589	616	654	692	719	761	822	080	\$20	1041	1104	1206	1304	1437	1564
Wyoning	0	H/fl	H/A	H/R	N/N	H/A	K/#	H/11	R/8	H/B	H/B	8/8	11/A	H/A	N/A	H/A	N/A
National Average Procent Change		166	-195 1.003	503 3.762	531 5.702	561 5-493	590 6.713	630 5.278	672	728	841	912	1011	1121	1200	1290	1380

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Table 3-2A

COLLEGES MO STATE UNIVERSITIES RESIDENT UNDERGRADUATE TLITION CHO REQUIRED FEES, BY STATE AND CENSUS REDICHS, 1972-73 TO 1997-89

					-												
State	INST.	1972-73	1973-74	1974-75	1975-7	1976-77	1977-78	1978-79	1379-60	1980-01	1991-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
		72	73	74	75	76	77	78	79	80	81	82	63	84	\$5	85	87
Hortheast																	
Hew England	_																
Connecticut	3	515	515	576	576	668	679	695	710	736	912	\$06	1023	1113	1147	1211	1329
Haine	3	116	116	510	629	645	789	919	950	963	1203	1360	1453	1453	1453	1463	1520
Nussachusetts		317	34.0	368	502	563	632	641	661	770	915	1065	1091	1169	1255	1266	1310
Hers Hampshire	2	720	720	763	736	636	851	567	386	1082	1599	1440	1569	1720	1926	1909	2000
Rhode 1sland	1	190	190	511	605	610	625	674	730	792	654	738	1070	1162	1234	1250	1392
Vernont (1)	2	612	842	723	723	723	723	825	1143	1200	1451	1639	1841	2025	2164	2354	2482
Hew England fivg.		. 555	564	574	620	679	717	787	863	922	1105	1226	1343	1444	1514	1585	1672
Niddle Ricentic																	
Hext Jersey	7	637	607	567	667	919	858	858	\$91	976	10	1239	1396	1450	1591	1742	1881
Hent York (1)	10	745	777	620	620	641	867	4:15	597	593	1136	1138	1452	1 /5	1472	1437	1478
Pennsylvania	11	722	277	823	634	894	965	1049	1051	1216	1267	1627	1612	\$736	1793	1882	2039
Hiddle Atlantic Avy.		709	729	770	790	655	3 97	934	976	1063	1161	1335	1497	1554	1619	1687	1799
* Hortheast Average		606	619	610	682	737	777	836	901	569	1124	1262	1394	1490	1549	1621	1715
Annual Percent Change		0.003	2.071	3.402	5.69z	0.06z	5.302	7.64#	7.794	7.572		12.292	10.412	6.192		4.642	5.752
2 Chg. Over 1978-79								0.002	7.793	15.95%	31.182	51.002	66.772	77.082	85.252	93.372	105.122
2 Chg. Over 1972-73		0.001	2.073	: 5.544	12.60	21.692	28.152	37.912	10.683	59.942	65.50%	109.252					162.932
Morth Central																	
East Horth Central																	
Illinois	5	586	523	573	579	582	678	704	745	697	955	1074	\$176	1335	1424	1515	1616
Indiana	2	615	613	720	720	720	795	840	\$00	975	1113	1275	1364	1159	1548	1656	1764
Hichigan	6	525	545	599	624	727	781	834	901	1010	1225	1359	1474	1538	1549	1578	1675
Ohio	- 4	754	761	761	783	823	260	930	994	1035	1300	1468	1614	1683	1756	1826	1989
Hisconsin	- 4	533	589	616	654	692	719	761	022	620	\$2 0	1041	1104	1206	1304	1437	156-9
East Horth Central Ryg.		603	623	654	673	705	772	814	872	951	1163	1249	13-16	24 75	1514	1602	1722
Hest Horth Central																	
lowa	1	600	600	600	630	\$30	694	691	774	774	909	\$99	1050	1194	1212	1224	1540
Kansas		411	-119	460	-163	182	569	601	607	666	780	911	933	1010	1112	1202	1243
Hinnesota	6	153	458	158	519	545	596	609	6:18	714	775	974	1216	1402	1519	1583	1617
hissouri (1)	5	307	307	325	328	337	361	395	354	120	549	618	766	610	958	1065	1218
Nebraska	2	421	530	515	550	557	559	607	637	674	750	7-19	911	\$58	1006	1084	1145
Horth Dakata	- 4	400	105	421	470	-173	482	-1633	569	533	699	699	862	313	1031	1125	1226
South Dakota	3	460	522	513	592	623	629	693	725	829	905	993	1119	1217	1324	1447	1499
Hest Hurth Central Avg.		436	-67	479	500	521	558	543	425	667	765	030	969	1075	1175	1262	1357
Horth Central Average		506	532	552	577	599	6-18	679	729	785	305	1007	1126	1229	1315	1404	1509
Annual Percent Change		0.00	5.211	r 3.71x	- 1.53 z	3.902	8.072		7.197		15.37#	11.12×		9.162	7.052	6.642	7.192
Z Chg. Over 1979 79								0.002	7.193	15.618		48.202		60.982	93.772		122.112
2 Chg. Over 1972-73		0.00	1 5.21	9.113	14.06z	18.512	28.072	31.332	43.981	55.292	79.152	59.082	122.682	143.112	160.282	177.572	198.352

