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ABSTRACT

The primary purpose of this report on the economic status of the teaching profession is to assist state and local education associations in their efforts to improve the compensation of teachers at all levels--elementary, secondary, and higher education. This compendium of currently available data provides a single source of technical information for assessing and comparing the economic position of teachers with that of professionals in other fields. It also contains information for comparing the present and past salaries of teachers with the wages paid to workers in industry and other occupations. The report, through 101 tables and a minimum of text, provides information on such topics as salaries of the instructional staff, earnings in comparable occupations, and trends in income and family budgets. Trend data are included wherever possible. For reference, a section is included to show trends in some of the most significant national economic indicators. (Author/JA)

RESEARCH REPORT 1973-R3

Economic Status of the Teaching Profession, 1972-73

NATIONAL EDUCATION ASSOCIATION - RESEARCH

ECONOMIC STATUS OF THE TEACHING PROFESSION, 1972-73
Research Report 1973-R3

Gertrude N. Stieber, Project Director

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FOREWORD

The primary purpose of this report on the economic status of the teaching profession is to assist state and local education associations in their efforts to improve the compensation of teachers at all levels—elementary, secondary and higher education. This compendium of currently available data provides a single source of technical information for assessing and comparing the economic position of teachers with that of professionals in other fields. It also contains information for comparing the present and past salaries of teachers with the wages paid to workers in industry and other occupations.

The report, consisting of 101 tables and a minimum of text, is designed as a handbook covering the latest available information on salaries of the instructional staff, earnings in comparable occupations, and information on trends in income and family budgets. Trend data are included wherever possible.

Since the condition of our national economy has a direct bearing on the economic status of the teaching profession, a section is included to show trends in some of the most signific. .t national economic indicators.

The tables and text were prepared by Gertrude N. Stieber.

Glen Robinson
Director, Research

HIGHLIGHTS

- The unemployment rate for the total civilian labor force was 5.5 percent in 1960 and 5.6 percent in 1972. For professional and managerial workers, the rate was 1.7 percent in 1960 and 2.4 percent in 1972. The highest rate of unemployment in 1972 was 10.7 percent for nonfarm blue-collar workers.

- The Consumer Price Index increased 41.3 percent from 1960 to 1972, rising from 88.7 to 125.3; average salaries paid instructional staff rose from $5,449 in 1960-61 to $10,643 in 1972-73, or 95.3 percent.

- For a moderate standard of living for a family of four living in urban areas in the fall of 1971, it was estimated that the annual cost would be $10,971. The average salary paid public-school teachers in 1971-72 was $9,705, which is 88.5 percent of the requirements for a moderate standard of living.

- State and sectional differences in salaries for the teaching profession are marked. The average salary of all teachers in 1972-73 is approximately $10,114; in the Southeast, for example, the average is $8,534 but in the Mideast the average is $11,577.

- The mean beginning salary for teachers with a bachelor's degree is $7,357 in school systems with enrollments of 6,000 or more. This is an increase of 4.2 percent over the average of $7,061 in 1971-72.

- Average earnings of federal civilian employees in 1971 were $11,503 compared with average earnings of $9,414 for teachers (calendar year basis). Earnings of federal employees were 22.2 percent higher than those of teachers, on the average.

- The median earnings of women professional or technical workers in 1971 were $8,312. This is 33.6 percent below the median of $12,518 paid to men workers.

- Beginning salaries of federal civilian employees increased 53.5 percent on the average between 1965 and 1973. In the same period, beginning salaries of teachers increased 49.4 percent.

- In 1972 the average *minimum* salary for firemen in cities with a population of 100,000 or more was $9,026; that of policemen, $9,454. These compare with an average beginning salary of only $7,389 for teachers in the same cities.

I. SIGNIFICANT ECONOMIC INDICATORS

THE CONDITION of our national economy has a direct bearing on the economic status of the teaching profession as it does on all other employee groups.

For the past several years our national economy has been experiencing serious inflation which has greatly affected the cost and price structure. The rate of inflation slowed somewhat during 1972; the annual increase in the Consumer Price Index in 1972 was 3.3 percent above 1971 compared with an annual increase of 4.3 percent in 1971 over the previous year. While the over-all unemployment rate was 5.6 percent for 1972, the average hourly rate of all nonagricultural workers increased 7.0 percent in 1972. Government economists are predicting at this time that the annual rate of inflation in 1973 will be between 2.5 percent and 3.0 percent or perhaps a little higher. During the first half of 1973 the rate of inflation is expected to be much higher than in the second half.

National Income and Product

The national income and product accounts, compiled by the Bureau of Economic Analysis of the U.S. Department of Commerce, summarize both receipts and final expenditures for the personal, business, foreign, and government sectors of the economy and provide useful measures of total economic activity. The total of the final expenditures (including additions to business inventories), which equals the total of the receipts (mainly incomes) is known as gross national product (GNP). GNP is defined as the total market value of the final output of goods and services produced by the nation's economy. It is the most comprehensive single measure of aggregate national economic output.

GNP consists of four major parts: (a) personal consumption expenditures, (b) gross private domestic investment, (c) net exports of goods and services, and (d) government purchases of goods and services.

Personal consumption expenditures is the market value of goods and services purchased by individuals and nonprofit institutions and the value of food, clothing, housing, and financial services received by them as income.

Gross private domestic investment combines gross fixed investment and net changes in business inventories. Fixed investment consists of producers' durable equipment and private structures, including owner-occupied residential units. These are gross estimates inasmuch as no deduction is made for capital consumption.

Net exports of goods and services measures the excess of exports over imports of goods and services. Exports include both domestic output sold abroad and the contribution to production abroad made by U.S.-owned resources.

Government purchases of goods and services includes general government expenditures for compensation of employees, net purchases from business and from abroad, payments to private nonprofit institutions for research and development, and the gross fixed investment of government enterprises. Current outlays of government enterprises, subsidies, loans, and interest payments to domestic creditors are excluded.

Table 1 shows the GNP by major accounts for selected years from 1950 through 1972, in current dollars and as a ratio to 1962. The implicit price deflators for the total GNP (computed by dividing the current-dollar GNP by the constant-dollar-data—1958 prices) are shown in Table 2. This deflator series is becoming more widely accepted as a measure of price changes.

National income is the total earnings arising from the current production of goods and services and accruing to the labor and property employed in production. The components of national income are compensation of employees, proprietors' income, rental income of persons, corporate profits and inventory, valuation adjustments, and net interest.

Personal income measures the current income of individuals, owners of unincorporated businesses, nonprofit institutions, private trust funds, and private health and welfare funds. It consists of wage and salary disbursements, other labor income, proprietors' income, rental income, dividends, personal interest incomes, and transfer payments to persons, less personal con-

tributions for social insurance. *Disposable personal income* is the personal income available for spending minus personal taxes and other nontax payments to general government, federal, state, or local.

Table 3 shows selected national income items yearly since 1950, including compensation to employees in wages and salaries and employer contributions for social insurance, private pensions, and the like.

Table 4 gives information on per-capita disposable personal income and per-capita personal consumption expenditures for the 21-year period, 1950 to 1972.

Table 5 shows average gross income of all persons filing income tax returns in 1965, 1966, 1967, 1969, by state. It also shows the average income from salaries and wages and the ratio of income from wages and salaries to total income. Data for 1970 were not available.

Output, Employment, and Unemployment

Table 6 compares economic and manpower developments for the years 1967 through 1972.

Between 1971 and 1972 the rate of civilian unemployment decreased 5.1 percent, falling from 5.9 to 5.6 percent. Average weekly earnings of the nonfarm production workers increased 7.0 percent between 1971 and 1972, but the Consumer Price Index rose 3.3 percent during the year.

Table 7 shows indexes of output per man hour (on a 1967 base) for the private sector of the economy for selected years from 1950 to 1972.

Table 8 shows unemployment rates for all workers and for selected groups for 1961 to 1972.

Table 9 shows annual rates of unemployment for the total civilian labor force classified by sex for the years 1948 through 1972.

Consumer Prices

The Consumer Price Index (CPI) of the Bureau of Labor Statistics is the best known indicator of the movement of prices. This index is often called the cost-of-living index, but its official name is *Consumer Price Index for Urban Wage Earners and Clerical Workers.*

The Consumer Price Index dates from 1913. Since that time several changes have been made in the index. However, despite the changes and improvements in statistical procedures, and changes in the reference base period, the present CPI continues to be what it has always been—a measure of price change, (and of price change only), in items purchased by urban wage and clerical workers for their own consumption. The present CPI is based on average of price changes in 56 metropolitan areas selected to represent all U.S. urban places having populations of more than 2,500.

Major orientation of the index has been toward its use in collective bargaining and as a yardstick for measuring changes in real income of workers. Expenditures by a cross section of wage-earner and clerical consumers living in a representative section of urban places provide the basis both for the selection of items to be priced for the CPI and for its weighting structure. Weighting of the items included in the index is a difficult undertaking since value judgments on the importance of various items to be priced need to be made and revised from time to time.

Salaried professional and administrative personnel are excluded from the index, and since this group accounts for almost half the labor force, this is a serious weakness of the CPI. This problem has been under consideration by the Bureau of Labor Statistics and a complete revision of the index is currently being undertaken. The expected release date is about 1976, but advance use will be made of the new index by 1974 within government agencies.

From May 1960 the base period for the CPI was an average of 1957-59 prices. Beginning with 1971 the index has been based on 1967 prices. The 1967 base was chosen mainly because the major economic censuses were taken in that year. The single-year base period, as compared with previous base periods which were averages of three to five years was also adopted for ease in compilation and use, and also in accord with international practices.

The shift to a new base period does not alter the year-to-year or month-to-month percentage changes; it merely changes the year from which comparisons are expressed.

Table 10 gives monthly CPI information for 1951 through 1972, on a 1967 base.

Salaries of teachers and many of the other professional staff members of public school systems usually are shown on a school-year basis; therefore, price indexes used in evaluating teacher' salaries also should be on a school-year basis. This can be done readily by adding the monthly indexes for September through August and dividing by 12. Table 11 gives the CPI by years in current dollars and in 1971

prices for the years 1929 through 1972 in calendar years. Table 12 shows the same information for school years.

Table 13 gives the CPI for certain of its component items with 1967 as the base of reference.

Table 14 contains annual CPI data for all items for 20 major cities or metropolitan areas for selected years between 1950 and 1972.

Family Budgets and Expenditures

The pricing of a family or individual budget presupposes an agreement on quality and quantity of each of the goods and services required to maintain a given level of living. The selection of commodities and services, their quality, and their amount will vary with the level of standard of living, whether it is subsistence, maintenance, or luxury. Pricing typical budgets for any such group is a difficult task and not lightly undertaken. This, no doubt, has been the main reason for the lack of data in this area.

Standard budgets are useful for a variety of reasons: (a) to aid in family financial planning; (b) to measure differences in levels of living from year to year, from place to place, or among different population groups; (c) for use by public and private welfare agencies in planning payments to families or determining their ability to pay for services; (d) for use in examining minimum-wage laws; and (e) to evaluate adequacy of benefits under social security programs.

Budget research has also been difficult because living standards refer to the goals people set for themselves as consumers of goods and services and as users of leisure time. However, there is no single set of goals adopted by all families and no one level or pattern of consumption which provides an appropriate base for the evaluation of need in a variety of social programs. These things make it more difficult to develop objective procedures for deriving a list of goods and services which describe a standard budget.

The Bureau of Labor Statistics was directed by a Congressional Committee in the mid-1940's to find out what it costs for a worker's family to live in the large cities of the United States. To carry out this directive, a City Worker's Family Budget for a "modest but adequate" living standard for 34 large cities was made in March 1946. A revision was made in 1959 which covered living costs in 20 large cities.

Since then, budgets have been issued for the fall of 1966, and for the spring of 1967, 1969, 1970, and for fall of 1971. While the CPI is being revised, the Bureau of Labor Statistics is updating the budget data by applying increases in the CPI to the budget data gathered for the fall of 1969. These are divided into costs for a lower, moderate, and higher standard of living for a family of four—an employed husband, aged 38, a wife not employed outside the home, an 8-year old girl, and a 13-year old boy.

After about 15 years of married life, the family is assumed to be well established, and the husband is an experienced worker. The budgets are illustrative of three different levels of living and reflect the costs of different specified types and amounts of goods and services. For each budget level, the family has average inventories of clothing, house furnishings, major durables, and other equipment. Even at the lowest level, the estimates do not represent the cost of a minimum or subsistence level of living.

Table 15 gives the estimated annual costs of the three budgets for urban United States and for metropolitan and nonmetropolitan areas for the spring of 1967, 1969, 1970, and fall of 1971. Table 16 itemizes the major elements of each budget level based on the budget for the fall of 1971.

Table 17 shows intercity comparisons of a city worker's family budget for a moderate standard of living for selected periods between the fall of 1966 and the fall of 1971.

Table 18 compares the total budget for a moderate standard of living for four specified dates with average salaries paid teachers for corresponding school years.

Table 19 shows a cost-of-living index for selected cities for the fourth quarters of 1968 through 1972, which was prepared by the American Chamber of Commerce Researchers Association.

TABLE 1.–GROSS NATIONAL PRODUCT, SELECTED YEARS, 1950 TO 1972

Year	Total gross national product	Personal consumption expenditures[a]	Gross private domestic investment[b]	Net exports of goods and service	Government purchases of goods and services[c]			
					Total	Federal		State and local
						Total	National defense	Other
1	2	3	4	5	6	7	8	9	10
				IN BILLIONS OF DOLLARS					
1950	$ 284.8	$191.0	$ 54.1	$1.8	$ 37.9	$18.4	$14.1	$ 4.3	$19.5
1952	345.5	216.7	51.9	2.2	74.7	51.8	45.9	5.9	22.9
1954	364.8	236.5	51.7	1.8	74.8	47.4	41.2	6.2	27.4
1956	419.2	266.7	70.0	4.0	78.6	45.6	40.3	5.3	33.0
1958	447.3	290.1	60.9	2.2	94.2	53.6	45.9	7.7	40.6
1960	503.7	325.2	74.8	4.0	99.6	53.5	44.9	8.6	46.1
1961	520.1	335.2	71.7	5.6	107.6	57.4	47.8	9.6	50.2
1962	560.3	355.1	83.0	5.1	117.1	63.4	51.6	11.8	53.7
1963	590.5	375.0	87 1	5.9	122.5	64.2	50.8	13.5	58.2
1964	632.4	401.2	94.0	8.5	128.7	65.2	50.0	15.2	63.5
1965	684.9	432.8	108.1	6.9	137.0	66.9	50.1	16.8	70.1
1966	749.9	466.3	121.4	5.3	156.8	77.8	60.7	17.1	79.0
1967	793.9	492.1	116.6	5.2	180.1	90.7	72.4	18.4	89.4
1968	864.2	536.2	126.0	2.5	99.6	98.8	78.3	20.5	100.8
1969	930.3	579.5	139.0	1.9	210.0	98.8	78.4	20.4	111.2
1970	976.4	616.8	137.1	3.6	219.0	96.5	75.1	21.5	122.5
1971	1,050.4	664.9	152.0	0.7	232.8	97.8	71.4	26.3	135.0
1972[d]	1,152.1	721.1	180.2	−4.1	254.9	105.9	76.2	29.7	148.9
				INDEX: 1962 = 100.0					
1950	50.8	53.8	65.2	35.3	32.4	29.0	27.3	36.4	36.3
1952	61.7	61.0	62.5	43.1	63.8	81.7	89.0	50.0	42.6
1954	65.1	66.6	62.3	35.3	63.9	74.8	79.8	52.5	51.0
1956	74.8	75.1	84.3	78.4	67.1	71.9	78.1	44.9	61.5
1958	79.8	81.7	73.4	43.1	80.4	84.5	89.0	65.3	75.6
1960	89.9	91.6	90.1	78.4	85.1	84.4	87.0	72.9	85.8
1961	92.8	94.4	86.4	109.8	91.9	90.5	92.6	81.4	93.5
1962	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1963	105.4	105.6	104.9	115.7	104.6	101.3	98.4	114.4	108.4
1964	112.9	113.0	113.3	166.7	109.9	102.8	96.9	128.8	118.2
1965	122.2	121.9	130.2	135.3	117.0	105.5	97.1	142.4	130.5
1966	138.8	131.3	146.3	103.9	133.9	122.7	117.6	144.9	147.1
1967	141.7	138.6	140.5	102.0	153.8	143.1	140.3	155.9	166.5
1968	154.2	151.0	151.8	49.0	170.5	155.8	151.7	173.7	187.7
1969	166.0	163.2	167.5	37.3	179.3	155.8	151.9	172.9	207.1
1970	174.3	173.7	165.2	70.6	187.0	152.2	145.5	182.2	228.1
1971	187.5	187.2	183.1	13.7	198.8	154.3	138.4	222.9	251.4
1972[d]	205.6	203.1	217.1	−80.4	217.7	167.0	147.7	251.7	277.3

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, as quoted in *Economic Report of the President*. Washington, D.C.: Government Printing Office, January 1973. p. 193.

[a]Includes durable and nondurable goods and services (including housing).

[b]Includes residential and nonresidential structures and producers' durable equipment.

[c]Net of government sales.

[d]Preliminary data.

Note: Indexes computed by NEA Research.

TABLE 2.—IMPLICIT PRICE DEFLATORS FOR GROSS NATIONAL PRODUCT, SELECTED YEARS 1950 TO 1972 (1958 = 100.0)

Item	1950	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972[a]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Gross national product	80.2	103.3	104.6	105.8	107.2	108.9	110.9	113.9	117.6	122.3	128.2	135.2	141.6	145.9
Personal consumption expenditures														
Total	82.9	102.9	103.9	104.9	106.1	107.4	108.8	111.5	114.4	118.4	123.5	129.3	134.2	137.4
Durable goods	87.8	100.9	100.6	100.8	100.4	100.4	99.6	98.7	100.3	103.4	106.1	108.9	112.4	112.8
Nondurable goods	86.0	101.2	101.9	102.8	104.0	104.9	106.9	110.7	113.0	117.1	122.2	127.7	131.7	135.8
Services	76.3	105.8	107.6	109.0	110.9	113.1	115.1	118.3	122.2	126.9	133.2	140.1	147.4	151.7
Gross private domestic investment														
Fixed investment														
Total	77.5	103.4	103.9	104.9	106.0	107.6	109.3	111.8	115.9	120.4	126.4	132.2	140.0	146.2
Nonresidential														
Total	74.4	102.9	103.4	104.1	104.5	105.7	107.5	110.2	113.8	117.5	123.0	130.0	137.7	142.9
Structures	72.9	104.0	105.6	107.1	108.9	111.1	114.7	118.9	124.0	129.8	141.0	152.7	168.4	184.1
Producers' durable equipment	75.2	102.2	102.1	102.3	102.3	103.0	103.9	106.0	109.3	112.0	115.2	120.1	124.7	127.5
Residential structures	82.5	104.5	105.0	106.7	108.9	112.3	114.2	117.4	123.1	129.7	137.7	140.0	146.3	154.0
Exports and imports of goods and services														
Exports	84.9	99.9	101.9	100.8	100.6	101.5	104.7	107.7	109.7	110.9	114.6	120.5	125.8	129.6
Imports	88.7	101.0	100.1	98.5	99.5	101.5	103.4	105.6	106.5	107.7	111.1	118.6	124.5	132.6
Government purchases of goods and services														
Total	71.8	105.0	107.1	109.0	111.8	115.7	119.4	124.0	128.5	135.1	144.0	157.6	169.1	178.3
Federal	72.9	104.2	105.2	105.6	108.0	112.2	115.5	118.8	121.5	126.5	134.5	149.2	160.8	171.9
State and local	70.8	105.9	109.4	113.2	116.3	119.5	123.5	129.4	136.4	144.8	153.6	165.0	175.7	183.1
Gross national product by sectors														
Private[b]	81.4	102.8	103.7	104.7	105.8	107.1	108.8	111.6	114.8	118.9	124.3	130.3	135.9	139.5
General government	67.1	108.6	113.6	116.6	121.5	128.4	133.5	140.3	147.6	159.1	171.0	188.8	205.7	221.7

SOURCE: U.S. Department of Commerce, Office of Business Economics, as quoted in *Economic Report of the President.* Washington, D.C.: Government Printing Office, January 1973. p. 197.

[a]Preliminary estimates.

[b]Gross national product less compensation of general government employees.

Note: Data for Alaska and Hawaii included, beginning 1960.

TABLE 3.–NATIONAL INCOME BY TYPES OF INCOME, 1950 TO 1972 (Billions of dollars)

Year	Total national income[a]	Compensation of employees			Business and professional income–total	Income of farm proprietors	Rental income of persons	Corporate profits–total[c]	Net interest
		Total	Wages and salaries	Supplements to wages and salaries[b]					
1	2	3	4	5	6	7	8	9	10
1950	$241.1	$154.6	$146.8	$ 7.8	$24.0	$13.5	$ 9.4	$37.7	$ 2.0
1951	278.0	180.7	171.1	9.6	26.1	15.8	10.3	42.7	2.3
1952	291.4	195.3	185.1	10.2	27.1	15.0	11.5	39.9	2.6
1953	304.7	209.1	198.3	10.9	27.5	13.0	12.7	39.6	2.8
1954	303.1	208.0	196.5	11.5	27.6	12.4	13.6	38.0	3.6
1955	331.0	224.5	211.3	13.2	30.3	11.4	13.9	46.9	4.1
1956	350.8	243.1	227.8	15.2	31.3	11.4	14.3	46.1	4.6
1957	366.1	256.0	238.7	17.3	32.8	11.3	14.8	45.6	5.6
1958	367.8	257.8	239.9	17.9	33.2	13.4	15.4	41.1	6.8
1959	400.0	279.1	258.2	20.9	35.1	11.4	15.6	51.7	7.1
1960	414.5	294.2	270.8	23.4	34.2	12.0	15.8	49.9	8.4
1961	427.3	302.6	278.1	24.6	35.6	12.8	16.0	50.3	10.0
1962	457.7	323.6	296.1	27.5	37.1	13.0	16.7	55.7	11.6
1963	481.9	341.0	311.1	29.9	37.9	13.1	17.1	58.9	13.8
1964	518.1	365.7	333.7	32.0	40.2	12.1	18.0	66.3	15.8
1965	564.3	393.8	358.9	35.0	42.4	14.8	19.0	76.1	18.2
1966	620.6	435.5	394.5	41.0	45.2	16.1	20.0	82.4	21.4
1967	653.6	467.2	423.1	44.2	47.3	14.8	21.1	78.7	24.4
1968	711.1	514.6	464.9	49.7	49.5	14.7	21.2	84.3	26.9
1969	766.0	566.0	509.7	56.3	50.5	16.7	22.6	79.8	30.5
1970	798.6	603.8	541.9	61.9	49.9	16.9	23.3	69.9	34.8
1971	855.7	644.1	573.5	70.7	52.6	17.3	24.5	78.6	38.5
1972[d]	934.9	705.2	626.4	78.7	55.6	19.6	25.6	87.7	41.3

SOURCE: U.S. Department of Commerce, Office of Business Economics, as quoted in *Economic Report of the President*. Washington, D.C.: Government Printing Office, January 1973. p. 210.

[a]National income is the total net income earned in production. It differs from gross national product mainly in that it excludes depreciation charges and other allowances for business and institutional consumption of durable capital goods, and indirect business taxes.

[b]Employer contributions for social insurance and to private pension, health, and welfare funds; compensation for injuries; directors' fees; pay of the military reserve, and a few other relatively minor items.

[c]Includes inventory valuation adjustment.

[d]Preliminary data.