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South South Atlantic																	
Delaware	0	H/A	H/A	H/A	K/8	N /A	8/A										
Florida (1) (2)	Š	570	570	585	653	703	709	N/A 709	N/R 709	H/8	H/A	H/A	H/A	H/A	H/A	H/A	N/8
Paorgia	8	100	109	422	476	517	525	532	569	709 651	758 696	795 800	798 912	713	775	615	852
 aryland 	6	-127	566	611	615	699	771	787	829	917	1103	1210	1317	1039 1413	1153	1259	1335
North Cerolina	5	-156	473	-199	-108	468	523	531	545	568	619	662	715	736	1563 759	1660	1780
South Carolina	1	410	410	410	410	119	460	500	550	620	660	860	940	1020	1020	797 1100	017 1310
Vicginia Hest Virginia	57	511	575	617	703	720	746	856	903	1003	1153	1327	1501	1731	1877	2077	2215
South Atlantic Avg.	ſ	255 537	262	266	313	321	327	359	365	376	468	597	765	617	863	921	1008
journ numeric my.		201	166	406	527	552	581	611	638	697	787	894	997	1071	1144	1233	1310
East South Central																	
Alabana	5	133	-151	166	173	532	556	562	653	697	816						
Kentucký	5	365	120	120	120	120	190	468	520	580	626	922 720	1031 836	1075	1112	1219	1276
Hi sai ssippi	5	136	139	-112	472	565	566	533	725	765	830	873	932	638 1013	951	1021	1145
Tennessee	6	365	372	401	450	478	-178	178	519	533	653	740	740	833	1180 911	1519 1051	1595
East South Central Avg.		400	421	-132	-153	499	520	530	601	611	731	611	806	962	1039	1201	1 129 1286
Nest South Central																2001	1200
Arkansas	4	105	105	105	505	405											
Louisiana	i	304	312	317	401	404	-100 -160	491	181	600	715	735	798	799	628	909	1093
Oklahona	Ġ.	340	313	345	3%	107	107	-%8 -107	183 103	393 151	588 151	689	702	835	1062	1128	1309
Теная	9	259	206	259	327	327	3-90	349	373	354	707 397	520 297	556	601	601	652	790
Hest South Central flvg.		327	337	315	371	395	421	425	138	508	539	565	177 633	177 679	711 809	685	686
<i>a</i>														010	609	691	1017
South Average Annual Percent Change		399 0.002	120	135	465	191	523	510	576	632	705	790	870	937	1027	1135	1239
2 Chg. Over 1972-79		0.002	5.458	3.692	7.002	6.032	5.90z	3.328	6.63z	9.83z	11.702	11.07z	10.142	7.68z	9.55z	10.502	9.232
* Chg. Over 1972-73		0.00z	5.152	9.332	16.952	24.042	31.372	6.C02	6.632	17.112	30.812	46.352	61.192	73.572	90.15%	110.112	129.512
							•••••	35.728	41.728	58.952	77.552	98.537	113.77#	155.57#	15 9. 08 x	165.17x	211.192
Heat						2	•••••	JJ.164	11.164	30.334	11.355	98.537	113.778	155.572	159.08X	165.172	211.192
Nountain	_							JJ.128	71.744	39.734	11.325	39.233	119.778	155.572	15 9. 08x	165.17x	211.192
Nountain Arizona	1	301	330	336	330	100	16.)	500	500	600	6 50	710	650				
Nountain Arizone Colorado	5	392	330 -27	335 157	300 178	1 00 502	10.) 510	500 580	500 601	600 699	650 787	710 892		950 1029	159.08z 990 1111	1136	1196
Nountain Arizona	5	392 365	330 -27 346	335 157 391	300 178 306	100 502 348	10.) 510 368	500 580 397	500 601 456	600 699 171	650 787 685	710 892 603	650 971 911	950 1029 1009	990 1111 1019		
Hountain Ariaona Colorado Idaho (1) Hontana Hevada	5	392 365 130	330 -27 346 412	336 157 391 167	300 178 396 171	100 502 368 176	16.) 510 368 197	500 580 397 497	500 601 456 457	600 699 171 533	650 787 685 602	710 892 603 656	850 971 818 751	950 1029 1009 810	990 1111 1019 917	11 36 1211	1 196 1269
tiountain Ariaona Colorado Idaho (1) Hontana	522	392 365	330 -27 346 442 532	336 157 391 167 532	300 178 306 471 510	100 502 348 176 502	16.) 510 388 497 720	500 580 397 497 720	500 601 456 497 720	600 699 474 533 720	650 787 685 602 840	710 892 803 656 130	650 971 811 751 10,10	950 1029 1009 810 1060	990 1111 1019 917 1060	1136 1214 1037 1146 1090	1 196 1269 1019 11 16 1080
Nountain Ariaona Colorado Idaho (1) Montana Hew Moxico Utah	5 2 1 1 1	392 365 130 532 313 405	330 -27 346 412	336 157 391 167	300 178 396 171	100 502 368 176	16.) 510 368 497 720 313	500 580 397 497 720 356	500 601 456 497 720 902	600 699 474 533 720 429	650 787 695 602 840 511	710 892 803 656 "30 531	650 971 011 751 10,10 53 t	950 1029 1009 810 1060 600	990 1111 1019 917 1060 600	1136 1211 1037 1146 1090 726	1 196 1269 1019 1146 1080 958
Hountain Arizona Colorado Idaho (1) Hontane Hevada Hew Hoxico Utah Hyoting	5 2 2 1 1	392 365 130 532 373 105 H/R	330 -27 346 412 333 333 105 11/A	336 157 591 167 532 333 132 H/A	300 178 306 171 510 333	100 502 348 176 582 313	16.) 510 388 497 720	500 580 397 497 720	500 601 456 457 720 902 598	600 699 474 533 720 429 633	650 787 685 602 850 511 705	710 892 603 656 130 131 762	650 971 011 751 10,10 53 t 810	950 1029 1009 610 1080 600 876	990 1111 1019 917 1080 600 951	1136 1214 1037 1146 1090 726 1069	1 196 1269 1019 1146 1080 958 1075
Nountain Ariaona Colorado Idaho (1) Montana Hew Moxico Utah	5 2 1 1 1	392 365 130 532 313 405	330 ·27 346 412 532 333 425	338 157 391 167 532 333 132	300 178 306 471 510 333 465	400 502 348 476 592 543 471	40.) 540 568 497 720 343 522	500 590 397 497 720 356 558	500 601 456 497 720 902	600 699 474 533 720 429	650 787 695 602 840 511	710 892 803 656 "30 531	650 971 011 751 10,10 53 t	950 1029 1009 610 1060 600 875 H/R	990 1111 1019 917 1080 600 951 H/A	1136 1214 1037 1146 1090 726 1769 8/8	1196 1269 1019 1116 1080 958 10%5 H/R
Nountain Ariaona Colorado Idaho (1) Montana Hew Moxico Utah Mountain Avg.	5 2 1 1 1	392 365 130 532 373 105 H/R	330 -27 346 412 333 333 105 11/A	336 157 591 167 532 333 132 H/A	380 178 386 171 510 333 465 N/R	100 502 348 176 592 313 471 8/1	400 540 569 497 720 543 522 N/R	500 590 397 497 720 355 558 8/8	500 601 456 457 720 599 1/8	600 699 474 533 720 429 633 K/R	650 787 695 602 610 511 705 N/R	710 892 603 656 530 531 762 8/A	650 971 011 751 10/0 531 810 H/4	950 1029 1009 610 1060 600 876	990 1111 1019 917 1080 600 951	1136 1214 1037 1146 1090 726 1069	1 196 1269 1019 1146 1080 958 1075
Hountain Arizona Colorado Idaho (1) Hontana Hevada Hev Honico Utah Hyoning	5221119	392 365 130 532 373 405 N/A 376	330 -27 346 442 333 425 11/8 105	335 757 391 752 533 732 132 132 14 720	300 178 306 171 510 511 511 511 511 511 515 817 8	100 502 348 476 593 471 8/8 471 8/8	40) 540 568 497 743 522 N/A 407	500 580 397 437 720 355 558 8/A 515	500 601 456 457 720 902 598 1/8 539	600 639 171 533 720 429 633 8/8 501	650 787 685 602 840 511 705 N/R 685	710 892 603 656 531 762 WA 755	850 971 011 751 10,10 531 810 H/4 829	950 1029 1009 810 1060 600 876 N/R 908	990 1111 1019 917 1080 600 951 H/A	1136 1214 1037 1146 1090 726 1769 8/8	1196 1269 1019 1116 1080 958 10%5 H/R
Nountain Prizona Colorado Idaho (1) Hontana Hevada Heva Honico Utah Heving Hountain Rrg. Pacific	5221110	392 365 130 532 373 105 H/R 376	330 -27 346 412 532 333 -235 11/A 105	336 157 391 532 333 132 14A 120	300 178 306 171 510 333 465 N/A 406	100 502 348 1502 313 171 8152 313 177 8152 317	40.) 540 560 497 720 343 522 N/A 407	500 590 397 417 720 355 558 515	500 601 456 457 720 902 598 8/8 539	600 699 174 533 720 429 633 8/8 584 N/R	650 787 693 693 693 840 511 705 705 705 705 705 705	710 892 603 656 130 531 762 WA 755	650 971 011 751 1000 53 t 810 H/4 629 H/A	950 1029 1009 810 1080 600 876 N/R 908 H/R	930 1111 1049 947 1060 600 951 M/A 961	1136 1214 1037 1146 1090 726 1769 8/8	1196 1269 1019 1116 1080 958 10%5 H/R
Nountain Ariaona Colorado Idaho (1) Hontana Hevada Heva Kontco Utah Honton Utah Honting Hountain Arg. Pacific Alaska	5221119	392 365 130 532 373 405 M/A 376 H/A 161	330 -27 346 412 532 333 203 10/A 103 10/A 161	335 157 391 1532 532 132 132 14A 120 N/A 191	320 178 326 171 510 333 465 N/A 406 N/A 191	100 502 3486 502 3436 502 3437 152 715 715 715	400 540 368 497 720 343 522 N/R 407 N/S 200	500 580 397 497 720 355 555 8/7 515 515 8/7 8	500 601 466 1720 720 598 10,8 533 10,8 203	600 699 174 533 720 429 633 8/8 384 N/R 223	650 787 685 602 840 511 705 840 511 705 840 840 840 840 840 840 840 840 840 840	710 892 603 656 730 531 762 M/A 755 H/A 417	650 971 011 751 1010 531 810 H/4 629 H/A 639	950 1029 1009 81060 1060 876 H/6 908 H/3 667	930 1111 1049 941 1060 600 951 878 961 873	1136 1211 1037 116 1090 726 1059 H/A 1058 H/A 637	1196 1269 1019 1116 1080 958 10%5 H/R 1113
Nountain Ariaona Colorado Idaho (1) Hontana Hevada Heva Honico Utah Hevala Hountain Avg. Pacific Alaska California (1) Hevali Oregon	5 2 2 1 1 1 2 0 1 0 1 0	392 365 130 532 373 105 H/R 376	330 -27 346 412 532 333 -235 11/A 105	336 157 391 532 333 132 14A 120	300 178 306 171 510 333 465 N/A 406	100 502 3476 592 3476 592 3471 8/75 8/75 8/75	103 510 519 513 513 513 513 513 512 1/8 1/8 1/8	500 597 797 720 556 #/A 515 N/A 517	500 601 456 457 720 598 1/8 539 1/8 539	600 699 174 533 720 429 635 8/8 584 N/R 223 N/R	650 787 685 602 810 511 705 8/8 695 8/8 8/8	710 892 603 656 730 531 762 N/A 755 N/A	650 971 011 751 10/0 534 810 H/4 629 H/A 639 H/A	950 1029 810 1080 810 800 875 H/R 308 H/R 308	930 1111 1019 911 1080 600 951 H/A 961 H/A 673 H/A	1136 1214 1037 1146 1090 725 1163 1/A 1058 H/A 507 H/A	1196 1269 1019 1116 1080 959 10:5 H/R 1113 H/R 769 H/R
Nountain Arizona Colorado Idaho (1) Hontane Hevada Hew Hoxico Utah Hyoring Hountain Avg. Pacific Alaska California (1) Hawali Dregon Weshington	5 2 2 1 1 2 0 11 0	392 365 532 373 105 105 105 105 105 105 105 105 105 105	330 -27 346 412 532 333 425 127 127 105 161 175	335 157 391 167 532 133 132 173 173 174 174 191 1,74 191 1,74 307	380 178 386 171 513 513 513 513 515 115 115 115 115 11	100 502 3486 502 3436 502 3437 152 715 715 715	46.) 568 568 197 205 713 522 8./8 197 8./8 200 8./8 200 720	5000 597 797 7555 81/8 515 81/8 515 81/8 515 81/8 515	5001 4766 4767 7902 598 1733 1702 598 1733 1702 533 1702 533 1702 533 1702 533 1702 533 1702 533 1702 533 1702 533 1702 533 1702 533	600 639 474 533 720 429 633 84 834 N/R 223 N/R 933	650 787 685 602 840 511 705 8/A 695 8/A 279 8/A 1186	710 892 603 656 531 762 8/78 755 8/78 175 1755	850 971 011 751 1000 531 810 H/4 829 H/A 699 H/A 1392	950 1029 1009 810 1080 600 876 908 H/R 308 H/R 567 N/R 109	930 1111 1019 917 1000 600 951 H/A 961 H/A 673 H/A 1159	1136 1214 1037 1146 1090 726 1769 H/A 1058 H/A 607 H/A 1358	1196 1269 1019 1116 1080 958 10:55 H/R 1113 H/R 769 H/R 1521
Nountain Ariaona Colorado Idaho (1) Hontana Hevada Heva Honico Utah Hevala Hountain Avg. Pacific Alaska California (1) Hevali Oregon	5 2 2 1 1 1 2 0 1 0 1 0	392 365 130 532 373 405 H/A 376 H/A 161 H/A 519	330 -27 346 412 333 -203 11/R 103 11/R 161 11/R 356	335 751 761 752 752 752 752 752 752 752 752 752 752	300 178 306 171 513 513 513 513 553 155 151 151 150	100 2348 3476 233 771 H 12 215 A 55	103 510 519 513 513 513 513 513 512 1/8 1/8 1/8	500 597 797 720 556 #/A 515 N/A 517	500 601 456 457 720 598 1/8 539 1/8 539	600 699 174 533 720 429 635 8/8 584 N/R 223 N/R	650 787 685 602 810 511 705 8/8 695 8/8 8/8	710 892 803 656 730 531 762 WA 755 WA 755 WA 147 WA 1351 942	850 971 011 751 1040 534 810 H/4 829 H/A 639 H/A 1392 1017	950 1029 1009 810 1080 600 876 H/R 308 H/R 308 H/R 108 1017	930 1111 1049 917 1060 951 1060 951 1060 951 1070 951 1070 673 1078 1212	1136 1214 1037 1146 1090 726 1769 H/A 1058 H/A 1058 1212	1196 1269 1019 1116 1080 958 10:5 K/A 1113 H/A 769 K/A 1521 1272
Nountain Ariaona Colorado Idaho (1) Hontana Hevada Hev Hoxico Utah Hyoning Hountain Rvg. Pacific Alaska California (1) Hevali Dregon Washington Pacific Avg.	5 2 2 1 1 1 2 0 1 0 1 0	392 365 130 532 373 405 H/A 376 H/A 161 H/A 518 518 518 518	330 -327 326 412 333 -235 12/8 103 161 11/8 256 195 101	335 157 391 167 532 132 132 147 120 191 1/A 191 1/A 191 1/A 191 1/A 191	300 178 306 1710 5113 455 171 5113 455 151 191 850 507 150	100 502 388 176 5813 171 N/1 195 8/35 1/55 N/15	46.) 5409 5409 7413 5228 497 143 5228 497 1497 1407 1408 7200 7291 501	5000 597 7755 558 851 515 8/07 7610 530	500 4756 4757 7902 599 17,79 539 17,79 539 17,79 618 559	600 639 474 533 720 429 633 834 838 84 823 84 833 618 591	650 787 695 602 810 511 705 N/A 693 N/A 1186 657	710 892 603 656 531 762 8/78 755 8/78 175 1755	850 971 011 751 1000 531 810 H/4 829 H/A 699 H/A 1392	950 1029 1009 810 1080 600 876 908 H/R 308 H/R 567 N/R 109	930 1111 1019 917 1000 600 951 H/A 961 H/A 673 H/A 1159	1136 1214 1037 1146 1090 726 1769 H/A 1058 H/A 607 H/A 1358	1196 1269 1019 1116 1080 958 10:55 H/R 1113 H/R 769 H/R 1521
Nountain Arizona Colorado Idaho (1) Montane Hevada Heva Hoxico Utah Hyoring Hountain Avg. Pacific Alaska California (1) Hawali Dregon Weshington Pacific Avg. Hest Average	5 2 2 1 1 1 2 0 1 0 1 0	392 355 353 532 532 533 405 H/A 161 H/A 518 495 391 334	330 -27 346 412 532 333 -235 1/A 105 161 1/A 161 1/A 556 195 101 105	335 157 391 167 532 132 132 173 173 173 174 191 1,7A 191 1,7A 191 1,7A 191 1,7A 191 1,7A 191 1,7A 191 1,7A 191 1,7A 1,7A 1,7A 1,7A 1,7A 1,7A 1,7A 1,7	308 378 3771 3773 3775 3775 3755 175 3755 175 175 175 175 175 175 175 175 175	100 502 388 176 582 313 177 8/7 507 507 5507 5507 5507 556	103 510 510 510 510 510 510 512 512 512 511 501 501 501	500 597 797 726 558 878 515 878 515 876 530 520	5001 4457 7202 5998 1475 555 1405 1455 1405 1455 555 555 555 555 555	600 659 174 533 720 429 633 878 833 878 833 878 933 618 591 586	650 787 695 602 810 511 705 N/A 693 N/A 1186 657	710 892 803 656 730 531 762 WA 755 WA 755 WA 147 WA 1351 942	850 971 011 751 1040 534 810 H/4 829 H/A 639 H/A 1392 1017	950 1029 1009 810 1080 600 876 H/R 308 H/R 308 H/R 108 1017	930 1111 1019 917 1000 951 873 961 873 873 874 1158 1212 1111	1136 1214 1037 1146 1090 726 1749 H/A 1058 H/A 1058 H/A 158 1212 1122	1196 1269 1019 1116 1080 958 10:5 H/R 1113 H/R 1521 1272 1187
Nountain Prisona Colorado Idaho (1) Hontane Hevada Hev Howico Utah Hyoring Hountain Rrg. Pacific Alaska California (1) Hauali Oregon Hestington Pacific Rrg. Hest Riverage Rnnual Percent Change	5 2 2 1 1 1 2 0 1 0 1 0	392 365 130 532 373 405 H/A 376 H/A 161 H/A 518 518 518 518	330 -327 326 412 333 425 1278 107 105 1178 161 1178 256 495 101	335 157 391 167 532 132 132 147 120 191 1/A 191 1/A 191 1/A 191 1/A 191	300 178 306 1710 533 455 151 1510 151 151 150 507 150	100 502 388 176 5813 171 N/1 195 8/35 1/55 N/15	46.) 5408 5409 7413 5228 143 5228 143 5228 1497 1407 1408 7200 1720 591 501	500 597 497 558 558 558 515 815 815 815 815 816 815 816 816 816 816 816 816 816 816 816 816	5001 4%6 17022 5%8 1033 1038 1033 1038 1033 1038 1033 1038 1033 1038	600 639 174 533 720 429 635 835 836 836 836 838 638 638 531 586 7.512	650 787 685 602 840 511 705 N/A 685 8/A 1186 877 7711 21.342	710 692 603 656 730 531 762 WA 755 H/A 1351 942 913 802 12.822	650 971 011 751 10/0 531 810 H/4 629 829 H/A 1392 1017 1036 091	950 1029 1003 610 1060 676 876 908 876 908 876 908 876 908 14/9 1017 1031	930 1111 1049 947 1060 951 1060 951 1060 951 1070 951 1070 673 1078 1212	1136 1214 1037 1146 1090 726 1769 H/A 1058 H/A 1058 1212	1196 1269 1019 1116 1080 958 10:5 K/A 1113 H/A 769 K/A 1521 1272
Nountain Arizona Colorado Idaho (1) Montane Hevada Heva Hoxico Utah Hyoring Hountain Avg. Pacific Alaska California (1) Hawali Dregon Weshington Pacific Avg. Hest Average	5 2 2 1 1 1 2 0 1 0 1 0	392 365 430 532 373 405 M/A 376 H/A 161 H/A 518 495 391 374 6.002	330 ·27 346 +12 333 +23 12/8 103 1/8 161 1/8 155 195 101 105 2.612	335 757 391 467 532 132 147 132 147 191 1/A 1/A 1/A 1/A 1/A 1/A 1/A 1/A 1/A 1/	300 178 306 1710 5133 465 1710 5133 465 191 1910 507 150 40 1.165	400 502 348 476 543 471 8/1 472 471 8/1 455 8/5 456 3.528	46.) 5468 497 7205 7213 522 8,78 497 8,78 497 8,00 8,791 7,912 7,912	500 597 775 558 851 515 8767 755 8767 755 8767 750 850 850 520 5.632 9.002	5001 4765 7702 599 1733 1702 183 14.05 14.	600 639 474 533 720 429 633 843 834 8384 833 618 591 586 591 586 7.542 12.752	650 707 605 602 040 511 705 8/8 602 640 511 705 8/8 605 777 711 21.312 33.022	710 892 603 656 730 531 762 8/78 755 8/78 1755 8/78 913 942 913 892 12.822 12.822 51.372	650 971 011 751 10A0 534 810 H/A 639 H/A 1392 1017 1036 691 11.05× 7143×	950 1029 1029 810 2000 876 876 876 908 H/A 109 1017 1031 945 6.002 91.722	930 1111 1049 947 1060 951 1060 951 1060 951 107 673 107 107	1136 1214 1037 1146 1090 726 1769 N/A 1058 N/A 1058 N/A 1058 1212 1122	1196 1269 1019 1116 1080 958 10:5 K/A 1113 H/A 769 K/A 1521 1272 1187 1136
Nountain Prisona Colorado Idaho (1) Hontane Hevada Heva Howico Utah Hyoring Hountain Rrg. Pacific Alaska California (1) Hauali Dregon Hestific Rrg. Hest Riverage Ronual Percent Change 2 Chg. Over 1978-79 2 Chg. Over 1972-73	5 2 2 1 1 1 2 0 1 0 1 0	392 355 353 532 532 533 405 H/A 161 H/A 518 495 391 334	330 -27 346 412 532 333 -235 1/A 105 161 1/A 161 1/A 556 195 101 105	335 157 391 167 532 333 132 1/A 191 1/A 191 1/A 191 1/A 191 1/A 191 1/A 191	308 378 3771 3773 3775 3775 3755 175 3755 175 175 175 175 175 175 175 175 175	100 502 388 176 582 313 177 8/7 507 507 5507 5507 5507 556	103 510 510 510 510 510 510 512 512 512 511 501 501 501	500 597 497 558 558 558 515 815 815 815 815 816 815 816 816 816 816 816 816 816 816 816 816	5001 4%6 17022 5%8 1033 1038 1033 1038 1033 1038 1033 1038 1033 1038	600 639 174 533 720 429 635 835 836 836 836 838 638 638 531 586 7.512	650 787 685 602 840 511 705 N/A 685 8/A 1186 877 7711 21.342	710 692 603 656 730 531 762 WA 755 H/A 1351 942 913 802 12.822	650 971 011 751 10/0 531 810 H/4 629 829 H/A 1392 1017 1036 091	950 1029 1003 810 1060 876 W/A 908 H/A 109 1017 1031 945 6.002	930 1111 1019 947 1060 951 WA 961 WA 673 WA 1458 1212 1111 1007 6.582	1136 1214 1037 1146 1090 725 1058 1058 1058 1058 1258 1212 1122 1122 1070 7.022	1196 1269 1019 1116 1080 958 1025 H/A 1113 H/A 1521 1272 1187 1136 5.382
Nountain Ariaona Colorado Idaho (1) Hontane Hevada Hew Hoxico Utah Hyoning Hountain Avg. Pacific Alaska California (1) Hawali Oregon Weshington Pacific Avg. Hest Horeage Annual Percent Change 2 Chg. Over 1978-73 2 Chg. Over 1972-73 Hetional Horeage	5 2 2 1 1 1 2 0 1 0 1 0	392 365 130 532 313 105 N/A 376 N/A 161 N/A 161 N/A 195 391 391 0.002 0.002 165	330 ·27 346 +12 333 +23 12/8 103 1/8 161 1/8 155 195 101 105 2.612	335 757 391 467 532 132 147 132 147 191 1/A 1/A 1/A 1/A 1/A 1/A 1/A 1/A 1/A 1/	300 178 306 1710 5133 465 1710 5133 465 191 1910 507 150 40 1.165	400 502 348 176 5913 471 873 471 875 875 507 456 3.522 15.531	40.3 40.7 40.7 40.7 40.7 40.7 40.7 40.7 40.7	500 580 597 497 725 558 857 515 816 515 816 515 816 520 520 520 520 520 520 520 520 520 520	5001 456 457 7902 598 1033 403 805 55 55 55 55 55 55 55 55 55 55 55 55 5	600 638 174 533 729 635 835 835 835 835 835 835 835 835 835 8	650 787 685 602 840 511 705 N/A 279 N/A 1186 867 771 1186 877 711 21.342 35.822 60.322	710 692 603 656 730 531 762 WA 755 H/A 1351 942 913 902 12.022 51.372 103.452	650 971 011 751 10/0 531 810 H/4 639 H/A 1392 1017 1036 691 11.052 71.432 125.942	950 1029 1003 810 1060 876 H/R 908 H/R 1009 1017 1031 945 6.002 81.722 130.502	930 1111 1019 947 1060 951 WA 961 WA 961 WA 1158 1212 1111 11007 6.582 93.692 155.278	1136 1214 1037 1146 1090 725 1059 1059 1059 1059 1059 1059 1059 1212 1122 1122 1122 1070 7.022 107.292 173.202	1196 1269 1019 1116 1080 958 1025 H/A 1113 H/A 1521 1272 1187 1136 5.362 118.452 107.912
Nountain Arizona Colorado Idaho (1) Hontane Hevada Hev Hoxico Utah Houtain Avg. Pecific Alaska California (1) Hawali Dregon Weshington Pecific Avg. Hest Average Annual Percent Change 2 Chg. Over 1978-73 2 Chg. Over 1978-73 3 Chg. Over 1978-73 3 Chg. Percent Change	5 2 2 1 1 1 2 0 1 0 1 0	392 365 353 373 405 H/A 161 H/A 519 495 391 354 0.002	330 -27 346 412 532 333 423 127 103 103 103 103 104 105 2.612 2.612	335 157 391 157 532 333 132 132 132 132 132 133 132 133 132 191 191 191 191 191 191 191 191 191 19	300 178 306 171 510 511 465 N/A 191 N/A 191 N/A 650 507 150 4. (62 11.662	400 502 348 476 543 471 8/1 472 471 8/1 455 8/5 456 3.528	46.) 5468 497 7205 7213 522 8,78 497 8,78 497 8,00 8,791 7,912 7,912	500 597 775 558 851 515 8767 755 8767 755 8767 750 850 850 520 5.632 9.002	5001 4466 4577 502 509 1/33 1/202 8/09 1/33 1/20	600 639 474 533 720 633 633 84 834 834 833 618 591 586 7.542 12.752 10.612 720	650 707 605 602 040 511 705 N/A 279 N/A 1186 057 777 711 21.342 33.022 60.322	710 892 603 656 730 753 762 875 755 875 875 913 913 913 913 913 802 12.822 51.372 103.452 912	650 971 011 751 10A0 810 875 810 875 802 873 10A7 1036 699 1017 1036 091 11.05x 71.43x 125.942	950 1029 1029 810 2000 876 876 908 H/A 208 H/A 109 1017 1031 1031 1031 1031 1031 1031 1031	930 1111 1049 947 1060 951 H/A 951 H/A 673 N/A 1458 1212 1114 1007 15.582 93.692 155.278 1200	1136 1214 1037 1146 1090 726 1769 H/A 1058 1058 1058 1212 1122 1078 7.02x 107.29x 173.202	1196 1269 1049 1146 1080 958 10:55 8/A 1113 1113 1113 1136 1521 1272 1187 1136 5.38z 118.452 188.452 188.52
Nountain Prisona Colorado Idaho (1) Hontane Hevada Hev Howico Utah Hev Howico Utah Hountain Rrg. Pacific Alaska California (1) Hauali Dregon Weshington Pacific Rrg. West Riverage Ronuel Percent Change 2 Chg. Over 1978-79 2 Chg. Over 1972-73 Netional Riverage Ronuel Percent Change 2 Chg. Gver 1978-75	5 2 2 1 1 1 2 0 1 0 1 0	392 355 532 373 405 H/A 161 H/A 519 395 391 354 0.002 166 0.002	330 -27 346 412 532 333 423 127 103 103 103 2.612 2.612 1.002	335 157 391 457 533 132 132 132 132 132 132 133 132 133 132 133 147 120 121 121 121 121 121 121 121 121 121	300 178 306 171 510 311 465 171 510 511 455 176 191 191 191 4.26 507 4.26 507 4.26 507 4.26 507 507 507 507 507 507 507 507 507 507	400 502 348 176 543 171 8/1 195 8/7 195 195 195 195 195 195 195 195 195 195	40.2 40.7 40.7 40.7 413 522 513 522 525 700 700 700 700 700 700 700 700 700 70	500 597 725 558 877 515 877 515 877 515 877 725 538 877 725 538 877 725 538 515 876 767 619 520 5.632 9.002 31.902 630	5001 456 457 7902 598 1033 403 805 55 55 55 55 55 55 55 55 55 55 55 55 5	600 659 474 533 720 429 633 834 534 834 833 618 591 596 591 596 7.542 12.752 49.612 728 9.292	650 787 695 602 910 511 705 N/A 695 N/A 106 957 777 711 21.342 35.62 22 60.322 911	710 892 603 656 730 531 762 WA 755 WA 755 WA 755 942 913 942 913 802 12.022 51.375 103.452 942 11.942	850 971 011 751 1040 534 810 H/4 829 H/A 639 H/A 1392 1017 1036 691 11.052 71.43x 125.942 1044 10.07x	950 1029 1029 810 1060 876 H/A 308 H/A 109 1017 1031 945 6.002 81.722 130.502	990 1111 1049 917 1060 600 951 HVA 961 HVA 673 HVA 1458 1212 1111 1007 6.502 93.652 155.27x 1200 7.032	1136 1214 1037 1146 1090 1769 1769 1769 1769 1769 1058 1058 1058 1212 1122 1070 7.02x 107.29x 173.202 1290 7.47z	1196 1269 1019 1116 1080 959 10:5 H/A 1113 H/A 1113 H/A 1521 1272 1187 1136 5.362 1187.452 1187.912 1380 7.002
Nountain Arizona Colorado Idaho (1) Hontane Hevada Hev Hoxico Utah Houtain Avg. Pecific Alaska California (1) Hawali Dregon Weshington Pecific Avg. Hest Average Annual Percent Change 2 Chg. Over 1978-73 2 Chg. Over 1978-73 3 Chg. Over 1978-73 3 Chg. Percent Change	5 2 2 1 1 1 2 0 1 0 1 0	392 365 130 532 373 105 N/A 376 N/A 161 N/A 161 N/A 195 391 391 0.002 0.002 165	330 ·27 346 +12 333 ·27 346 +12 333 ·27 346 +12 333 ·27 346 +12 333 ·27 333 ·27 346 +12 333 ·27 127 ·346 ·127 ·346 ·127 ·346 ·127 ·346 ·127 ·346 ·127 ·346 ·127 ·346 ·127 ·346 ·127 ·346 ·127 ·333 ·277 ·127 ·	335 757 391 467 533 132 8/7 132 8/7 132 8/7 191 1/A 191 1/A 191 1/A 191 1/A 191 1/A 191 1/A 191 1/A 191 1/A 249 507 1/30 1/2 3 507 1/30 1/2 502 507 507 1/2 507 507 1/2 507 507 1/2 507 1/2 507 1/2 507 1/2 507 507 1/2 50 1/2 50 1/2 50 1/2 50 1/2 50 1/2 50 1/2 50 1/2 50 1/2 50 1/2 50 50 1/2 50 50 1/2 50 50 1/2 5 50 1/2 5 50 1/2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	300 178 306 4711 510 333 465 H/R 191 H/R 500 507 150 410 1.164 11.664 531	400 502 348 176 543 171 8/1 195 8/7 195 195 195 195 195 195 195 195 195 195	40.2 40.7 40.7 40.7 413 522 513 522 525 700 700 700 700 700 700 700 700 700 70	500 580 597 497 720 558 8/A 515 8/A 515 8/A 767 619 530 5.632 9.002 31.602 630 5.271	5001 5001	600 639 474 533 720 633 633 84 834 834 833 618 591 586 7.542 12.752 10.612 720	650 707 605 602 040 511 705 N/A 279 N/A 1186 057 777 711 21.342 33.022 60.322	710 892 603 656 730 753 762 875 755 875 875 913 913 913 913 913 802 12.822 51.372 103.452 912	650 971 011 751 10A0 810 H/A 629 H/A 639 H/A 1392 1017 1036 691 11.05x 71.43x 125.942	950 1029 1029 810 2000 876 876 908 H/A 208 H/A 109 1017 1031 1031 1031 1031 1031 1031 1031	930 1111 1049 947 1060 951 H/A 951 H/A 673 N/A 1458 1212 1114 1007 15.582 93.692 155.278 1200	1136 1214 1037 1146 1090 726 1769 H/A 1058 1058 1058 1212 1122 1078 7.02x 107.29x 173.202	1196 1269 1049 1146 1080 958 10:55 8/A 1113 1113 1113 1136 1521 1272 1187 1136 5.38z 118.452 188.452 188.52

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Table 3-3

CONHUNITY COLLEGES RESIDENT UNDERGRADUATE TUITION AND REQUIRED FEES, BY STATE, 1978-79 TO 1987-88

State	1978-79	1979-80	1983-81	1981-82	1982~83	1983-8 1	198 4- 85	1985-86	1986-87	1987-88
Alabana	203	300	300	375	375	450	150	150	600	600
Alaska (1)	320	360	110	410	634	634	626	635	693	766
Arizona	146	152	224	211	298	355	385	120	128	115
Arkansas (1)	266	30 7	-115	495	195	545	545	502	564	607
California (2)	0	0	0	0	0	30	100	100	100	100
Colorado	360	389	567	631	631	631	662	778	778	778
Connecticut	354	354	351	404	134	500	560	60 1	632	708
Delaware	514	514	519	576	591	591	627	684	699	771
Florida	375	405	445	462	506	540	557	560	578	578
Georgia	363	378	111	469	534	612	792	846	909	697
Hanaii	90	90	90	90	90	170	240	210	288	325
Idaho	370	370	400	530	565	605	\$82	728	737	747
Illinois	399	417	112	491	519	635	681	715	758	815
Indiana	870	750	810	910	1010	1074	1144	1200	1270	1343
Іона	471	471	509	592	639	699	816	860	913	937
Kansas	450	450	150	150	510	540	600	630	675	700
Kentucky	390	390	390	390	390	411	168	520	540	560
Louisiana	310	340	350	350	460	160	540	590	630	830
Naine Naruland	423	126	561	599	620	723	817	925	800	800
	400 350	420	180	540	6 4 3	690	745	813	910	1020
Hassachusetts Hichigan		156	520	631	729	784	836	657	893	936
	~64 540	502	534	621	740	750	750	796	816	857
Hinnesota Nississippi	540 280	574	638 329	675	821	1613	1103	1170	1193	1238
Nissouri	280 321	284	328	378	100	120	470	184	560	616
Hontana	285	321 311	333	981 269	422	431	183	489	527	572
Nebraska	205 372	116	311 171	368	363 527	381	132	479	179	179
Nevaça	390	350	390	192 180	527	580	627	638	680	735
New Hampshire (2)	1350 N/A	550 N/R	350 N/A	180 N/A	510 N/A	619 N/A	619	619	613	626
New Jersey	531	5 11	597	652	662	773	H/A	H/A	N/A	N/A
New Nexico	180	3112	348	315	315	349	818 352	852 362	924	993
Neu York	722	300	875	930	1075	1107	552 1190	352 1196	113	117
North Carolina	117	117	117	117	117	174	1190	1196	1225	1389
North Dakota	511	590	700	700	826	650	880	1018	217	225
Ohio	495	520	655	825	868	92*	998	1018	1109 1090	1203
Oklahona	290	295	319	319	362		433	456	501	1190 602
Oregon	381	129	945	508	540	591	600	625	501	607 681
Permsyl vani a	593	659	724	827	880	937	937	1041	1105	1182
Rhode Island	116	111	194	590	630	690	740	790	844	900
South Carolina (2)	N/A	N/8	H/A	N/A	170	508	519	527	561	593
South Dakota (2)	N/8	N/R	H/A	N/A	N/A	N/A	N/A	H/9	301 N/A	555
Tennessee	252	270	324	120	462	462	516	570	635	681
Тохаз (2)	N/R	120	250	260	270	320	320	513	561	581
Utah	182	190	555	615	640	697	740	815	912	968
Vernont	100	500	620	750	828	910	1030	1102	1110	1304
Virginia (1)	300	300	312	384	558	608	686	799	765	763
Hashington	306	306	306	471	519	561	591	699	65.5	759
Hest Virginia	281	284	288	380	110	520	520	552	600	650
Hisconsin	678	746	794	839	927	950	981	1146	1278	1393
Hyoning	330	295	315	319	349	405	405	408	506	517
***** 1. 8ver*age	387	404	451	507	558	507	620	640	976	-
EDIC Change	501	1.452				597 6.832	639	689	736	780
ERIC		1. 1010	11.0 %.				7.172	7.712	6.81%	6.06%
Full faxt Provided by ERIC				8	19 THRL	(99				

89 THRU 99

Table 3-3A

CONHUNITY COLLEGES RESIDE	NT UNDERG	RADUATE T	uition and	REQUIRE	D FEES. 81	' Statz AI	ND CENSUS	REGIONS,	1978-75	70 1987-88
State	1978~79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	198788
	78	79	80	81	62	83	84	85	86	87
Hortheast										•••
Nvu England										
Connecticut	354	354	354	401	131	500	560	604	632	708
Haine	423	426	561	599	620	723	817	925	800	800
Hassachusetts	350	456	520	634	720	784	836	867	883	936
New Hanpshire (2)	H/A	N/A ≤	H/A	N/A	H/A	M/A	N/A	N/A	N/R	N/A
Rhode Island	416	ৰণৰ	494	590	630	690	740	790	844	900
Vernont	400	500	620	760	828	910	1030	1102	1440	1304
New England flvg.	389	436	510	597	646	721	797	858	920	930
Hiddle Atlantic										
Neu Jersey	534	544	597	852	662	773	818	852	004	
Nen York	722	890	875	930	1075	1107	1190	1195	924	993
Pennsylvania	593	659	724	827	880	937	937		1225	1389
Niddle Atlantic Avg.	616	668	732	803	872	939	982	1041 1030	1105	1182
			1.20	404	012		205	1030	1085	1188
Northeast Rverage	474	523	593	675	731	803	866	922	982	1627
Annual Percent Change	0.007	10.312	13.442	13.722	9.402	9.832	7.857	6.482	6.45%	
% Chg. Over 1978-79	0.00%	10.31Z	25.132	42.30%	54.25%	69. 1 1z	82.70%	91.512	107.09z	
North Central										
East North Central										
Illinois 🛛	399	417	412	431	549	635	681	715	759	815
Indiana	870	750	610	910	1010	1074	1144	1200	1270	1343
Hichigan	464	502	534	624	740	750	750	796	816	857
Ohio	-195	520	655	825	868	923	998	1057	1090	1190
Hiscon s in	678	746	794	839	927	950	584	1146	1278	1393
East North Contral flvg.	581	587	647	739	819	866	911	983	1042	1120
Hest North Central								200	20 M.	1120
Iona	471		-							
Kansas	450	471	509	592	639	699	816	860	913	937
Ninnesota		150	150	150	510	540	00م	630	675	700
Hissouri	540 321	574	638	675	821	1013	1103	1170	1193	1238
Nobraska		321	333	381	122	431	460	189	527	572
North Dakota	372	446	471	492	527	580	627	638	680	735
South Dakota (2)	541	590	700	700	826	850	860	1018	1108	1208
	N/8	H/A	H/A	N/A	N/A	H/A	N/A	H/A	H/A	H/R
Host North Central flvg.	449	175	517	549	624	685	752	801	849	698
North Central Average	509	526	576	634	713	768	824	684	937	233
Annual Percent Change	0.007	3.32%	9.19%	10.152	12.322	7.73x	7.352	7.202	6.052	5.60z
% Chg. Over 1978-79	0.00%	3.322	13.122	21.602	39.962	50.702	61.862	73.528	84.04z	96.182



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South										
South Atlantic										
Bolaware Florida	514	514	519	576	591	591	627	684	699	771
Georgia	3 75	105	415	162	506	510	557	560	578	578
Nississippi	363 280	378 294	411 329	468	53 1	612	702	816	909	897
North Carolina	280	284 117	328	378	400	120	170	181	560	1020
South Carolina (2)	N/A	117 N/R	117 K/A	117	117	174	174	174	217	225
Virginia (1)	300	n/n 300	N/H 312	N/A 394	170	508	518	527	564	593
Hest Virginia	281	281	342 288	38 1 380	558	608 530	6 86	799	765	763
South Atlantic Avg.	319	289 326	288 351	380 395	11 0 1 52	520	520	552	600	650
		560	- UU - E	127	772	197	532	578	612	687
East South Central										
Alabana	203	300	300	375	375	150	150	450	600	603
Kentucky	390	390	390	390	390	111	150	520	540	560
Hississippi	280	284	328	378	400	120	170	181	560	55U 616
Tennessee	252	270	321	420	157	462	516	570	560 636	681
East South Central Rvg.	281	311	336	391	107	137	176	506	584	611
-				-		•= -				01.1
Hest South Central										
Arkensus (1)	266	304	415	195	195	515	545	502	564	607
Louisiane	310	340	350	350	460	460	510	590	630	830
Oklahona Toyan (25	290	295	319	319	352	401	433	156	501	602
Texas (2) Nort South Control Run	N/A	120	250	260	270	320	320	533	561	581
Hest South Central Avg.	299	265	334	356	397	432	460	520	564	655
South Average	301	306	344	383	437				~~~	
Annual Percent Change	0.002	0.602	ידנ 12 .1 52	383 11.56Z	427	465	500	5 1 6	593	661
7 Chg. Over 1978-79	0.002	0.602	12.152	11.56Z 26.20Z	11.32% 40.492	9.002	7.402	9.192	e.622	11.492
	4844		8.Je 66m	60.404	70.736	53 . 14 2	61.172	79.592	95.082	117.502
liest										
Hountain										
Arizona	146	152	224	244	298	355	385	120	-128	445
Colorado	360	389	567	631	631	631	662	779	778	778
Idaho	370	370	400	530	565	605	682	728	737	747
Nontana	285	311	311	368	363	381	132	479	179	-79
Hevada Hen Hexico	390	390	390	180	510	619	619	619	619	626
New Rexico Utah	160	312	348	315	345	349	352	352	413	117
utan Hyoning	482	190	555	615	640	697	740	815	912	968
Nyoning Kountein Evg.	330	296	315	319	349	105	105	108	506	517
monitern 1.4.7.	318	339	389	115	463	505	535	575	609	630
Pacific										
Alaska (1)	320	360	110	110	634		- **			
California (2)	0	360 0	011	11 0 0	634	631	626	636	693	766
Hensii	90	90	90	90	0 90	30 120	100	100	100	100
Oregon	381	129		508	510	170 591	240	240	268	325
Heshington	306	305	306	508 171	519	597 581	600 581	625	530 699	681
Pacific Avg. H/Calif.	219	237	250	296	357	402	581 129	699 460	699 400	759
						- 14-Mar	763	160	-188	527
Nost Avarage	280	300	335	388	122	465	494	531	562	590
										- 550 1.912
Rimual Percent Change	0.002	7.012	11.96z	15.592	8.792	10.312	D_ 10Z	7 <u>39</u> Z	~ ~ ~ ~	
Rimuall Percent Change . 2 Chy. Sver 1978-79			11.96z 19.81z	15.592 38. 1 92	8.792 50.662	10.31z 66.21z	6.162 76.182	7.39z 89.53z	5.99% 100.882	
2 Chy. Sver 1978-79	0.002	7.012 7.012	19.812			10.312 66.2 1 2	76.182	7.392 89,532	100.882	110.742
2 Chy. Svor 1978-79 Nationul Average	0.002 0.002 337	7.012 7.012 40^	19.817 451	38 . 1 92 507			76.482	89.532	100.882	110.742
2 Chy. Sver 1978-79 Nationul Average Percent Change	0.002 0.002 337 0.002	7.012 7.012 40^ 4.452	19.812 451 11.642	38.192 507 12.132	50 .662 558 10.102	65.212				110.74z 780
2 Chy. Svor 1978-79 Nationul Average	0.002 0.002 337	7.012 7.012 40^	19.817 451	38 . 1 92 507	50 .66 2 558	66.2 1 2 597	76.18z 639	89.532 689	100.882 736 6.012	110.742 780 6.062
2 Chy. Sver 1978-79 Nationul Average Percent Change	0.002 0.002 337 0.002	7.012 7.012 40^ 4.452	19.812 451 11.642	38.192 507 12.132	50.662 559 10.162 14.362	65.2 1 2 597 6.832	76.482 639 7.172	89.532 689 7.712	100.882 736	110.74z 780

APPENDIX 4





STATE APPROPRIATIONS FOR ITCHER EDUCATION, BY STATE, 1976-77 TO 1907-0

	STATE	1976-77	77-70	78-79	79-80	00-G1	81-82	\$2-03	03~81	84-85	85-86	66-87	1907-88
	fil ebana	\$250,451.0	\$310,971.0	\$371,332.0				(000*s)	(000's)	(000°s)	(600)	(000)	(000)
	ALASKAN	\$61,623.0	\$68,212.0	\$71,552.0	\$377,135.0 \$72,132.0	\$127,133.0	\$117.757.0	\$107,082.0	\$101,553.0	\$502,131.0	\$631,311.0	\$556,891.0	\$570,537.00
	RR1ZDHAN	\$181,786.0	\$207.961.0	\$210,166.0	\$232,707 2	\$91,981.0	\$122,139.0	\$148,531.4	\$157,012.7	\$169,831.0	\$235,756.0	\$207,006.0	\$157,156.00
	ARKAHSASW	\$111,536.0	\$126,155.0	\$140,319.0		\$280,416.0	\$291,461.0	\$292,013.3	\$330,192.0	\$370,211.0	\$132,912.0	\$190,076.0	\$191,911.00
	CRLIFORNIA	\$1,627,519.0	\$1,561,525.0		\$169,661.0	\$107,567.0	\$103,960.0	\$185,620.0	\$197,321.0	\$211,730.0	\$299,221.0	\$273, 192.0	\$279,105.00
	COLORADON	\$206,226.0	\$220,909.0	\$2,333,110.0	\$2,011,321.0	\$3,158,865.0	\$3,281,675.0	\$3,145,696.0	\$3,125,600.0	\$3,929,897.9	\$1,217,256.0	\$1,562,651.0	\$1,749,158.00
	CONNECTICUT			\$237,310.0	\$216,865.0	\$263,901.0	\$305,751.0	\$322,036.3	\$366,717.0	\$300,302.0	\$359,140.0	\$123,132.0	\$111,021.00
		\$115,680.0	\$190,757.0	\$205,901.0	\$212,075.0	\$250,357.6	\$229,106.0	\$252.608.0	\$273,706.0	\$302,931.0	\$329,917.0	\$368,618.0	\$109.519.00
	DELAHARE	\$13,311.0	\$11,190.0	\$19.031.0	\$53,273.0	\$63,611.0	\$72,125.0	\$76,509.0	\$77,262.0	\$83,453.9	\$91,411.0	\$96,797.0	\$101,339.00
	FLORIDG	\$131,857.0	\$189,609.0	\$535,003.0	\$610,091.8	\$705.405.0	\$802.316.0	\$905,7%.0	\$\$56,250.0	\$1,026,455.0	\$1,129,209.0	\$1,277,701.0	\$1,365,759.00
	GEORGIA	\$265,561.0	\$302.797.0	\$3%,731.0	\$365,132.0	\$131,963.0	\$130,919.0	\$534.219.0	\$560,077.3	\$\$00,536.7	\$670,016.0	\$711,001.0	\$759,401.00
	HAHRLI	\$97,881.0	\$105,612.0	\$113,767.0	\$119.073.0	\$135,373.0	\$154,755.0	\$185,111.0	\$101,560.0	\$166,708.0	\$203,636.0	\$220.015.0	\$254 572 00
	IDAHO	\$69,197.0	\$77,072.0	\$83,797.0	\$83,608.0	\$91,116.0	\$\$2,131.6	\$104,019.0	9101.0-2.9	\$110,123.0	\$119,012.0	\$126.030.0	\$251,672.00 \$139,136.00
	ILLINOIS	\$697,015.0	\$779,201.0	\$815,782.0	\$876,551.0	\$\$\$1,581.0	\$1,025,211.0	\$1,029,282.0	\$1,137, :02.0	\$1,182,657.0	\$1,311,353.0	\$1,390,611.0	\$1,331,561.00
	THOTOMOX	\$316,900.0	\$336,152.0	\$361,376.0	\$111,150.0	\$155,639.0	\$182,191.0	\$536,549.0	1.13, 101.0	\$549,010.0	\$607,311.0	\$660.532.0	\$701,703.00
	LOHUN	\$210,345.0	\$220,166.0	\$272,723.0	\$303,631.0	\$332,211.0	\$311,930.0	\$346, \$50.0	+360,711.0	\$352,567.0	\$385,370.0	\$101,610.0	\$111,158.00
	Kansasa	\$173,777.0	\$108,069.0	\$222,216.0	\$230.039.0	\$259,059.0	\$278,662.0	\$303.955.0	\$306,173.0	\$337,267.0	\$345,173.0	\$350,735.0	3111,158.00
	KENTUCKY	\$205,861.0	\$205,661.0	\$272,909.0	\$293,910.0	\$307,572.0	\$339,600.0	\$363,613.0	\$100,177.0	\$ 107, 901.0	\$432,627.0		\$363,921.00
	LOUISIANA	\$215, 157.0	\$212,169.0	\$278,954.0	\$330,000.0	\$330,325.0	\$151,751.0	\$501,602.0	\$191,213.7	\$553,184.0	\$511,688.0	\$158, 560.0	\$199,526.00
	HALHE	\$12,567.0	\$43,910.0	\$19,966.0	\$57,265.0	\$62,628.6	\$66,071.0	\$73,1%.0	\$76,653.0	\$91,160.0		\$515.727.0	\$511,517.00
	HARYLAND	\$211,\$66.0	\$281,230.0	\$292,755.0	\$323.732.0	\$367,701.0	\$2,3,519.0	\$132,653.0		331,160.0	\$100.971.0	\$125,216.0	\$140.615.00 \$611,657.00
	HASSACHUSETTS	\$231,252.0	\$251,122.0	\$273,333.0	\$311,929.0	\$322,176.0	2541,500.0	\$112, 113.0	\$137,020.0	\$107,691.0	\$531.946.0	\$569,975.0	\$614,657.00
	HICHLGON	\$593,930.0	\$660, 104.0	\$733,978.0	\$808,320.9	\$816.100.0	\$910,532.0	\$865,000.0	\$537,263.0	\$611.816.0	\$711.102.0	\$816,379.0	\$895,299.00
	HINKSOTAN	\$325,391.0	\$101,352.0	\$333,359.0	\$ %0,703.0	\$177,951.8			\$905,075.2	\$1,008,200.0	\$1,152,097.0	\$1,228,559.0	\$1,313,018.00
	NISSISSIPPI	\$151,036.0	\$106,660.0	\$210,950.0	\$233,738.0	\$261,262.0	\$545,503.0	\$557,212.0	\$610,889.0	\$619,601.0	\$699,501.0	\$717,107.0	\$809,963.00
	NISSOURI	\$236,782.0	\$259,359.0	\$281,036.0			\$281,322.0	\$256,351.0	\$333,720.6	\$312,906.0	\$373,687.0	\$327,353.0	\$362,036.00
	HONTAHA	\$17,705.0	\$52,251.0		\$312,941.0	\$353,252.8	\$323,063.0	\$358,090.0	\$365,931.7	\$385,029.0	\$176.120.0	\$176.120.0	\$503,189.00
	HEBRASKA	\$122,190.0		\$55,050.0	\$50,131.0	266,503.0	\$83,693.0	\$\$5,273.0	\$103,617.0	\$107,362.0	\$106,150.0	\$103,167.0	\$105,106.00
	HEVADA		\$131,200.0	\$110,539.0	\$150,940.0	\$166,155.0	\$283,-185.0	\$189,610.0	\$195,633.1	3213,337.ž	\$210,508.0	\$217,355.0	\$227,203.00
	HEN HAMPSHIRE	\$12,355.0	\$15.157.0	\$50,112.0	\$56,856.0	\$62,107.0	145,651,0	\$71,929.0	\$75,360.0	\$79,857.0	\$91,100.0	\$102,119.0	\$112,730.00
	HEN JERSEYN	\$22,659.0	\$27,519.0	\$27,542.0	\$25,606.0	\$32,919.0	\$33,323.0	\$35,246.0	\$11,111.0	\$12,630.0	\$50,265.0	\$55,961.0	\$66,901.00
,	NEK NEXICO	\$271,105.0	\$103,566.0	\$370,637.0	\$100,365.0	\$131,222.0	\$164,787.0	\$196,311.0	\$531.831.0	\$753,683.9	\$846.326.0	\$090.577.0	\$1,013,299.00
		\$82,017.0	\$95,756.0	\$111, 150.0	\$125,731.0	\$113,316.0	\$171,576.0	8101,001.0	5155,191.0	\$220.655.0	\$231,095.0	\$233,552.0	\$242,798.00
	NEH YORK	\$1,251,0%.0	\$1,298,751.0	\$1,421,407.0	\$1,513,416.)	\$1,661,361.0	\$1,655,429.0	\$2,010,001.0	\$2,273,527.0	\$2,111,110.0	\$2,515,516.0		\$2,936,951.00
	HORTH CAROLINA	\$107,977.0	\$166,208.0	\$521,663.0	\$590.109.0	\$660,615.0	\$758,466.0	\$753,433.0	\$909,022,3	\$1,001,122.0	\$1,078,422.0	\$1,172,120.0	\$1,281,076.00
	HORTH DOKOTAN	\$19,861.0	\$61,022.0	\$63,077.0	\$73,391.0	\$77,530.0	\$90,560.3	\$102.101.1	\$100,725,5	\$111,435.0	\$120.172.0	\$ 21,130.0	\$118,171.00
	OHION	\$132,608.0	\$531,171.0	\$601,651.0	\$669.197.0	\$719,901,0	\$791.000.0	\$747.750.0	\$883,761.0	\$\$61.508.0	\$1,109,252.0	\$1,.00,210.0	\$1,259,569.00
	OKLAHOHA	\$152,262.0	\$173,261.0	\$196,591.0	\$228.827.0	\$271,180.0	\$325,553.0	\$359,696.0	\$361,239.9	\$367,617.0	\$125,877.0	\$385,552.0	\$386.265.00
	OREGOHN	\$176,653.0	\$158,231.0	\$201,000.0	\$219,556.0	\$250, 113.0	\$252,602.0	\$229, 302.0	\$273,010,0	\$202,600.0	\$312,131.0	\$335,958.0	\$3 19, 910.00
	PENHSYLVANIA	\$639,701.0	\$669, 167.0	\$699,120.0	\$738,685.0	\$712,052.0	\$\$17,236.0	\$870,965.0	\$902,253.0	\$ 998,218.0	\$1,055,783.0		\$1,176,066.00
	RHODE ISLANDA	\$56,350.0	\$62,230.0	\$66,311.0	\$71,412.0	\$79,321.0	\$83,107.0	\$83.761.6	\$96, 101.0	\$105.500.0	\$110,608.0	\$117.119.0	\$126,185.00
	South Carolina	\$210,239.0	\$227,149.0	\$265,076.0	\$299,206.0	\$311.192.0	\$353,550.0	\$373,847.0	\$393,534.0	\$119,791.0	\$199,037.0	\$520,218.0	\$521,016.00
	SOUTH DAKOTA	\$39,391.0	\$12,591.0	\$15,509.0	\$13,872.0	\$51,191.0	\$52,113.0	\$53,503.0	\$53,070.0	\$57,707.0	\$69.117.0	\$73.223.0	\$521,016.00
	TEIMESSEEN	\$225,027.0	\$266,091.0	\$200, 169.0	\$310,173.0	\$338,165.0	\$357,016.6	\$349.111.0	\$371,407.0	\$175,868.0	\$518.107.0	\$608.083.0	\$71,011.00
	TEXAS	\$918,589.0	\$1,050,400.0	\$1,012,243.0	\$1,315.526.0	\$1,161,601.0	\$1,905,007.0	\$2,035,531.0	\$2,282,312.0	\$2,361,711.0	\$2,201,351.0		\$633,237.00
	UTAH	\$101,985.0	\$110,602.0	\$132,017.0	\$145,304.0	\$160,056.0	\$173,570.0	\$ \$6.376.0	\$179.016.6	A214 748 1		\$2,111,392.0	\$2,231,785.00
	VERHOHTM	\$20,130.0	\$22,983.0	\$26,178.0	\$27,042.0	\$30,155.0	\$33,611.0	\$36,793.0	\$39,578.0	\$235,799.1 \$11,740.0	\$211,101.0	\$257.219.0	\$257,389.00
	VIRGIHIAN	\$316,019.0	\$330,586.0	\$ 125,797.0	\$111.051.0	\$509,731.0	\$513.961.0	\$590,543.0			\$41,057.0	\$46,776.0	\$59,555.00
	HASHLHGTOHM	\$310,133.0	\$360,250.0	\$397.917.0	\$459,363.0	\$153,645.0	\$115,131.5		\$617,233.0	\$710,169.0	\$770,693.0	\$901.152.0	\$915,610.00
	IE T VIRGINIAN	\$121,680.0	\$139,063.0	\$119,120.0	\$159.601.0	\$163,013.0		\$115,431.5	\$513,017.1	~``,930.6	\$580.937.0	\$609,937.0	\$678,182.00
	HI. CONSIN	\$361,056.0	\$399,110.0	\$133,182.0	\$168,610.0		\$163,583.0	\$182,930.0	\$193,565.0	2.069.0	\$233,057.0	\$211,087.0	\$236,565.00
	HYLHIHG	\$37,943.0	\$12,803.0	\$17,013.0	\$51,661.0	\$511,067.0	\$516,112.0	\$550,035.0	\$595.813.0	\$617,950.0	\$650,855.0	\$666,525.0	\$705,130.00
				* II 14 13 10	##1,001.V	\$70,501.0	\$#2,611.0	\$97,199.0	\$101,356.1	\$101,838.9	\$111,583.0	\$111,583.0	\$111,108.00
	TOTAL	\$13,063,013.0	\$15,436,549.0	\$16,976,341.0	\$19,061,205.0	\$20,940,149.0	\$22,751,669.4	\$23,925,657.0	\$25,506,206.0	528,363,640.1	\$30,730,135.0	\$32,367,127.0	\$31,042,048.00
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Table 4-1A