TABLE 4.—PER-CAPITA DISPOSABLE PERSONAL INCOME AND PERSONAL CONSUMPTION EXPENDITURES, 1950 TO 1972 (In current dollars and in 1958 prices)

Year	Per-capita disposable income		Per-capita personal consumption expenditures	
	Current prices	1958 prices	Current prices	1958 prices
1	2	3	4	5
1950	$1,364	$1,646	$1,259	$1,520
1951	1,469	1,657	1,337	1,509
1952	1,518	1,678	1,38[illegible]	1,525
1953	1,583	1,726	1,44[illegible]	1,572
1954	1,585	1,714	1,456	1,575
1955	1,666	1,795	1,539	1,659
1956	1,743	1,839	1,585	1,673
1957	1,801	1,844	1,643	1,683
1958	1,831	1,831	1,666	1,666
1959	1,905	1,881	1,758	1,735
1960	1,937	1,8[illegible]3	1,800	1,749
1961	1,984	1,909	1,825	1,756
1962	2,065	1,969	1,903	1,814
1963	[illegible],138	2,015	1,981	1,867
1964	2,283	2,126	2,091	[illegible],948
1965	2,43[illegible]	2,239	2,228	2,047
1966	2,604	2,335	2,372	2,127
1967	2,749	2,403	2,476	2,164
1968	2,945	2,486	2,671	2,256
1969	3,130	2,534	2,859	2,315
1970	3,366	2,603	3,010	2,328
1971	3,595	2,679	3,211	2,393
1972[a]	3,807	2,771	3,453	2,513

SOURCE: U.S. Department of Commerce, Office of Business Economics, as quoted in *Economic Report of the President.* Washington, D.C.: Government Printing Office, January 1973. p. 213.

[a]Preliminary data.

TABLE 5.—AVERAGE GROSS INCOME[a] AND INCOME FROM WAGES AND SALARIES, BY STATE, 1966 TO 1970

State	Average gross income[a]				Percent increase, 1970 over 1969	Average gross income from wages and salaries				Ratio of average income from wages and salaries to total gross income			
	1966	1967	1969	1970		1966	1967	1969	1970	1966	1967	1969	1970
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States, total	$6,678	$7,518	$ 7,958	$ 8,504	6.9	$6,110	$6,838	$7,352	$ 7,943	91.5	91.0	92.4	93.4
Alabama	5,769	6,324	6,872	7,248	5.5	5,475	5,984	6,500	6,911	94.9	94.6	94.6	95.4
Alaska	8,539	8,826	10,288	10,549	2.5	7,806	8,721	9,539	10,155	91.4	98.8	92.7	96.3
Arizona	6,243	6,964	7,608	8,310	9.2	5,745	6,305	6,931	7,715	92.0	90.5	91.1	92.8
Arkansas	5,128	5,844	5,905	6,711	13.6	4,637	5,426	5,429	6,401	90.4	92.8	91.9	95.4
California	7,395	8,272	8,574	9,113	6.3	6,852	7,536	8,018	8,629	92.7	91.1	93.5	94.7
Colorado	6,440	7,174	7,538	8,233	9.2	5,827	6,471	7,010	7,679	90.5	90.2	93.0	93.3
Connecticut	8,056	8,704	9,481	9,980	5.3	7,113	7,423	8,432	9,082	88.3	85.3	88.9	91.0
Delaware	7,720	8,295	8,542	9,598	12.4	6,704	7,261	7,399	8,683	86.8	87.5	86.6	90.5
District of Columbia	6,798	6,735	7,914	7,703	−2.7	6,031	5,950	6,988	6,644	88.7	88.3	88.3	86.3
Florida	6,018	6,881	7,411	8,101	9.3	5,508	6,225	6,761	7,431	91.5	90.5	91.2	91.7
Georgia	5,719	6,695	7,384	7,655	3.7	5,295	6,179	6,768	7,148	92.6	92.3	91.7	93.4
Hawaii	7,117	7,719	8,293	9,267	11.7	6,326	6,902	7,496	8,406	88.9	89.4	90.4	90.7
Idaho	5,788	6,161	6,633	6,745	1.7	5,203	5,604	6,057	6,338	89.9	91.0	91.3	94.0
Illinois	7,314	8,159	8,729	9,340	7.0	6,676	7,440	8,134	8,747	91.3	91.2	93.2	93.7
Indiana	6,739	7,616	7,983	8,340	4.5	6,233	7,070	7,402	7,881	92.5	92.8	92.7	95.0
Iowa	6,062	6,641	6,998	7,657	9.4	5,334	5,998	6,226	7,136	88.0	90.3	89.0	93.2
Kansas	6,154	6,881	7,147	7,868	10.1	5,598	6,237	6,611	7,227	91.0	90.6	92.5	91.9
Kentucky	5,698	6,239	6,896	7,308	6.0	5,353	5,750	6,409	6,954	93.9	92.2	92.9	95.2
Louisiana	6,185	6,882	7,165	7,413	3.5	5,595	6,255	6,667	6,914	90.5	90.9	93.0	93.3
Maine	5,392	6,064	6,771	7,035	3.9	4,809	5,361	6,144	6,460	89.2	88.4	90.7	91.8
Maryland	6,759	8,096	8,534	9,638	12.9	6,300	7,479	7,868	9,059	93.2	92.4	92.2	94.0
Massachusetts	6,630	7,728	8,203	8,676	5.8	5,944	6,892	7,386	7,905	89.7	89.2	90.0	91.1
Michigan	7,538	8,322	8,884	9,278	4.4	6,947	7,655	8,303	8,686	92.2	92.0	93.5	93.6
Minnesota	6,125	6,963	7,509	8,041	7.1	5,774	6,453	7,050	7,601	94.3	92.7	93.9	94.5
Mississippi	5,194	5,874	6,073	6,718	10.6	4,744	5,384	5,775	6,276	91.3	91.7	95.1	93.4
Missouri	6,383	7,078	7,548	8,118	7.6	5,944	6,514	7,096	7,734	93.1	92.0	94.0	95.3
Montana	5,689	5,799	6,848	7,086	3.5	4,973	5,259	6,165	6,501	87.4	90.7	90.0	91.7
Nebraska	5,849	6,154	6,995	7,297	4.3	5,129	5,627	6,257	6,649	87.7	91.4	89.5	91.1
Nevada	7,347	8,363	8,994	9,270	3.1	6,754	7,587	8,117	8,915	91.9	90.7	90.2	96.2
New Hampshire	6,098	6,859	6,824	7,904	15.8	5,447	6,278	6,200	7,405	89.3	91.5	90.9	93.7
New Jersey	7,406	8,384	8,955	9,550	6.6	6,821	7,608	8,273	8,877	92.1	90.7	92.4	93.0
New Mexico	5,544	6,385	6,497	7,125	9.7	5,366	5,995	6,202	6,782	96.8	93.9	95.5	95.2
New York	7,475	8,637	8,955	9,470	5.8	6,525	7,464	8,013	8,616	87.3	86.4	89.5	91.0
North Carolina	5,471	6,201	6,729	7,185	6.8	5,055	5,770	6,239	6,695	92.4	93.0	92.7	93.2
North Dakota	5,094	5,536	6,079	6,236	2.6	4,368	4,687	5,410	5,547	85.7	84.7	89.0	89.0
Ohio	7,003	7,815	8,191	8,744	6.8	6,466	7,232	7,649	8,244	92.3	92.5	93.4	94.3
Oklahoma	5,734	6,425	6,941	7,508	8.2	5,330	5,873	6,497	7,133	93.0	91.4	93.6	95.0
Oregon	6,601	7,159	7,695	8,060	4.7	6,006	6,443	7,182	7,439	91.0	90.0	93.3	92.3
Pennsylvania	6,555	7,337	7,745	8,526	10.1	6,038	6,710	7,151	7,938	92.1	91.5	92.3	93.1
Rhode Island	6,426	7,097	7,276	7,925	8.9	5,784	6,481	6,630	7,372	90.0	91.3	91.1	93.0
South Carolina	5,369	6,005	6,302	6,826	8.3	5,013	5,609	5,944	6,387	93.4	93.4	94.3	93.6
South Dakota	4,763	5,555	5,813	6,185	6.4	4,370	4,779	5,351	5,786	91.7	86.0	92.1	93.5
Tennessee	5,674	6,422	6,771	7,460	10.2	5,223	5,946	6,330	7,094	92.1	92.6	93.5	95.1
Texas	6,026	6,939	7,301	8,000	9.6	5,474	6,294	6,743	7,415	90.8	90.7	92.4	92.7
Utah	6,112	6,872	7,272	7,528	3.5	5,735	6,379	6,875	7,092	93.8	92.8	94.5	94.2
Vermont	5,068	6,476	6,913	7,771	12.4	4,487	5,734	6,372	7,074	88.5	88.5	92.2	91.0
Virginia	6,346	7,213	7,793	8,455	8.5	5,906	6,739	7,326	7,940	93.1	93.4	94.0	93.9
Washington	7,070	7,954	8,271	8,628	4.3	6,499	7,278	7,632	8,213	91.9	91.5	92.3	95.2
West Virginia	5,708	6,237	6,835	7,565	10.7	5,355	5,869	6,213	7,074	93.8	94.1	90.9	93.5
Wisconsin	6,463	7,160	7,613	8,095	6.3	6,065	6,632	7,177	7,749	93.8	92.6	94.3	95.7
Wyoming	5,909	6,413	7,054	7,575	7.4	5,299	5,628	6,289	6,778	89.7	87.8	89.2	89.5

SOURCE: U.S. Department of the Treasury, Internal Revenue Service, Statistics of Income, 1966, 1967, 1969, and 1970, *Individual Income Tax Returns.*

[a]Average gross income per income tax return; includes taxable and nontaxable returns. Averages computed by NEA Research from Internal Revenue Service data.

TABLE 6.–ECONOMIC AND MANPOWER DEVELOPMENTS, 1965 TO 1972

Item	1965	1966	1967	1968	1969	1970	1971	1972[a]	Percent increase, 1972 over 1971
1	2	3	4	5	6	7	8	9	10
GNP in current dollars (billions)	$684.9	$749.9	$793.9	$864.2	$930.3	$976.4	$1,050.4	$1,152.1	9.7
GNP in 1958 dollars (billions)	617.8	658.1	675.2	706.6	725.6	722.1	741.7	789.7	6.5
Total civilian employment (thousands)	71,088	72,895	74,372	75,920	77,902	78,627	79,120	81,702	3.3
Nonfarm civilian employment (thousands)	66,726	68,915	70,527	72,103	74,296	75,165	75,732	78,230	3.3
Unemployment (thousands)	3,366	2,875	2,975	2,817	2,832	4,088	4,993	4,840	−3.1
Unemployment rate–civilian labor force (percent)	4.5	3.8	3.8	3.6	3.5	4.9	5.9	5.6	−5.1
Average weekly earnings (private nonfarm production workers) in current dollars	$95.06	$98.82	$101.84	$107.73	$114.61	$119.46	$126.91	$135.78	7.0
Consumer Price Index (1967 = 100.0)	94.5	97.2	100.0	104.2	109.8	116.3	121.3	125.3	3.3
Average weekly earnings in 1967 dollars	$100.59	$101.67	$101.84	$103.39	$104.38	$102.72	$104.62	$108.36	3.6

SOURCE: *Economic Report of the President*, Washington, D.C.: Government Printing Office, January 1973.

[a]Preliminary data.

TABLE 7.–INDEXES OF OUTPUT PER MAN-HOUR AND RELATED DATA, PRIVATE ECONOMY, SELECTED YEARS, 1950 TO 1972 (1967 = 100.0)

Year	Total output[a]	Man-hours[b]	Total–private economy: Output per man-hour	Compensation per man-hour[c]	Unit labor cost	Implicit price deflator[d]
1	2	3	4	5	6	7
1950	52.5	87.9	59.7	42.8	71.7	70.9
1952	57.2	91.2	62.7	49.8	79.4	77.5
1954	59.3	88.6	66.9	54.5	81.5	79.1
1956	65.6	93.7	70.0	59.5	85.0	82.3
1958	65.6	88.4	74.3	66.0	88.9	87.1
1960	71.9	92.0	78.2	71.7	91.8	89.5
1961	73.2	90.6	80.9	74.4	92.1	90.4
1962	78.2	92.4	84.7	77.7	91.8	91.2
1963	81.5	92.9	87.7	80.8	92.1	92.2
1964	86.2	94.5	91.1	84.9	93.1	93.2
1965	91.8	97.4	94.2	88.4	93.8	94.8
1966	97.7	99.7	98.0	94.5	96.5	97.2
1967	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.8	101.8	102.9	107.6	104.6	103.6
1969	107.7	104.2	103.3	115.8	112.1	108.3
1970	107.1	102.6	104.3	124.6	119.4	113.5
1971	110.3	102.0	108.1	133.4	123.4	118.4
1972[e]	118.0	104.7	112.7	141.7	125.7	121.5

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, as quoted in *Economic Report of the President*. Washington. D.C.: Government Printing Office, January 1973. p. 230.

[a]Output refers to gross national product in 1958 prices.

[b]Hours of all persons in private industry engaged in production. Estimates based largely on establishment data.

[c]Wages and salaries of employees plus employers' contribution for social insurance and private benefit plans. Also includes estimates for self-employed.

[d]Current dollar gross product divided by constant dollar product.

[e]Preliminary data.

TABLE 8.–UNEMPLOYMENT RATES, BY OCCUPATION, 1960 TO 1972[a]

Year	White-collar workers				Blue-collar workers					Total civilian labor force
	Total	Professional and managerial	Clerical workers	Sales workers	Total	Craftsmen and foremen	Operators	Nonfarm laborers	Service workers	
1	2	3	4	5	6	7	8	9	10	11
1960	NA	1.7	3.8	3.7	NA	5.3	8.0	12.5	6.0	5.5
1961	NA	2.0	4.6	4.7	NA	6.3	9.6	14.5	7.4	6.7
1962	NA	1.7	3.9	4.1	NA	5.1	7.5	12.4	6.4	5.5
1963	NA	1.8	4.0	4.2	NA	4.8	7.4	12.1	6.2	5.7
1964	2.6	1.7	3.7	3.4	6.3	4.3	6.5	10.6	5.8	5.2
1965	2.3	1.5	3.3	3.4	5.3	3.6	5.5	8.7	5.3	4.5
1966	2.0	1.3	2.9	2.8	4.2	2.9	4.3	7.5	4.6	3.8
1967	2.2	1.3	3.1	3.2	4.4	2.5	5.0	7.6	4.5	3.8
1968	2.0	1.2	3.0	2.8	4.1	2.4	4.5	7.2	4.4	3.6
1969	2.1	1.2	3.0	2.9	3.9	2.2	4.5	6.7	4.2	3.5
1970	2.8	1.7	4.0	3.9	6.2	3.8	7.1	9.5	5.3	4.9
1971	3.5	2.9	4.8	4.3	7.4	4.7	8.3	10.8	6.3	5.9
1972[a]	3.4	2.4	4.7	4.3	6.5	4.3	7.6	10.3	6.3	5.6

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics.
[a]January through September 1972; average of monthly rates.

TABLE 9.–UNEMPLOYMENT RATES, 1948 TO 1972, TOTAL CIVILIAN WORK FORCE, BY SEX

Year	Total civilian labor force	Rate of unemployment		
		Men–20 years of age and older	Women–20 years of age and older	Both sexes, 16-19 years old
1	2	3	4	5
1948	3.8	3.2	3.6	9.2
1949	5.9	5.4	5.3	13.4
1950	5.3	4.7	5.1	12.2
1951	3.3	2.5	4.0	8.2
1952	3.0	2.4	3.2	8.5
1953	2.9	2.5	2.9	7.6
1954	5.5	4.9	5.5	12.6
1955	4.4	3.8	4.4	11.0
1956	4.1	3.4	4.2	11.1
1957	4.3	3.6	4.1	11.6
1958	6.8	6.2	6.1	15.9
1959	5.5	4.7	5.2	14.6
1960	5.5	4.7	5.1	14.7
1961	6.7	5.7	6.3	16.8
1962	5.5	4.6	5.4	14.7
1963	5.7	4.5	5.4	17.2
1964	5.2	3.9	5.2	16.2
1965	4.5	3.2	4.5	14.8
1966	3.8	2.5	3.8	12.8
1967	3.8	2.3	4.2	12.8
1968	3.6	2.2	3.8	12.7
1969	3.5	2.1	3.7	12.2
1970	4.9	3.5	4.8	15.2
1971	5.9	4.4	5.7	16.9
1972[a]	5.6	4.0	5.4	16.2

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. Quoted in *Economic Report of the President*, 1973. p. 223.
[a]Preliminary data.

TABLE 10.–CONSUMER PRICE INDEX, ALL ITEMS, 1951 TO 1972 (1967 = 100.0)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average for year	Percent change from previous year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1951	76.1	77.0	77.3	77.4	77.7	77.6	77.7	77.7	78.2	78.6	79.0	79.3	77.8	..
1952	79.3	78.8	78.8	79.1	79.2	79.4	80.0	80.1	80.0	80.1	80.1	80.0	79.5	2.2
1953	79.8	79.4	79.6	79.7	79.9	80.2	80.4	80.6	80.7	80.9	80.6	80.5	80.1	0.8
1954	80.7	80.6	80.5	80.3	80.6	80.7	80.7	80.6	80.4	80.2	80.3	80.1	80.5	0.5
1955	80.1	80.1	80.1	80.1	80.1	80.1	80.4	80.2	80.5	80.5	80.6	80.4	80.2	−0.4
1956	80.3	80.3	80.4	80.5	80.9	81.4	82.0	81.9	82.0	82.5	82.5	82.7	81.4	1.5
1957	82.8	83.1	83.3	83.6	83.8	84.3	84.7	84.8	84.9	84.9	85.2	85.2	84.3	3.6
1958	85.7	85.8	86.4	86.6	86.6	86.7	86.8	86.7	86.7	86.7	86.8	86.7	86.6	2.7
1959	86.8	86.7	86.7	86.8	86.9	87.3	87.5	87.4	87.7	88.0	88.0	88.0	87.3	0.8
1960	87.9	88.0	88.0	88.5	88.5	88.6	88.7	88.7	88.8	89.2	89.3	89.3	88.7	1.6
1961	89.3	89.3	89.3	89.3	89.3	89.4	89.8	89.7	89.9	89.9	89.9	89.9	89.6	1.0
1962	89.9	90.1	90.3	90.5	90.5	90.5	90.7	90.7	91.2	91.1	91.1	91.0	90.6	1.1
1963	91.1	91.2	91.3	91.3	91.3	91.7	92.1	92.1	92.1	92.2	92.3	92.5	91.7	1.2
1964	92.6	92.5	92.6	92.7	92.7	92.9	93.1	93.0	93.2	93.3	93.5	93.6	92.9	1.3
1965	93.6	93.6	93.7	94.0	94.2	94.7	94.8	94.6	94.8	94.9	95.1	95.4	94.5	1.7
1966	95.4	96.0	96.3	96.7	96.8	97.1	97.4	97.9	98.1	98.5	98.5	98.6	97.2	2.9
1967	98.6	98.7	98.9	99.1	99.4	99.7	100.2	100.5	100.7	101.0	101.3	101.6	100.0	2.9
1968	102.0	102.3	102.8	103.1	103.4	104.0	104.5	104.8	105.1	105.7	106.1	106.4	104.2	4.2
1969	106.7	107.1	108.0	108.7	109.0	109.7	110.2	110.7	111.2	111.6	112.2	112.9	109.8	5.4
1970	113.3	113.9	114.5	115.2	115.7	116.3	116.7	116.9	117.5	118.1	118.5	119.1	116.3	5.9
1971	119.2	119.4	119.8	120.2	120.8	121.5	121.8	122.1	122.2	122.4	122.6	123.1	121.3	4.3
1972	123.2	123.8	124.0	124.3	124.7	125.0	125.5	125.7	126.2	126.6	126.9	127.3	125.3	3.3
1973	127.7	128.6												

SOURCE: U. S. Department of Labor, Bureau of Labor Statistics, *The Consumer Price Index*, various dates.

TABLE 11.–CONSUMER PRICE INDEX AND PURCHASING POWER OF THE DOLLAR
Calendar Years, 1929 to 1972

Calendar year	Consumer Price Index: 1967 equals 100.0	Consumer Price Index: 1972 equals 100.0	Purchasing power of $1 in 1972 prices
1	2	3	4
1929	51.3	40.9	2.44
1930	50.0	39.9	2.51
1931	45.6	36.4	2.75
1932	40.9	32.6	3.06
1933	38.8	31.0	3.23
1934	40.1	32.0	3.12
1935	41.1	32.8	3.05
1936	41.5	33.1	3.02
1937	43.0	34.3	2.91
1938	42.2	33.7	2.97
1939	41.6	33.2	3.01
1940	42.0	33.5	2.98
1941	44.1	35.2	2.84
1942	48.8	38.9	2.57
1943	51.8	41.3	2.42
1944	52.7	42.1	2.38
1945	53.9	43.0	2.33
1946	58.5	46.7	2.14
1947	66.9	53.4	1.87
1948	72.1	57.5	1.74
1949	71.4	57.0	1.75
1950	72.1	57.5	1.74
1951	77.8	62.1	1.61
1952	79.5	63.4	1.58
1953	80.1	63.9	1.56
1954	80.5	64.2	1.56
1955	80.2	64.0	1.56
1956	81.4	65.0	1.54
1957	84.3	67.3	1.49
1958	86.6	69.1	1.45
1959	87.3	69.7	1.44
1960	88.7	70.8	1.41
1961	89.6	71.5	1.40
1962	90.6	72.3	1.38
1963	91.7	73.2	1.37
1964	92.9	74.1	1.35
1965	94.5	75.4	1.33
1966	97.2	77.6	1.29
1967	100.0	79.8	1.25
1968	104.2	83.2	1.20
1969	109.8	87.6	1.14
1970	116.3	92.8	1.08
1971	123.1	98.2	1.02
1972	125.3	100.0	1.00

SOURCE: Column 2 from U.S. Department of Labor, Bureau of Labor Statistics; columns 3 and 4 computed by NEA Research.

TABLE 12.–CONSUMER PRICE INDEX AND PURCHASING POWER OF THE DOLLAR
School Years 1929-30 to 1971-72

School year	Consumer Price Index[a]: 1967-68 equals 100.0	Consumer Price Index[a]: 1971-72 equals 100.0	Purchasing power of $1 in 1971-72 prices[b]
1	2	3	4
1929-1930	49.6	40.0	2.50
1930-1931	45.9	37.0	2.70
1931-1932	41.3	33.3	3.00
1932-1933	37.8	30.5	3.28
1933-1934	38.7	31.2	3.20
1934-1935	39.8	32.1	3.12
1935-1936	40.2	32.4	3.09
1936-1937	41.5	33.5	2.99
1937-1938	41.6	33.6	2.98
1938-1939	40.6	32.8	3.05
1939-1940	40.9	33.0	3.03
1940-1941	41.7	33.7	2.97
1941-1942	46.2	37.3	2.68
1942-1943	49.8	40.2	2.49
1942-1944	51.0	41.2	2.43
1944-1945	52.2	42.1	2.37
1945-1946	54.1	43.7	2.29
1946-1947	63.1	50.9	1.96
1947-1948	69.0	55.7	1.80
1948-1949	70.0	56.5	1.77
1949-1950	69.3	55.9	1.79
1950-1951	74.2	59.9	1.67
1951-1952	77.1	62.2	1.61
1952-1953	77.9	62.9	1.59
1953-1954	78.6	63.4	1.58
1954-1955	78.1	63.0	1.59
1955-1956	78.7	63.5	1.57
1956-1957	81.2	65.5	1.53
1957-1958	83.8	67.6	1.48
1958-1959	84.7	68.4	1.46
1959-1960	85.9	69.3	1.44
1960-1961	87.0	70.2	1.42
1961-1962	87.9	70.9	1.41
1962-1963	89.0	71.8	1.39
1963-1964	90.2	72.8	1.37
1964-1965	91.5	73.8	1.35
1965-1966	93.6	75.5	1.32
1966-1967	96.5	77.9	1.28
1967-1968	100.0	80.7	1.24
1968-1969	105.0	84.7	1.18
1969-1970	111.2	89.7	1.11
1970-1971	119.8	96.7	1.03
1971-1972	123.9	100.0	1.00
Sept. to Dec. 1971	122.6	99.0	1.01
Sept. to Dec. 1972	126.7	102.3	.98

[a] CPI converted to school-year basis by NEA Research.
[b] Computed by NEA Research.