STATE	1976-77	1977-78	1978- 79	1979-80	1990-81	1991-82	1962-93	1583-81	1581-65	1995-85	1986-87	1987-88
Kortheast												
Nex England COMM2CTICUT	\$145,888.0	\$190,757.0	\$206,901.0	\$212.075.0	\$250,357.0	\$225, 106.0						
MATHE	\$12,567.0	\$15,910.0	\$48.545.0	\$57.265.0	\$62.628.0	\$66.971.0	\$252,609.0 \$73,196.0	\$273,706.0	\$302,931.0	\$329,917.0	\$368,618.0	\$109,519.00
MISSACHUSETTS	\$231,292.0	\$251,122.0	\$273.333.0	\$311,929.0	\$322,198.0	\$361,500.0	\$112,113.0	\$76,653.0 \$537,263.0	\$91,150.0	\$100,971.0	\$125,216.0	\$140,645.00
NEN HAMPSHIRE	\$22,659.0	\$27,519.0	\$27,542.0	\$29,806.0	\$32,919.0	\$39,323.0	\$35.245.0	\$11.111.0	\$611,816.0 \$12,630.0	\$711,102.0 \$50,265.0	\$816,379.0 \$55,961.0	\$895,299.00
RHODE ISLANDA	\$56,350.0	\$52,230.0	\$66,311.0	\$71,412.0	\$78,321.0	\$\$3,107.8	\$89,761.6	\$96,491.0	\$105,500.0	\$110.805.0	\$117,149.0	\$66,901.00
VERHONTS	\$20, 38.0	\$22,983.0	\$26,178.0	\$27.062.0	\$30,159.0	\$33,611.0	\$36,793.0	\$39.598.0	\$11.740.0	\$41,037.0	\$46,778.0	\$126,185.00 \$50,555.00
New England Total	\$522,094.00	\$603,521.00	\$619,561.00	\$712,519.00	\$777,182.00	\$816,018.00		\$1,061,815.00	\$1,225,207.00	\$1,317,120.00		\$1,689,131.00
Hiddle Atlantic												
HEH JERSEYX	\$271,105.0	\$103,565.0	\$370,637.0	\$100,366.0	\$131,222.0	\$461,787.9	\$175,311.0	\$531.091.0	\$753,883.0	\$\$16,325.0	\$890.577.0	\$1,013,299.00
Heh York	\$1,251,0%.0	\$1,230,751.0	\$1,421,407.0	\$1,513,116.0	\$1,661,361.0	\$1,855,129.0	\$2,010,001.9	\$2,273,527.0	\$2,111,110.0	\$2.515.514.0	\$2,729,779.0	
PENNSYLVANIA	\$659,791.0	\$669,467.0	\$699,128.0	s730,685.0	\$742,051.0	\$817,236.0	\$870,965.6	\$902,253.0	\$960,219.0	\$1,055,763.0	\$1,100,992.0	
Kiddle Atlantic Total	\$2,185,282.00	\$2,370,797.00	\$2,191,172.00	\$2,682,467.09	52,010,631.00	\$3,137,452.00	\$3,377,280.00	\$3,707,671.00	\$1,156,511.00	\$1,417,655.00	\$1,728,338.00	
Hortheast Total	\$2,707,376.00	\$2,971,308.00	\$3,140,733.00	\$3,395,016.00	\$3,617,016.00	\$3,951,270.00	\$1,277,301.40	\$1,772,516.00				\$6,815,153.00
Annual Percent Change	0.002											
X Change Over 1976-77	0.003	9.6 52	15.012	25.402	33.632	46.052	57.992	76.292	50.802	111.012	131.ISz	151.742
Horth Central												
East Horth Central												
ILLINCIS	\$697,045.0	\$775,291.0	\$815,762.0	\$876,951.0	\$%1,584.0	\$1,025,211.8	\$1,029,202.0	\$1,113,102.0	\$1,182,057.0	\$1.314.353.0	\$1,390,611.0	\$1.331.561.00
Indianax	\$316,800.0	\$338,152.0	\$391,376.0	\$111,159.0	\$159,639.0	\$162,191.0	\$536,549.0	\$503,431.0	\$549,810.0	\$607.341.0	\$660.532.0	\$701,703.00
NICHIGH	\$593,930.0	\$660,401.0	\$733,978.0	\$809,320.0	\$\$16,400.8	\$849,532.0	\$865,000.0	\$905, \$75.2	\$1,009,200.9	\$1,152,097.0	31,228,559.0	\$1,313,040.00
OHION	\$492,608.0	\$551,174.0	\$601,651.0	\$669,197_0	\$719,901.0	\$701,000.0	\$747,750.0	\$\$83,761.0	\$361,908.0	\$1,109,252.0		\$1,259,563.00
HISCONSIN	\$361,056.0	\$399, 110.0	\$133,162.0	\$ 769,618.0	\$511,067.0	\$516,112.0	\$550,095.9	\$555,013.0	\$617,958.0	\$650,855.0	\$\$66,325.C	\$705, 130.00
East Horth Central Total	\$2,461,439.00	\$2,728,121.00	\$2,972,269.00	\$3,234,284.00	\$3,171,591.00	\$3,573,349.00	\$3,729,676.00	\$1,002,065.20	\$1,322,733.00	\$1,953,898.00	\$5,151,110.00	\$5,311,311.00
Hest Horth Central												•
1048*	\$210,355.0	\$229,166.0	\$272,725.0	\$303,631.0	\$332,244.0	\$341,939.0	\$366,958.0	\$360,741.0	\$392,987.0	\$385,370.0	\$101,610.0	\$411,458.00
KANSASN	\$173,777.0	\$199,869.0	\$222,216.0	\$238,039.0	\$259,859.0	\$270,662.0	\$303,955.0	\$306, 173.0	\$337,267.0	\$345,173.0	\$350,735.0	\$363,921.00
hinnesotax Hissouri	\$325,381.0	\$401,352.0	\$393,359.0	\$ 760,783.0	\$177,951.0	\$515,503.0	\$557,212.0	\$\$10,989.0	\$649,601.0	\$699,504.0	\$747,187.0	\$809,963.00
HEBRASKA	\$236,762.0	\$259,359.0	\$281,836.0	\$312,541.9	\$353,252.9	\$323,660.0	\$359,090.0	\$365,931.7	\$345,025.0	\$176,420.0	\$176,120.0	\$503,189.00
HORTH DAKOTAS	\$122,198.0	\$131,200.0	\$140,539.0	\$150, \$40.0	\$166,155.0	\$189,969.0	\$189,610.8	\$195,633.1	\$213,337.2	\$210,500.0	\$217,355.0	\$227,203.00
SOUTH DEKOTA	\$39,391.0	\$61,822.0	\$63,077.0	\$73,391.0	\$77,530.0	\$99,588.3	\$102,494.1	\$109,725.5	\$114,435.0	\$120,172.0	\$121,130.0	\$110,174.00
	\$1,156,744.00	\$12,581.0	\$45,509.0	\$49,872.8	\$51,194.0	\$52,113.0	\$53,503.0	\$53,070.0	\$57,707.0	\$69,417.0	\$73,223.0	\$71,011.00
Hest north Centrel Total	\$1,135,741.00	\$1,313,352.00	\$1,122,261.00	\$1,590,397.00	\$1,719,500.00	\$1,650,163.30	\$1,931,732.10	\$2,001,463.60	\$2,150,366.20	\$2,306,891.00	\$2,393,960.00	\$2,537,952.00
Horth Central Total Annual Percent Change								\$6,003,528.00		\$7,140,792.00		
2 Change Over 1976-77	0.001											
a chards over 1310-11	8.001	11.612	21.342	33.231	: 43.333	49.223	56.31z	65.792	7 0. 76z	97.20z	108.152	116.842

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South												
South Allantic		\$11,190.0	\$49,831.0									
delahare Florida	\$43,311.0 \$131,657.0	\$103.609.0	\$535,809.0	\$53,273.0 \$610.091.0	\$63,811.0 \$705,409.0	\$72,125.0 \$902,316.0	\$76,900.0 \$905,796.0	\$77,262.0 \$956,259.0	\$83,153.9 \$1,026,655.0	\$91,111.0 \$1,129,209.0	\$96,797.0 \$1,277,701.0	\$101,339.00 \$1,365,759.00
GEORBIR	\$265,561.0	\$302,797.0	\$346,731.0	\$385,132.0	\$131,963.0	\$198.919.8	\$531,219.0	\$560,077.3	\$609,796.7	\$670.0%.0	\$711,001.3	\$759,401.00
HARYLAND	\$241,866.0	\$281,230.0	\$292,755.0	\$323,732.8	\$367,701.0	\$385,919.0	\$432,653.0	\$137,028.0	\$467,698.0	\$531,986.0	\$569,975.0	\$611,657.00
NORTH CRROLING	\$107, 577.0	\$166,200.0	\$521,863.0	\$590,189.0	\$660,615.0	\$758,466.0	\$793, 133.0	\$968,022.3	\$1,001,122.8	\$1,078,822.0	\$1,172,120.0	\$1,281,076.00
SOUTH ENROLING	\$210,239.0	\$227,148.0	\$265,076.0	\$295,206.0	\$344, 192.0	\$353,530.0	\$373,817.0	\$393,530.0	\$119,791.0	\$198,037.0	\$520,218.0	\$521,016.00
VIRGINIAN	\$316.019.0 \$121.000.0	\$330,586.0 \$139,063.0	\$125,797.0 \$119,120.0	\$111,051.0 \$158,681.0	\$509,731.0 \$159,819.0	\$513,961.0 \$183,969.0	\$590,563.0	\$617,233.0 \$193.565.0	\$710,159.3	\$770,683.0	\$901,152.0	\$915,010.00
VEST VIRGINIAN South Atlantic Total		\$2,279,631.00		\$2,851,361.00	\$3,253,571.00	\$3,559,255.00	\$3,890,341.00	\$1,122,985.60	\$220,069.0 \$1,520,750,60	\$233,057.0 \$5,003,151.00	\$211,087.0 \$5,133,387.00	\$236,565.00 \$5,799,634.00
				10100 1110 1100				- 1, 122, 100100				2011-01431100
East South Central												
ALABSKA	\$250,151.0	\$310.971.0	\$374,332.0	\$377,135.0	\$127,159.0	\$117,757.6	\$107,082.0	9101,553.0	\$502,134.0	\$631,311.8	\$556,891.0	\$570,537.00
KENTUCKY	\$205,961.0	\$205,861.9 \$186,668.9	\$272,509.0	\$293,918.0	\$307,572.0	\$339,600.0	\$363,613.0	\$100,177.0	\$407,501.0	\$132,627.0	\$158,968.0	\$199,526.00
NISSISSIPPI TENNESSEE#	\$151,036.0 \$225,827.0	66,091.0	\$219,550.0 \$290,469.0	\$233,738.0 \$319,173.0	\$261,262.0 \$339,165.9	\$261,322.9 \$357,016.0	\$2%,351.0 \$369,111.0	\$333,720.6 \$971,407.0	\$342,906.0 \$175, 868 .0	\$373,697.0 \$518,187.0	\$327,353.0 \$609,003.0	\$352,036.00 \$539,237.00
East South Central Total	\$856,179.00	\$369,534.00		\$1,225,561.00	\$1.334.454.00	\$1,390,695.00	\$1,456,157.00	\$1,510,157.60	\$1,728,812.00		\$1,551,298.00	\$2,071,336.00
							••••				••••	
Hest South Central												
ARKANSASX	\$111,936.0	\$126,155.0	\$140,319.0	\$169,664.0	\$187,567.0	\$183,980.0	\$185,620.8	\$137,321.0	\$211,730.0	\$259,221.0	\$273,182.0	\$279,105.00
Louisiana Dilehona	\$215,457.0 \$152,252.0	\$242,459.0 \$173,261.0	\$278,951.0 \$196,591.0	\$330,005.8 \$229,827.0	\$398,325.0 \$271,190.0	\$151,751.0 \$325,553.0	\$501,002.0	\$191,213.7 \$361,239.9	\$553,180.0 \$567,617.0	\$511,689.C \$125,877.0	\$511,722.0 \$385,552.0	\$511,517.00 \$386,265.00
TEXAS	\$918,509.0	\$1,050,100.0	\$1.042.213.0	\$1,315,526.0	\$1,454,681.0	\$1,505,007.9	\$2.035.531.0	\$2,282,342.0	\$2,361,711.0	\$2.201.351.0		\$2,231,785.00
Hest South Central Total		\$1,592,285.00		\$2,011,025.00	\$2,321,953.09	\$2,669,294.00	\$3,122,442.00	\$3,335,146.60	\$3,527,279.00			\$3,111,672.00
												• • · ·
South Total	\$1,205,162.00		\$5,389,752.00								\$10,785,533.00	
finnual Percent Change 8 Change Over 1975-77	0.COx 0.COx										3.12z 151.72z	
a charge over 1318-11	0.004		6 CJ.196	16.374	• •••••				123.130	111.114	131.124	163.27z
ilest	0.004			16.3 M	••••••	. 0 3. 334			123.134	111.114	131.124	193.21%
ilest Hountain												
Hest Nountain ARIZONAX	\$191,755.0	\$207,%1.8	\$219,166.0	\$232,707.0	\$280, 116 .0	\$291,461.0	\$292,813.3	\$339,192.0	\$378,211.0	\$ 132, 312.0	\$180,076.0	\$131,911.00
Hountain RRI20HHM COLORADOX	\$191,785.0 \$206,225.0	\$207,961.8 \$220,909.0	\$219,166.0 \$237,310.0	\$232,707.0 \$245,866.0	\$280, 116 .0 \$263, 96 1.8	\$291,161.0 \$305,791.0	\$2 \$ 2,813.3 \$322,836.3	\$339,192.0 \$366,747.0	\$378,211.G \$280,302.0	\$132,312.0 \$399,110.0	\$180,076.0 \$123,132.0	5171,911.00 \$111,021.00
Hountain RRIZONNS COLORADOX IORADO	\$191,755.0	\$207,%1.8	\$219,166.0	\$232,707.0	\$280, 116 .0	\$291,461.0	\$292,013.3 \$322,036.3 \$104,019.0	\$339,1%2.0	\$378,211.6 \$280,302.0 \$110,123.0	\$ 132, 312.0 5399, 110.0 \$ 119, 012.0	\$180,0 76 .0 \$123,132.0 \$126,030.0	\$191,911.00 \$111,021.00 \$139,136.00
Hountain RRIZONA COLORADOX IDAHO HONTANA HEVADA	\$191,785.0 \$206,225.0 \$69,197.0 \$17,705.0 \$42,355.0	\$207,%1.8 \$220,%09.0 \$77,072.0 \$52,251.0 \$45,457.3	\$219,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$550,112.0	\$232,707.0 \$275,066.0 \$63,608.0 \$60,131.0 \$56,836.0	\$280,416.0 \$263,961.9 \$91,146.0 \$66,503.0 \$62,107.C	\$291,461.0 \$303,791.0 \$\$2,131.6 \$\$3,693.0 \$65,851.0	\$292,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,929.0	\$330,132.0 \$366,747.0 \$101,C62.0 \$103,617.6 \$75,360.0	\$378,211.0 \$280,302.0 \$110,123.0 \$107,362.0 \$78,897.0	\$132,312.0 \$399,110.0	\$180,076.0 \$123,132.0	5171,911.00 \$111,021.00
Hourtain RRIZONAM CULDERDOM IDEHO HONTENA HENTECO	\$191,785.0 \$206,225.0 \$69,197.0 \$17,705.0 \$12,355.0 \$12,017.0	\$207, \$61.8 \$220, 909.0 \$77, 072.0 \$52, 251.0 \$45, 457, 457, 60	\$219, 166.0 \$237, 310.0 \$83, 797.9 \$55, 050.0 \$50, 112.0 \$111, 458.0	\$232,707.6 \$275,866.0 \$63,608.0 \$50,131.0 \$56,836.0 \$123,731.0	\$280,446.0 \$263,961.0 \$94,146.0 \$66,503.0 \$62,107.0 \$143,316.0	\$291,461.0 \$305,791.0 \$52,131.6 \$43,693.0 \$45,6851.0 \$171,576.0	\$232,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,929.6 \$184,084.0	\$330,132.0 \$366,747.0 \$101,052.0 \$103,617.6 \$75,360.0 \$155,4731.0	\$378,211.0 \$280,302.0 \$110,123.0 \$137,362.0 \$78,697.0 \$220,855.9	\$132,312.0 \$399,110.0 \$119,012.0 \$106,150.0 \$91,400.0 \$231,035.0	\$480,076.0 \$423,132.0 \$125,030.0 \$103,167.0 \$112,419.0 \$233,552.0	\$151,511.00 \$111,021.00 \$133,136.00 \$105,106.00 \$112,730.00 \$242,759.00
Hest Hountain RRIZOND COLORADON IDAHO HONTAWA HEVHOM HEVHOM HENICO UTAK	\$191,785.0 \$206,225.0 \$69,197.0 \$17,705.0 \$42,335.0 \$82,017.0 \$101,585.0	\$207, % 1.8 \$220, 909.0 \$77, 072.0 \$52, 251.0 \$45, 437.8 \$95, 756.0 \$118,692.0	\$219,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$111,458.0 \$132,047.0	\$232,707.0 \$2%,666.0 \$60,608.0 \$60,731.0 \$56,636.0 \$123,731.0 \$115,374.0	\$280,416.0 \$263,984.8 \$341,145.0 \$66,503.0 \$52,507.C \$143,316.8 \$1450,835.8	\$291,461.0 \$303,791.0 \$52,131.6 \$43,693.0 \$45,651.0 \$171,576.0 \$173,570.0	\$252,013.3 \$322,0%.3 \$104,019.0 \$35,273.6 \$71,929.6 \$181,084.0 \$196,376.0	\$339,132.0 \$366,747.0 \$101,622.0 \$103,617.6 \$75,360.0 \$135,191.0 \$135,016.0	\$378,211.0 \$20,302.0 \$110,123.0 \$197,362.0 \$78,897.0 \$220,655.0 \$223,755.1	\$132,312.0 \$399,140.0 \$119,042.0 \$106,150.0 \$34,400.0 \$231,035.0 \$241,401.0	\$180,076.0 \$123,132.0 \$125,030.0 \$103,167.0 \$102,119.0 \$233,552.0 \$237,219.0	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$112,730.00 \$212,730.00 \$257,383.00
Hountain RRIZONA COLORADOX IDAHO MONTANA HEVADA HEVADA HEN TEXICO UTAN HYONING	\$191,785.0 \$206,225.0 \$69,197.0 \$17,705.0 \$42,335.0 \$82,017.0 \$101,385.0 \$37,943.0	\$207, % 1.8 \$220, 909.0 \$77, 072.0 \$45, 457.8 \$55, 756.0 \$119, 602.0 \$42, 603.0	\$218,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$114,458.0 \$132,047.0 \$47,043.0	\$232,707.6 \$275,665.0 \$63,668.0 \$50,191.6 \$556,836.0 \$123,731.0 \$145,374.0 \$131,674.0	\$280,416.0 \$253,961.8 \$34,146.0 \$66,503.0 \$62,107.C \$143,316.8 \$140,856.8 \$70,504.0	\$291,461.0 \$305,791.9 \$92,131.6 \$93,693.0 \$45,851.0 \$171,576.0 \$173,570.9 \$92,644.0	\$232,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,929.0 \$184,084.0 \$196,376.0 \$97,199.0	\$330, 192.0 \$366, 747.0 \$101, C62.0 \$103, 617.6 \$175, 360.0 \$135, 494.0 \$137, 016.0 \$101, 356.1	\$378,211.0 \$280,302.0 \$10,123.0 \$78,897.0 \$220,855.0 \$235,759.1 \$101,838.9	\$132,312.0 \$393,110.0 \$119,012.0 \$106,150.0 \$91,400.0 \$234,035.0 \$241,401.0 \$111,583.0	\$180,076.0 \$123,132.0 \$125,030.0 \$103,157.0 \$102,119.0 \$233,552.0 \$257,219.0 \$11,583.0	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$112,730.00 \$242,738.00 \$257,385.00 \$114,188.00
Hest Hountain RRIZOND COLORADON IDAHO HONTAWA HEVHOM HEVHOM HENICO UTAK	\$191,785.0 \$206,225.0 \$69,197.0 \$17,705.0 \$42,335.0 \$82,017.0 \$101,585.0	\$207, % 1.8 \$220, 909.0 \$77, 072.0 \$52, 251.0 \$45, 437.8 \$95, 756.0 \$118,692.0	\$218,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$114,458.0 \$132,047.0 \$47,043.0	\$232,707.0 \$2%,666.0 \$60,608.0 \$60,731.0 \$56,636.0 \$123,731.0 \$115,374.0	\$280,416.0 \$263,984.8 \$341,145.0 \$66,503.0 \$52,507.C \$143,316.8 \$1450,835.8	\$291,461.0 \$303,791.0 \$52,131.6 \$43,693.0 \$45,651.0 \$171,576.0 \$173,570.0	\$232,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,929.0 \$184,084.0 \$196,376.0 \$97,199.0	\$330, 192.0 \$366, 747.0 \$101, C62.0 \$103, 617.6 \$175, 360.0 \$135, 494.0 \$137, 016.0 \$101, 356.1	\$378,211.0 \$20,302.0 \$110,123.0 \$197,362.0 \$78,897.0 \$220,655.0 \$223,755.1	\$132,312.0 \$393,110.0 \$119,012.0 \$106,150.0 \$91,400.0 \$234,035.0 \$241,401.0 \$111,583.0	\$180,076.0 \$123,132.0 \$125,030.0 \$103,157.0 \$102,119.0 \$233,552.0 \$257,219.0 \$11,583.0	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$112,730.00 \$212,730.00 \$257,383.00
Hountain REIZONAN COLORADON IDAHO NONTANA HEN MEXICO UTAM HOUNTAIN HOUNTAIN Hountain Total Pacific	\$101,785.0 \$206,225.0 \$69,197.0 \$47,705.0 \$42,335.0 \$82,017.0 \$101,385.0 \$37,\$43.0 \$772,211.00	\$207,961.8 \$220,909.0 \$77,072.0 \$52,251.0 \$118,602.0 \$12,693.0 \$26,693.0	\$218,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$114,458.0 \$132,047.0 \$47,043.0	\$232,707.6 \$275,665.0 \$63,668.0 \$50,191.6 \$556,836.0 \$123,731.0 \$145,374.0 \$131,674.0	\$280,416.0 \$253,961.8 \$34,146.0 \$66,503.0 \$62,107.C \$143,316.8 \$140,856.8 \$70,504.0	\$291,461.0 \$305,791.9 \$92,131.6 \$93,693.0 \$45,851.0 \$171,576.0 \$173,570.9 \$92,644.0	\$232,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,929.0 \$184,084.0 \$196,376.0 \$97,199.0	\$330, 192.0 \$366, 747.0 \$101, C62.0 \$103, 617.6 \$175, 360.0 \$135, 494.0 \$137, 016.0 \$101, 356.1	\$378,211.0 \$280,302.0 \$10,123.0 \$78,897.0 \$220,855.0 \$235,759.1 \$101,838.9	\$132,312.0 \$393,110.0 \$119,012.0 \$106,150.0 \$91,400.0 \$234,035.0 \$241,401.0 \$111,583.0	\$180,076.0 \$123,132.0 \$125,030.0 \$103,157.0 \$102,119.0 \$233,552.0 \$257,219.0 \$11,583.0	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$112,730.00 \$242,738.00 \$257,385.00 \$114,188.00
Hest Hountain HRIZONHI COLDERDON DORHO HONTENN HEN HENICO UTAN HEN HENICO UTAN HENITES Hountain Total Pacific RLASSEM	\$191,785.0 \$206,225.0 \$69,197.0 \$17,705.0 \$42,335.0 \$82,047.0 \$101,985.0 \$37,913.0 \$772,241.00 \$61,829.0	\$207,361.8 \$220,909.0 \$77,072.0 \$52,251.0 \$45,457.8 \$53,756.0 \$118,602.0 \$42,803.0 \$860,091.00 \$60,212.0	\$219,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$114,458.0 \$132,047.0 \$47,043.0 \$937,963.00 \$74,552.0	\$232,707.6 \$235,666.0 \$83,608.8 \$60,131.6 \$156,936.0 \$123,731.8 \$115,344.0 \$1,003,33\.00 \$1,003,33\.00 \$72,132.0	\$280,416.0 \$253,961.0 \$341,146.0 \$66,503.0 \$52,107.C \$143,316.0 \$10,856.0 \$1,111,662.00 \$31,001.0 \$31,001.0	\$251,451.0 \$303,731.0 \$52,131.6 \$63,653.0 \$455,651.0 \$171,576.0 \$171,576.0 \$172,577.0 \$1,256,717.60 \$122,453.0	\$232,013.3 \$122,036.3 \$194,019.0 \$95,273.6 \$194,084.0 \$194,084.0 \$196,376.0 \$1,364,529.60 \$1,364,529.60 \$149,531.4	\$330, 192.0 \$366, 747.0 \$101, C62.0 \$103, 617.6 \$75, 360.0 \$135, 194.0 \$135, 016.0 \$101, 356.1 \$1, 480, 844.10 \$157, 042.7	\$378,211.6 \$200,302.0 \$110,123.0 \$107,362.0 \$78,697.0 \$220,655.0 \$223,739.1 \$101,639.9 \$1,613,331.60 \$169,631.0	\$132,342.0 \$399,140.0 \$119,042.0 \$106,150.0 \$241,005.0 \$241,005.0 \$241,001.0 \$111,583.0 \$1,741,153.00 \$235,756.9	\$180,076.0 \$125,030.0 \$103,167.0 \$102,119.0 \$233,552.0 \$111,583.0 \$1,837,208.00 \$207,085.0	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$112,730.00 \$242,739.00 \$257,395.00 \$114,188.00 \$1,904,279.00 \$157,156.00
Hest Hountain HRIZONGH COLORHODH DOHTANN HOHTANN HEH MEKICO UTAH HYOHING Hountain Total Pacific RLASKRM CALIFORNIAM	\$191,785.0 \$206,225.0 \$69,197.0 \$42,355.0 \$42,355.0 \$101,585.0 \$37,943.0 \$772,241.00 \$641,829.0 \$1,827,549.0	\$207, \$61.8 \$220, \$09.0 \$77, 072.0 \$52, 251.0 \$45, 457, 756.0 \$118, 602.0 \$42, 603.0 \$560, 091.00 \$1, \$61, 525.0	\$218,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$150,112.0 \$132,017.0 \$132,017.0 \$47,013.0 \$937,903.00 \$71,552.0 \$2,333,110.0	\$232,707.6 \$245,665.0 \$63,609.0 \$60,131.0 \$123,731.0 \$123,731.0 \$115,34.4.0 \$11,003,351.00 \$72,132.0 \$2,011,321.0	\$280,416.0 \$253,921.6 \$341,45.0 \$466,503.0 \$466,503.0 \$140,856.8 \$10,856.8 \$10,856.8 \$10,856.8 \$11,111,862.00 \$31,691.8 \$3,158,885.0	\$251,461.0 \$303,791.0 \$52,131.6 \$83,653.0 \$455,851.0 \$171,576.0 \$173,570.0 \$422,644.0 \$1,266,717.60 \$122,435.0 \$3,284,675.0	\$232,013.3 \$322,056.3 \$104,019.0 \$35,273.6 \$184,084.0 \$156,376.0 \$17,193.0 \$1,364,531.4 \$3,145,636.0	\$330,152.0 \$566,747.0 \$101,652.0 \$103,617.6 \$75,360.0 \$155,191.0 \$101,355.1 \$1,160,841.10 \$157,042.7 \$3,125,600.0	\$378,214.0 \$200,302.0 \$110,123.0 \$130,123.0 \$177,352.0 \$270,855.0 \$220,855.0 \$235,739.1 \$101,839.9 \$1,613,391.60 \$3,828,837.3	\$132,312.0 \$339,140.0 \$119,042.0 \$106,150.0 \$31,042.0 \$106,150.0 \$231,005.0 \$231,005.0 \$231,010.0 \$111,583.0 \$1,711,153.00 \$235,756.9 \$1,217,256.0	\$180,076.0 \$123,132.0 \$125,030.0 \$103,167.0 \$103,167.0 \$102,119.0 \$237,219.0 \$111,583.0 \$11,637,206.00 \$1,637,206.00 \$1,552,651.0	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$112,730.00 \$242,738.00 \$257,305.00 \$114,188.00 \$1,904,279.00 \$157,156.00 \$4,748,158.00