TABLE 13.—CONSUMER PRICE INDEXES, BY SPECIAL GROUPS, SELECTED YEARS, 1950 TO 1972 (1967=100.0)

Year	All items	All items less food	All items less shelter	All commodities	Commodities					Services		
					Food	Commodities less food			Total nondurable	All services	Rent	All services less rent
						All	Durable	Nondurable				
1	2	3	4	5	6	7	8	9	10	11	12	13
1950	72.1	71.1	73.1	78.8	74.5	81.4	88.4	76.2	75.4	58.7	70.4	56.0
1952	79.5	77.5	80.8	87.0	84.3	88.3	96.4	82.4	83.4	64.5	76.2	62.2
1954	80.5	79.5	81.0	85.9	82.8	87.5	93.3	83.5	83.2	69.5	83.2	66.7
1956	81.4	81.1	81.7	85.9	82.2	87.8	91.5	85.3	83.7	72.7	85.9	70.1
1958	86.6	85.7	86.9	90.6	88.5	91.5	95.9	88.2	88.6	78.5	89.1	76.4
1960	88.7	88.8	88.9	91.5	88.0	93.1	96.7	90.7	89.4	83.5	91.7	81.9
1961	89.6	89.7	89.9	92.0	89.1	93.4	96.6	91.2	90.2	85.2	92.9	83.9
1962	90.6	90.8	90.9	92.8	89.9	94.1	97.6	91.8	90.9	86.8	94.0	85.5
1963	91.7	92.0	92.1	93.6	91.2	94.8	97.9	92.7	92.0	88.5	95.0	87.3
1964	92.9	93.2	93.2	94.6	92.4	95.6	98.8	93.5	93.0	90.2	95.9	89.2
1965	94.5	94.5	94.6	95.7	94.4	96.2	98.4	94.8	94.6	92.2	96.9	91.5
1966	97.2	96.7	97.4	98.2	99.1	97.5	98.5	97.0	98.1	95.8	98.2	95.3
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	104.4	104.1	103.7	103.6	103.7	103.1	104.1	103.9	105.2	102.4	105.7
1969	109.8	110.1	109.0	108.4	108.9	108.1	107.0	108.8	108.9	112.5	105.7	113.8
1970	116.3	116.7	114.4	113.5	114.9	112.5	111.8	113.1	114.0	121.6	110.1	123.7
1971	121.3	122.1	119.3	117.4	118.4	116.8	116.5	117.0	117.7	128.4	115.2	130.8
1972	125.3	125.8	122.9	120.9	123.5	119.4	118.9	119.8	121.7	133.3	119.2	135.9

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Review*, various issues.

TABLE 14.—CONSUMER PRICE INDEX FOR 20 LARGE CITIES, ALL ITEMS, SELECTED YEARS, 1950 TO 1972 (1967 = 100.0)

City	1950	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971[a]	1972
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
U.S.—all-city average	72.1	88.7	89.6	90.6	91.7	92.9	94.5	97.2	100.0	104.2	109.8	116.3	121.3	125.3
Atlanta	72.7	89.3	89.7	90.5	91.3	92.8	94.0	97.0	100.0	104.0	110.2	116.5	121.7	125.5
Baltimore	71.4	89.1	89.9	90.6	91.9	92.9	94.4	97.7	100.0	104.1	110.5	117.0	123.4	126.3
Boston	69.5	86.5	87.7	89.6	91.4	92.7	94.5	97.7	100.0	104.1	110.0	116.7	122.8	126.8[b]
Chicago	72.4	90.7	91.2	92.1	92.7	93.4	94.7	97.4	100.0	104.3	109.9	116.3	120.8	124.3
Cincinnati	74.0	90.0	90.4	91.3	92.3	93.7	94.4	97.2	100.0	104.8	109.8	115.7	120.7	124.7
Cleveland	73.1	90.6	91.4	91.7	92.7	93.2	94.7	97.2	100.0	105.9	111.9	119.3	122.8	126.5[b]
Detroit	73.0	88.2	88.7	88.9	89.8	90.5	92.6	96.7	100.0	104.3	110.6	117.4	121.7	126.2
Houston	74.9	89.2	89.7	91.4	92.3	93.7	94.8	97.5	100.0	104.3	111.0	116.8	120.9	124.9[b]
Kansas City, Mo.	70.4	86.9	88.0	89.4	90.3	92.5	95.5	98.0	100.0	104.0	109.6	115.8	120.5	124.0
Los Angeles–Long Beach	70.1	88.5	89.6	90.6	92.0	93.7	95.7	97.5	100.0	103.9	108.8	114.3	118.5	122.3
Minneapolis	72.0	89.0	89.9	91.0	92.3	93.2	94.5	96.8	100.0	104.6	109.9	117.5	121.7	125.2[b]
New York	71.2	87.3	88.1	89.4	91.3	92.8	94.3	97.5	100.0	104.3	110.8	119.0	125.9	131.4
Philadelphia	71.3	88.4	89.4	90.1	91.8	93.2	94.7	97.3	100.0	104.8	110.4	117.8	123.5	127.0
Pittsburgh	72.2	90.5	91.3	92.1	93.1	94.3	95.8	98.3	100.0	104.7	110.4	116.4	121.5	125.0[b]
Portland, Oreg.	71.0	87.1	88.1	88.5	90.2	92.2	94.6	97.5	100.0	103.5	108.6	113.2	116.1	119.2
St. Louis	70.9	87.7	89.0	90.0	90.9	92.6	94.1	97.2	100.0	104.0	109.2	115.2	119.6	122.3
San Francisco	67.6	87.8	88.9	90.3	91.5	92.9	94.7	97.1	100.0	104.5	110.2	115.8	120.1	124.3
Scranton	72.2	86.9	88.2	89.7	90.9	92.5	94.1	97.4	100.0	104.1	109.5	116.3	121.4	125.8[b]
Seattle	70.3	87.9	89.2	90.6	92.1	93.4	94.5	97.1	100.0	104.1	109.2	114.0	116.4	119.7[b]
Washington, D.C.	73.6	87.7	89.0	89.8	91.3	92.8	94.1	97.3	100.0	104.7	111.2	117.6	122.7	126.9[b]

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Review*, various issues.

[a]Includes revisions due to auto excise taxe refund.

[b]Average of quarterly averages.

TABLE 14-A.–AVERAGE SALARIES PAID INSTRUCTIONAL STAFF, SCHOOL YEARS 1950-51 TO 1972-73
In Current dollars (school year basis)

School year	In current dollars: Average salary	In current dollars: Percent change from previous years	Consumer Price Index–school-year basis: Index: 1967=100.0	Consumer Price Index–school-year basis: Percent change from previous years	School year	In current dollars: Average salary	In current dollars: Percent change from previous years	Consumer Price Index–school-year basis: Index: 1967=100.0	Consumer Price Index–school-year basis: Percent change from previous years
1	2	3	4	5	1	2	3	4	5
1950-51	$3,126	3.9	74.2	7.1	1961-62	$5,700	4.6	87.9	1.0
1951-52	3,450	10.4	77.1	3.9	1962-63	5,921	3.9	89.0	1.3
1952-53	3,554	3.0	77.9	1.0	1963-64	6,240	5.4	90.2	1.3
1953-54	3,825	7.6	78.6	0.9	1964-65	6,465	3.6	91.5	1.4
1954-55	3,950	3.3	78.1	0.6	1964-65	6,465	3.6	91.5	1.4
1955-56	4,156	5.2	78.7	0.8	1965-66	6,935	7.3	93.6	2.3
1956-57	4,350	4.7	81.2	3.2	1966-67	7,129	2.8	96.5	3.1
1957-58	4,720	8.5	83.8	3.2	1967-68	7,630	7.0	100.0	3.6
1958-59	4,939	4.6	84.7	1.1	1968-69	8,272	8.4	105.0	5.0
1959-60	5,159	4.5	85.9	1.4	1969-70	9,047	9.4	111.2	5.9
1960-61	5,449	5.6	87.0	1.3	1970-71	9,698	7.2	119.8	7.7
					1971-72	10,213	5.3	123.9	3.4
					1972-73	10,643	4.2	126.7[a]	3.3[b]

[a]September through December 1972.
[b]Increase shown based on September-December 1972 (126.7) and September-December 1971 (122.6)

TABLE 15.–ESTIMATED ANNUAL COSTS OF THREE BUDGETS FOR A FOUR-PERSON FAMILY[a]

Area	Annual costs–total budget: Spring 1967	Spring 1969	Spring 1970	Fall 1971	Percent increase, fall 1971 over spring 1970
1	2	3	4	5	6
Lower Budget:					
Urban United States	$ 5,915	$ 6,567	$ 6,960	$ 7,214	3.6
Metropolitan areas[b]	5,994	6,673	7,061	7,358	4.2
Nonmetropolitan areas[c]	5,564	6,092	6,512	6,709	3.0
Intermediate Budget:					
Urban United States	9,076	10,077	10,664	10,971	2.9
Metropolitan areas[b]	9,243	10,273	10,933	11,190	2.4
Nonmetropolitan areas[c]	8,322	9,204	9,600	9,764	1.7
Higher Budget:					
Urban United States	13,050	14,589	15,511	15,905	2.5
Metropolitan areas[b]	13,367	14,959	15,971	16,382	2.6
Nonmetropolitan areas[c]	11,640	12,942	13,459	13,678	1.6

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics.
[a]The family consists of any employed husband, age 38, a wife not employed outside the home, an 8-year-old girl, and a 13-year-old boy.
[b]Standard Metropolitan Statistical Areas.
[c]Places with 2,500 to 50,000 inhabitants.

TABLE 16.—ANNUAL COSTS OF BUDGETS FOR THREE LIVING STANDARDS,[a] FALL, 1971

Budget item	Urban United States								
	Total			Metropolitan areas[b]			Nonmetropolitan areas[c]		
	Lower	Moderate	Higher	Lower	Moderate	Higher	Lower	Moderate	Higher
1	2	3	4	5	6	7	8	9	10
Total Budget	$7,214	$10,971	$15,905	$7,358	$11,904	$16,382	$6,709	$9,764	$13,678
Total Cost of Family Consumption	5,841	8,626	11,935	5,899	8,799	12,293	5,491	7,763	10,383
Food	1,964	2,532	3,198	2,003	2,583	3,262	1,827	2,329	2,846
Housing - total	1,516	2,638	3,980	1,546	2,717	4,139	1,395	2,269	3,264
Transportation	536	964	1,250	515	974	1,275	643	945	1,150
Clothing and personal care	848	1,196	1,740	865	1,220	1,757	789	1,112	1,618
Medical care	609	612	638	627	630	657	518	520	542
Other family consumption[d]	368	684	1,129	384	711	1,174	299	575	937
Other Costs[e]	357	560	937	...	...	...	...	...	...
Social Security and Disability Insurance	387	419	419	...	...	...	...	..	...
Personal Income Taxes	629	1,366	2,614	648	1,421	2,748	535	1,120	2,012

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics.

[a]The family consists of an employed husband, aged 38, wife not employed outside the home, an 8-year-old girl and a 13-year-old boy.

[b]Standard Metropolitan Statistical Areas.

[c]Places with population of 2,500 to 50,000.

[d]Reading, recreation, education, tobacco, alcoholic beverages, and miscellaneous expenses.

[e]Gifts and contributions and life insurance.

TABLE 17.–INTERCITY AND AREA COMPARISONS OF A CITY WORKER'S FAMILY BUDGET FOR A MODERATE STANDARD OF LIVING, FALL 1966, SPRING 1967, 1969, 1970, AND FALL 1971

Area	Total budget[a]				
	Fall 1966	Spring 1967	Spring 1969	Spring 1970	Fall 1971
1	2	3	4	5	6
United States	$ 9,191	$ 9,076	$10,064	$10,664	$10,971
Metropolitan area[b]	9,376	9,243	10,279	10,933	11,904
Nonmetropolitan areas[c]	8,366	8,322	9,101	9,600	9,764
Northeast					
Boston, Mass	10,141	9,973	11,253	12,037	12,836
Buffalo, N.Y.	9,724	9,624	10,747	11,425	11,629
Hartford, Conn.	10,000	9,833	10,924	11,584	12,068
Lancaster, Pa.	8,890	8,960	9,790	10,301	10,752
New York–Northeastern N.J.	10,195	9,977	11,247	12,134	12,617
Philadelphia, Pa.–N.J.	9,193	9,079	10,221	10,875	11,410
Pittsburgh, Pa.	8,919	8,764	9,684	10,236	10,752
Portland, Maine	9,257	9,195	10,209	10,835	11,190
Nonmetropolitan areas[c]	8,985	8,981	9,816	10,419	10,752
North Central					
Cedar Rapids, Iowa	9,421	9,358	10,138	10,614	11,081
Champaign–Urbana, Ill.	9,350	9,257	10,250	10,864	11,190
Chicago, Ill.–Northwestern Ind.	9,506	9,334	10,452	11,120	11,520
Cincinnati, Ohio–Ky.–Ind.	8,976	8,826	9,736	10,220	10,532
Cleveland, Ohio	9,297	9,262	10,470	11,184	11,300
Dayton, Ohio	8,711	8,636	9,522	10,094	10,203
Detroit, Mich.	8,981	8,981	9,949	10,588	10,752
Green Bay, Wis.	9,080	8,955	9,808	10,596	10,971
Indianapolis, Ind.	9,394	9,232	10,377	10,892	11,081
Kansas City, Mo.–Kans.	9,189	8,965	10,034	10,599	10,971
Milwaukee, Wis.	9,740	9,544	10,739	11,405	11,739
Minneapolis–St. Paul, Minn.	9,495	9,399	10,191	10,897	11,190
St. Louis, Mo.–Ill.	9,241	9,140	10,019	10,546	10,971
Wichita, Kans.	9,052	8,907	9,667	10,105	10,203
Nonmetropolitan areas[c]	8,535	8,511	9,329	9,852	10,093
South					
Atlanta, Ga.	8,434	8,328	9,117	9,523	9,764
Austin, Texas	8,028	7,952	8,982	9,212	9,435
Baltimore, Md.	8,798	8,685	9,898	10,590	10,971
Baton Rouge, La.	8,538	8,348	9,211	9,704	9,874
Dallas, Texas	8,472	8,345	9,340	9,894	10,093
Durham, N.C.	8,707	8,641	9,624	10,187	10,532
Houston, Texas	8,387	8,301	9,176	9,645	9,874
Nashville, Tenn.	8,552	8,388	9,232	9,665	9,984
Orlando, Fla.	8,416	8,227	9,098	9,469	9,654
Washington, D.C.–Md.–Va.	9,381	9,273	10,390	11,047	11,300
Nonmetropolitan areas[c]	7,855	7,784	8,567	9,041	9,216
West					
Bakersfield, Calif.	8,921	8,822	9,712	10,040	10,203
Denver, Colo.	9,235	9,080	9,737	10,326	10,642
Los Angeles–Long Beach, Calif.	9,445	9,326	10,247	10,770	10,971
San Diego, Calif.	9,307	9,209	9,979	10,467	10,642
San Francisco–Oakland, Calif.	9,886	9,774	10,837	11,381	11,629
Seattle–Everett, Wash.	9,565	9,550	10,553	11,012	11,081
Honolulu, Hawaii	11,190	10,902	12,118	12,776	13,055
Nonmetropolitan areas[c]	8,925	8,890	9,493	9,885	10,093

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics.

[a] The family consists of an employed husband, age 38, a wife not employed outside the home, an 8-year-old girl, and a 13-year-old boy.

[b] Standard Metropolitan Statistical Areas.

[c] Places with population of 2,500 to 50,000.

TABLE 18.–COMPARISON OF TOTAL BUDGET FOR A MODERATE STANDARD OF LIVING WITH AVERAGE SALARIES PAID TEACHERS, 1967 TO 1971

Budget date	Total budget–moderate standard	Average salary paid teachers[a]	Ratio of teachers' salary to total budget
1	2	3	4
Spring 1967	$ 9,076	$6,830	75.3
Spring 1969	10,064	8,635	85.8
Spring 1970	10,664	9,269	86.9
Fall 1971	10,971	9,705	88.5

[a]For school years, 1966-67, 1969-70, 1970-71, and 1971-72.

TABLE 19.–ACCRA COST OF LIVING INDICATORS, FOURTH QUARTERS 1968 TO 1972, ALL ITEMS FOR SELECTED CITIES

City Index (All Items = 100.0)

Before using these data, see explanation at end of table.

City and state	City index–all items, Fourth quarter				
	1968	1969	1970	1971	1972
1	2	3	4	5	6
Alabama					
Birmingham	97.1	99.1	102.4	102.7	...
Huntsville	93.1	90.3	95.0	...	92.2
Mobile	94.6	95.9	89.1	93.6	95.3
Montgomery	99.8	103.2	104.2	103.1	107.1
Alaska					
Anchorage	160.7	...	170.8	163.5	167.4[a]
Arizona					
Flagstaff	101.2	103.4	112.5	111.0	106.6
Tucson	91.6	...	106.5	106.6	...
Arkansas					
Fort Smith	94.9	104.8	95.1	102.2	99.9[a]
Little Rock	102.9	95.5	98.5	95.2	95.9
California					
Fresno	92.9	96.6	99.5	99.7	98.4
San Diego	101.2	100.8	100.4	99.6	103.2
San Francisco	116.7	...	124.3	...	...
San Jose	103.7	107.6	113.0	106.4	104.2
Colorado					
Colorado Springs	99.4	100.0	100.2	97.9	100.0
Denver	96.5	105.3	108.3	105.7	102.0
Connecticut					
Hartford	...	...	...	...	122.7
Middletown	106.3	104.4	110.5	115.0	...
Florida					
Fort Lauderdale	101.6	111.9	114.6	112.8	112.3
Gainesville	100.6	...	102.3	...	104.9[a]
Orlando	99.4	100.2	100.5	101.8	98.3[a]
St. Petersburg	96.6	99.7	102.1	103.6	108.2[a]
Georgia					
Atlanta	110.0	106.1	...	...	104.3
Macon	92.6	...	94.2	101.0	...
Savannah	94.8	96.2	100.3	98.2	97.0
Idaho					
Boise	91.4	96.2	101.1	102.7	100.8
Illinois					
Chicago	116.7	117.1	109.8	110.0	112.9
Peoria	97.6	106.3	106.1	113.2	109.3
Rockford	97.3	93.4	102.0	102.5	102.3
Indiana					
Evansville	101.4	100.7	96.0	96.5	97.4
Indianapolis	101.9	104.9	99.1	102.6	100.5
South Bend	...	...	...	...	93.8
Iowa					
Cedar Rapids	114.3	107.6	107.6	102.6	104.1
Des Moines	107.0	109.1	107.8	113.6	110.7
Kansas					
Kansas City	91.5	94.1	101.2	104.5	104.1
Kentucky					
Lexington	99.1	98.2	98.7	97.8	95.1
Louisville	96.2	97.4	100.4	94.8	93.4
Louisiana					
New Orleans	95.6	97.8	100.3	97.9	84.7
Shreveport	95.2	95.7	94.5	94.2	95.3
Maine					
Portland	106.1	97.8	114.3	111.0	104.2
Maryland					
Baltimore	...	...	...	...	110.3
Michigan					
Alpena	107.4	95.1	112.4	104.1	102.9
Detroit	99.4	...	...	...	97.8
Grand Rapids	100.5	...	94.8	97.0	94.6
Lansing	107.4	120.3	101.1	111.8	108.2
Minnesota					
Duluth	107.1	107.1	99.9	98.1	96.9
Minneapolis	111.1	110.1	...	. .	105.5
Mississippi					
Jackson	95.9	98.3	96.9	93.0	93.0

TABLE 19.–ACCRA COST OF LIVING INDICATORS, FOURTH QUARTERS 1968 TO 1972, ALL ITEMS FOR SELECTED CITIES (Continued)

City Index (All Items = 100.0)

City and state	City index–all items, Fourth quarters 1968	1969	1970	1971	1972
1	2	3	4	5	6
Missouri					
Kansas City (Mo.–Ks.)	98.5	109.2	109.9	...	88.1
St. Louis	103.1	102.8	101.0	100.6	98.0
Springfield	87.1	88.9	87.3	89.6	91.7
Montana					
Billings	94.9	107.3	98.1	100.4	99.1
Great Falls	105.6	126.5	117.1	104.3	102.8
Nebraska					
Lincoln	95.4	98.8	96.2	96.4	94.1
Omaha	102.9	100.9	97.3	95.7	93.4
New Mexico					
Albuquerque	99.9	93.4	87.6	86.9	95.7
New York					
Buffalo	105.6	...	104.8	...	104.9
New York City	117.5	119.1	115.6	116.6	121.1
North Carolina					
Durham	95.2	103.3	95.6	97.3	108.0
Greensboro	98.0	99.4	105.3	110.9	93.9
Raleigh	95.8	101.5	96.0	...	...
Winston-Salem	101.3	98.5	103.7	106.9	102.9[a]
North Dakota					
Fargo	100.2	115.8	110.0	105.8	105.8
Ohio					
Akron	109.6	113.7	...	104.1	105.5
Cincinnati	103.1	97.2	96.2	96.2	98.1
Columbus	100.8	103.0	105.3	91.1	104.4
Dayton	101.7	102.7	...	103.0	106.4[a]
Oklahoma					
Tulsa	99.0	100.5	96.9	103.4	94.8
Oregon					
Portland	98.6	93.5	88.1	103.8	105.1
Pennsylvania					
Allentown	96.1	94.5	111.0	87.9	112.5
York	91.8	95.7	101.9	102.9	103.6
South Carolina					
Greenville	98.2	101.3	95.2	96.8	93.2
South Dakota					
Sioux Falls	86.8	...	...	93.5	94.9
Tennessee					
Knoxville	98.7	102.6	93.2	95.4	92.8
Memphis	98.5	102.9	...	...	97.5
Texas					
Austin	93.7	97.8	102.5	...	...
El Paso	86.6	86.0	91.0	88.1	88.2
Fort Worth	100.1	101.7	93.3	90.1	88.6
Houston	99.4	102.4	95.0	94.1	96.4
San Antonio	93.0	94.3	100.9	94.6	98.3
Utah					
Salt Lake City	103.8	98.5	99.1	97.5	97.0
Virginia					
Portsmouth	99.9	94.5	95.4	96.7	99.2
Richmond	94.5	94.1	102.0	102.4	102.2
Roanoke	102.2	98.0	91.3	95.1	101.6
Washington					
Spokane	102.9	...	104.1	109.9	112.8
West Virginia					
Charleston	111.5	108.7	104.1	102.6	99.5
Parkersburg	98.7	99.3	97.5	93.9	90.2
Wheeling	101.4	94.1	95.5	95.2	93.5
Wisconsin					
Green Bay	98.8	95.9	97.2	...	...
Madison	107.3	104.5	100.7	101.3	102.0
Wausau	94.9	97.7	95.5	95.2	94.4
Wyoming					
Casper	102.5	99.1	97.0	96.2	105.0
Cheyenne	90.6	99.7	93.4	93.1	79.8

SOURCE: American Chamber of Commerce Researchers Association. *Cost of Living Indicators.* Lincoln Nebr.: the Association, November 1968, 1969, 1970, 1971, and 1972. (Used with permission)

[a]Third quarters 1972.