Hountain RRIZONAW COLORADON IDAHO NONTANA HEN TEXICO UTAM HANTING HOUNTAIN Total Pacific RASKAM CALIFORNIAM HANDII	\$101,786.0 \$206,225.0 \$459,197.0 \$47,705.0 \$42,355.0 \$101,\$85.0 \$37,943.0 \$41,629.0 \$41,629.0 \$1,827,549.6 \$97,681.6	\$207,561.8 \$220,509.0 \$77,072.0 \$52,251.0 \$118,602.0 \$42,609.0 \$42,609.0 \$42,609.0 \$42,609.0 \$1,561,525.0 \$109,642.0	\$218,166.0 \$237,310.0 \$53,797.0 \$55,050.0 \$111,458.0 \$132,017.0 \$477,043.0 \$937,963.00 \$74,552.0 \$2,333,110.0 \$113,767.0	\$232,707.6 \$276,066.0 \$33,608.0 \$55,956.0 \$123,731.0 \$115,374.0 \$11,003,351.00 \$72,41321.0 \$113,073.0	\$280,416.0 \$253,961.0 \$341,146.0 \$545,503.0 \$143,316.0 \$143,316.0 \$10,316.0 \$10,150,4.0 \$1,111,652.00 \$31,064.0 \$3,150,855.0 \$135,373.0	\$291,461.0 \$305,791.0 \$52,131.6 \$83,693.0 \$171,576.0 \$173,570.0 \$122,644.0 \$1,266,717.60 \$122,439.0 \$3,281,675.0 \$154,775.0	\$232,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,929.0 \$184,084.0 \$196,376.0 \$1,361,529.60 \$1,361,529.60 \$1,361,529.60 \$1,351.45,656.0 \$105,112.4	\$330, 192.0 \$566, 747.0 \$101, C62.0 \$103, 617.6 \$175, 360.0 \$135, 494.0 \$137, 016.0 \$101, 356.1 \$1, 480, 841.10 \$157, 042.7 \$3, 125, 600.0 \$191, 560.0	\$378,214.6 \$280,302.0 \$110,123.0 \$177,552.0 \$78,97.0 \$220,855.0 \$223,739.1 \$101,639.9 \$1,613,391.60 \$3,020,637.9 \$165,701.0	\$132,312.0 \$399,140.0 \$119,042.0 \$106,150.0 \$91,400.0 \$231,035.0 \$241,401.0 \$111,583.0 \$11,711,153.00 \$235,756.9 \$1,247,256.9 \$1,247,256.9	\$180,076.0 \$123,132.0 \$103,167.0 \$103,167.0 \$102,119.0 \$233,552.0 \$257,213.0 \$11,637,200.00 \$1,637,200.00 \$1,562,651.0 \$207,086.0	\$191,911.00 \$141,021.00 \$133,136.00 \$105,106.00 \$112,730.00 \$242,739.00 \$257,305.00 \$114,186.00 \$114,186.00 \$1,901,279.00 \$157,156.00 \$1,748,158.00 \$254,672.00
Hest Hountain ARIZONAN COLORADON DORHO HONTAWA HEN HENCO UTAH HYOMING Hountain Total Pacific ALASSAM CHLIFORNIAM HHMII OREGODM	\$191,785.0 \$206,225.0 \$42,355.0 \$42,355.0 \$101,985.0 \$37,913.0 \$772,241.00 \$1,927,549.6 \$97,881.6 \$1,927,549.6 \$1,927,549.6 \$1,927,549.6	\$207,361.8 \$220,909.0 \$77,072.0 \$52,251.0 \$45,457.8 \$53,756.0 \$118,602.0 \$42,803.0 \$860,091.00 \$1,561,525.0 \$1,951,525.0 \$109,642.0 \$139,234.0	\$219,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$114,458.0 \$132,047.0 \$47,043.0 \$337,963.00 \$74,552.0 \$2,333,110.0 \$113,767.0 \$204,000.0	\$232,707.6 \$255,666.0 \$83,608.8 \$50,131.6 \$123,731.8 \$115,374.0 \$1,003,39.0 \$1,003,30.0 \$1,003,30.0 \$1,003,30.0 \$1,003,30.0 \$1,003,30.0 \$1,003,30.0 \$1,003,30.0 \$1,003,000,000,000,000,000,000,000,000,00	\$280,416.0 \$253,961.0 \$394,1%.0 \$66,503.0 \$52,107.C \$107,316.0 \$10,316.0 \$1,111,652.00 \$1,111,652.00 \$31,694.0 \$3,159,685.0 \$135,373.0 \$125,373.0	\$251,461.0 \$303,731.0 \$52,131.6 \$63,653.0 \$45,651.0 \$171,576.0 \$173,570.0 \$122,454.0 \$1,266,717.60 \$122,459.0 \$3,281,675.0 \$154,755.0 \$252,602.0	\$232,013.3 \$122,036.3 \$194,019.0 \$95,273.6 \$171,529.0 \$194,084.0 \$136,376.0 \$1,364,529.60 \$1,364,529.60 \$1,364,529.60 \$1,45,535.0 \$1,635.11.4 \$221,502.0	\$330, 192.0 \$366, 747.0 \$101, C62.0 \$103, 617.6 \$75, 360.0 \$135, 194.0 \$135, 016.0 \$101, 356.1 \$1, 480, 844.10 \$157, 042.7 \$3, 125, 600.0 \$191, 550.0 \$277, 010.0	\$378,214.6 \$200,302.0 \$110,123.0 \$107,362.0 \$20,655.0 \$220,655.0 \$235,739.1 \$101,639.9 \$1,613,331.60 \$3,928,637.9 \$196,7090 \$282,600.0	\$132,342.0 \$399,140.0 \$119,042.0 \$106,150.0 \$234,035.0 \$234,035.0 \$244,401.0 \$111,583.0 \$1,714,153.0 \$1,217,256.0 \$208,654.0 \$312,191.0	\$180,076.0 \$125,030.0 \$103,167.0 \$102,119.0 \$237,219.0 \$257,219.0 \$1,837,200.00 \$1,562,651.0 \$207,085.0 \$1,562,651.0 \$207,085.0 \$1,562,651.0 \$208,0815.0 \$335,999.0	\$191,911.00 \$111,021.00 \$139,136.00 \$105,106.00 \$105,106.00 \$222,739.00 \$227,395.00 \$111,188.00 \$1,901,279.00 \$1,718,158.00 \$1,718,158.00 \$251,672.00 \$319,940.00
Hountain RRIZONAW COLORADON IDAHO NONTANA HEN TEXICO UTAM HANTING HOUNTAIN Total Pacific RASKAM CALIFORNIAM HANDII	\$101,786.0 \$206,225.0 \$459,197.0 \$47,705.0 \$42,355.0 \$101,\$85.0 \$37,943.0 \$41,629.0 \$41,629.0 \$1,827,549.6 \$97,681.6	\$207,561.8 \$220,509.0 \$77,072.0 \$52,251.0 \$118,602.0 \$42,609.0 \$42,609.0 \$42,609.0 \$42,609.0 \$1,561,525.0 \$109,642.0	\$219,166.0 \$237,310.0 \$83,797.9 \$55,050.0 \$10,112.0 \$114,459.0 \$132,047.0 \$937,963.00 \$74,552.0 \$2,333,110.0 \$113,767.0 \$204,000.0 \$307,917.0	\$232,707.6 \$276,066.0 \$33,608.0 \$55,956.0 \$123,731.0 \$115,374.0 \$11,003,351.00 \$72,41321.0 \$113,073.0	\$280,416.0 \$253,961.0 \$341,146.0 \$56,503.0 \$143,316.0 \$143,316.0 \$10,316.0 \$10,316.0 \$11,111,652.00 \$31,061.0 \$31,50,855.0 \$135,373.0	\$291,461.0 \$305,791.0 \$52,131.6 \$83,693.0 \$171,576.0 \$173,570.0 \$122,644.0 \$1,266,717.60 \$122,439.0 \$3,281,675.0 \$154,775.0	\$232,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,29.0 \$184,084.0 \$196,376.0 \$1,361,529.60 \$1,361,529.60 \$1,361,529.60 \$1,351.45,636.0 \$105,112.6	\$330,152.0 \$366,747.0 \$101,622.0 \$103,617.6 \$75,360.0 \$135,194.0 \$139,016.0 \$101,356.1 \$1,460,644.10 \$157,042.7 \$3,125,600.0 \$101,560.0 \$101,560.0 \$101,560.0 \$101,560.0	\$378,214.0 \$200,302.0 \$110,123.0 \$107,362.0 \$78,937.0 \$220,855.0 \$235,739.1 \$101,830.3 \$1,613,391.60 \$3,920,637.9 \$196,709.0 \$282,600.0 \$579,530.6	\$132,312.0 \$139,140.0 \$106,150.0 \$194,400.0 \$234,405.0 \$241,401.0 \$111,583.0 \$1,711,153.00 \$235,756.9 \$1,217,256.0 \$206,656.0 \$312,191.0 \$589,337.0	\$180,076.0 \$123,132.0 \$125,030.0 \$103,167.0 \$103,167.0 \$103,167.0 \$233,552.0 \$257,219.0 \$111,583.0 \$111,583.0 \$11,637,206.00 \$1,637,206.00 \$1,562,651.0 \$220,015.0 \$220,015.0 \$335,959.0 \$609,937.0	\$191,911.00 \$141,021.00 \$133,136.00 \$105,106.00 \$112,730.00 \$242,739.00 \$257,305.00 \$114,186.00 \$114,186.00 \$1,901,279.00 \$157,156.00 \$1,748,158.00 \$254,672.00
Hest Hountain MRIZONAN COLORADON DORHO HONTAWA HEN HENICO UTAN HEN HENICO UTAN HONTING Hountain Total Pacific RLASSAM CHLIFORNIAM HHANII OREGODN HASHINGTONS Pacific Total	\$191,785.0 \$206,225.0 \$42,335.0 \$42,335.0 \$101,985.0 \$37,913.0 \$772,211.00 \$1,827,549.6 \$97,881.6 \$1,827,549.6 \$1,827,549.6 \$1,827,549.6 \$310,133.0 \$2,177,040.00	\$207,361.8 \$220,909.0 \$77,072.0 \$52,251.0 \$45,457.7 \$357,756.0 \$118,602.0 \$42,603.0 \$860,091.00 \$1,561,525.0 \$109,612.0 \$199,231.8 \$390,250.0 \$2,717,963.00	\$219.166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$114,458.0 \$132,047.0 \$47,043.0 \$337,963.00 \$74,552.0 \$2,333,110.0 \$113,767.0 \$204,000.0 \$307,917.0 \$3,113,3%.00	\$232,707.6 \$255,665.0 \$63,609.6 \$60,131.6 \$123,731.6 \$175,374.6 \$1,003,351.00 \$1,003,351.00 \$72,432.0 \$2,014,321.9 \$119,073.0 \$2,014,321.9 \$119,073.0 \$2,014,321.9 \$1,9,055.00 \$3,713,005.00	\$280,416.0 \$253,961.0 \$541,196.0 \$665,503.0 \$107,056.8 \$10,956.8 \$17,504.0 \$1,111,652.00 \$31,694.0 \$3,150,685.0 \$135,973.0 \$135,473.0 \$135,473.0 \$135,473.0	\$251,461.0 \$303,731.0 \$\$2,131.6 \$\$2,653.0 \$\$45,851.0 \$171,576.0 \$173,570.6 \$42,641.0 \$1,266,717.60 \$1,266,717.60 \$3,281,675.0 \$154,755.0 \$155,755.00\$0\$155,755.00\$155,755.00\$155,755.00\$155,755.00\$155,755.00\$155	\$232,013.3 \$322,036.3 \$194,019.0 \$355,273.6 \$171,529.0 \$196,376.0 \$1,361,529.60 \$1,361,529.60 \$1,361,529.63 \$1,361,535.3 \$1,55,556.3 \$165,517.6 \$145,131.5 \$14,151,077.50	\$330, 192.0 \$366, 747.0 \$101, C62.0 \$103, 617.6 \$75, 380.0 \$155, 194.0 \$135, 016.0 \$101, 356.1 \$1, 480, 644.10 \$157, 042.7 \$3, 125, 600.0 \$191, 560.0 \$273, 010.0 \$543, 617.1 \$1, 281, 030.10	\$378,214.6 \$280,302.8 \$110,123.0 \$107,352.0 \$78,697.8 \$220,655.9 \$220,655.9 \$1,613,351.60 \$1,613,351.60 \$3,928,697.9 \$195,709.0 \$282,600.0 \$282,600.0 \$579,550.6 \$3,047,557.50	\$132,342.0 \$399,140.0 \$119,042.0 \$106,150.0 \$234,005.0 \$234,005.0 \$244,401.0 \$111,583.0 \$1,741,153.00 \$235,756.9 \$1,247,256.0 \$209,634.0 \$322,194.0 \$322,194.0 \$322,194.0 \$322,775.00	\$180,076.0 \$123,132.0 \$123,132.0 \$103,167.0 \$103,167.0 \$103,167.0 \$13,552.0 \$257,219.0 \$111,583.0 \$1,837,206.00 \$1,562,651.0 \$220,085.0 \$220,085.0 \$220,085.0 \$3,5939.0 \$5,936,517.00	\$191,911.00 \$111,021.00 \$139,136.00 \$105,106.00 \$105,106.00 \$222,738.00 \$227,738.00 \$2257,385.00 \$111,188.00 \$1,901,279.00 \$1,748,158.00 \$251,672.00 \$339,940.00 \$578,482.00 \$6,188,408.00
Hountain RRIZONAN COLORADON IDAHO NONTANA HEM MEXICO UTAN HEM MEXICO UTAN HOUNTAIN Total Pacific RLASKAM CHLIFORNIAM HHMAII OREGONN MASKINAGIONN Pacific Total	\$191,785.0 \$206,225.0 \$69,197.0 \$17,705.0 \$42,355.0 \$82,017.0 \$101,585.0 \$37,913.0 \$772,211.00 \$41,829.0 \$1,827,549.6 \$176,653.0 \$317,683.6 \$310,133.0 \$2,177,040.00	\$207,561.8 \$220,509.0 \$77,072.0 \$53,251.0 \$118,662 \$42,683.0 \$860,691.00 \$1,561,525.0 \$109,642.0 \$109,642.0 \$109,642.0 \$109,642.0 \$109,642.0 \$109,250.9 \$22,717,663.00	\$219,166.0 \$237,310.0 \$83,797.9 \$55,050.0 \$50,112.0 \$111,459.0 \$132,047.0 \$417,043.0 \$937,963.00 \$74,552.0 \$2,333,110.0 \$113,767.0 \$204,000.0 \$307,917.0 \$3,113,3%.00	\$222,707.0 \$2%,665.0 \$60,131.0 \$55,656.0 \$123,731.0 \$123,731.0 \$113,374.0 \$11,003,351.00 \$2,011,321.0 \$119,073.0 \$249,535.0 \$3,713,005.00 \$4,717,135.00	\$280,416.0 \$263,964.6 \$341,146.0 \$66,503.0 \$143,316.6 \$143,316.6 \$10,316.6 \$10,554.6 \$11,141,652.00 \$31,604.6 \$3,150,685.0 \$135,373.0 \$135,655.0 \$453,655.0 \$453,655.0 \$453,655.0	\$291,451.0 \$305,791.0 \$52,131.6 \$43,693.0 \$171,576.0 \$173,570.0 \$122,439.0 \$1,266,717.60 \$122,439.0 \$3,284,675.0 \$154,755.0 \$154,755.0 \$154,755.0 \$154,755.0 \$154,755.0 \$154,755.0 \$154,755.0 \$154,755.0 \$155,326,623.10	\$232,013.3 \$122,836.3 \$104,019.0 \$35,273.6 \$184,034.0 \$174,729.9 \$184,034.0 \$175,7193.0 \$1,364,525.60 \$149,531.4 \$3,145,636.0 \$165,114.6 \$165,114.6 \$14,154,077.50 \$35,510,607.50	\$330, 132.0 \$366, 747.0 \$101, C62.0 \$103, 617.6 \$135, 134.0 \$135, 134.0 \$101, 356.1 \$1, 140, 641.10 \$157, 042.7 \$3, 125, 600.0 \$191, 560.0 \$191, 560.0 \$273, 010.0 \$543, 617.4 \$1, 281, 030.10	\$370,211.0 \$200,302.0 \$110,123.0 \$177,352.0 \$72,097.0 \$220,855.0 \$220,855.0 \$220,855.0 \$10,639.3 \$11,613,391.60 \$3,020,697.9 \$196,709.0 \$282,600.0 \$573,930.6 \$3,047,\$57.50 \$6,661,339.30	\$132,342.0 \$339,140.0 \$119,042.0 \$106,150.0 \$234,001.5 \$234,005.0 \$244,001.5 \$111,583.0 \$11,741,153.00 \$12,742,556.0 \$209,636.0 \$312,154.0 \$569,377.0 \$55,592,779.00 \$7,333,932.00	\$480,076.0 \$423,132.0 \$103,167.0 \$103,167.0 \$103,167.0 \$233,552.0 \$237,243.0 \$1,637,200.00 \$1,562,651.0 \$207,086.0 \$207,086.0 \$20,085.00\$00\$000\$000\$000\$000\$000\$000\$000\$000\$	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$112,730.00 \$242,738.00 \$257,305.00 \$114,188.00 \$114,188.00 \$1,748,158.00 \$1,748,158.00 \$251,672.00 \$347,940.00 \$678,482.00 \$6,188,408.00 \$9,092,687.00
Hest Hountain MRIZOMAN CULORADON UDAHO HOHTANA HEN HEXICO UTAH HYOHING HOUTAIN Total Pacific RLASKAN CALIFORNIAM HYANII OREGOM HYSHINGICHX Facific Total Hest Total Bonual Percent Change	\$191,785.0 \$206,225.0 \$49,197.0 \$47,705.0 \$42,355.0 \$101,\$85.0 \$101,\$85.0 \$37,943.0 \$102,\$84.0 \$1,827,549.0 \$1,827,549.6 \$176,653.0 \$310,133.0 \$2,177,040.00 \$3,243,232.00 0.000	\$207,561.8 \$220,509.0 \$77,072.0 \$52,251.0 \$45,477.3 \$118,602.0 \$42,603.0 \$42,603.0 \$560,091.00 \$1,561,525.0 \$10,612.0 \$107,612.0 \$139,250.6 \$2,717,663.00 \$2,717,663.00 \$3,578,751.00 \$10,152	\$218,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$111,450.0 \$132,017.0 \$47,043.0 \$937,903.00 \$74,552.6 \$27,333,110.0 \$113,767.0 \$3,113,767.00 \$3,113,376.00 \$41,051,325.00 \$13,213	\$232,707.6 \$275,666.0 \$33,608.0 \$56,956.0 \$123,731.0 \$153,731.0 \$115,374.0 \$11,003,353,00 \$113,073.0 \$2,011,321.0 \$113,073.0 \$243,535.0 \$3,713,005.00 \$4,717,155.00 \$14,717,155.00	\$280,416.0 \$253,991.0 \$341,146.0 \$466,503.0 \$466,503.0 \$113,316.0 \$107,054.0 \$1,111,642.00 \$13,150,685.0 \$13,150,685.0 \$135,373.0 \$135,373.0 \$135,675.0 \$14,000,270.00 \$53,222,132.00 \$152,2132.00 \$152,2132.00	\$291,461.0 \$305,791.0 \$52,131.6 \$45,693.0 \$45,693.0 \$171,576.0 \$171,576.0 \$172,570.0 \$122,439.0 \$1,264,717.60 \$122,439.0 \$3,284,675.0 \$122,439.0 \$3,284,675.0 \$154,735.0 \$154,735.0 \$154,735.0 \$155,525,623.10 \$5,525,623.10	\$232,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,929.6 \$184,034.0 \$195,076.0 \$1,361,529.60 \$1,361,529.60 \$105,151,077.50 \$41,51,077.50 \$5,510,607.50 \$-0.155	\$330, 192.0 \$566, 747.0 \$101, C62.0 \$103, 617.6 \$103, 617.6 \$103, 617.6 \$135, 194.0 \$103, 617.6 \$135, 194.0 \$101, 356.1 \$1, 480, 841.10 \$137, 042.7 \$3, 125, 600.0 \$101, 550.0 \$1273, 010.0 \$542, 807.1 \$1, 281, 030.10 \$5, 761, 874.20 \$1, 41, 281, 030.10	\$378,211.6 \$580,302.0 \$110,123.0 \$177,562.0 \$78,97.6 \$220,655.0 \$220,655.0 \$220,657.9 \$1,613,391.60 \$1,613,391.60 \$1,613,391.60 \$282,600.0 \$282,600.0 \$282,600.0 \$282,600.0 \$285,50.0 \$55,017,567.50 \$6,661,359.30 \$15,612	\$132,342.0 \$399,140.0 \$119,042.0 \$106,150.0 \$94,400.0 \$234,05.0 \$244,401.0 \$111,533.0 \$1,741,153.00 \$1,741,153.00 \$1,247,256.0 \$206,656.0 \$312,194.0 \$509,937.0 \$5,552,773.00 \$7,333,932.00 10.102	\$180,076.0 \$123,132.0 \$125,030.0 \$103,167.0 \$103,167.0 \$103,167.0 \$103,167.0 \$103,167.0 \$103,167.0 \$1,837,206.00 \$1,837,206.00 \$1,867,206.00 \$1,562,651.0 \$207,086.0 \$207,086.0 \$1,562,651.0 \$203,937.0 \$5,935,517.00 \$7,773,725.00 \$0,002	\$191,911.00 \$141,021.00 \$133,136.00 \$105,106.00 \$112,730.00 \$257,305.00 \$114,186.00 \$114,186.00 \$114,186.00 \$1,901,279.00 \$1,748,158.00 \$254,572.00 \$347,940.00 \$6,188,408.00 \$6,188,408.00 \$6,188,408.00 \$6,189,402.00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,180,00 \$6,190,00 \$6,100,00 \$6,100,00 \$6,100,00 \$6,100,00 \$6,100,00 \$6,100,00 \$6,100,00 \$6,100,00 \$1,00\$1,00