IMPORTANT EXPLANATION–PLEASE READ BEFORE USING DATA IN THIS TABLE

The indexes in this table are constructed in such a way that there is no continuity through time which would give a time trend for the cities shown. The indexes for the various years for any city do not mean that the cost of living for that city has increased or decreased as might be inferred from the changes in the indexes.

These indexes can be used only to show difference *among cities* for any given period of time. For example, for the fourth quarter of 1972 the cost of living in Chicago was measured by an index of 112.9, which compares with an index of 95.1 in Lexington, Ky.

II. SALARIES OF THE TEACHING PROFESSION

TRENDS IN SALARIES of teachers, other members of the instructional staff and certain administrative officers in elementary and secondary schools, of faculties of public junior colleges, and of faculties of degree-granting colleges and universities are shown in Tables 20 through 40. For the most part, these tables are self-explanatory.

Salaries Paid in Public Schools

Tables 20 through 26 show trend data on salaries paid teachers and other members of the instructional staff of public school systems. Information in these tables is received annually from the various state departments of education. Biennially by means of a questionnaire sent directly to individual local school systems NEA Research also collects information on salaries paid. The biennial survey provides national estimates of salaries paid teachers, principals, other supervisory employees assigned to individual school buildings, and to selected central-office positions. Tables 27 and 28 summarize this information for the years 1962-63 through 1970-71. The 1972-73 survey is currently in process but will exclude salaries of central-office administrators.

Table 20 shows that the average salary of the total instructional staff increased from $5,449 in 1960-61 to $10,643 in 1972-73, or 95.3 percent. The increase has been slightly higher for elementary-school teachers compared with teachers in secondary schools. In terms of 1971-72 prices, the increase for the total instructional staff was only 34.8 percent for this period. (See Table 21.)

Average salaries paid the total instructional staff for 1960-61 through 1972-73 are shown by region in Table 22. Average salaries paid in the Southeast continue to be the lowest in dollar amounts paid. The *rate* of increase in the Southeast, however, has continued to improve rapidly throughout this period, so that the average salary of $8,863 is 103.7 percent above that of $4,351 paid in 1960-61. Major salary improvements in the Plains region in the past two years have caused this region to show the fastest rate of increase in average salaries, slightly exceeding that of the Southeast. The average salary in the Mideast is the highest in terms of dollar amount with that of the Far West area only slightly less.

The average salaries paid the instructional staff in dollar amounts, and as an index of 1962-63 are shown in Tables 23 and 24 on a state-by-state basis for selected years between 1961-62 and 1972-73.

In 1952-53, only 13.0 percent of all teachers in elementary and secondary public schools were earning $4,500 or more, while 62.0 percent received less than $3,500 (Table 25). It is estimated that in 1972-73, only 16.4 percent are receiving less than $7,500, with 36.7 percent receiving $10,500 or more; in fact, 26.3 percent are receiving $11,500 or more.

In Table 26, average salaries of classroom teachers for the years 1963-64 to 1972-73 are shown.

Table 27 compares estimated national mean salaries paid teachers with those of various administrative and supervisory personnel for the years 1962-63, 1964-65, 1966-67, 1968-69, and 1970-71. Table 28 provides similar salary information for various central-office administrators in systems with enrollments of 12,000 or more.

Salaries Paid in Colleges and Universities

Median annual salaries of instructional personnel and of certain administrative officers in reporting degree-granting colleges and universities are shown in Table 29 for alternate years from 1957-58 to 1971-72.

For full professors the median salary of $18,091 in 1971-72 is 124.1 percent higher than the median of $8,072 in 1957-58. Salaries of other instructional personnel showed slightly smaller increases for this eight-year period. Median salaries paid instructors increased 104.9 percent—from $4,562 to $9,347; this is the smallest increase for any of the instructional positions included in the study.

Similar rates of increase, ranging from 102.6 to 139.8 percent, are shown for administrative officers of colleges and universities.

Table 30 gives preliminary information on average salaries paid full-time instructional faculty

in all institutions of higher learning for 1972-73 classified by level of institution, rank, and sex.

In all categories the average salaries of women are noticeably lower than those of men.

The median salary of full-time instructors in reporting public junior colleges increased 98.4 percent—from $5,470 in 1955-56 to $11,952 in 1971-72. These data are presented in Table 31.

Salaries Scheduled in Public Schools

Tables 32 through 37 provide trend information on salaries *scheduled* for teachers, other members of the instructional staff, and selected central-office positions.

Mean scheduled salaries for teachers by preparation level, for all reporting systems with enrollments of 6,000 or more are shown in Table 32 for 1962-63 through 1972-73. Earlier data are unavailable on a comparable basis since stratification by enrollment was first begun in 1962-63. An index relationship to the bachelor's degree minimum is also shown.

Table 33 gives similar data for each of the five enrollment strata with enrollments of 6,000 or more. An index relationship to 1962-63 is shown in Table 34.

In Table 35, mean and median scheduled salaries for teachers by geographic region are shown for all systems with enrollments of 6,000 or more which reported salary data for 1972-73. Table 36 shows mean *minimum* starting salaries for teachers with a bachelor's degree, on a regional basis for school years 1965-66 through 1972-73.

Average *maximum* scheduled salaries for principals, counselors, and for certain central-office administrators, including supervisors, coordinators, directors, and superintendents are shown in Table 37 for the years 1963-64 through 1971-72.

Salaries Scheduled in Colleges and Universities and in Public Junior Colleges

Table 38 shows mean *scheduled* minimum and maximum salaries for instructors, assistant professors, associate professors, and professors in public and nonpublic degree-granting four-year institutions for 1965-66 through 1971-72.

Table 39 summarizes mean minimum and maximum scheduled salaries, classified by preparation level, for public junior colleges for 1965-66 through 1971-72. Table 40 provides similar information for public junior colleges which structure their schedules on professorial rank.

TABLE 20.—ESTIMATED AVERAGE ANNUAL SALARIES OF TOTAL INSTRUCTIONAL STAFF AND OF TEACHERS, 1960-61 THROUGH 1972-73

School year	Average salary of instructional staff	Average salary of teachers		
		Elementary	Secondary	All teachers
1	2	3	4	5
	IN DOLLARS			
1960-61	$ 5,449	$5,075	$ 5,543	$ 5,275
1961-62	5,700	5,340	5,775	5,515
1962-63	5,921	5,560	5,980	5,732
1963-64	6,240	5,805	6,266	5,995
1964-65	6,465	5,985	6,451	6,195
1965-66	6,935	6,279	6,761	6,485
1966-67	7,129	6,622	7,109	6,830
1967-68	7,630	7,208	7,692	7,423
1968-69	8,272	7,718	8,210	7,952
1969-70	9,047	8,412	8,891	8,635
1970-71	9,698	9,021	9,568	9,269
1971-72	10,213	9,424	10,031	9,705
1972-73	10,643	9,823	10,460	10,114
	INDEX: 1962-63 = 100.0			
1960-61	92.0	91.3	92.7	92.0
1961-62	96.3	96.0	96.6	96.2
1962-63	100.0	100.0	100.0	100.0
1963-64	105.4	104.4	104.8	104.6
1964-65	109.2	107.6	107.9	108.1
1965-66	117.1	112.9	113.1	113.1
1966-67	120.4	119.1	118.9	119.2
1967-68	128.9	129.6	128.6	129.5
1968-69	139.7	138.8	137.3	138.7
1969-70	152.8	151.3	148.7	150.6
1970-71	163.8	162.2	160.0	161.7
1971-72	172.5	169.5	167.7	169.3
1972-73	179.8	176.7	174.9	176.4

SOURCE: From U.S. Office of Education, and NEA Research, *Estimates of School Statistics.* All indexes computed by NEA Research.

TABLE 21.—AVERAGE SALARIES PAID INSTRUCTIONAL STAFF[a] SCHOOL YEARS 1929-30 THROUGH 1972-73

School year	Average annual salary			Purchasing power of $1	
		Purchasing power			
	In current dollars	In 1961-62 prices	In 1971-72 prices	In 1961-62 prices	In 1971-72 prices
1	2	3	4	5	6
1929-30	$ 1,420	$2,513	$ 3,550	$1.77	$2.50
1930-31	1,440	2,765	3,888	1.92	2.70
1931-32	1,417	3,018	4,251	2.13	3.00
1932-33	1,316	3,066	4,316	2.33	3.28
1933-34	1,227	2,785	3,926	2.27	3.20
1934-35	1,244	2,749	3,869	2.21	3.12
1935-36	1,283	2,810	3,952	2.19	3.09
1936-37	1,327	2,813	3,968	2.12	2.99
1937-38	1,374	2,899	4,095	2.11	2.98
1938-39	1,408	3,041	4,294	2.16	3.05
1939-40	1,441	3,098	4,366	2.15	3.03
1940-41	1,470	3,102	4,366	2.11	2.97
1941-42	1,507	2,863	4,039	1.90	2.68
1942-43	1,599	2,814	3,982	1.76	2.49
1943-44	1,728	2,972	4,199	1.72	2.43
1944-45	1,846	3,101	4,375	1.68	2.37
1945-46	1,995	3,252	4,569	1.63	2.29
1946-47	2,254	3,133	4,418	1.39	1.96
1947-48	2,639	3,352	4,750	1.27	1.80
1948-49	2,846	3,586	5,037	1.26	1.77
1949-50	3,010	3,823	5,388	1.27	1.79
1950-51	3,126	3,689	5,220	1.18	1.67
1951-52	3,450	3,933	5,554	1.14	1.61
1952-53	3,554	4,016	5,651	1.13	1.59
1953-54	3,825	4,284	6,043	1.12	1.58
1954-55	3,950	4,424	6,280	1.12	1.59
1955-56	4,156	4,655	6,525	1.12	1.57
1956-57	4,350	4,698	6,655	1.08	1.53
1957-58	4,720	4,956	6,986	1.05	1.48
1958-59	4,939	5,137	7,211	1.04	1.46
1959-60	5,159	5,262	7,429	1.02	1.44
1960-61	5,449	5,503	7,738	1.01	1.42
1961-62	5,700	5,700	8,037	1.00	1.41
1962-63	5,921	5,862	8,230	.99	1.39
1963-64	6,240	6,053	8,549	.97	1.37
1964-65	6,465	6,206	8,728	.96	1.35
1965-66	6,935	6,519	9,154	.94	1.32
1966-67	7,129	6,487	9,125	.91	1.28
1967-68	7,630	6,714	9,461	.88	1.24
1968-69	8,272	6,948	9,761	.84	1.18
1969-70	9.047	7,147	8,414	.79	1.11
1970-71	9,698	7,080	9,989	.73	1.03
1971-72	10,213	7,251	10,213	.71	1.00
1972-73	10,643	7,344	10,430[b]	.69[b]	.98[b]

[a]Includes teachers, counselors, school librarians, principals, and other instructional staff assigned to individual school buildings.

[b]Based on CPI for September through December 1972.

TABLE 22.–ESTIMATED AVERAGE ANNUAL SALARIES PAID TOTAL INSTRUCTIONAL STAFF[a], BY REGION, SELECTED SCHOOL YEARS, 1960-61 THROUGH 1972-73

School years	Regions[b]								Total, all regions
	New England	Mideast	Southeast	Great Lakes	Plains	Southwest	Rocky Mountain	Far West	
1	2	3	4	5	6	7	8	9	10
1960-61	$ 5,599	$ 6,208	$4,351	$ 5,312	$4,760	$4,868	$5,053	$ 6,653	$ 5,449
1961-62	5,818	6,416	4,575	6,052	5,011	5,431	5,279	6,860	5,700
1962-63	6,095	6,647	4,713	6,256	5,327	5,567	5,477	7,076	5,921
1963-64	6,553	7,055	5,009	6,413	5,575	5,664	5,791	7,356	6,240
1964-65	6,819	7,302	5,227	6,641	5,813	5,753	6,067	7,862	6,465
1965-66	7,060	7,655	5,511	6,987	6,039	6,202	6,367	8,187	6,935
1966-67	7,334	7,921	6,021	7,317	6,369	6,265	6,610	8,604	7,129
1967-68	7,783	8,406	6,515	8,207	6,932	6,841	6,911	9,102	7,709
1968-69	8,457	9,027	7,053	8,744	7,550	7,055	7,348	9,757	8,272
1969-70	9,139	10,206	7,582	9,407	8,321	7,854	7,950	10,563	9,047
1970-71	9,966	10,857	8,046	10,182	8,977	8,430	8,652	11,231	9,698
1971-72	10,418	11,691	8,462	10,600	9,415	8,769	9,067	11,834	10,213
1972-73	10,797	12,295	8,863	11,041	9,808	9,101	9,449	12,197	10,643
INDEX: TOTAL, ALL REGIONS = 100.0									
1960-61	102.8	113.9	79.8	106.7	87.4	89.3	92.7	122.1	100.0
1961-62	102.1	112.6	80.3	106.2	87.9	95.3	92.6	120.4	100.0
1962-63	102.9	112.3	79.6	105.7	90.0	94.0	92.5	119.5	100.0
1963-64	105.0	113.1	80.3	102.8	89.3	90.8	92.8	117.9	100.0
1964-65	105.5	112.9	80.9	102.7	89.9	89.0	93.8	121.6	100.0
1965-66	101.8	110.4	79.5	100.7	87.1	89.4	91.8	118.1	100.0
1966-67	102.9	111.1	84.5	102.6	89.3	87.9	92.7	120.7	100.0
1967-68	101.0	109.0	84.5	106.5	89.9	88.7	89.6	118.1	100.0
1968-69	102.2	109.1	85.3	105.7	91.3	85.3	88.8	118.0	100.0
1969-70	101.0	112.8	83.8	104.0	92.0	86.8	87.9	116.8	100.0
1970-71	102.8	112.0	83.0	105.0	92.6	86.9	89.2	115.8	100.0
1971-72	102.0	114.5	82.9	103.8	92.2	85.9	88.8	115.9	100.0
1972-73	101.4	115.5	83.3	103.7	92.2	85.5	88.8	114.6	100.0
INDEX: 1960-61 = 100.0									
1960-61	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1961-62	103.9	103.4	105.1	104.1	105.3	111.6	104.5	103.1	104.6
1962-63	108.9	107.1	108.3	107.6	111.9	114.4	108.4	106.4	108.7
1963-64	117.0	113.6	115.1	110.3	117.1	116.4	114.6	110.6	114.5
1964-65	121.8	117.6	120.1	114.3	122.1	118.2	120.1	118.2	118.6
1965-66	126.1	123.3	126.7	120.2	126.9	127.4	126.0	123.1	127.3
1966-67	131.0	127.6	138.4	125.9	133.8	128.7	130.8	129.3	130.8
1967-68	139.0	135.4	149.7	141.2	145.6	140.5	136.8	136.8	141.5
1968-69	151.0	145.4	162.1	150.4	158.6	144.9	145.4	146.7	151.8
1969-70	163.2	164.4	174.3	161.9	174.8	161.3	157.3	158.8	166.0
1970-71	178.0	174.9	184.9	175.2	188.6	173.2	171.2	168.8	178.0
1971-72	186.1	188.3	194.5	182.4	197.8	180.1	179.4	177.9	187.4
1972-73	192.8	198.1	203.7	190.0	206.0	187.0	187.0	183.3	195.3

[a]Includes classroom teachers.

[b]NEW ENGLAND: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont. MIDEAST: Delaware, District of Columbia, Maryland, New Jersey, New York, Pennsylvania. SOUTHEAST: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, West Virginia. GREAT LAKES: Illinois, Indiana, Michigan, Ohio, Wisconsin. PLAINS: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota. SOUTHWEST: Arizona, New Mexico, Oklahoma, Texas. ROCKY MOUNTAIN: Colorado, Idaho, Montana, Utah, Wyoming. FAR WEST: Alaska, California, Hawaii, Nevada, Oregon, Washington.

TABLE 23.—AVERAGE ANNUAL SALARIES OF INSTRUCTIONAL STAFF BY STATE, SELECTED SCHOOL YEARS, 1962-63 THROUGH 1972-73

State	School year								Percent change, 1972-73 over 1971-72
	1962-63	1964-65	1966-67	1968-69	1969-70	1970-71	1971-72	1972-73[a]	
1	2	3	4	5	6	7	8	9	10
50 states and D.C.	$5,921	$6,465	$7,129	$ 8,272	$ 9,047	$ 9,698	$10,213	$10,643	4.2
Alabama	4,100	4,870	5,800	6,159	6,954	7,525	7,887	8,262	4.8
Alaska	7,517	8,450	9,392	10,887	10,993	14,025	14,584	15,176	4.1
Arizona	6,400	6,850	7,430	8,465	8,975	9,550	10,200	10,863	6.5
Arkansas	3,773	4,360	5,113	6,244	6,461	6,715	7,092	7,613	7.3
California	7,400	8,300	9,000	10,138	10,950	11,650	12,330	12,700	3.0
Colorado	5,750	6,340	6,824	7,523	8,105	9,152	9,744	10,280	5.5
Connecticut	6,757	7,286	7,959	8,900	9,597	10,600	10,800	11,200	3.7
Delaware	6,450	7,191	7,804	8,678	9,387	10,157	10,902	11,100	1.8
Florida	5,647	6,177	7,085	8,511	8,785	9,230	9,435	9,740	3.2
Georgia	4,707	5,200	6,075	7,200	7,520	8,010	8,252	8,644	4.8
Hawaii	6,070	6,244	7,910	8,300	9,600	10,475	10,500	10,900	3.8
Idaho	4,925	5,354	6,012	6,581	7,081	7,393	7,621	8,058	5.7
Illinois	6,535	6,881	7,525	9,100	9,789	10,500	10,961	11,564	5.5
Indiana	6,219	6,783	7,663	8,704	9,239	9,914	10,287	10, 00	0.1
Iowa	5,312	5,859	6,531	8,075	8,779	9,395	9,933	10,564	6.4
Kansas	5,238	5,707	6,270	7,217	7,811	8,248	8,580	8,839	3.0
Kentucky	4,531	4,935	5,680	6,824	7,325	7,623	7,648	8,150	6.6
Louisiana	5,250	6,026	6,598	7,104	7,264	8,570	9,047	9,388	3.8
Maine	4,853	5,336	5,950	7,288	8,059	8,650	9,051	9,277	2.5
Maryland	6,439	6,980	7,547	9,269	9,885	10,670	11,128	11,787	5.9
Massachusetts	6,200	7,160	7,550	8,709	9,347	10,244	10,844	11,200	3.3
Michigan	6,444	6,972	7,650	9,492	10,125	11,408	12,092	12,400	2.5
Minnesota	5,975	6,601	7,050	8,100	9,250	10,300	10,800	11,115	2.9
Mississippi	3,674	4,249	4,707	5,910	5,959	6,202	6,741	7,145	6.0
Missouri	5,413	5,773	6,307	7,390	8,064	8,492	8,934	9,329	4.4
Montana	5,250	5,750	6,300	7,255	7,875	8,437	8,514	8,908	4.6
Nebraska	4,880	5,150	5,800	7,077	7,633	8,400	8,746	9,080	3.8
Nevada	6,215	7,161	7,786	8,733	9,615	9,990	10,600	11,472	8.2
New Hampshire	5,093	5,545	6,207	7,268	8,016	8,650	8,704	9,313	7.0
New Jersey	6,510	6,933	7,647	8,775	9,650	10,560	11,220	11,750	4.7
New Mexico	5,947	6,395	6,740	7,609	8,125	8,400	8,512	8,600	1.0
New York	7,200	8,000	8,500	9,500	11,240	11,730	12,810	13,450	5.0
North Carolina	5,049	5,230	5,869	7,053	7,762	7,948	8,819	9,314	5.6
North Dakota	4,425	5,043	5,515	6,524	6,840	7,489	7,848	8,362	6.5
Ohio	5,950	6,176	6,782	7,913	8,594	9,040	9,161	9,800	7.0
Oklahoma	5,257	5,312	6,103	6,739	7,257	7,690	7,900	8,200	3.8
Oregon	6,205	6,622	7,274	8,589	9,200	9,416	9,857	9,949	0.9
Pennsylvania	5,840	6,420	7,181	8,223	8,899	9,639	10,411	11,000	5.7
Rhode Island	6,140	6,550	6,975	8,178	9,030	9,587	10,262	10,800	5.2
South Carolina	4,231	4,540	5,421	6,108	7,069	7,300	7,660	8,310	8.5
South Dakota	4,320	4,735	5,000	6,200	7,200	7,561	7,800	8,034	3.0
Tennessee	4,329	4,941	5,755	6,621	7,187	7,695	8,154	8,450	3.6
Texas	5,470	5,611	6,075	6,853	7,598	8,423	8,755	9,029	3.1
Utah	5,350	6,188	6,780	7,377	8,049	8,465	8,850	8,990	1.6
Vermont	5,000	5,529	6,200	7,545	8,225	8,603	8,959	9,110	1.7
Virginia	5,032	5,570	6,342	7,576	8,364	8,892	9,417	9,842	4.5
Washington	6,360	6,808	7,597	8,861	9,792	10,427	10,673	11,100	4.0
West Virginia	4,946	5,804	5,917	6,820	7,954	7,980	8,425	8,505	0.9
Wisconsin	5,940	6,357	6,954	8,345	9,150	9,850	10,400	10,812	4.0
Wyoming	5,840	6,135	6,635	7,827	8,496	9,037	9,611	9,900	3.0

[a]Estimated by NEA Research.

TABLE 24.—AVERAGE ANNUAL SALARIES OF INSTRUCTIONAL STAFF BY STATE, SELECTED SCHOOL YEARS, 1962-63 THROUGH 1972-73 (Index: 1962-63 = 100.0)

State	School year							
	1962-63	1964-65	1966-67	1968-69	1969-70	1970-71	1971-72	1972-73
1	2	3	4	5	6	7	8	9
50 states and D.C.	100.0	109.2	120.4	139.7	152.8	163.8	172.5	179.7
Alabama	100.0	118.8	141.5	150.2	169.6	183.5	192.4	201.5
Alaska	100.0	112.4	124.9	144.8	146.2	186.6	194.0	201.9
Arizona	100.0	107.0	116.1	132.3	140.2	149.2	159.4	169.7
Arkansas	100.0	115.6	135.5	165.5	171.2	178.0	188.0	201.8
California	100.0	112.2	121.6	137.0	148.0	157.4	166.6	171.6
Colorado	100.0	110.3	118.7	130.8	141.0	159.2	169.5	178.8
Connecticut	100.0	107.8	117.8	131.7	142.0	156.9	159.8	165.8
Delaware	100.0	111.5	121.0	134.5	145.5	157.5	169.0	172.1
Florida	100.0	109.4	125.5	150.7	155.6	163.4	167.1	172.5
Georgia	100.0	110.5	129.1	153.0	159.8	170.2	175.3	183.6
Hawaii	100.0	102.9	130.3	136.7	158.2	172.6	173.0	179.6
Idaho	100.0	108.7	122.1	133.6	143.8	150.1	154.7	163.6
Illinois	100.0	105.3	115.1	139.2	149.8	160.7	167.7	177.0
Indiana	100.0	109.1	123.2	140.0	148.6	159.4	165.4	165.6
Iowa	100.0	110.3	122.9	152.0	165.3	176.9	187.0	198.9
Kansas	100.0	109.0	119.7	137.8	149.1	157.5	163.8	168.7
Kentucky	100.0	108.9	125.4	150.6	161.7	168.2	168.8	179.9
Louisiana	100.0	114.8	125.7	135.3	138.4	163.2	172.3	178.8
Maine	100.0	110.0	122.6	150.2	166.1	178.2	186.5	191.2
Maryland	100.0	108.4	117.2	144.0	153.5	165.7	172.8	183.1
Massachusetts	100.0	115.5	121.8	140.5	150.8	165.2	174.9	180.6
Michigan	100.0	108.2	118.7	147.3	157.1	177.0	187.6	192.4
Minnesota	100.0	110.5	118.0	135.6	154.8	172.4	180.8	186.0
Mississippi	100.0	115.7	128.1	160.9	162.2	168.8	183.5	194.5
Missouri	100.0	106.7	116.5	136.5	149.0	156.9	165.0	172.3
Montana	100.0	109.5	120.0	138.2	150.0	160.7	162.2	169.7
Nebraska	100.0	105.5	118.9	145.0	156.4	172.1	179.2	186.1
Nevada	100.0	115.2	125.3	140.5	154.7	160.7	170.6	184.6
New Hampshire	100.0	108.9	121.9	142.7	157.4	169.8	170.9	182.9
New Jersey	100.0	106.5	117.5	134.8	148.2	162.2	172.3	180.5
New Mexico	100.0	107.5	113.3	127.9	136.6	141.2	143.1	144.6
New York	100.0	111.1	118.1	131.9	156.1	162.9	177.9	186.8
North Carolina	100.0	103.6	116.2	139.7	153.7	157.4	174.7	184.5
North Dakota	100.0	114.0	124.6	147.4	154.6	169.2	177.4	189.0
Ohio	100.0	103.8	114.0	133.0	144.4	151.9	154.0	164.7
Oklahoma	100.0	101.0	116.1	128.2	138.0	146.3	150.3	156.0
Oregon	100.0	106.7	117.2	138.4	148.3	151.7	158.9	160.3
Pennsylvania	100.0	109.9	123.0	140.8	152.4	165.1	178.3	188.4
Rhode Island	100.0	106.7	113.6	133.2	147.1	156.1	167.1	175.9
South Carolina	100.0	107.3	128.1	144.4	167.1	172.5	181.0	196.4
South Dakota	100.0	109.6	115.7	143.5	166.7	175.0	180.6	186.0
Tennessee	100.0	114.1	132.9	152.9	166.0	177.8	188.4	195.2
Texas	100.0	102.6	111.1	125.3	138.9	154.0	160.1	165.1
Utah	100.0	115.7	126.7	137.9	150.4	158.2	165.4	168.0
Vermont	100.0	110.6	124.0	150.9	164.5	172.1	179.2	182.2
Virginia	100.0	110.7	126.0	150.6	166.2	176.7	187.1	195.6
Washington	100.0	107.0	119.4	139.3	154.0	163.9	167.8	174.5
West Virginia	100.0	97.1	119.6	137.9	160.8	161.3	170.3	172.0
Wisconsin	100.0	107.0	109.4	131.3	143.9	154.9	163.6	170.1
Wyoming	100.0	105.1	113.6	134.0	145.5	154.7	164.6	169.5

TABLE 25.—PERCENT DISTRIBUTION OF ESTIMATED ANNUAL SALARIES PAID TEACHERS, 1952-53 THROUGH 1972-73

School year	Below $3,500	$3,500–4,499	$4,500–5,499	$5,500–6,499	$6,500–7,499	$7,500–8,499	$8,500–9,499	$9,500–10,499	$10,500–11,499	$11,500–12,499	$12,500–13,499	$13,000 or more
1	2	3	4	5	6	7	8	9	10	11	12	13
1952-53	62.0	25.0	13.0[a]	...	...	...	...	...	...	...	...	...
1953-54	55.8	26.6	17.6[a]	...	...	...	...	...	...	...	...	...
1954-55	48.5	29.2	22.3[a]	...	...	...	...	...	...	...	...	...
1955-56	42.6	31.4	26.0[a]	...	...	...	...	...	...	...	...	...
1956-57	35.0	33.0	32.0[a]	...	...	...	...	...	...	...	...	...
1957-58	25.6	33.5	40.9[a]	...	...	...	...	...	...	...	...	...
1958-59	17.0	31.7	26.7	15.7	8.9[b]	...	...	...	...	...	...	...
1959-60	12.8	29.7	28.2	17.4	11.9[b]	...	...	...	...	...	...	...
1960-61	9.2	26.0	27.2	19.3	10.9	7.4[c]	...	...	...	...	...	...
1961-62	5.7	20.9	28.9	22.6	12.9	9.0[c]	...	...	...	...	...	...
1962-63	4.3	17.7	28.0	23.4	14.5	8.1	4.0[d]	...	...	...	...	...
1963-64	2.7	14.2	28.6	24.2	15.1	9.0	6.3[d]	...	...	...	...	...
1964-65	1.6	11.9	27.0	24.7	16.6	10.1	5.5	2.6[e]	...	...	...	...
1965-66	0.8	8.0	22.7	26.8	19.1	11.5	6.6	4.5[f]	...	...	...	...
1966-67	0.3	4.1	19.7	26.7	19.8	13.2	8.6	4.5	3.1[f]	...	...	...
1967-68	(2.1[g])		11.5	25.5	22.0	15.3	10.5	6.6	6.5[f]	...	...	...
1968-69	(6.9[h])			18.1	24.5	18.1	13.4	8.6	6.0	4.3[i]	...	...
1969-70	(2.9[h])			13.2	20.5	19.7	14.4	11.4	7.7	10.3	...	...
1970-71	(1.5[h])			7.2	15.6	18.8	15.6	12.5	9.4	6.3	6.2	6.5
1971-72	(19.9[j])					17.5	16.5	12.4	10.2	7.5	6.0	9.6
1972-73	(16.4[j])					16.6	1. 0	13.3	10.4	9.0	6.8	10.5

[a] $4,500 or more; detailed breakdown not available.
[b] $6,500 or more; detailed breakdown not available.
[c] $7,500 or more; detailed breakdown not available.
[d] $8,500 or more; detailed breakdown not available.
[e] $9,500 or more; detailed breakdown not available.
[f] $10,500 or more; detailed breakdown not available.
[g] Breakdown below $4,500 not computed.
[h] Breakdown below $5,500 not computed.
[i] $11,500 or more; detailed breakdown not available.
[j] Breakdown below $7,500 not computed.

TABLE 26.—AVERAGE SALARIES PAID TEACHERS, BY REGION, 1963-64 TO 1972-73

Year	New England	Mideast	Southeast	Great Lakes	Plains	Southwest	Rocky Mountain	Far West[a]	Total, all regions
1	2	3	4	5	6	7	8	9	10
1963-64	$6,326	$ 6,818	$4,874	$ 6,236	$5,429	$5,496	$5,641	$ 7,041	$5,995
1964-65	6,583	6,928	5,039	6,417	5,662	5,580	5,864	7,462	6,195
1965-66	6,798	7,185	5,333	6,722	5,879	6,033	6,159	7,760	6,485
1966-67	7,087	7,475	5,797	7,096	6,202	6,089	6,377	8,154	6,830
1967-68	7,478	8,065	6,281	7,977	6,717	6,632	6,674	8,731	7,423
1968-69	8,007	8,679	6,826	8,458	7,326	6,832	7,048	9,301	7,952
1969-70	8,694	9,655	7,319	9,137	7,947	7,401	7,632	10,015	8,635
1970-71	9,427	10,264	7,738	9,836	8,641	8,191	8,224	10,659	9,269
1971-72	9,848	10,962	8,164	10,176	8,980	8,492	8,699	11,058	9,705
1972-73[b]	10,207	11,557	8,554	10,599	9,322	8,880	9,045	11,395	10,114
				INDEX: 1963-64 = 100.0					
1963-64	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1964-65	104.1	101.6	103.4	102.9	104.3	101.5	104.0	106.0	103.3
1965-66	107.5	105.4	109.4	107.8	108.3	109.8	109.2	110.2	108.2
1966-67	112.0	109.6	118.9	113.8	114.2	110.8	113.0	115.8	113.9
1967-68	118.2	118.3	128.9	127.9	123.7	120.7	118.3	124.0	123.8
1968-69	126.6	127.3	140.0	135.6	134.9	124.3	124.9	132.1	132.6
1969-70	137.4	141.6	150.2	146.2	146.4	134.7	135.3	142.2	144.0
1970-71	149.0	150.5	158.8	157.7	159.2	149.0	145.8	151.4	154.6
1971-72	155.7	160.8	167.5	163.2	165.4	154.5	154.2	157.1	161.9
1972-73	161.3	169.5	175.5	170.0	171.7	160.1	160.3	161.8	168.7

[a]Excludes Alaska and Hawaii.
[b]Advance estimates.

TABLE 27.—MEAN SALARIES PAID TEACHERS AND CERTAIN OTHER PUBLIC-SCHOOL PERSONNEL, NATIONAL ESTIMATES 1962-63 TO 1970-71

Period	Average salary paid					Index: 1962-63 = 100.0				
	1962-63	1964-65	1966-67	1968-69	1970-71	1962-63	1964-65	1966-67	1968-69	1970-71
1	2	3	4	5	6	7	8	9	10	11
Teachers	$ 5,732	$ 6,195	$ 6,830	$ 7,952	$ 9,269	100.0	108.1	119.2	138.7	161.7
Supervising principals (total)	8,193	9,138	10,211	12,165	15,197	100.0	111.5	124.6	148.5	185.5
Elementary school	7,972	8,903	9,957	11,957	15,126	100.0	111.7	124.9	150.0	189.7
Junior high school	9,176	10,253[a]	11,226[a]	13,032[a]	15,808	100.0	111.7	122.3	142.0	172.3
Senior high school	8,473	9,457	10,507	12,348	15,042	100.0	111.6	124.0	145.7	177.5
Counselors	7,390	8,058	8,630	10,279	12,051	100.0	109.0	116.8	139.1	163.1
School librarians	6,145	6,721	7,006	8,400	9,806	100.0	109.4	114.0	136.7	159.6
School nurses	5,650	6,215	6,664	7,292	8,634	100.0	110.0	117.9	129.1	152.8
Superintendents	10,186	11,227	12,975	15,131	17,680	100.0	110.2	127.4	148.5	173.6

[a]Mean salaries of junior high-school principals are higher than those of senior high-school principals because junior high schools tend to be found in the large school systems where salaries of principals generally are relatively higher than in small districts.

NOTE: Salaries for teachers from *Estimates of School Statistics*, various years. Salaries for all other positions shown from *Biennial Salary Survey*, various years. Data for 1972-73 not available at press time.

TABLE 28.—MEAN SALARIES PAID CENTRAL-OFFICE ADMINISTRATIVE AND SUPERVISORY PERSONNEL, SCHOOL SYSTEMS WITH ENROLLMENTS OF 12,000 OR MORE, 1962-63 TO 1970-71

Position	Average salary paid					Index: Salary paid teachers = 100.0				
	1962-63	1964-65	1966-67	1968-69	1970-71[b]	1962-63	1964-65	1966-67	1968-69	1970-71[b]
1	2	3	4	5	6	7	8	9	10	11
TEACHERS[a]	$ 6,263	$ 6,669	$ 7,428	$ 8,520	$ 9,761	100.0	100.0	100.0	100.0	100.0
CENTRAL-OFFICE ADMINISTRATORS										
Superintendents	18,911	20,372	22,693	25,794	29,102	301.9	305.5	305.5	302.7	298.1
Deputy, associate, or assistant superintendents	14,737	15,849	17,378	20,001	22,197[c]	235.3	237.7	234.0	234.8	227.4
Administrative assistant to the superintendent	11,046	12,174	13,866	15,799	18,323	176.4	182.5	186.7	185.4	187.7
General administration officers for:										
Employed personnel	11,017	12,005	13,346	15,355	17,462	175.9	180.0	179.7	180.2	178.9
Research	10,799	12,207	13,017	15,148	16,996	172.4	183.0	175.2	177.8	174.1
Food services	8,272	8,981	9,676	11,215	12,622	132.1	134.7	130.3	131.6	129.3
Health services	8,892	11,754	11,906	12,969	12,775	142.0	176.2	160.3	152.2	130.9
Community relations	[d]	11,463	12,328	13,988	16,426	[d]	171.9	166.0	164.2	168.3
Pupil transportation	[d]	8,741	9,776	11,448	12,649	[d]	131.1	131.6	134.4	129.6
Administrators for finance, business, and school plant:										
General finance[e]	10,664	12,122	13,167	15,045	17,797	170.3	181.8	177.3	176.6	182.3
Purchasing	8,651	9,775	10,471	11,803	13,699	138.1	146.6	141.0	138.5	140.3
Accounting and auditing	[d]	9,417	10,350	11,916	13,786	[d]	141.2	139.3	139.9	141.2
Building, operation and maintenance	8,835	9,728	10,550	12,122	13,838	141.1	145.9	142.0	142.3	141.8
Building, planning and construction	10,199	11,306	12,238	14,208	16,409	162.8	169.5	164.8	166.8	168.1
Officers for instructional administration:										
General instruction	9,630	11,830	12,696	14,820	17,636	153.8	177.4	170.9	173.9	180.7
Elementary education	9,605	10,998	11,795	13,835	15,925	153.4	164.9	158.8	162.4	163.1
Secondary education	10,262	12,044	12,152	14,621	17,997	163.9	180.6	163.6	171.6	184.4
Adult education	10,539	11,600	12,476	14,756	16,866	168.3	173.9	168.0	173.2	172.8
Special education	8,269	10,922	11,605	13,686	15,513	132.0	163.8	156.2	160.6	158.9
Library services	10,305	10,005	10,921	12,689	14,130	164.5	150.0	147.0	148.9	144.8
Instructional materials, and audio-visual instruction	9,140	10,699	11,754	13,435	15,654	145.9	160.4	158.2	157.7	160.4
Administrators for special subject areas:										
Art	9,329	10,318	11,198	13,195	15,435	149.0	154.7	150.8	154.9	158.1
Home economics	9,751	10,823	11,806	13,553	15,391	155.7	162.3	158.9	159.1	157.7
Industrial arts	10,075	11,351	12,444	14,451	16,816	160.9	170.2	167.5	169.6	172.3
Music	9,045	10,263	11,341	13,145	15,107	144.4	153.9	152.7	154.3	154.8
Physical and health education	9,886	10,833	11,855	13,739	15,868	157.8	162.4	159.6	161.3	162.6
Vocational education	9,727	10,995	12,177	14,045	16,263	155.3	164.9	163.9	164.8	166.6
Mathematics and/or science	9,797	10,453	11,535	13,562	15,457	156.4	156.7	155.3	159.2	158.4
Foreign languages	[d]	10,339	11,684	13,578	16,214	[d]	155.0	157.3	159.4	166.1
Administrators for pupil personnel services:										
General pupil personnel services	9,808	11,306	12,465	14,371	14,844	156.6	169.5	167.8	168.7	152.1
Attendance	8,662	9,154	10,542	12,172	17,635	138.3	137.3	141.9	142.9	180.7
Guidance	9,024	10,849	12,471	13,572	15,362	144.1	162.7	167.9	159.3	157.4

[a] Salaries shown here are average salaries of teachers in systems with enrollments of 12,000 or more.
[b] No later data available.
[c] For assistant superintendents only.
[d] Not computed.
[e] Includes controller, business manager, treasurer, and other positions in general finance not elsewhere classified.

TABLE 29.–MEDIAN ANNUAL SALARIES OF INSTRUCTIONAL PERSONNEL AND ADMINISTRATIVE OFFICERS, COLLEGES AND UNIVERSITIES, 1957-58 TO 1971-72

Position	1957-58	1959-60	1961-62	1963-64	1965-66	1967-68	1969-70	1971-72
1	2	3	4	5	6	7	8	9
Instructional personnel–all degree-granting institutions								
Full-time, all ranks	$ 6,015	$ 6,711	$ 7,486	$ 8,163	$ 9,081	$10,235	$11,745	$12,932
Professors	8,072	9,107	10,256	11,312	12,953	14,713	16,799	18,091
Associate professors	6,563	7,332	8,167	8,969	10,058	11,393	12,985	13,958
Assistant professors	5,595	6,231	6,900	7,539	8,417	9,472	10,698	11,511
Instructors	4,562	5,095	5,582	6,114	6,761	7,458	8,357	9,347
Administrative officers								
President	12,407	13,827	15,375	17,330	19,638	22,303	25,979	29,750
Vice-president	12,013	14,154	16,000	17,130	19,012	21,458	23,250	26,313
Dean of the college	8,411	10,723	12,230	13,644	15,703	16,141	19,125	19,975
Dean of students	7,610	8,796	9,592	10,694	12,027	14,086	16,050	17,830
Dean of men	6,658	7,280	8,202	9,144	9,783	10,983	12,319	13,490
Dean of women	6,006	6,638	7,399	8,216	9,209	10,289	11,406	12,448
Dean of admissions	6,728	7,680	8,636	9,572	10,364	11,446	12,983	14,280
Registrar	6,032	6,340	7,312	8,142	9,123	10,366	11,743	13,108
Business manager	7,518	8,536	9,405	10,512	11,780	14,914	17,615	19,419
Chief librarian	6,134	7,078	8,163	8,883	10,225	11,817	13,439	14,891
Director of public relations	6,420	7,194	7,659	8,440	9,596	10,823	12,764	14,652
Director of athletics	7,292	8,104	8,930	9,871	11,125	12,470	14,311	15,821
Head football coach	7,077	7,824	8,554	9,321	10,716	11,488	13,395	14,591
Head basketball coach	6,382	6,888	7,700	8,542	9,383	10,485	11,779	13,208
	INDEX: 1957-58 = 100.0							
Instructional personnel–all degree-granting institutions								
Full-time, all ranks	100.0	111.6	124.5	135.7	151.0	170.2	195.3	215.0
Professors	100.0	112.8	127.1	140.1	160.5	182.3	208.1	224.1
Associate professors	100.0	111.7	124.4	136.7	153.3	173.6	197.9	212.7
Assistant professors	100.0	111.4	123.3	134.7	150.4	169.3	191.2	205.7
Instructors	100.0	111.7	122.4	134.0	148.2	163.5	183.2	204.9
Administrative officers								
President	100.0	111.4	123.9	139.7	158.3	179.8	209.4	239.8
Vice-president	100.0	117.8	133.2	142.6	158.3	178.6	193.5	219.0
Dean of the college	100.0	127.5	145.4	162.2	186.7	191.9	227.4	237.5
Dean of students	100.0	115.6	126.0	140.5	158.0	185.1	210.9	234.3
Dean of men	100.0	109.3	123.2	137.3	146.9	165.0	185.0	202.6
Dean of women	100.0	110.5	123.2	136.8	153.3	171.3	189.9	207.3
Dean of admissions	100.0	114.1	128.4	142.3	154.0	170.1	193.0	212.2
Registrar	100.0	105.1	121.2	135.0	151.2	171.8	194.7	217.3
Business manager	100.0	113.5	125.1	139.8	156.7	198.4	234.3	258.3
Chief librarian	100.0	115.4	133.1	144.8	166.7	192.6	219.1	242.8
Director of public relations	100.0	112.1	119.3	131.5	149.5	168.6	198.8	228.2
Director of athletics	100.0	111.1	122.5	135.4	152.6	171.0	196.3	217.0
Head football coach	100.0	110.6	120.9	131.7	151.4	162.3	189.3	206.2
Head basketball coach	100.0	107.9	120.7	133.8	147.0	164.3	184.6	207.0

TABLE 30.—AVERAGE SALARY OF FULL-TIME INSTRUCTIONAL FACULTY IN INSTITUTIONS OF HIGHER EDUCATION, BY LEVEL OF INSTITUTION, RANK AND SEX, 1972-73

(All institutions, 50 States and D.C.)

	Average salary											
	All institutions			Universities			Other 4-year institutions			2-year institutions		
Rank	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Total—all ranks	$13,813	$14,360	$11,901	$15,301	$15,869	$12,410	$13,059	$13,493	$11,638	$12,553	$12,890	$11,868
Professors	18,916	19,127	16,978	20,792	20,967	18,199	17,131	17,203	16,622	16,231	16,544	15,122
Associate professors .	14,354	14,472	13,748	14,983	15,072	14,359	13,833	13,953	13,291	14,426	14,459	14,327
Assistant professors .	12,046	12,232	11,450	12,464	12,602	11,901	11,741	11,960	11,086	12,181	12,259	12,015
Instructors	10,662	11,005	10,143	9,779	10,031	9,454	9,462	9,605	9,273	11,959	12,327	11,301
INDEX: AVERAGE SALARY OF TOTAL STAFF = 100.0												
Total—all ranks	100.0	104.0	86.2	100.0	103.7	81.1	100.0	103.3	89.1	100.0	102.7	94.5
Professors	100.0	101.1	89.8	100.0	100.8	87.5	100.0	100.4	97.0	100.0	101.9	93.2
Associate professors .	100.0	100.8	95.8	100.0	100.6	95.8	100.0	100.9	96.1	100.0	100.2	99.3
Assistant professors .	100.0	101.5	95.1	100.0	101.1	95.5	100.0	101.9	94.4	100.0	100.6	98.6
Instructors	100.0	103.2	95.1	100.0	102.6	96.7	100.0	101.5	98.0	100.0	103.1	94.5

SOURCES: U.S. Department of Health, Education, and Welfare, Office of Education, National Center for Educational Statistics, 1973 preliminary data. Indexes computed by NEA Research.

TABLE 31.—MEDIAN SALARIES PAID TO FULL-TIME TEACHERS IN PUBLIC JUNIOR COLLEGES, 1955-56 TO 1971-72

	Median salary	
School year	Dollar amount	Index—1955-56 equals 100.0
1	2	3
1955-56	$ 5,470	100.0
1957-58	6,261	114.5
1959-60	6,578	120.3
1961-62	7,212	131.8
1963-64	7,828	143.1
1965-66	8,361	152.9
1967-68	9,165	167.6
1969-70	10,850	198.4
1971-72	11,952	218.5

TABLE 32.–MEAN SCHEDULED SALARIES OF TEACHERS BY PREPARATION LEVEL, 1962-63 THROUGH 1972-73 (Reporting school systems with enrollments of 6,000 or more)

Preparation level	School year										Percent change, 1972-73 over 1971-72
	1962-63	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	
1	2	3	4	5	6	7	8	9	10	11	12
Number of reporting systems[a]	557	1,063	1,071	1,104	1,080	1,199	1,142	1,176	1,179	1,240	...
Mean scheduled salary for:											
Minimum											
Bachelor's degree	$4,331	$4,707	$4,925	$5,144	$ 5,522	$ 5,941	$ 6,383	$ 6,850	$ 7,061	$ 7,357	4.2
Master's degree	4,680	5,085	5,350	5,600	6,043	6,546	7,058	7,599	7,837	8,176	4.3
Six years (M.A.+30)	5,310	5,705	5,900	6,151	6,585	7,154	7,673	8,266	8,501	8,878	4.4
Doctor's degree[b]	5,417	5,723	6,057	6,350	6,882	7,471	8,070	8,712	8,943	9,402	5.1
Maximum											
Bachelor's degree	6,426	6,937	7,262	7,590	8,133	8,690	9,278	10,012	10,299	10,768	4.6
Master's degree	7,054	7,723	8,167	8,578	9,248	9,981	10,717	11,630	11,973	12,563	4.9
Six years (M.A.+30)	8,236	8,975	9,385	9,808	10,399	11,273	12,002	12,975	13,308	13,928	4.7
Doctor's degree[b]	8,199	8,917	9,452	9,936	10,751	11,602	12,452	13,461	13,805	14,562	5.5
INDEX RELATIONSHIP (BACHELOR'S DEGREE MINIMUM = 100.0)											
Mean scheduled salary for:											
Minimum											
Bachelor's degree	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Master's degree	108.1	108.0	108.6	108.9	109.4	110.2	110.6	110.9	111.0	111.1	...
Six years (M.A.+30)	122.6	121.2	119.8	119.6	119.3	120.4	120.2	120.7	120.4	120.7	...
Doctor's degree[b]	125.1	121.6	123.0	123.4	124.6	125.8	126.4	127.2	126.7	127.8	...
Maximum											
Bachelor's degree	148.4	147.4	147.5	147.6	147.3	146.3	145.4	146.2	145.9	146.4	...
Master's degree	162.9	164.1	165.8	166.8	167.5	168.0	167.9	169.8	169.6	170.8	...
Six years (M.A.+30)	190.2	190.7	190.6	190.7	188.3	189.7	188.0	189.4	188.5	189.3	...
Doctor's degree[b]	189.3	189.4	191.9	193.2	194.7	195.3	195.1	196.5	195.5	197.9	...