Hountain RRIZONAN COLORADON IDAHO NONTANA HEM MEXICO UTAN HEM MEXICO UTAN HOUNTAIN Total Pacific RLASKAM CHLIFORNIAM HHMAII OREGONN MASKINAGIONN Pacific Total	\$191,785.0 \$206,225.0 \$69,197.0 \$17,705.0 \$42,355.0 \$82,017.0 \$101,585.0 \$37,913.0 \$772,211.00 \$41,829.0 \$1,827,549.6 \$176,653.0 \$317,683.6 \$310,133.0 \$2,177,040.00	\$207,561.8 \$220,509.0 \$77,072.0 \$52,251.0 \$45,477.3 \$118,602.0 \$42,603.0 \$42,603.0 \$560,091.00 \$1,561,525.0 \$10,612.0 \$107,612.0 \$139,231.6 \$350,250.6 \$2,717,663.00 \$3,578,751.00 \$10,152	\$219,166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$111,450.0 \$132,017.0 \$477,043.0 \$937,963.00 \$71,552.0 \$27,333,110.0 \$113,767.0 \$307,917.0 \$307,917.0 \$307,917.0 \$31,13,345.00 \$10,031,325.00 \$10,031,325.00	\$232,707.6 \$275,666.0 \$33,608.0 \$56,956.0 \$123,731.0 \$153,731.0 \$115,374.0 \$11,003,353,00 \$113,073.0 \$2,011,321.0 \$113,073.0 \$243,535.0 \$3,713,005.00 \$4,717,155.00 \$14,717,155.00	\$280,416.0 \$253,991.0 \$391,146.0 \$466,503.0 \$466,503.0 \$11,316.0 \$11,316.0 \$170,504.0 \$1,111,642.00 \$131,004.0 \$131,004.0 \$131,004.0 \$131,004.0 \$135,373.0 \$135,473.0 \$135,473.0 \$14,000,270.0 \$5,222,132.00 \$10,713	\$291,461.0 \$305,791.0 \$52,131.6 \$45,693.0 \$45,693.0 \$171,576.0 \$171,576.0 \$172,570.0 \$122,439.0 \$1,264,717.60 \$122,439.0 \$3,284,675.0 \$122,439.0 \$3,284,675.0 \$154,735.0 \$154,735.0 \$154,735.0 \$155,525,623.10 \$5,525,623.10	\$232,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,929.6 \$184,034.0 \$195,076.0 \$1,361,529.60 \$1,361,529.60 \$105,151,077.50 \$41,51,077.50 \$5,510,607.50 \$-0.155	\$330, 192.0 \$566, 747.0 \$101, C62.0 \$103, 617.6 \$103, 617.6 \$103, 617.6 \$135, 194.0 \$103, 617.6 \$135, 194.0 \$101, 356.1 \$1, 480, 841.10 \$137, 042.7 \$3, 125, 600.0 \$101, 550.0 \$1273, 010.0 \$542, 807.1 \$1, 281, 030.10 \$5, 761, 874.20 \$1, 41, 281, 030.10	\$378,211.6 \$580,302.0 \$110,123.0 \$177,562.0 \$78,97.6 \$220,655.0 \$220,655.0 \$220,657.9 \$1,613,391.60 \$1,613,391.60 \$1,613,391.60 \$282,600.0 \$282,600.0 \$282,600.0 \$282,600.0 \$283,607.9 \$165,612,50.20 \$6,661,359.30 \$5,612,512	\$132,342.0 \$399,140.0 \$119,042.0 \$106,150.0 \$94,400.0 \$234,05.0 \$244,401.0 \$111,533.0 \$1,741,153.00 \$1,741,153.00 \$1,247,256.0 \$206,656.0 \$312,194.0 \$509,937.0 \$5,552,773.00 \$7,333,932.00 10.102	\$180,076.0 \$123,132.0 \$125,030.0 \$103,167.0 \$112,119.0 \$233,552.0 \$257,213.0 \$11,583.0 \$1,837,206.00 \$1,867,206.00 \$1,852,651.0 \$207,086.0 \$207,086.0 \$1,552,651.0 \$235,939.0 \$609,937.0 \$5,935,517.00 \$7,773,725.00 \$0,002	\$191,911.00 \$141,021.00 \$133,136.00 \$105,106.00 \$112,730.00 \$224,739.00 \$257,395.00 \$114,186.00 \$114,186.00 \$114,186.00 \$1,901,279.00 \$1,901,279.00 \$1,9748,138.00 \$254,672.00 \$349,940.00 \$6,188,408.00 \$6,188,408.00 \$6,188,408.00 \$1,002
Hountain MRIZOMAN CULORADON LOGHO HONTANA HEN TEXICO UTAN HONTANA HEN TEXICO UTAN HONTANA HONTING HONTING HONTING HONTING CALIFORNIAM HONTIN OREGONN HONTING CALIFORNIAM HONTIN OREGONN HONTIN Facific Total Manual Percent Change 2 Change Over 1976-77 TOTAL	\$191,785.0 \$206,225.0 \$42,355.0 \$42,355.0 \$101,\$85.0 \$101,\$85.0 \$101,\$85.0 \$102,\$85.0 \$102,\$85.0 \$102,\$85.0 \$102,\$41,829.0 \$1,827,549.0 \$11,827,549.0 \$310,133.0 \$2,477,048.00 \$3,243,232.00 \$0,000 \$13,863,013.0	\$207,361.8 \$220,909.0 \$77,072.0 \$52,251.0 \$45,477.8 \$118,602.0 \$42,683.0 \$560,091.00 \$560,091.00 \$1,961,525.0 \$107,642.0 \$198,234.6 \$300,250.6 \$2,717,643.00 \$2,717,643.00 \$1,978,754.00 \$10.142 \$15,436,544.0	\$219.166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$111,450.0 \$132,017.0 \$47,043.0 \$937,963.00 \$71,552.0 \$27,333,110.0 \$113,767.0 \$3,113,346.00 \$41,051,329.00 \$2,216,637	\$232,707.6 \$275,666.0 \$33,608.8 \$56,956.0 \$123,731.8 \$153,74.0 \$11,003,351,674.0 \$11,003,351,00 \$119,073.0 \$12,93,536.0 \$139,773,155.00 \$4,717,155.00 \$4,717,155.00 \$1,717,155.00 \$1,717,155.00 \$1,717,155.00 \$1,717,155.00 \$1,717,155.00 \$1,717,155.00 \$1,717,155.00 \$1,717,155.00 \$1,717,155.00	\$280,416.0 \$265,991.0 \$391,146.0 \$66,503.0 \$52,107.C \$113,316.0 \$10,056.0 \$1,111,652.00 \$1,111,652.00 \$131,001.0 \$131,001.0 \$131,001.0 \$135,73.0 \$135,645.0 \$14,000,270.0 \$5,222,132.00 \$14,000,270.0 \$5,222,132.00 \$10,712 \$20,940,119.0	\$291,461.0 \$305,791.9 \$52,131.6 \$45,693.0 \$45,693.0 \$171,576.0 \$171,576.0 \$122,439.0 \$1,264,717.60 \$1,264,717.60 \$1,264,717.60 \$122,439.0 \$3,284,675.0 \$154,755.0 \$155,26,62.0 \$155,326,623.10 \$5,326,625.100\$\$5,526,625.100\$\$5,526,526,526,526,526,526,526,526,526,52	\$232,013.3 \$322,036.3 \$104,019.0 \$35,273.6 \$71,929.6 \$184,094.0 \$194,094.0 \$195,076.0 \$1,364,529.60 \$1,364,529.60 \$105,154,077.50 \$4,55,10,607.50 \$-0.155 \$-0.155 \$-0.155	\$330, 192.0 \$566, 747.0 \$101, C62.0 \$103, 617.6 \$75, 360.0 \$135, 491.0 \$135, 016.0 \$101, 356.1 \$1, 400, 494.1 \$1, 400, 494.1 \$1, 260, 00 \$101, 550.1 \$1, 281, 030.10 \$5, 761, 874.20 \$4, 281, 030.10 \$5, 761, 874.20 \$4, 281, 030.10 \$5, 761, 874.20 \$4, 281, 030.10 \$5, 761, 874.20 \$4, 283, 030.10 \$5, 761, 874.20 \$4, 283, 030.10 \$5, 761, 874.20 \$4, 283, 030.10 \$5, 761, 874.20 \$4, 283, 030.10 \$5, 761, 874.20 \$4, 333, 525, 506, 206.00	\$378,211.6 \$580,302.8 \$110,123.0 \$177,362.0 \$78,97.0 \$220,855.0 \$225,739.1 \$101,839.9 \$1,613,331.60 \$1,613,331.60 \$1,613,331.60 \$1,613,331.60 \$1,613,331.60 \$1,613,51.60 \$53,017,547.50 \$5,641,359.30 \$5,641,359.30 \$28,363,640.1	\$132,342.0 \$399,140.0 \$119,042.0 \$106,150.0 \$241,001.0 \$111,503.0 \$111,503.0 \$11,741,153.00 \$1,247,256.9 \$1,247,256.9 \$1,247,256.9 \$1,247,256.9 \$1,247,256.9 \$1,247,256.9 \$1,247,257.0 \$200,536.0 \$200,536.0 \$200,536.0 \$200,537.0	\$180,076.0 \$123,132.0 \$125,030.0 \$103,167.0 \$112,119.0 \$233,552.0 \$257,213.0 \$1,837,206.00 \$1,867,206.00 \$1,852,651.0 \$207,086.0 \$1,552,651.0 \$207,086.0 \$1,552,651.0 \$207,085.0 \$207,085.0 \$207,085.0 \$1,552,651.0 \$207,73,725.00 \$1,773,725.00 \$0,002 \$133,242 \$32,367,127.0	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$105,106.00 \$12,730.00 \$242,739.00 \$257,395.00 \$11,188.00 \$11,901,279.00 \$1,901,279.00 \$1,901,279.00 \$1,901,279.00 \$1,901,279.00 \$4,748,158.00 \$254,672.00 \$349,940.00 \$6,189,408.00 \$6,189,408.00 \$6,189,408.00 \$6,189,408.00 \$6,189,408.00 \$1,002,687.00 1,102 \$34,042,018.0
Hountain REZONAN COLORADON IDEND HONTENN HEN HENICO UTAN HONTENN HENI HENICO UTAN HONTENN HONTENN HONTENN HONTENN Pacific RLASSEAN CALIFORNIA HENII OREGONE HENINGTONS Pacific Total Montal Percent Change 2 Change Over 1976-77 TOTAL Annual Percent Change	\$191,785.0 \$206,225.0 \$69,197.0 \$47,705.0 \$42,355.0 \$82,047.0 \$101,385.0 \$37,943.0 \$772,241.00 \$41,829.0 \$1,827,549.6 \$1310,133.0 \$2,477,049.00 \$3,243,232.03 0.003 0.003 \$13,863,013.0 \$13,863,013.0	\$207,551.8 \$220,509.0 \$77,072.0 \$52,251.0 \$19,602.0 \$148,602.0 \$149,602.0 \$149,602.0 \$149,602.0 \$149,602.0 \$149,602.0 \$149,602.0 \$154,525.0 \$190,251.0 \$190,251.0 \$1,51,525.0 \$1,525.0\$1,525.0\$1,525.0\$1,525.0\$1,525.0\$1,525.0\$1,	\$219.166.0 \$237,310.0 \$83,797.0 \$55,050.0 \$50,112.0 \$114,458.0 \$132,047.0 \$47,043.0 \$337,963.00 \$74,552.0 \$2,333,110.0 \$113,767.0 \$204,000.0 \$367,917.0 \$3,113,345.00 \$4,051,329.00 \$13,213 \$2,41.653 \$16,976,544.0 \$3,963	\$232,707.6 \$235,666.0 \$83,608.8 \$60,131.6 \$123,731.8 \$115,344.0 \$1,003,39.00 \$1,003,39.00 \$1,003,39.00 \$1,003,39.00 \$1,003,39.00 \$1,003,39.00 \$1,005.00 \$4,717,155.00 \$4,717,155.00 \$4,717,155.00 \$1,171,155.00 \$1,271,181,175,175,171,155.00 \$1,271,181,175,175,171,175,175,171,175,175,171,175,175	\$280,416.0 \$253,961.0 \$541,1%.0 \$66,503.0 \$52,107.C \$173,316.8 \$1,60,856.8 \$70,504.9 \$1,111,652.00 \$1,111,652.00 \$31,694.0 \$3,159,685.9 \$135,373.0 \$135,645.9 \$14,000,270.00 \$5,222,132.00 \$5,220,100,100,100,100,100,100,100,100,100	\$251,461.6 \$303,731.0 \$\$2,131.6 \$\$2,131.6 \$\$2,53.6 \$\$2,53.6 \$\$1,576.0 \$171,576.0 \$171,576.0 \$171,576.0 \$122,439.0 \$3,281,675.0 \$154,735.0 \$154,735.0 \$252,602.0 \$455,431.5 \$1,259,905.30 \$55,525,623.10 \$55,525,623.10 \$55,525,623.10 \$52,751,669.4 \$653	\$232,013.3 \$194,019.0 \$352,273.6 \$71,929.0 \$194,084.0 \$136,376.0 \$1,364,529.60 \$1,364,529.60 \$1,364,529.60 \$1,364,529.50 \$1,364,529.50 \$145,134.5 \$14,154,077.90 \$5,510,607.50\$\$5,507.00\$\$5,	\$330, 192.0 \$366, 747.0 \$101, C62.0 \$103, 617.6 \$75, 360.0 \$135, 194.0 \$135, 194.0 \$135, 016.0 \$101, 356.1 \$1, 480, 844.10 \$137, 042.7 \$3, 125, 600.0 \$191, 560.0 \$273, 010.0 \$543, 617.4 \$1, 281, 030.10 \$5, 761, 874.20 \$1, 1412 \$77, 333 \$25, 506, 206.0 \$5, 506, 206.0	\$378,211.6 \$200,302.8 \$110,123.0 \$107,362.0 \$200,855.0 \$220,855.0 \$235,739.1 \$1,613,331.60 \$3,928,937.0 \$1,613,331.60 \$3,928,937.0 \$196,709.0 \$282,600.0 \$579,950.6 \$53,047,557.50 \$6,661,379.30 \$15,612 \$28,363,649.1 \$12,002	\$132,342.0 \$399,140.0 \$119,042.0 \$106,150.0 \$244,005.0 \$244,005.0 \$244,005.0 \$111,583.0 \$1,247,256.0 \$1,247,256.0 \$1,247,256.0 \$206,636.0 \$312,191.0 \$568,337.0 \$5,592,779.00 \$7,333,932.00 10.102 \$30,730,135.0 8.342	\$180,076.0 \$125,030.0 \$103,167.0 \$103,167.0 \$102,119.0 \$237,219.0 \$1,837,209.00 \$1,837,209.00 \$1,562,651.0 \$207,086.0 \$1,562,651.0 \$207,086.0 \$1,562,651.0 \$20,085.0 \$20,937.0 \$5,936,517.00 \$7,773,725.00 \$7,773,725.00 \$32,367,127.0 \$33,247	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$105,106.00 \$12,730.00 \$222,738,00 \$257,385,00 \$114,188.00 \$1,904,279.00 \$1,748,158.00 \$1,748,158.00 \$24,748,158.00 \$24,748,158.00 \$24,748,158.00 \$354,672.00 \$6,189,408.00 \$6,092,687.00 1.10z 149.06z \$34,042,018.0 5.17z
Hountain MRIZOMAN CULORADON LOGHO HONTANA HEN TEXICO UTAN HONTANA HEN TEXICO UTAN HONTANA HONTING HONTING HONTING HONTING CALIFORNIAM HONTIN OREGONN HONTING CALIFORNIAM HONTIN OREGONN HONTIN Facific Total Manual Percent Change 2 Change Over 1976-77 TOTAL	\$191,785.0 \$206,225.0 \$42,355.0 \$42,355.0 \$101,\$85.0 \$101,\$85.0 \$101,\$85.0 \$102,\$85.0 \$102,\$85.0 \$102,\$85.0 \$102,\$41,829.0 \$1,827,549.0 \$11,827,549.0 \$310,133.0 \$2,477,048.00 \$3,243,232.00 \$0,000 \$13,863,013.0	\$207,551.8 \$220,509.0 \$77,072.0 \$52,251.0 \$19,602.0 \$148,602.0 \$149,602.0 \$149,602.0 \$149,602.0 \$149,602.0 \$149,602.0 \$149,602.0 \$154,525.0 \$190,251.0 \$190,251.0 \$1,51,525.0 \$1,525.0\$1,525.0\$1,525.0\$1,525.0\$1,525.0\$1,525.0\$1,	\$219,166.0 \$237,310.0 \$83,797.0 \$53,050.0 \$10,112.0 \$111,459.0 \$114,459.0 \$132,047.0 \$337,963.00 \$113,767.0 \$201,000.0 \$307,917.0 \$3,113,346.00 \$4,051,329.00 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,340,000 \$4,050,000 \$4,050,000 \$4,050,0000 \$4,050,0000 \$4,050,0000 \$4,00000000000000000000	\$232,707.6 \$235,665.0 \$63,603.6 \$60,131.6 \$123,731.6 \$135,344.6 \$1,003,39.00 \$1,003,39.00 \$1,003,39.00 \$1,003,39.00 \$1,003,39.00 \$1,003,39.00 \$1,717,155.00 \$1	\$280,416.0 \$253,961.0 \$541,1%.0 \$66,503.0 \$52,107.C \$173,316.8 \$1,60,856.8 \$70,504.9 \$1,111,652.00 \$1,111,652.00 \$31,694.0 \$3,159,685.9 \$135,373.0 \$135,645.9 \$14,000,270.00 \$5,222,132.00 \$5,220,100,100,100,100,100,100,100,100,100	\$251,461.6 \$303,731.0 \$\$2,131.6 \$\$3,633.6 \$\$45,851.0 \$171,576.0 \$173,570.6 \$42,641.0 \$1,266,717.60 \$1,266,717.60 \$122,439.0 \$3,281,675.0 \$154,735.6 \$154,735.6 \$154,735.6 \$155,905.30 \$3,526,623.10 \$5,522,623.10 \$5,522,623.10 \$5,522,623.10 \$5,522,623.10 \$5,522,623.10 \$5,522,623.10 \$5,522,623.10 \$5,522,623.10 \$5,522,623.10 \$5,522,623.10 \$5,522,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,653.4 \$5,525,751,665.4	\$232,013.3 \$194,019.0 \$352,273.6 \$71,929.0 \$194,084.0 \$136,376.0 \$1,364,529.60 \$1,364,529.60 \$1,364,529.60 \$1,364,529.50 \$1,364,529.50 \$145,134.5 \$14,154,077.90 \$5,510,607.50\$\$5,507.00\$\$5,	\$330, 192.0 \$366, 747.0 \$101, C62.0 \$103, 617.6 \$75, 360.0 \$135, 194.0 \$135, 194.0 \$135, 016.0 \$101, 356.1 \$1, 480, 844.10 \$137, 042.7 \$3, 125, 600.0 \$191, 560.0 \$273, 010.0 \$543, 617.4 \$1, 281, 030.10 \$5, 761, 874.20 \$1, 1412 \$77, 333 \$25, 506, 206.0 \$5, 506, 206.0	\$378,214.6 \$280,302.8 \$110,123.0 \$107,362.0 \$20,655.8 \$20,55.8 \$101,839.1 \$1,613,331.60 \$3,828,637.9 \$1,613,331.60 \$3,828,637.9 \$196,700.0 \$282,600.0 \$579,950.6 \$55,047,567.50 \$6,661,379.30 \$15,612 \$28,563,649.1 \$12,007	\$132,342.0 \$399,140.0 \$119,042.0 \$106,150.0 \$244,005.0 \$244,005.0 \$244,005.0 \$111,583.0 \$1,247,256.0 \$1,247,256.0 \$1,247,256.0 \$206,636.0 \$312,191.0 \$568,337.0 \$5,592,779.00 \$7,333,932.00 10.102 \$30,730,135.0 8.342	\$180,076.0 \$125,030.0 \$103,167.0 \$103,167.0 \$102,119.0 \$237,219.0 \$1,837,209.00 \$1,837,209.00 \$1,562,651.0 \$207,086.0 \$1,562,651.0 \$207,086.0 \$1,562,651.0 \$20,085.0 \$20,937.0 \$5,936,517.00 \$7,773,725.00 \$7,773,725.00 \$32,367,127.0 \$33,247	\$191,911.00 \$141,021.00 \$139,136.00 \$105,106.00 \$105,106.00 \$12,730.00 \$222,738,00 \$257,385,00 \$114,188.00 \$1,904,279.00 \$1,748,158.00 \$1,748,158.00 \$24,748,158.00 \$24,748,158.00 \$24,748,158.00 \$354,672.00 \$6,189,408.00 \$6,092,687.00 1.10z 149.06z \$34,042,018.0 5.17z