[a] Not all systems report all preparation salary classes.
[b] For earned doctor's degree or seven years of preparation.

TABLE 33.–COMPARISON OF MEAN SCHEDULED SALARIES FOR TEACHERS, 1962-63 THROUGH 1972-73, BY ENROLLMENT STRATIFICATION (Reporting systems with enrollments of 6,000 or more)

School year and enrollment	Number of reporting systems[a]	Mean scheduled salary					
		Bachelor's degree		Master's degree		Six years (M.A. + 30)	Doctor's degree (or 7 years)
		Minimum	Maximum	Minimum	Maximum	Maximum	Maximum
1	2	3	4	5	6	7	8
STRATUM 1–ENROLLMENT 100,000 OR MORE							
1962-63	19	$4,701	$ 7,183	$5,057	$ 7,800	$ 8,556	$ 8,542
1963-64	19	4,847	7,472	5,213	8,084	8,837	8,866
1964-65	21	4,897	7,742	5,254	8,344	9,340	9,211
1965-66	24	5,199	8,342	5,624	9,018	9,532	9,932
1966-67	24	5,362	8,575	5,848	9,355	9,973	10,426
1967-68	25	5,848	9,192	6,413	10,117	10,770	11,381
1968-69	25	6,297	9,862	6,900	10,891	11,793	12,342
1969-70	26	6,874	10,549	7,540	11,821	12,761	13,147
1970-71	27	7,237	11,252	7,936	12,687	13,551	14,021
1971-72	27	7,503	11,684	8,215	13,170	14,028	14,371
1972-73	27	7,745	12,149	8,471	13,719	14,625	15,034
Percent increase, 1972-73 over 1971-72	...	3.2	4.0	3.1	4.2	4.3	4.6
STRATUM 2–ENROLLMENT 50,000-99,999							
1962-63	41	$4,496	$ 6,896	$ 4,839	$ 7,406	$ 8,584	$ 8,283
1963-64	46	4,586	6,997	4,934	7,555	8,603	8,490
1964-65	48	4,730	7,207	5,080	7,840	8,581	8,759
1965-66	47	4,964	7,450	5,346	8,209	8,817	9,077
1966-67	49	5,268	7,971	5,712	8,892	9,852	9,975
1967-68	53	5,573	8,325	6,069	9,341	10,230	10,477
1968-69	54	5,940	8,843	6,482	9,924	10,869	11,358
1969-70	52	6,363	9,398	6,972	10,676	11,642	12,037
1970-71	53	6,821	10,073	7,506	11,543	12,541	13,209
1971-72	54	6,957	10,244	7,649	11,734	12,830	13,327
1972-73	53	7,231	10,751	7,958	12,285	13,451	13,808
Percent increase, 1972-73 over 1971-72	...	3.9	4.9	4.0	4.7	4.8	3.6

STRATUM 3—ENROLLMENT 25,000-49,999							
1962-63	67	$4,362	$ 6,479	$4,683	$ 7,088	$ 8,019	$ 8,041
1963-64	71	4,569	6,824	4,925	7,522	8,467	8,520
1964-65	72	4,737	7,112	5,121	7,920	9,000	8,921
1965-66	79	4,986	7,436	5,388	8,366	9,344	9,573
1966-67	83	5,222	7,773	5,681	8,754	9,747	9,957
1967-68	90	5,617	8,292	6,139	9,417	10,494	10,840
1968-69	89	6,008	8,807	6,612	10,073	11,159	11,465
1969-70	93	6,408	9,263	7,064	10,651	11,814	12,084
1970-71	103	6,890	10,155	7,665	11,715	13,009	13,373
1971-72	99	7,116	10,424	7,939	12,131	13,388	13,743
1972-73	99	7,377	10,834	8,230	12,607	14,036	14,308
Percent increase, 1972-73 over 1971-72	...	3.7	3.9	3.7	3.9	4.8	4.1
STRATUM 4—ENROLLMENT 12,000-24,999							
1962-63	198	$4,361	$ 6,436	$4,702	$ 7,068	$ 8,213	$ 8,143
1963-64	242	4,594	6,764	4,974	7,480	8,708	8,460
1964-65	266	4,726	6,966	5,099	7,755	9,112	8,805
1965-66	300	4,909	7,183	5,330	8,076	9,516	9,313
1966-67	289	5,127	7,541	5,582	8,521	9,871	9,734
1967-68	303	5,538	8,113	6,065	9,233	10,493	10,666
1968-69	324	5,971	8,713	6,580	10,045	11,375	11,648
1969-70	307	6,420	9,313	7,132	10,853	12,237	12,633
1970-71	318	6,893	10,090	7,675	11,776	13,074	13 579
1971-72	316	7,120	10,383	7,911	12,150	13,482	13,994
1972-73	343	7,395	10,825	8,230	12,711	14,105	14,770
Percent increase, 1972-73 over 1971-72	...	3.9	4.3	4.0	4.6	5.8	5.5
STRATUM 5—ENROLLMENT 6,000-11,999							
1962-63	232	$4,238	$ 6,256	$4,599	$ 6,907	$ 8,249	$ 8,254
1963-64	540	4,537	6,678	4,928	7,458	8,648	8,690
1964-65	656	4,689	6,861	5.070	7,660	8,933	8,970
1965-66	621	4,911	7,222	5,344	8,148	9,361	9,523
1966-67	659	5,124	7,525	5,581	8,529	9,777	10,007
1967-68	609	5,483	8,060	6,001	9,187	10,335	10,772
1968-69	707	5,906	8,612	6,514	9,912	11,248	11,584
1969-70	664	6,344	9,204	7,010	10,624	11,914	12,446
1970-71	675	6,811	9,899	7,547	11,513	12,929	13,408
1971-72	683	7,017	10,192	7,787	11,840	13,214	13,741
1972-73	718	7,331	10,682	8,148	12,462	13,831	14,556
Percent increase, 1972-73 over 1971-72	...	4.5	4.8	4.6	5.3	7.0	5.9

[a]Not all systems recognize all preparation levels.

TABLE 34.–COMPARISON OF MEAN SCHEDULED SALARIES FOR TEACHERS, 1962-63 THROUGH 1972-73, BY ENROLLMENT STRATIFICATION (Reporting systems with enrollments of 6,000 or more)

School year and enrollment	Number of reporting systems[a]	Mean scheduled salary					
		Bachelor's degree		Master's degree		Six years (M.A. +30)	Doctor's degree (or 7 years)
		Minimum	Maximum	Minimum	Maximum	Maximum	Maximum
1	2	3	4	5	6	7	8
		INDEX: 1962-63 = 100.0					
STRATUM 1							
1962-63	19	100.0	100.0	100.0	100.0	100.0	100.0
1963-64	19	103.1	104.0	103.1	103.6	103.3	103.8
1964-65	21	104.2	107.8	103.9	107.0	109.2	107.8
1965-66	24	110.6	116.1	111.2	115.6	111.4	116.3
1966-67	24	114.1	119.4	115.6	119.9	116.6	122.1
1967-68	25	124.4	128.0	126.8	129.7	125.9	133.2
1968-69	25	134.0	137.3	136.4	139.6	137.8	144.5
1969-70	26	146.2	146.9	149.1	151.6	149.1	153.9
1970-71	27	153.9	156.6	156.9	162.7	158.4	164.1
1971-72	27	159.6	162.7	162.4	168.8	166.1	168.2
1972-73	27	164.8	169.1	167.5	175.9	170.9	176.0
STRATUM 2							
1962-63	41	100.0	100.0	100.0	100.0	100.0	100.0
1963-64	46	102.0	101.5	102.0	102.0	100.2	102.5
1964-65	48	105.2	104.5	105.0	105.9	100.0	105.7
1965-66	47	110.4	108.0	110.5	110.8	102.7	109.6
1966-67	49	117.2	115.6	118.0	120.1	114.8	120.4
1967-68	53	124.0	120.7	125.4	126.1	119.2	126.5
1968-69	54	132.1	128.2	134.0	134.0	126.6	137.1
1969-70	52	141.5	136.3	144.1	144.2	135.6	145.3
1970-71	53	151.7	146.1	155.1	155.9	146.1	159.5
1971-72	54	154.7	148.5	158.1	158.4	149.5	160.9
1972-73	53	160.8	155.9	164.5	165.9	156.7	166.7

STRATUM 3							
1962-63	67	100.0	100.0	100.0	100.0	100.0	100.0
1963-64	71	104.7	105.3	105.2	106.1	105.6	106.0
1964-65	72	108.6	109.8	109.4	111.7	112.2	110.9
1965-66	79	114.3	114.8	115.1	118.0	116.5	119.1
1966-67	83	119.7	120.0	121.3	123.5	121.5	123.8
1967-68	90	128.8	128.0	131.1	132.9	130.9	134.8
1968-69	89	137.7	135.9	141.2	142.1	139.2	142.6
1969-70	93	146.9	143.0	150.8	150.3	147.3	150.3
1970-71	103	158.0	156.7	163.7	165.3	162.2	166.3
1971-72	99	163.1	160.9	169.5	171.1	167.0	170.9
1972-73	99	169.1	167.2	175.7	177.9	175.0	177.9
STRATUM 4							
1962-63	198	100.0	100.0	100.0	100.0	100.0	100.0
1963-64	242	105.3	105.1	105.8	105.8	106.0	103.9
1964-65	266	108.4	108.2	108.4	109.7	110.9	108.1
1965-66	300	112.6	111.6	113.4	114.3	115.9	114.4
1966-67	289	117.6	117.2	118.7	120.6	120.2	119.5
1967-68	303	127.0	126.1	129.0	130.6	127.8	131.0
1968-69	324	136.9	135.4	139.9	142.1	138.5	143.0
1969-70	307	147.2	144.7	151.7	153.6	149.0	155.1
1970-71	318	158.1	156.8	163.2	166.6	159.2	166.8
1971-72	316	163.3	161.3	168.2	171.9	164.2	171.9
1972-73	343	169.6	168.2	175.0	179.8	171.7	181.4
STRATUM 5							
1962-63	232	100.0	100.0	100.0	100.0	100.0	100.0
1963-64	540	107.1	106.7	107.2	108.0	104.8	105.3
1964-65	656	110.6	109.7	110.2	110.9	108.3	108.7
1965-66	621	115.9	115.4	116.2	118.0	113.5	115.4
1966-67	659	120.9	120.3	121.4	123.5	118.5	121.2
1967-68	609	129.4	128.8	130.5	133.0	125.3	130.5
1968-69	707	139.4	137.7	141.6	143.5	136.4	140.3
1969-70	664	149.7	147.1	152.4	153.8	144.4	150.8
1970-71	675	160.7	158.2	164.1	166.7	156.7	162.4
1971-72	683	165.6	162.9	169.3	171.4	160.2	166.5
1972-73	718	173.0	170.7	177.2	180.4	167.7	176.4

[a]Not All systems recognize all preparation levels.

TABLE 35.--1972-73 MEAN AND MEDIAN SCHEDULED SALARIES FOR CLASSROOM TEACHERS, BY GEOGRAPHIC REGION, REPORTING SYSTEMS WITH ENROLLMENTS OF 6,000 OR MORE (STRATA 1-5,

Preparation level	New England	Mideast	Southeast	Great Lakes	Plains	Southwest	Rocky Mountain	Far West	Total, all regions
1	2	3	4	5	6	7	8	9	10
Number of systems reporting	77	196	334	197	86	93	41	216	1,240
Percent of total	6.2	15.8	26.9	15.9	6.9	7.5	3.3	17.4	99.9
Bachelor's degree minimum									
Mean	$ 7,798	$ 8,135	$ 6,773	$ 7,774	$ 7,197	$ 6,731	$ 6,726	$ 7,471	$ 7,357
Median	7,783	8,100	6,732	7,700	7,250	6,700	6,850	7,418	7,300
Range:									
Low	6,600	6,600	5,814	6,200	6,275	6,000	5,800	6,250	5,800
High	8,875	9,500	8,008	9,571	7,850	7,600	7,850	10,500	14,500
Master's degree maximum									
Mean	13,584	14,832	10,173	14,106	13,033	10,760	11,848	13,150	12,563
Median	13,567	14,700	10,282	13,857	12,886	10,590	11,542	13,131	12,667
Range:									
Low	11,289	10,933	7,355	10,044	9,850	8,450	9,085	10,383	7,355
High	16,650	18,943	17,122	17,655	16,480	15,147	14,915	16,905	18,943
Maximum scheduled salary for highest preparation level recognized									
Mean	15,010	16,466	11,211	15,278	14,656	11,458	13,193	15,154	13,933
Median	14,850	16,075	11,304	15,165	14,588	10,921	13,012	15,195	14,095
Range:									
Low	12,462	11,600	7,355	10,044	10,240	8,600	9,085	10,533	7,355
High	19,170	22,103	18,919	19,993	19,950	16,294	18,055	21,000	22,103
INDEX--MEAN SCHEDULED SALARY FOR ALL REGIONS = 100.0									
Bachelor's degree minimum	105.99	110.57	92.05	105.66	97.82	91.48	91.42	101.55	100.00
Master's degree maximum	108.12	118.05	80.97	112.28	103.73	85.64	94.30	104.67	100.00
Maximum for highest preparation level recognized	107.73	118.18	80.46	109.65	105.19	82.23	94.69	108.76	100.00

TABLE 36.—MEAN MINIMUM SCHEDULED SALARIES FOR TEACHERS WITH A BACHELOR'S DEGREE, BY REGION, 1965-66 TO 1972-73

(Reporting Systems with Enrollments of 6,000 or More)

School year	New England	Mid-east	South-east	Great Lakes	Plains	South-west	Rocky Mountain	Far West	Total, all regions
1	2	3	4	5	6	7	8	9	10
1965-66	$5,119	$5,222	$4,280	$5,135	$4,991	$4,740	$4,887	$5,438	$4,923
1966-67	5,329	5,423	4,609	5,355	5,151	4,860	5,023	5,645	5,145
1967-68	5,680	5,756	5,034	5,759	5,549	5,329	5,250	5,953	5,523
1968-69	6,117	6,285	5,411	6,287	6,058	5,506	5,580	6,321	5,941
1969-70	6,633	6,779	5,817	6,753	6,478	6,030	5,95	6,720	6,383
1970-71	7,182	7,307	6,210	7,262	6,924	6,532	6,328	7,062	6,850
1971-72	7,431	7,723	6,482	7,463	7,102	6,638	6,577	7,205	7,061
1972-73	7,798	8,135	6,773	7,774	7,197	6,731	6,726	7,471	7,357
Percent increase, 1972-73 over 1971-72	4.9	5.3	4.5	4.2	1.3	1 4	2.3	3.7	4.2
INDEX: 1965-66 = 100.0									
1965-66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1966-67	104.1	103.8	107.7	104.3	103.2	102.5	102.8	103.8	104.5
1967-68	111.0	110.2	117.6	112.2	111.2	112.4	107.4	109.5	112.2
1968-69	119.5	120.4	126.4	122.4	121.4	116.2	114.2	116.2	120.7
1969-70	129.6	129.8	135.9	131.5	129.8	127.2	121.8	123.6	129.7
1970-71	140.3	139.9	145.1	141.4	138.7	137.8	129.5	129.9	139.1
1971-72	145.2	147.9	151.4	145.3	142.3	140.0	134.6	132.5	143.4
1972-73	152.3	155.8	158.2	151.4	144.2	142.0	137.6	137.4	149.4

TABLE 37.–MEAN MAXIMUM SCHEDULED SALARIES FOR TEACHERS AND FOR SUPERVISORY AND ADMINISTRATIVE PERSONNEL[a], 1963-64 TO 1971-72, LARGE SCHOOL SYSTEMS
(Reporting Systems with Enrollments of 25,000 or More)

Position	School year									Percent change, 1971-72 over 1970-71
	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	
1	2	3	4	5	6	7	8	9	10	11
Teachers[b]	$ 8,213	$ 8,611	$ 9,025	$ 9,788	$10,530	$11,254	$12,274	$13,317	$13,650	2.5
Supervising personnel assigned to individual buildings										
Supervising principals										
Elementary	11,345	11,732	12,499	13,295	14,378	15,428	16,657	18,113	18,656	3.0
Junior high	11,981	12,301	13,115	14,058	15,120	16,289	17,521	19,195	19,771	3.0
Senior high	12,682	13,256	14,062	14,973	16,188	17,408	18,751	20,462	21,089	3.1
Assistant principals										
Elementary	10,129	10,649	11,316	12,027	12,825	13,596	14,742	16,274	16,742	2.9
Junior high	10,419	10,820	11,460	12,120	13,207	14,128	14,988	16,664	17,087	2.5
Senior high	10,770	11,298	11,889	12,656	13,776	14,766	15,806	17,400	17,794	2.3
Counselors	9,183	9,421	10,314	10,960	11,844	12,525	13,484	14,584	15,263	4.7
Deans	10,061	10,278	11,170	11,764	12,911	14,009	14,596	15,450	16,236	5.1
Central-office administrators										
Supervisors	12,286	11,756	12,469	13,572	14,492	15,716	16,684	18,152	18,835	3.8
Consultants and/or coordinators	10,924	11,774	12,227	13,938	15,094	16,140	17,523	18,947	19,340	2.1
Directors	13,520	14,184	14,853	16,011	17,061	18,252	19,581	21,393	21,990	2.8
Assistant superintendents	16,669	17,675	18,415	19,246	20,466	21,746	22,929	24,613	25,674	4.3
Superintendents[c]	22,522	23,538	24,909	26,017	27,360	28,772	30,398	32,511	34,050	4.7
	(MEAN MAXIMUM SALARY FOR CLASSROOM TEACHERS = 100.0)									
Teachers	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Supervising personnel assigned to individual buildings										
Supervising principals										
Elementary	138.1	136.2	138.5	135.8	136.5	137.1	135.7	136.0	136.7	...
Junior high	145.9	142.9	145.3	143.6	143.6	144.7	142.7	144.1	144.8	...
Senior high	154.4	153.7	155.8	153.0	153.7	154.7	152.6	153.7	154.5	...
Assistant principals										
Elementary	123.3	123.7	125.4	122.9	121.8	120.8	120.1	122.2	122.7	...
Junior high	126.9	125.7	127.0	123.8	125.4	125.5	122.1	125.1	125.2	...
Senior high	131.1	131.2	131.7	129.3	130.8	131.2	128.8	130.7	130.4	...
Counselors	111.8	109.4	114.3	112.0	112.5	111.3	109.9	109.5	111.8	...
Deans	122.5	119.4	123.8	120.2	122.6	124.5	118.9	116.0	118.9	...
Central-office administrators										
Supervisors	149.6	136.5	138.2	138.7	137.6	139.6	135.9	136.3	138.0	...
Consultants and/or coordinators	133.0	136.7	135.5	142.4	143.3	143.4	142.8	142.3	141.7	...
Directors	164.6	164.7	164.6	163.6	162.0	162.2	159.5	160.6	161.1	...
Assistant superintendents	203.0	205.3	204.0	196.6	194.4	193.2	186.8	184.8	188.1	...
Superintendents	274.2	273.3	276.0	265.8	259.8	255.7	247.7	244.1	149.5	...

[a]Data not available for 1972-73 for administrative and supervisory personnel.
[b]Maximum for highest preparation level recognized.
[c]Contract salary.

TABLE 38.—MEAN SCHEDULED MINIMUM AND MAXIMUM SALARIES OF PUBLIC AND NONPUBLIC DEGREE-GRANTING INSTITUTIONS, 1965-66 TO 1971-72

Position	Scheduled minimum salaries						Percent increase, 1971-72 over 1970-71	Scheduled maximum salaries						Percent increase, 1971-72 over 1970-71
	1965-66	1967-68	1968-69	1969-70	1970-71	1971-72		1965-66	1967-68	1968-69	1969-70	1970-71	1971-72	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Instructors														
Public	$5,975	$ 6,621	$ 6,871	$ 7,397	$ 7,854	$ 8,124	3.4	$ 8,090	$ 9,248	$ 9,579	$10,407	$11,154	$11,327	1.6
Nonpublic	5,616	5,961	6,316	6,640	6,958	7,211	3.6	7,236	7,678	8,181	8,586	9,062	9,478	4.6
Assistant Professors														
Public	6,972	7,797	8,180	8,727	9,273	9,600	3.5	9,615	11,137	11,779	12,815	13,733	14,109	2.7
Nonpublic	6,603	7,003	7,406	7,794	8,184	8,447	3.2	8,610	9,252	9,953	10,520	11,092	11,614	4.7
Associate professors														
Public	8,351	9,440	9,950	10,676	11,299	11,684	3.4	11,574	13,405	14,255	15,653	16,678	17,120	2.7
Nonpublic	7,721	8,267	8,787	9,230	9,658	10,028	3.8	10,212	10,973	11,825	12,439	13,089	13,734	4.9
Professors														
Public	9,990	11,525	12,099	12,999	13,783	14,201	3.0	14,584	16,221	17,171	19,015	20,426	21,238	4.0
Nonpublic	9,137	9,856	10,487	11,051	11,465	11,919	4.0	12,640	13,491	14,497	15,365	16,036	16,798	4.8

SOURCE: National Education Association—Research. *Faculty Salary Schedules in Colleges and Universities, 1970-71.* Research Report 1972-R10. Washington, D.C.: the Association, 1972. 39 p.

TABLE 39.–MEAN SCHEDULED MINIMUM AND MAXIMUM SALARIES, PUBLIC JUNIOR COLLEGES, 1965-66 THROUGH 1971-72

(For schedules based on preparation level)

Preparation level, full-time teaching staff	School year						Percent change, 1971-72 over 1970-71
	1965-66	1967-68	1968-69	1969-70	1970-71	1971-72	
1	2	3	4	5	6	7	8
Bachelor's degree:							
Minimum	$ 5,492	$ 6,096	$ 6,395	$ 7,075	$ 7,377	$ 7,531	2.1
Maximum	7,889	8,850	9,151	10,442	11,042	11,253	1.9
Master's degree:							
Minimum	6,023	6,744	7,076	7,767	8,147	8,374	2.8
Maximum	8,971	10,031	10,484	11,568	12,284	12,612	2.7
Six years (M.A.+30):							
Minimum	6,535	7,380	7,908	8,541	8,939	9,194	2.9
Maximum	9,795	11,142	11,892	12,764	13,531	18,890	2.7
Doctor's degree:							
Minimum	7,246	8,380	8,800	9,674	10,198	10,408	2.1
Maximum	10,769	12,202	12,760	14,088	15,129	15,541	2.7
INDEX: B.A. MINIMUM = 100.0							
Bachelor's degree:							
Minimum	100.0	100.0	100.0	100.0	100.0	100.0	...
Maximum	143.6	145.2	143.1	147.6	149.7	149.4	...
Master's degree:							
Minimum	109.7	110.6	110.6	109.8	110.4	111.2	...
Maximum	163.3	164.5	163.9	163.5	166.5	167.5	...
Six years (M.A.+30):							
Minimum	119.0	121.1	123.7	120.7	121.2	122.1	...
Maximum	178.4	182.8	186.0	180.4	183.4	184.4	...
Doctor's degree:							
Minimum	131.9	137.5	137.6	136.7	138.2	138.2	...
Maximum	196.1	200.2	199.5	199.1	205.1	206.4	...

SOURCE: National Education Association–Research. *Faculty Salary Schedules in Community-Junior Colleges, 1971-72.* Research Report 1972-R9. Washington, D.C.: the Association, 1972.

TABLE 40.–MEAN SCHEDULED SALARIES FOR FULL-TIME TEACHING STAFF, PUBLIC JUNIOR COLLEGES, 1965-66 THROUGH 1971-72 (For schedules based on professorial rank)

Professorial rank, full-time teaching staff	School year						Percent change, 1971-72 over 1970-71
	1965-66	1967-68	1968-69	1969-70	1970-71	1971-72	
1	2	3	4	5	6	7	8
Instructor:							
Mean minimum scheduled salary	$ 5,928	$ 6,607	$ 7,070	$ 7,571	$ 8,115	$ 8,172	0.7
Mean maximum scheduled salary	8,152	8,943	9,851	10,551	11,390	11,803	3.6
Assistant professor:							
Mean minimum scheduled salary	6,863	7,763	8,254	8,921	9,510	9,615	1.1
Mean maximum scheduled salary	9,539	10,761	11,616	12,529	13,466	13,872	3.0
Association Professor:							
Mean minimum scheduled salary	7,939	9,016	9,663	10,531	11,262	11,459	1.7
Mean maximum scheduled salary	10,954	12,440	13,644	14,771	15,805	16,240	2.8
Professor:							
Mean minimum scheduled salary	9,251	10,606	11,387	12,434	13,276	13,568	2.2
Mean maximum scheduled salary	12,667	14,699	16,054	17,363	18,486	19,169	3.7

SOURCE: National Education Association–Research. *Faculty Salary Schedules in Community-Junior Colleges, 1971-72.* Research Report 1972-R9. Washington, D.C.: the Association, 1972.

III. SALARIES OF THE TEACHING PROFESSION COMPARED WITH OTHER OCCUPATIONS

COMPARISONS OF SALARIES of the instructional staffs of public elementary and secondary schools, junior colleges, and colleges and universities with salaries of other groups of comparable workers are difficult to make. No governmental or private agency has published, over an extended period of years, continuing figures which are comparable with those available for the teaching profession. Continuing earnings series are available for production workers, employees in manufacturing, and the like, but no distinction is made in them between professional and nonprofessional employees.

Another difficulty arises from the fact that no two professions are directly comparable in preparation required, responsibilities, and the like. It would be ideal, of course, to compare salaries of the teaching profession with earnings of other professional workers in general, rather than with any single profession. However, there is no generally agreed-upon list of the professions, and no available information on "professional earnings" as such.

Tables 41 through 86 provide available information on the comparative earnings of the teaching profession with other professions and occupational groups. The data in these tabulations are in terms of annual salaries.

Mean and Median Annual Salaries Paid

Salaries of teachers and of other members of the instructional staff normally are quoted in terms of the school year, September through June. To make them readily comparable with January to December salaries of most other nonteaching groups for whom data are available, it is necessary to convert school salaries to a calendar-year basis. This is done by adding 8/12 of the salary for one school year, January through August, to 4/12 of the salary for the following school year, September through December.

Table 41 compares the average annual earnings of public-school teachers (on a calendar-year basis) with the average annual earnings of all persons working for wages and salaries in all industries, with employees in manufacturing, and with civilian employees in the federal government for the years 1950 through 1971.

Even though very few of the total employees in manufacturing could be classified as professional workers, it was not until 1967 that the mean salary of teachers exceeded that of employees in manufacturing. However, the average salary of teachers increased 85.0 percent from 1960 to 1971 while the average salary of all employees in manufacturing increased 61.7 percent during the same period. Table 41 also presents these data converted to an index, with annual earnings of teachers as the base of the reference equal to 100.0

Table 42 compares the annual earnings of teachers with nonsupervisory employees in selected nonagricultural industries for 1960 to 1971.

In 1959, the U.S. Bureau of Labor Statistics began a series of studies on salaries paid in certain professional, administrative, technical, and clerical occupations. Table 43 summarizes these data for selected years between 1961 and 1972, and shows an index relationship for these salaries with 1961 as the base year. Table 43-A shows annual percents of increase for some of these occupations as well as increases in teachers' salaries.

Tables 44 to 47 show annual salary data for engineers for recent years by field of employment, by region, by years of experience since graduation, and by level of education.

Table 48 gives the median annual salaries of scientists by technical field biennially between 1960 and 1970, and an index using 1960 as the base year. Table 49 shows the median salaries of scientists in 1970 by sex and by technical field.

Tables 50 and 51 summarize median salaries paid scientists and engineers in research and development by degree level and by field of highest degree held for 1969 through 1971.

Average earnings of full-time employees of state and local governments are shown in Tables 52 to 56 by position and by state for recent years.

Table 57 gives the median salaries of selected positions in state education associations (affiliates of NEA) for the years 1964-65 through 1972-73.

The current U.S. Classified Civil Service schedule which became effective in January 1973 is shown in Table 58.

Table 59 gives *average* salaries of federal civil service employees for various years compared with the average salaries of teachers.

Table 60 presents the New York State salary schedule for classified service state personnel for 1972.

Tables 61 shows mean salaries of engineering technicians and nonprofessional scientific personnel classified by type of position and by type of employment for the most recent years available.

Annual Salaries Paid, By Sex of Worker

In Tables 62 through 70 annual salary data for various full-time workers are shown on the basis of sex of the worker. Table 62 shows median annual earnings from 1960 through 1971 of male full-time workers 14 years of age and over; Table 63 presents the same information for female workers. This series is published annually by the U.S. Bureau of the Census in its Consumer Income Series and includes major professional and nonprofessional occupation groups.

Median earnings of year-round workers are shown in Table 64, classified by sex of worker for metropolitan and non-metropolitan areas for 1959 and 1969. No later information is available.

Median annual earnings of women workers as a percent of median earnings of male workers for selected occupational groups are shown in Table 65 for the years 1960 through 1971. In spite of the rapid increase in the total number of women workers in the labor force in the last decade, there has been little change in the ratio of their earnings to those of men workers.

Table 66 shows total money income of year-round full-time workers in 1971 by sex and years of school completed. Table 67 presents similar earnings data for men and women classified on a regional basis.

Mean annual salaries of professional scientific and technical personnel in the federal government are shown in Table 68 for total employees by occupational group and for men and women employees separately for 1967, 1968, and 1969. In the last mentioned year, mean salaries of men scientists and engineers were 21.6 percent higher than mean salaries for women in this category. For the positions shown in the tabulation, the mean salaries of men exceeded those of women in every case, ranging from 0.6 percent to 65.5 percent higher. No later information is available.

Tables 69 and 70 show the average salaries paid librarians by type of library and highest degree held.

Beginning Salaries

Tables 71 through 86 contain information on starting salaries paid college graduates in various occupational groups and for various levels of degrees conferred, and starting salaries for policemen and firemen in urban areas.

Frank S. Endicott, Director of Placement, Emeritus, at Northwestern University, annually surveys the employment of college and university male graduates by business companies which have campus recruitment programs. He reports on salaries offered in November to men who will graduate the following June with bachelor's and master's degrees, and then the following year revises the data based on offers to show salaries that were finally actually paid.

Endicott also compiles starting salaries for women graduates with bachelor's degrees. He points out, however, that most of the companies reporting on the employment of women graduates do not have campus recruitment programs, but hire women by direct application. Tables 71 through 73 present trend data from the Endicott surveys.

The average starting salary of teachers compared with starting salaries for men and women college graduates in other occupations are shown in Table 64 for recent years. The index relationship between the starting salary for teachers and that for other occupations is also included.

The College Placement Council of Bethlehem, Pennsylvania, publishes data on average beginning salaries offered men and women graduates with bachelor's and master's degrees, and to a limited extent, on salaries offered graduates with doctor's degrees. The information is collected from college placement officers. Tables 74 through 77 summarize available information from the College Placement Bureau. These tables, like those from the Endicott studies are self-explanatory.

Median annual starting salaries for inexperienced graduates in chemistry and chemical engineering are shown in Table 78. At the bachelor's degree level, salaries are shown separately for men and women graduates in chemistry, but not for the master's and doctor's degrees. Median starting salaries for men and women chemists in 1972 classified by type of employer are shown in Table 79.

Beginning salaries for teachers with a bachelor's degree in private independent schools is shown in Table 80 for selected years since 1964-65 together with the range of starting salaries for respondents in 1972-73.

Minimum salaries (Step 1) of federal classified employees are shown in Table 81 for 1962 through January 1973. An index relationship to 1962 is also given. Table 82 compares increases in beginning salaries for federal civilian employees with those of teachers between 1965 and 1973.

Table 83 shows average minimum and maximum salaries for policemen and firemen, compared

with minimum and maximum salaries paid teachers from 1966 to 1972 in cities with a population of 100,000 or more.

Table 84 shows a percent distribution of minimum salaries paid policemen and firemen in 1972 by size of city and by region.

In Tables 85 and 86 median salaries paid beginning professional public librarians in 1971 are shown, classified by region and size of community where employed. Salaries paid beginning librarians in the South were lower than in any other region; highest salaries were in the West.

TABLE 41.–AVERAGE ANNUAL EARNINGS OF PUBLIC-SCHOOL TEACHERS AND CERTAIN OTHER OCCUPATIONAL GROUPS, 1950-1971

Calendar Year Basis

Calendar year	Average annual earnings				Index: Teachers = 100.0			
	Public-school teachers	Wage and salary workers–all industries	Employees in manufacturing	Civilian employees of federal government	Public-school teachers	Wage and salary workers–all industries	Employees in manufacturing	Civilian employees of federal government
1	2	3	4	5	6	7	8	9
1950	$2,823	$3,008	$3,300	$3,503	100.0	106.6	116.9	124.1
1951	3,123	3,231	3,606	3,777	100.0	103.5	115.5	120.9
1952	3,357	3,414	3,828	4,034	100.0	101.7	114.0	120.2
1953	3,519	3,587	4,049	4,226	100.0	101.9	115.1	120.1
1954	3,746	3,670	4,116	4,320	100.0	98.0	109.9	115.3
1955	3,907	3,847	4,351	4,595	100.0	98.5	111.4	117.6
1956	4,116	4,036	4,584	4,808	100.0	98.1	111.4	116.8
1957	4,350	4,205	4,781	4,971	100.0	96.7	109.9	114.3
1958	4,646	4,346	4,939	5,514	100.0	93.5	106.3	118.7
1959	4,863	4,558	5,215	5,682	100.0	93.7	107.2	116.8
1960	5,088	4,707	5,342	5,946	100.0	92.5	105.0	116.9
1961	5,355	4,843	5,509	6,285	100.0	90.4	102.9	117.4
1962	5,587	5,065	5,730	6,450	100.0	90.7	102.6	115.4
1963	5,820	5,243	5,920	6,792	100.0	90.1	101.7	116.7
1964	6,062	5,503	6,196	7,267	100.0	90.8	102.2	119.9
1965	6,292	5,710	6,389	7,614	100.0	90.8	101.5	121.0
1966	6,600	5,967	6,643	7,841	100.0	90.4	100.7	118.8
1967	7,028	6,230	6,880	7,985	100.0	88.6	97.9	113.6
1968	7,599	6,657	7,347	8,746	100.0	87.6	96.7	115.1
1969	8,180	7,098	7,775	9,424	100.0	86.8	95.0	115.2
1970	8,846	7,571	8,155	10,519	100.0	85.6	92.2	118.9
1971	9,414	8,061	8,638	11,503	100.0	85.6	91.8	122.2

SOURCES: Column 2 calculated on calendar-year basis by NEA Research. Columns 3, 4, and 5 from U.S. Department of Commerce, Office of Business Economics. Figures for 1950 through 1955 from *U.S. Income and Output*, a supplement to the *Survey of Current Business, 1959*, Table VI–15, p. 213. Figures for 1956 through 1969 from *Survey of Current Business*, various issues.

Indexes in columns 6 through 9 computed by NEA Research.

NOTE: It was not until 1967 that average earnings of teachers passed earnings of employees in manufacturing most of whom are nonprofessional workers. Civilian employees of the federal government have had higher average earnings than teachers at least since 1950.

TABLE 42.–AVERAGE ANNUAL EARNINGS OF PUBLIC-SCHOOL TEACHERS AND NONSUPERVISORY EMPLOYEES IN SELECTED INDUSTRIES, 1960 TO 1971

Industry	Calendar years										Percent increase, 1971 over 1970
	1960	1962	1964	1965	1966	1967	1968	1969	1970	1971	
1	2	3	4	5	6	7	8	9	10	11	12
Teachers (calendar year basis)	$5,088	$5,587	$ 6,062	$ 6,292	$ 6,600	$ 7,028	$ 7,599	$ 8,180	$ 8,846	$ 9,414	6.4
All industries, total	4,707	5,065	5,499	5,710	5,967	6,230	6,657	7,098	7,571	8,061	6.5
Agriculture, forestry, and fisheries	1,738	1,728	1,893	2,053	2,260	2,434	2,633	2,952	3,274	3,475	6.1
Mining	5,685	6,017	6,521	6,785	7,134	7,556	7,964	8,619	9,275	9,854	6.2
Contract construction	5,488	5,846	6,332	6,595	7,033	7,417	7,953	8,615	9,295	9,909	6.6
Manufacturing–total	5,342	5,730	6,196	6,389	6,643	6,880	7,347	7,775	8,155	8,638	5.9
Food and kindred products	4,900	5,220	5,658	5,807	6,049	6,317	6,687	7,079	7,575	8,038	6.1
Printing and publishing	5,610	5,909	6,317	6,505	6,767	6,993	7,362	7,843	8,267	8,743	5.8
Chemicals and allied products	6,321	6,852	7,361	7,552	7,849	8,136	8,600	9,147	9,747	10,427	7.0
Petroleum refining and related industries	6,950	7,490	7,984	8,277	8,598	8,967	9,468	10,189	10,686	11,471	7.3
Electrical machinery	5,699	6,105	6,528	5,807	6,049	6,317	7,507	7,960	8,491	9,003	6.0
Primary metal products	6,341	6,824	7,317	7,545	7,833	7,873	8,464	9,000	9,219	9,839	6.7
Machinery, except electrical	6,025	6,515	7,069	7,284	7,635	7,830	8,304	8,879	9,274	9,743	5.1
Transportation equipment[a]	6,625	7,204	7,831	7,994	8,303	8,477	8,861	9,405	9,945	10,330	3.9
Motor vehicles and equipment	6,558	7,144	7,866	8,243	8,328	8,475	9,595	9,747	9,986	11,283	13.0
Transportation	5,928	6,638	7,161	7,485	7,785	8,129	8,676	9,321	9,928	10,877	9.6
Communication	5,642	5,895	6,435	6,617	6,864	7,041	7,500	7,984	8,397	9,082	8.2
Finance, insurance and real estate	4,840	5,410	5,851	6,055	6,347	6,717	7,235	7,680	8,036	8,577	6.7
Banking	4,689	5,053	5,400	5,568	5,784	6,044	6,406	6,818	7,278	7,651	5.1
Security and commodity brokers	8,358	9,355	10,549	11,548	12,807	14,698	16,122	15,098	14,355	17,553	22.3
Government and government enterprises	4,783	4,993	5,474	5,717	5,938	6,222	6,717	7,187	7,964	8,598	8.0
Federal civilian	5,946	6,450	7,267	7,614	7,841	7,985	8,746	9,424	10,519	11,503	9.4
State and local	4,827	5,017	5,370	5,616	5,906	6,324	6,796	7,231	7,818	8,316	6.4

INDEX: 1960 = 100.0

Teachers	100.0	109.8	119.1	123.7	129.7	138.1	149.4	160.8	173.9	185.0	...
All industries, total	100.0	107.6	116.8	121.3	126.8	132.4	141.4	150.8	160.8	171.3	...
Agriculture, forestry, and fisheries	100.0	99.4	108.9	118.1	130.0	140.0	151.5	169.8	188.4	199.9	...
Mining	100.0	105.8	114.7	119.3	125.5	132.9	140.1	151.6	163.1	173.3	...
Contract construction	100.0	106.5	115.4	120.2	128.2	135.1	144.9	157.0	169.4	180.6	...
Manufacturing—total	100.0	107.3	116.0	119.6	124.4	128.8	137.5	145.5	152.7	161.7	...
Food and kindred products	100.0	106.5	115.5	118.5	123.4	128.9	136.5	144.5	154.6	164.0	...
Printing and publishing	100.0	105.3	112.6	116.0	120.6	124.7	131.2	139.8	147.4	155.8	...
Chemicals and allied products	100.0	108.4	116.5	119.5	124.2	128.7	136.1	144.7	154.2	165.0	...
Petroleum refining and related industries	100.0	107.8	114.9	119.1	123.7	129.0	136.2	146.6	153.8	165.0	...
Electrical machinery	100.0	107.1	115	101.9	106.1	110.8	131.7	139.7	149.0	158.0	...
Primary metal products	100.0	107.6	115.4	119.0	123.5	124.2	133.5	141.9	145.4	155.2	...
Machinery, except electrical	100.0	108.1	117.3	120.9	126.7	130.0	137.8	147.4	153.9	161.7	...
Transportation equipment[a]	100.0	108.7	118.2	120.7	125.3	128.0	133.8	142.0	150.1	155.9	...
Motor vehicles and equipment	100.0	108.9	119.9	125.7	127.0	129.2	146.3	148.6	152.3	172.0	...
Transportation	100.0	112.0	120.8	126.3	131.3	137.1	146.4	157.2	167.5	183.5	...
Communication	100.0	104.5	114.1	117.3	121.7	124.8	132.9	141.5	148.8	161.0	...
Finance, insurance and real estate	100.0	111.8	120.9	125.1	131.1	138.8	149.5	158.7	166.0	177.2	...
Banking	100.0	107.8	115.2	118.7	123.4	128.9	136.6	145.4	155.2	163.2	...
Security and commodity brokers	100.0	111.9	126.2	138.2	153.2	175.9	192.9	180.6	171.8	210.0	...
Government and government enterprises	100.0	106.6	116.9	122.1	126.8	132.9	143.4	153.5	170.1	183.6	...
Federal civilian	100.0	108.5	122.2	128.1	131.9	134.3	147.1	158.5	176.9	193.5	...
State and local	100.0	103.9	111.2	116.3	122.4	131.0	140.8	149.8	162.0	172.3	...

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, various issues. Salaries for teachers from NEA Research.

[a]Except motor vehicles.

TABLE 43.–MEAN ANNUAL SALARIES[a] FOR SELECTED PROFESSIONAL OCCUPATIONS IN PRIVATE INDUSTRY, 1961-1972

Occupation and classification[b]	1961	1964	1966	1968	1969	1970	1971	1972	Percent change, 1972 over 1971
1	2	3	4	5	6	7	8	9	10
Accountants and Auditors									
Chief accountants I	$ 9,564	$10,296	$10,800	$12,289	$13,212	$13,917	$14,449	$15,348	6.2
Chief accountants II	...	12,576	12,288	14,135	14,637	15,647	17,191	17,419	1.3
Chief accountants III	...	14,124	15,144	16,577	17,714	18,780	20,897	21,198	1.4
Chief accountants IV[c]	15,012	15,948	17,676	19,046	20,586	23,133	24,597	25,521	3.8
Accountants I	5,736	6,240	6,576	7,451	8,002	8,503	8,975	9,067	1.0
Accountants II	6,324	6,840	7,308	8,277	9,013	9,609	10,213	10,655	4.3
Accountants III	7,200	7,908	8,328	9,367	10,029	10,686	11,383	11,879	4.4
Accountants IV	8,724	9,504	10,116	11,237	11,967	12,755	13,654	14,259	4.4
Accountants V	10,548	11,568	12,336	13,531	14,373	15,477	16,626	17,368	4.5
Auditors I	5,196	5,832	6,408	7,645	8,367	8,894	9,401	9,628	2.4
Auditors II	6,468	7,188	7,740	8,707	9,287	9,955	10,643	10,924	2.6
Auditors III	7,728	8,520	8,904	9,977	10,726	11,475	12,227	12,881	5.3
Auditors IV	9,480	10,284	11,196	12,303	13,125	14,044	15,136	15,823	4.5
Attorneys[d]									
Attorneys I	6,372	7,248	7,668	9,338	11,020	11,859	[e]	13,498	...
Attorneys II	8,136	8,532	9,120	10,293	12,780	13,585	14,345	14,640	2.1
Attorneys III	9,804	10,464	10,980	12,602	15,879	16,884	17,509	18,392	5.0
Attorneys IV	11,604	12,816	14,052	15,283	19,163	20,304	22,178	23,448	5.7
Attorneys V	14,664	16,032	16,728	17,936	23,685	25,391	26,277	27,528	4.8
Attorneys VI	15,336	18,420	20,748	22,152	29,421	33,032	33,375	34,828	4.4
Chemists									
Chemists I	5,772	6,456	7,104	8,061	8,736	9,164	9,688	9,838	1.5
Chemists II	6,684	7,320	7,884	8,931	9,626	10,233	10,776	11,092	2.9
Chemists III	7,716	8,604	9,108	10,187	11,063	11,737	12,459	12,901	3.5
Chemists IV	9,504	10,632	11,448	12,751	13,359	14,218	15,036	15,670	4.2
Chemists V	11,424	12,744	13,740	15,263	16,080	17,066	17,928	18,581	3.6
Chemists VI	13,356	14,748	15,936	17,324	18,529	19,700	20,514	21,277	3.7
Chemists VII	15,456	17,328	18,900	20,561	22,473	22,937	24,520	25,888	5.6
Chemists VIII[f]	18,276	21,084	23,304	25,416	27,092	27,731	29,714	30,827	3.7
Engineers									
Engineers I	6,576	7,344	7,764	9,023	9,662	10,209	10,677	10,921	2.3
Engineers II	7,308	8,004	8,496	9,771	10,455	11,077	11,694	12,071	3.2
Engineers III	8,460	9,204	9,780	10,963	11,701	12,350	13,117	13,682	4.3
Engineers IV	9,984	11,016	11,784	13,095	13,893	14,695	15,535	16,159	4.0
Engineers V	11,520	12,924	13,788	15,223	16,107	17,004	17,979	18,628	3.6
Engineers VI	13,368	14,820	15,828	17,361	18,577	19,471	20,547	21,402	4.2
Engineers VII	16,476	17,652	18,672	20,216	21,199	22,328	23,508	24,367	3.7
Engineers VIII[g]	19,056	20,484	21,636	23,280	24,020	25,393	26,736	27,885	4.3

TABLE 43.–MEAN ANNUAL SALARIES[a] FOR SELECTED PROFESSIONAL OCCUPATIONS IN PRIVATE INDUSTRY, 1961-1972 (Continued)

INDEX: 1961 = 100.0

Occupation and classification[b]	1961	1964	1966	1968	1969	1970	1971	1972
1	2	3	4	5	6	7	8	9
Accountants and Auditors								
Chief accountants I	100.0	107.7	112.9	128.5	138.1	145.5	151.1	160.5
Chief accountants II	...	...	...	...	...	...	...	...
Chief accountants III	...	...	...	...	...	...	...	...
Chief accountants IV	100.0	106.2	117.7	126.9	137.1	154.1	163.8	170.0
Accountants I	100.0	108.8	114.6	129.9	139.5	148.2	156.5	158.1
Accountants II	100.0	108.2	115.6	130.9	142.5	151.9	161.5	168.5
Accountants III	100.0	109.8	115.7	130.1	139.3	148.4	158.1	165.0
Accountants IV	100.0	108.9	116.0	128.8	137.2	146.2	156.5	163.4
Accountants V	100.0	109.7	117.0	128.3	136.3	146.7	157.6	164.7
Auditors I	100.0	112.2	123.3	147.1	161.0	171.2	180.9	185.3
Auditors II	100.0	111.1	119.7	134.6	143.6	153.9	164.5	168.9
Auditors III	100.0	110.2	115.2	129.1	138.8	148.5	158.2	166.7
Auditors IV	100.0	108.5	118.1	129.8	138.4	148.1	159.7	166.9
Attorneys								
Attorneys I	100.0	113.7	120.3	146.5	172.9	186.1	[e]	211.8
Attorneys II	100.0	104.9	112.1	126.5	157.1	167.0	176.3	179.9
Attorneys III	100.0	106.7	112.0	128.5	162.0	172.2	178.6	187.6
Attorneys IV	100.0	110.4	121.1	131.7	165.1	175.0	191.1	202.1
Attorneys V	100.0	109.3	114.1	122.3	161.5	173.2	179.2	187.7
Attorneys VI	100.0	120.1	135.3	144.4	191.8	215.4	217.6	227.1
Chemists								
Chemists I	100.0	111.9	123.1	139.7	151.4	158.8	167.8	170.4
Chemists II	100.0	109.5	118.0	133.6	144.0	153.1	161.2	165.9
Chemists III	100.0	111.5	118.0	132.0	143.4	152.1	161.5	167.2
Chemists IV	100.0	111.9	120.5	134.2	140.6	149.6	158.2	164.9
Chemists V	100.0	111.6	120.3	133.6	140.8	149.4	156.9	162.6
Chemists VI	100.0	110.4	119.3	129.7	138.7	147.5	153.6	159.3
Chemists VII	100.0	112.1	122.3	133.0	145.4	148.4	158.6	167.5
Chemists VIII	100.0	115.4	127.5	139.1	148.2	151.7	162.6	168.7
Engineers								
Engineers I	100.0	111.7	118.1	137.2	146.9	155.2	162.4	166.1
Engineers II	100.0	109.5	116.3	133.7	143.1	151.6	160.0	165.2
Engineers III	100.0	108.8	115.6	129.6	138.3	146.0	155.0	161.7
Engineers IV	100.0	110.3	118.0	131.2	139.2	147.2	155.6	161.8
Engineers V	100.0	112.2	119.7	132.1	139.8	147.6	156.1	161.7
Engineers VI	100.0	110.9	118.4	129.9	139.0	145.7	153.7	160.1
Engineers VII	100.0	107.1	113.3	122.7	128.7	135.5	142.7	147.9
Engineers VIII	100.0	107.5	113.5	122.2	126.0	133.3	140.3	146.3

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics. *National Survey of Professional Administrative, Technical, and Clerical Pay*. Various bulletins.