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APPENDIX 5



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PER CAPITA DISPOSABLE INCOME, BY STATE AND CENSUS REGIGNS. 1969 TO 1986

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State & Regions	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	197 9	1980	1981	1962	1983	1934	1985	1986
1 United States	3234	3181	3732	3569	1166	1015	5283	5740	6258	6963	7679	8121	9240	9721	10350	11258	11876	12521
2 New England	3525	3601	1010	1266	4691	5100	5523	5981	6504	7169	7982	0336	9812	10618	11505	12711	13506	14575
	3976	4291	1522	1767	5288	5759	6214	6691	7362	8131	9093	10196	11262	12073	13135	14534	15305	16672
3 Connecticut		3016	3209	3423	3800	4179	4110	5003	5407	5964	6108	7224	7831	8221	8691	980.	10366	11106
1 Naine	2712				1737	5115	5593	6011	6507	7210	7545	8926	\$623	10718	11597	12913	13769	14836
5 Hassechusetts	3549	3036	4103	1329					6005	6708		8524	9415	10154	11011	12236	12971	13691
6 New Hampshire	3251 ·	3360	3586	3603	1258	1598	4944	5160			7563							
7 Rhode Island	3291	3533	3694	3929	1231	-1 510	5091	5325	6022	6532	7171	8129	8978	9576	10199	11434	11966	12834
8 Vermont	2860	3075	3319	3530	3506	4214	4522	5029	5368	6118	6756	7411	8256	8777	9239	9 987	10603	11354
9 Hideest	3603	3904	4187	1130	4970	5295	5773	6220	6700	7372	8089	6562	9951	10502	11333	12327	13075	13949
10 Delaware	3519	3728	3976	4265	4719	5111	5171	5862	6321	6971	7139	0251	69*5	9564	10326	11046	11734	12745
11 9.C.	3812	4175	5000	5420	5907	6410	7054	7594	8253	6831	9120	10240	15	11890	12840	11122	15202	15955
12 Heryland	3389	3719	4002	1250	1755	5137	5599	6128	6552	7260	7974	\$960	991-1	10465	11412	1249?	13402	14091
13 Hew Jorsey	3046	4154	4467	1732	5216	5654	6145	65-16	7172	7943	8734	9858	10076	11700	12744	13918	14791	15927
11 New York	3784	1095	1350	1618	5044	5155	5927	6300	6770	7400	6020	6963	5611	10192	11110	12493	13172	14070
15 Pennsylvania	3245	3490	3710	3911	4367	1826	5306	5005	6314	6360	7683	8162	9226	97-16	10278	10990	11674	12403
16 Greet Lakes	3372	3538	3618	1082	4614	1990	5398	5326	6520	7206	7510	65-16	9228	9624	10190	11167	11776	12468
17 111inois	3659	3865	1170	405	5025	5170	5501	6457	7048	7777	6514	9154	10073	10577	11111	12120	12711	13518
19 Indiana	3116	3224	3502	3749	4362	1568	4991	5326	6078	6731	7360	7877	8543	8789	9239	10241	10682	11291
19 Nichigan	3397	3512	3921	1135	465.1	5002	5356	5958	6636	7316	9316	9623	9156	9130	10032	11119	11879	12590
	3299	3173	3713	3954	4121	4937	5190	5700	6280	6920	7589	8276	8917	9326	3683	10811	11404	12015
20 Ohio	3072	3294	3552	3795	4241	4531	5037	5522	6133	6803	7669	8316	8922	9336	3928	10761	11349	12055
21 Hisconsin	3012	3231	3336	3134														
22 Plains	3033	3279	3530	3621	15/15	1705	5151	5185	6073	6817	7582	0075	8590	9314	9773	10784	11366	12163
23 1040	3035	3297	3119	3769	4652	-1642	5224	5177	6102	7079	7691	8013	9067	9112	9275	10331	10807	11540
21 Kansas	3016	3252	3579	3957	4541	4832	5276	5739	6235	7003	7047	8387	9316	9896	10310	11233	11771	12500
25 Himesota	3172	3111	3652	3073	4625	4835	5197	5593	6290	6930	7649	8110	9154	9598	10072	11302	11893	13117
26 Missouri	2996	3279	3532	3761	4261	4515	4955	5338	5985	6650	7369	7952	8763	9094	9779	106-19	11324	11933
27 Mebreske	3049	3253	3591	3851	4550	4632	5302	5531	5946	6850	7539	7971	9118	9214	5665	10763	11429	12051
	2627	2764	3204	3622	5539	5222	5301	5220	5139	6731	7352	1339	8493	9102	9400	10317	10583	11100
20 Horth Dakota	2631	2895	3157	3524	4655	4523	1360	1920	5597	6359	7278	7323	\$253	8360	8660	3505	10032	10730
29 South Dakota	2031	2043								••••								-
30 Southeest	2622 2349	2860 2577	3085 2774	3348 3026	3776 3309	4122 3706	1185 1039	4334	5342 4935	5969 5494	6586 6053	7261 6371	8010 7182	8417 7540	9006 6004	9796 8736	10313 9162	108 76 9591
31 Alabana						3600	4093	1145	4935	5557	6068	6493	7224	7394	7936	8599	9200	9857
32 Arkanses	2273	2987	2720	2979	3450						7530			9586	10497	11251		12576
33 Florida	3063	3421	3675	3954	4138	4736	5143	5151	6020	6794		8385	9263				11894	
31 Georgia	2690	2914	3140	3422	3615	1168	4503	4901	5303	5912	6437	7090	7817	0349	8990	9938	10568	11122
35 Kentucky	2511	2726	2923	3154	3577	3910	4271	4705	5176	5741	6367	6910	7627	7937	8200	8984	9271	9933
36 Louisiana	2514	2721	2909	3113	3476	3906	-(333	4787	5262	5918	6563	7405	\$292	8755	5061	3559	\$80.9	9827
37 Mississippi	2101	2290	2504	2762	3144	3405	3686	1100	1556	4959	5560	5954	6504	6809	7 17 4	7705	6014	8395
30 Horth Carolina	2576	2802	3000	3278	3718	4013	4352	4758	5137	57 19	6231	6918	7539	7971	8606	9517	9915	10513
39 South Carolina	2121	2611	2822	5031	3126	3787	1103	4170	-3339	5365	5898	6503	7123	7456	9011	8812	9238	9685
10 Tennessee	2545	2751	2503	3278	3703	1038	1346	1759	5212	5911	6151	6908	7611	7908	8464	9339	9830	10335
11 Virginia	2971	3169	3132	3702	4155	1549	5014	5171	5939	6606	7353	8297	9111	9766	10533	11492	12271	12993
12 Hest Virginia	2373	2679	2916	3164	3179	3019	4277	4673	5120	5646	6207	6773	7291	7694	7837	0355	6910	9179
- Mear Att Ature														•				
13 Southwest	28 18 2957	3118	5335 3554	3560	1026 1252	4105 1570	-1958	5351 5200	5850 5634	6622 6405	7366 7101	8129' 7933	9057 8615	9556 8902	9956 9525	10683 10465	11235 11137	11264 11767
11 Arizona		3272		3821			1811								9615		9716	
45 Kew Nexico	250-1	2737	2994	3252	3592	3941	1120	4771	5271	5894	6520	7143	7779	8111		8962		9890
46 Oklahona	2726	5335	3213	3430	3920	4213	4739	5137	5612	6268	7141	7941	8960	9321	9486	9957	\$893	9837
17 Taxas	2891	3157	3358	3603	4050	1151	4993	5179	5996	6907	7527	8296	9298	9873	10255	11027	11659	11569

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48 Rocky Hountain	2905	3212	3171	3776	4237	1610	5032	5152	5921	6703	7371	8152	8915	9317	9816	10503	10900	1 1217
45 Cotorado	3111	3156	3769	1011	1191	1907	5361	5833	6342	7143	7973	8913	9951	10575	11302	12153	12540	12765
50 Idaho	2802	3063	3250	3591	4091	1311	4803	5269	5626	6312	6806	7452	7971	8008	8751	9157	9541	9873
51 Montana	2755	3003	3252	3699	4293	1551	1931	5199	5539	6510	7002	7693	8519	8719	8860	9317	9686	10116
52 Ulah	2615	2076	3121	3380	3688	1027	1105	1003	5259	5869	6395	6075	7418	7685	8181	8751	9172	9665
53 Hyoning	3003	3251	3571	3985	4533	5029	5520	5891	6627	7702	6395	9421	10113	10132	9716	10269	10825	10675
51 Far Hest	3730	1005	1225	1197	1957	5753	5972	6513	7083	7915	0000	9652	10540	10797	11688	12621	13322	14045
55 California	3839	1131	5351	1613	5090	5585	6107	6617	7229	8095	0991	5976	10837	11331	12010	12999	13737	14553
56 Hevada	3690	1190	1125	1658	5110	5429	5995	6176	7167	8183	0073	9711	10515	10643	11296	11780	12417	13071
57 Gregon	3069	3328	3579	3889	1339	4777	5223	5785	6245	6981	7689	8301	8907	8924	9626	10415	10849	10726
58 Hashington	3501	3656	3810	1092	1586	5107	5613	6186	6746	7637	0153	9216	9937	10430	11119	11915	12531	13194
59 Alaska 60 Hauaii CENSUS REGIONS	3699 3909	1336 1182	1551 1391	1711 1620	5532 1993	6119 5665	8168 6141	9639 6180	9917 6781	100 11 7427	10257 0116	11568 9061	12670 9609	1 1188 10212	15265 10866	15133 11460	1596 1 12 196	15153 12093
61 New England	3525	3001	1010	4266	1691	5100	5523	5901	6504	7189	7902	8936	9012	10618	11505	12744	12506	11575
62 Hiddle Atlantic	3625	3915	1191	4441	1069	5294	5772	6210	6703	7366	6093	8975	9952	10495	11315	12300	13024	13918
Northeast	3575	3858	1117	4353.5	1790	5197	5617.5	6075.5	6603.5	7277.5	8035.5	8955.5	9917	10556.5	11410	12522	13265	14216.5
63 East Horth Central	3372	3539	3819	4082	1611	1990	5398	5926	6528	7296	791 8	6516	9228	9621	10190	11167	11776	12468
61 Host Horth Central	3033	3279	3530	3821	1515	1705	5151	5486	6073	6817	7582	8075	1990	9311	9773	10784	11366	12163
Horth Central	3203	3409	3674	3952	1500	1819	5275	5706	6301	7027	7750	6311	9109	9169	9982	10976	11571	12316
65 South Atlantic	2891	3166	3413	3682	1127	1903	4070	5278	5724	6378	7012	7702	8565	9037	9779	10653	11287	11939
66 East South Central	2105	2618	2829	3030	3150	3907	1117	1582	5016	5577	6170	6630	7321	7667	8053	8909	9206	9722
67 Hast South Central	2736	2906	3191	3127	3867	1261	1749	5207	5709	6455	7164	7919	8671	9303	9744	10121	10908	10913
South	2679	2923	3144	3100	3628	1181	1589	5022	5183	6137	6782	7461	8252	8696	9192	9952	10467	10658
60 Nountain	2912	3224	3190	3777	1220	1390	1369	5378	5859	6638	7333	8091	83 16	9157	9731	10412	10943	1 1360
69 Pacific	3732	4010	1230	419 0	1961	5172	6009	6551	7109	7951	8001	9657	10510	11031	11725	12651	13351	14050
Hast	3322	3617	3860	1133.5	1590.5	5031	5189	5966	6481	7291.5	9068.5	8375.5	9693	10094	10729.5	11531.5	12147	12709

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APPENDIX 6



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PUBLIC COLLEGES AND UNIVERSITIES INCLUDED IN THE WASHINGTON COORDINATING BOARD SURVEY OF TUITION AND REQUIRED FEES

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STATE	UNIVERSITY	COLLEGES & STATE UNIVERSITIES	COMMUNITY COLLEGES
Alabama	Univ of Alabama, • Tuscaloosa	Alabama State Univ Univ of North Alabama Livingston University Univ of Montevallo Univ of South Alabama	Estimated Average of Community Colleges
Alaska	Univ of Alaska, Fairbanks	None	Estimated Average of Community Colleges
Arizona	Univ of Arizona	North Arizona Univ Arizona State Univ	Estimated Average of Community Colleges
Arkansas	Univ of Arkansas, Fayetteville	Arkansas Tech Univ Univ of Central Arkansas Univ of Arkansas, Monticello Arkansas State Univ	Estimated Average of Community Colleges
California	Univ of Calif, Berkeley	Calif Poly State Univ (San Luis Obispo) Calif State College, San Bernardino Sonoma State Univ Calif State Univ, Chico Calif State Univ, Fresno Calif State Univ, Frellerton Calif State Univ, Fullerton Calif State Univ, Northridge Calif State Univ, Long Beach Calif State Univ, Los Angeles Calif State Univ, Sacramento Humboldt State Univ	Estimated Average of Community Colleges



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STATE	UNIVERSITY	COLLEGES & STATE UNIVERSITIES	COMMUNITY COLLEGES
Colorado	Univ of Colorado, Boulder	Adams State College Fort Lewis State Coll Metropolitan State College Univ of No Colorado Western State College of Colorado	Estimated Average of Community Colleges
Connecticut	Univ of Connecticut, Storrs	Central Connecticut State University Southern Connecticut State University Western Connecticut State University	Estimated Average of Community Colleges
Delaware	Univ of Delaware	None	Estimated Average of Community Colleges
Florida	State Univ System Univ of Florida, Gainesville Fl Atlantic Univ Fl International University Univ of North Fl Univ of South Fl Univ of West Fl	None	Estimated Average of Community Colleges
Georgia	Univ of Georgia	Albany State College Armstrong State College Augusta College Columbus College Georgia College Georgia So College Valdosta State College West Georgia College	Estimated Average of Community Colleges
Haweii	Univ of Hawaii, Manoa	None	Estimated Average of Community Colleges



UNIVERSITY	COLLEGES & STATE UNIVERSITIES	COMMUNITY COLLEGES
Univ of Idaho	Idaho State University Boise State University	Estimated Average of Community Colleges
Univ of Illinois, Urbana	Eastern Illinois Univ Illinois State Univ No Illinois University Northeastern Illinois University Western Illincis Univ	Estimated Average of Community Colleges
Indiana University, Bloomington	Ball State University Indiana State University	Estimated Average of Community Colleges
University of Iowa	Univ of Northern Iowa	Estimated Average of Community Colleges
University of Kansas, Lawrence	Fort Hays State Univ Pittsburg State Univ Emporia State Univ Wichita State Univ	Estimated Average of Community Colleges
Univ of Kentucky, Lexington	Eastern Kentucky Univ Morehead State Univ Murray State Univ No Kentucky University Western Kentucky Univ Univ of Louisville Kentucky State Univ	Estimated Average of Community Colleges
Louisiana State Univ, Baton Rouge	Louisiana Tech Univ McNeese State Univ Nicholls State Univ Northeast Louisiana Univ Northwestern State Univ Southeastern Louisiana Univ Grambling State Univ	Estimated Average of Community Colleges
	Univ of Idaho Univ of Illinois, Urbana Indiana University, Bloomington University of Iowa University of Kansas, Lawrence Univ of Kentucky, Lexington Louisiana State Univ,	UNIVERSITYUNIVERSITIESUniv of IdahoIdaho State University Boise State UniversityUniv of Illinois, UrbanaEastern Illinois Univ Illinois State Univ No Illinois University Northeastern Illinois University Western Illincis UnivIndiana University, BloomingtonBall State University Indiana State UniversityUniversity of IowaUniv of Northern IowaUniversity of Kansas, LawrenceFort Hays State Univ Pittsburg State Univ Wichita State Univ Wichita State Univ Wichita State Univ Wichita State Univ Morehead State Univ No Kentucky University Western Kentucky Univ Morehead State Univ No Kentucky State Univ Northeast Louisiana Tech Univ Northwestern State Univ Northwestern State Univ Northwestern State Univ Southeastern Louisiana Univ



STATE	UNIVERSITY	COLLEGES & STATE UNIVERSITIES	COMMUNITY COLLEGES
Maine	Univ of Maine, Orono	Univ of Maine, Machias Univ of Maine, Fort Kent Univ of Maine, Presque Isle	Estimated Average of Community Colleges
Maryland	Univ of Maryland, College Park	Bowie State College Coppin State College Morgan State University St. Mary's College of Maryland Towson State University Frostburg State College	Estimated Average of Community Colleges
Massachusetts	Univ of Massachusetts, Amherst	Fitchburg State College Framingham State College Mass College of Art North Adams State Coll Southeastern Massachusetts University Worcester State College Salem State College	Estimated Average of Community Colleges
Michigan	Univ of Michigan, Ann Arbor	Central Michigan Univ Eastern Michigan Univ Grand Valley State Coll Northern Michigan Univ Oakland University Western Michigan Univ	Estimated Average of Community Colleges
Minnesota	Univ of Minnesota- Twin Cities	State Univ System (Bemidji, Mankato, Moorhead, St. Cloud, Southwest Minnesota, Winona)	Estimated Average of Community Colleges
Mississippi	Univ of Mississippi, Oxford	Alcorn State University Jackson State Univ Mississippi Univ for Women Univ of So Mississippi Mississippi Valley State University	Estimated Average of Community Colleges



STATE	UNIVERSITY	COLLEGES & STATE UNIVERSITIES	COMMUNITY COLLEGES
Missouri	University c1 Missouri, Columbia	Central Missouri State University Missouri So State Coll Missouri Western Coll Northeast Missouri State University Southwest Missouri State College	Estimated Average of Community Colleges
Montana	University of Montana	Eastern Montana College Western Montana College	Estimated Average of Community Colleges
Nebraska	Univ of Nebraska, Lincoln	Kearney State College Wayne State College	Estimated Average of Community Colleges
Nevada	Univ of Nevada, Reno	Univ of Nevada, Las Vegas	Estimated Average of Community Colleges
New Hampshire	Univ of New Hampshire, Durham	Keene State College Plymouth State College	Estimated Average of Community Colleges
New Jersey	Rutgers, New Brunswick	Glassboro State College Jersey City State College Montclair State College NJ Institute of Tech Ramapo College of NJ Stockton State College Trenton State College	Estimated Average of Community Colleges
New Mexico	Univ of New Mexico, Albuquerque	Western New Mexico Univ	Estimated Average of Community Colleges

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STATE	UNIVERSITY	COLLEGES & STATE UNIVERSITIES	COMMUNITY COLLEGES
New York	State Univ of New York, Buffalo	Empire State College SUC - Brockport SUC - Buffalo SUC - Fredonia SUC - Geneseo SUC - Old Westbury SUC - New Paltz SUC - Oswego SUC - Plattsburg SUC - Potsdam	Estimated Average of Community Colleges
North Carolina	Univ of North Carolina, Chapel Hill	Appalachian State Univ East Carolina Univ North Carolina Central University Western Carolina Univ Winston Salem State Univ	Estimated Average of Community Colleges
North Dakota	Univ of North Dakota, Grand Forks	Dickinson State College Mayville State College Minot State College Valley City State College	Estimated Average of Community Colleges
Ohio	Ohio State University, Columbus	Bowling Green State Univ University of Akron University of Toledo Wright State University	Estimated Average of Community Colleges
Oklahoma	Univ of Oklahoma, Norman	Central State University East Central Oklahoma State University Northeastern Oklahoma State University Northwestern Oklahoma State University Southeastern Oklahoma State University Southwestern Oklahoma State University	Estimated Average of Community Colleges

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STATE	UNIVERSITY	COLLEGES & STATE UNIVERSITIES	COMMUNITY COLLEGES
Oregon	Univ of Oregon, Eugene	Eastern Oregon College Southern Oregon College Portland State University Oregon Institute of Tech	Estimated Average of Community Colleges
Pennsylvania	Pennsylvania State Univ, Univ Park	Bloomsburg Univ of PA California Univ of PA Cheyney Univ of PA Clarion Univ of PA East Stroudsburg Univ of PA Edinboro Univ of PA Indiana Univ of PA Kutztown Univ of PA Lock Haven Univ of PA Millersville Univ of PA Slippery Rock Univ of PA	Estimated Average of Community Colleges
Rhode Island	Univ of Rhode Island	Rhode Island College	Estimated Average of Community Colleges
South Carolina	Univ of South Carolinaa	Francis Marion College	Estimated Average of Community Colleges
South Dakota	Univ of South Dakota, Vermillion	Black Hills State College Dakota State College	Estimated Average of Community Colleges
Tennessee	Univ of Tennessee, Knoxville	Austin Peay State Univ East Tennessee State Univ Memphis State Univ Middle Tennessee State Univ Univ of Tennessee, Chattanoog Univ of Tennessee, Martin	Estimated Average of Community Colleges ga



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UNIVERSITY	COLLEGES & STATE UNIVERSITIES	COMMUNITY COLLEGES
Univ of Texas, Austin	Angelo State University East Texas State Univ Midwestern State Univ North Texas State Univ Sam Houston State Univ Southwest Texas State Univ Stephen F. Austin State Univ Texas A & I, Kingsville West Texas State Univ	Estimated Average of Community Colleges
University of Utah	Weber State College	Estimated Average of Community Colleges
University of Vermont	Castleton State College Lyndon State College	Estimated Average of Community Colleges
Univ of Virginia, Charlottesville	George Mason University Longwood College James Madison University Old Dominion University Radford College	Estimated Average of Community Colleges
West Virginia Univ, Morgantown	Bluefield State College Concord College Fairmont State College Marshall University Shepherd College West Liberty State College West Virginia Institute of Technology	Estimated Average of Community Colleges
Univ of Wisconsin, Madison	Univ of Wisconsin, Eau Claire Univ of Wisconsin, Oshkosh Univ of Wisconsin, River Falls Univ of Wisconsin, Stevens Point	Estimated Average of Community Colleges
	Univ of Texas, Austin , University of Utah University of Vermont Univ of Virginia, Charlottesville West Virginia Univ, Morgantown Univ of Wisconsin,	UNIVERSITYUNIVERSITIESUniv of Texas, AustinAngelo State University East Texas State Univ Midwestern State Univ Sam Houston State Univ Southwest Texas State Univ Southwest Texas State Univ Texas A & I, Kingsville West Texas State Univ University of UtahUniversity of UtahWeber State CollegeUniversity of VermontCastleton State College Lyndon State CollegeUniv of Virginia, CharlottesvilleGeorge Mason University Longwood College James Madison University Radford CollegeWest Virginia Univ, MorgantownBluefield State College Lames Madison University Shepherd College West Virginia Insinte of TechnologyUniv of Wisconsin, MadisonUniv of Wisconsin, Eau Claire Univ of Wisconsin, River Falls Univ Of Wisconsin, River

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STATE	UNIVERSITY	COLLEGES & STATE UNIVERSITIES	COMMUNITY COLLEGES
Wyoming	Univ of Wyoming	None	Estimated Average of Community Colleges

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