[a] Straight-time salary corresponding to the employee's normal work schedule, excluding overtime hours.

[b] Developed by Bureau of Labor Statistics, Bureau of the Budget, and Civil Service Commission. Occupational definitions reflect duties and responsibilities in industry; however, they are translatable to specific pay grades in the general schedule for Federal Classification Act employees.

[c] Excludes comptrollers, financial managers, etc., with responsibility for accounting programs who also are responsible for budgeting, work measurement, or similar functions.

[d] Excludes positions not requiring use of full professional legal training.

[e] Not computed; insufficient data.

[f] Excludes chief chemists and assistant chief chemists in large companies with highly diversified or novel programs.

[g] Excludes chief engineers in large companies engaged in complex and diversified research and development.

TABLE 43-A.—ANNUAL PERCENT INCREASES IN AVERAGE SALARIES, 1961 TO 1972

Occupational group	1961 to 1962	1962 to 1963	1963 to 1964	1964 to 1965	1965 to 1966	1966 to 1967	1967 to 1968	1968 to 1969	1969 to 1970	1970 to 1971	1971 to 1972[a]
1	2	3	4	5	6	7	8	9	10	11	12
Classroom teachers[b]	4.3	4.2	4.2	3.8	4.9	6.5	8.1	7.6	8.1	6.4	4.5
Professional administrative and technical support	3.0	3.3	3.4	3.7	3.6	4.2	5.5	5.8	6.2	6.7	4.1
Accountants	2.8	3.3	2.8	3.5	3.8	4.6	5.7	7.0	6.7	6.7	4.2
Auditors	2.9	3.6	3.1	3.9	3.8	4.8	5.5	7.2	7.0	7.0	4.1
Chief accountants	2.6	2.8	4.8	3.9	3.3	5.1	5.5	5.8	7.1	9.1	2.9
Attorneys	3.2	4.6	3.3	4.2	4.0	3.2	5.3	[c]	7.1	5.0	4.6
Job analysts	1.4	2.6	3.5	4.3	5.4	3.4	7.0	2.1	4.1	7.7	5.1
Chemists	3.9	3.8	3.3	3.9	4.8	4.4	5.1	6.5	5.9	5.5	3.8
Engineers	2.6	4.4	2.9	3.2	3.7	4.3	5.4	6.2	5.5	5.7	3.9
Engineering technicians	N.D.	2.9	3.6	2.3	2.8	3.7	5.1	5.8	6.3	6.5	3.8
Clerical and clerical supervisory	2.8	2.6	2.7	2.4	3.0	4.8	5.3	5.5	6.2	6.5	4.6

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics, *National Survey of Professional Administrative, Technical, and Clerical Pay, March 1972*. BLS Bulletin 1764. 1973 Data for teachers' salaries from NEA Research.

[a] The 1971 to 1972 increases (except for teachers) are for the 9-month period, June 1971 to March 1972.

[b] Calendar-year basis.

[c] Comparable data not available for both years.

TABLE 44.–MEDIAN ANNUAL INCOME OF ENGINEERS, BY FIELD OF EMPLOYMENT AND REGION, 1971

Field of employment	1– New England and Middle Atlantic	2– South	3– Midwest	4– Plains	5– Southwest	6– West	Total– all 6 regions
1	2	3	4	5	6	7	8
All fields	$19,750	$18,310	$17,880	$16,810	$17,330	$18,460	$18,210
Industry	19,280	17,710	17,480	16,490	17,230	18,260	17,870
Public utilities	19,440	16,910	17,220	17,910	15,440	18,780	17,410
Federal government	20,480	19,760	18,650	17,870	18,610	18,610	19,180
State governments	17,590	16,400	16,610	14,530	15,560	16,190	16,120
County or municipal governments	18,570	16,380	17,130	15,770	15,460	17,170	16,960
Educational institutions	19,260	19,760	20,530	18,780	19,810	19,240	19,560
Other non-profit organizations	21,000	19,500	17,800	[a]	[a]	19,390	19,190
Consulting firms	20,720	18,790	19,120	17,140	18,580	20,060	19,260
Construction-contractor firms	22,320	21,670	20,950	19,920	20,430	19,970	21,040
	INDEX: ALL REGIONS = 100.0						
All fields	108.5	100.5	98.2	92.3	95.2	101.4	100.0
Industry	107.9	99.1	97.8	92.3	96.4	102.2	100.0
Public utilities	111.7	97.1	98.9	102.9	88.7	107.9	100.0
Federal government	106.8	103.0	97.2	93.2	97.0	97.0	100.0
State governments	109.1	101.7	103.0	90.1	96.5	100.4	100.0
County or municipal governments	109.5	96.6	101.0	93.0	91.2	101.2	100.0
Educational institutions	98.5	101.0	105.0	96.0	101.3	98.4	100.0
Other non-profit organizations	109.4	101.6	92.8	[a]	[a]	101.0	100.0
Consulting firms	107.6	97.6	99.3	89.0	96.5	104.2	100.0
Construction-contractor firms	106.1	103.0	99.6	94.7	97.1	94.9	100.0

SOURCE: National Society of Professional Engineers. *Income and Salary Survey, 1971.* Washington, D.C.: the Society, April 1972. p. 27 and 28.

REGIONS: NEW ENGLAND AND MIDDLE ATLANTIC: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont. SOUTH: Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, Puerto Rico. MIDWEST: Illinois, Indiana, Kentucky, Michigan, Ohio, West Virginia, Wisconsin. PLAINS: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota. SOUTHWEST: Arkansas, Colorado, Louisiana, New Mexico, Oklahoma, Texas, Wyoming, Panama Canal. WEST: Arizona, California, Idaho, Montana, Nevada, Oregon, Utah, Washington, Alaska, Hawaii.

[a]Not computed; too few responses.

TABLE 45.–MEDIAN ANNUAL INCOME OF ENGINEERS, BY FIELD OF EMPLOYMENT, 1960-1971

Field of employment	1960	1962	1964	1967	1969	1971	Percent change, 1971 over 1969
1	2	3	4	5	6	7	8
All fields	$10,660	$11,460	$12,050	$14,310	$16,490	$18,210	10.4
Industry	10,940	11,960	12,450	14,510	16,440	17,870	8.7
Public utilities	10,520	11,380	11,810	13,610	15,300	17,410	13.8
Federal government	10,360	10,850	12,120	13,600	16,730	19,180	14.6
State governments	8,750	9,350	9,970	12,270	14,580	16,120	10.6
County or municipal governments	9,150	9,970	10,740	12,960	15,280	16,960	11.0
Consulting firms	11,040	12,280	12,980	15,460	17,890	19,260	7.7
Construction-contractor firms	12,140	13,450	13,970	16,750	19,000	21,040	10.7
Educational institutions	10,880	11,960	13,040	16,000	18,010	19,560	8.6
Other non-profit organizations	...	...	12,580	14,140	16,200	19,190	18.5

SOURCE: National Society of Professional Engineers, *Income and Salary Survey*, various years, Washington, D.C.: the Society.

TABLE 46.–MEDIAN ANNUAL INCOME OF ENGINEERS, BY LEVEL OF EDUCATION, 1964 TO 1971

Level of education	Median income: 1964	1967	1969	1971	Percent income, 1971 over 1964
1	2	3	4	5	6
All levels	$12,050	$14,310	$16,490	$18,210	51.1
Less than Bachelor's degree	11,850	13,900	15,660	17,080	44.1
Bachelor's degree	11,800	13,960	16,160	17,920	51.9
Master's degree	13,150	15,230	17,470	19,030	44.7
Doctor's degree	16,610	19,310	21,790	22,510	35.5

SOURCE: National Society of Professional Engineers, *Income and Salary Survey*, various years, Washington, D.C.: the Society.

TABLE 47.–MEDIAN EARNINGS OF ENGINEERS BY YEARS OF EXPERIENCE SINCE BACHELOR'S DEGREE, 1953 TO 1972

Years since bachelor's degree	Median earnings 1953	1956	1958	1960	1962	1964	1966	1968	1970	1972	Percent increase, 1972 over 1970
1	2	3	4	5	6	7	8	9	10	11	12
0	$4,050	$ 5,000	$ 5,850	$ 6,300	$ 6,750	$ 7,300	$ 8,350	$ 9,400	$10,500	$10,700	1.9
2	4,600	5,700	6,450	7,100	7,400	8,100	9,000	10,350	11,250	12,000	6.7
4	5,050	6,350	7,000	7,800	8,350	8,950	9,750	11,250	12,200	13,150	7.8
6	5,550	7,000	7,700	8,450	9,050	9,950	10,700	12,200	13,150	14,250	8.4
8	5,750	7,600	8,350	9,250	9,750	10,650	11,600	13,000	14,250	15,400	8.1
10	6,200	7,800	9,100	9,850	10,400	11,400	12,500	13,850	15,200	16,350	7.6
15	7,400	9,350	10,000	11,000	11,900	12,800	13,750	15,300	16,800	18,050	7.4
20	7,750	9,800	10,800	12,050	12,700	13,900	15,050	16,300	17,800	19,300	8.4
25	8,500	9,800	10,750	12,400	12,850	14,350	15,650	16,850	18,600	20,200	8.6
30	8,550	10,200	10,900	12,350	12,700	14,250	15,450	16,850	18,800	20,400	8.5
35	9,200	10,200	11,200	12,050	12,550	13,800	14,850	15,850	17,950	...	...

SOURCE: Engineering Manpower Commission of Engineers Joint Council. *Professional Income of Engineers, 1972.*

TABLE 48.–MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SCIENTIFIC AND TECHNICAL FIELD, BIENNIALLY, 1960 TO 1970

Scientific and technical field	Median annual salary					
	1960	1962	1964	1966	1968	1970
1	2	3	4	5	6	7
All fields	$ 9,000	$10,000	$11,000	$12,000	$13,200	$15,000
Chemistry	10,000	11,000	11,000	12,000	13,500	15,255
Earth and marine sciences	9,000	10,000	10,300	11,400	12,900	14,964
Atmospheric and space science	8,000	8,000	10,600	11,700	13,400	15,142
Physics	10,000	11,000	12,000	12,500	14,000	16,100
Mathematics	9,000	10,000	11,000	12,000	13,000	14,300
Agricultural sciences	7,000	8,000	9,200	10,000	11,000	12,760
Biological sciences	8,000	10,000	10,700	12,000	13,000	14,950
Psychology	8,000	9,000	10,300	11,500	13,200	15,048
Statistics	...	...	12,000	12,800	14,900	16,900
Economics	...	...	12,000	13,100	15,000	16,300
Sociology	...	...	10,100	11,300	12,000	12,960
Political science	...	...	...	...	12,000	13,080
Anthropology	...	...	...	11,500	12,700	14,732
Linguistics	...	...	9,000	10,000	11,500	12,535
	INDEX: 1960 = 100.0					
All fields	100.0	111.1	122.2	133.3	146.7	166.7
Chemistry	100.0	110.0	110.0	120.0	135.0	152.6
Earth and marine sciences	100.0	111.1	114.4	126.7	143.3	166.3
Atmospheric and space science	100.0	100.0	132.5	146.2	167.5	189.3
Physics	100.0	110.0	120.0	125.0	140.0	161.0
Mathematics	100.0	111.1	122.2	133.3	144.4	158.9
Agricultural sciences	100.0	114.3	131.4	142.9	157.1	182.3
Biological sciences	100.0	125.0	133.8	150.0	162.5	186.9
Psychology	100.0	112.5	128.8	143.8	165.0	188.1

SOURCES: National Science Foundation. *American Science Manpower, 1960.* NSF 62-43. Washington, D. C.: Government Printing Office, 1962. p. 21.

National Science Foundation. *Scientific Manpower Bulletin.* NSF 62-47. Washington, D.C.: Government Printing Office, December 1962. p. 3.

National Science Foundation. *Review of Data on Science Resources.* Vol. 1, No. 2. Washington, D.C.: Government Printing Office, December 1964. p. 2, and NSF 66-34. December 1966. p. 2.

National Science Foundation. *Salaries and Selected Characteristics of U.S. Scientists, 1968.* NSF 69-5. Washington, D.C.: Government Printing Office, December 1968. 8 p.

National Science Foundation. *Review of Data on Science Resources.* NSF 70-19. Washington, D.C.: Government Printing Office, 1971.

Index relationships computed by NEA Research.

TABLE 49.–MEDIAN SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS BY SEX AND FIELD, 1970

Field	Median salary		Women's median as percent of men's
	Women	Men	
1	2	3	4
All fields	$11,600	$15,200	76.3
Chemistry	10,500	15,600	67.3
Earth and marine sciences	10,500	15,000	70.0
Atmospheric and space sciences	13,000	15,200	85.5
Physics	12,000	16,000	75.0
Mathematics	10,000	15,000	66.7
Computer sciences	13,200	16,900	78.1
Agricultural sciences	9,400	12,800	73.4
Biological sciences	11,000	15,500	71.0
Psychology	13,000	15,500	83.9
Statistics	14,000	17,100	81.9
Economics	13,400	16,500	81.2
Sociology	11,000	13,500	81.5
Anthropology	12,300	15,000	82.0
Political Science	11,000	13,500	81.5
Linguistics	11,300	13,000	86.9

SOURCE: National Science Fourdation: *National Register of Scientific and Technical Personnel.* 1970.

TABLE 50.–MEDIAN SALARIES PAID SCIENTISTS AND ENGINEERS IN RESEARCH AND DEVELOPMENT, BY DEGREE LEVEL, 1969, 1970, AND 1971

Degree and responsibility level	Median salary			Percent change, 1969-1971
	1969	1970	1971	
1	2	3	4	5
Total survey	$16,044	$17,172	$17,976	12.0
Nonsupervisory				
Bachelor's degree	13,992	14,976	15,576	11.3
Master's degree	15,156	16,200	17,196	13.5
Doctor's degree	17,616	18,763	19,572	11.1
Assistant unit head[a]				
Bachelor's degree	16,644	18,408	18,936	13.8
Master's degree	17,652	18,816	19,284	9.2
Doctor's degree	18,984	20,484	20,352	7.2
Unit head[a]				
Bachelor's degree	18,672	20,916	21,624	15.8
Master's degree	19,800	21,552	22,548	13.9
Doctor's degree	20,640	22,584	23,328	13.0

SOURCE: 1971 *National Survey of Compensation Paid Scientists and Engineers Engaged in Research and Development Activities*, by Battelle Columbus Laboratories, Columbus, Ohio, for the U.S. Atomic Energy Commission, Washington, D.C.

[a]Supervisory personnel shown in three categories, assistant unit heads, unit heads, and middle management. Data for the latter group are not shown in this table.

TABLE 51.—MEAN SALARIES PAID NONSUPERVISORY SCIENTISTS AND ENGINEERS IN RESEARCH AND DEVELOPMENT, 1971, BY DEGREE LEVEL AND FIELD OF HIGHEST DEGREE

Field of highest degree	Mean salary by preparation level			Total, all levels[a]
	Bachelor's degree	Master's degree	Doctor's degree	
1	2	3	4	5
Total survey	$15,984	$17,604	$20,028	$17,040
Engineering	16,500	18,036	20,376	17,184
Chemistry	14,304	16,188	19,728	16,428
Physics	16,500	18,012	20,748	18,186
Life sciences	11,820	14,064	18,372	14,826
Social sciences	14,604	17,112	20,520	17,336
Mathematics and Statistics	15,432	17,328	21,096	16,560

SOURCE: 1971 *National Survey of Compensation Paid Scientists and Engineers Engaged in Research and Development Activities,* by Battelle Columbus Laboratories, Columbus, Ohio, for the U.S. Atomic Energy Commission, Washington, D.C.

[a]Weighted averages computed by NEA Research.

TABLE 52.–AVERAGE EARNINGS[a] OF FULL-TIME STATE AND LOCAL GOVERNMENT EMPLOYEES, BY SE-SELECTED FUNCTIONS, 1962-1971

Function	1962	1964	1965	1966	1967	1968	1969	1970	1971
1	2	3	4	5	6	7	8	9	10
Total, all functions	$5,316	$5,676	$ 5,916	$ 6,216	$ 6,756	$ 7,284	$ 7,764	$ 8,364	$ 8,760
Education	5,928	6,216	6,456	6,696	7,356	7,956	8,484	9,072	9,384
Local schools	5,856	6,09[illegible]	6,336	6,528	7,224	7,824	8,340	8,904	9,192
Instructional personnel	6,504	6,888	7,176	7,500	8,040	8,700	9,288	9,960	10,248
Institutions of higher education	6,444	7,008	7,188	7,692	8,136	8,640	9,192	9,852	10,212
Instructional personnel	8,952	9,888	10,320	10,944	11,592	12,540	13,152	13,932	14,280
Functions other than education	4,812	5,196	5,424	5,760	6,192	6,660	7,104	7,704	8,184
Highways	4,716	5,028	5,220	5,508	5,952	6,348	6,804	7,212	7,692
Public welfare	4,452	4,740	5,088	5,364	5,796	6,204	6,684	7,188	7,416
Hospitals	3,804	4,104	4,284	4,608	5,064	5,448	5,904	6,468	6,864
Health	5,172	5,544	5,748	6,048	6,528	7,236	7,740	8,256	8,892
Police protection	5,580	6,072	6,348	6,684	7,128	7,968	8,112	9,048	9,624
Local fire protection	5,832	6,408	6,672	7,080	7,440	8,028	8,820	9,696	10,320
Local parks and recreation	4,524	4,812	5,004	5,268	5,460	5,856	6,372	6,744	7,368
Airports	5,724	5,940	6,456	6,768	7,008	7,356	7,872	8,424	9,156
Correction	5,124	5,544	5,820	6,024	6,708	7,104	7,740	8,436	9,144
Local libraries	3,984	4,320	4,596	4,644	5,148	5,376	5,688	6,156	6,792
Financial administration	4,740	5,124	5,304	5,688	6,024	6,360	6,852	7,452	7,896
Local utilities:									
Water supply	4,884	5,292	5,508	5,916	6,180	6,576	7,080	7,536	7,932
Electric power	6,000	6,444	6,756	7,092	7,464	7,728	8,496	9,000	9,528
Transit	6,336	7,020	7,416	7,932	9,096	9,972	9,408	10,320	11,028
Gas supply	5,040	5,484	5,604	6,288	5,712	7,464	7,548	7,104	7,728
INDEX RELATIONSHIP: (Local school instructional personnel = 100.0)									
Total, all functions	81.7	82.4	82.4	82.9	84.0	83.7	83.6	84.0	85.5
Education	91.1	90.2	90.0	89.3	91.5	91.4	91.3	91.1	91.6
Local schools	90.0	88.5	88.3	87.0	89.9	89.9	89.8	89.4	89.7
Instructional personnel	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Institutions of higher education	99.1	101.7	100.2	102.6	101.2	99.3	99.0	98.9	99.6
Instructional personnel	137.6	143.6	143.8	145.9	144.2	144.1	141.6	139.9	139.3
Functions other than education	74.0	75.4	75.6	76.8	77.0	76.6	76.5	77.3	79.9
Highways	72.5	73.0	72.7	73.4	74.0	73.0	73.3	72.4	75.1
Public welfare	68.4	68.8	70.9	71.5	72.1	71.3	72.0	72.2	72.4
Hospitals	58.5	59.6	59.7	61.4	63.0	62.6	63.6	64.9	67.0
Health	79.5	80.5	80.1	80.6	81.2	83.2	83.3	82.9	86.8
Police protection	85.8	88.2	88.5	89.1	88.7	91.6	87.3	90.8	93.9
Local fire protection	89.7	93.0	93.0	94.4	92.5	92.3	95.0	97.3	100.7
Local parks and recreation	69.6	69.9	69.7	70.2	67.9	67.3	68.6	67.7	71.9
Airports	88.0	86.2	90.0	90.2	87.2	84.6	84.8	84.6	89.3
Correction	78.8	80.5	81.1	80.3	83.4	81.7	83.3	84.7	89.2
Local libraries	61.3	62.7	64.0	61.9	64.0	61.8	61.2	61.8	66.3
Financial administration	72.9	74.4	73.9	75.8	74.9	73.1	73.8	74.8	77.0
Local utilities:									
Water supply	75.1	76.8	76.8	78.9	76.9	75.6	76.2	75.7	77.4
Electric power	92.3	93.6	94.1	94.6	92.8	88.8	91.5	90.4	93.0
Transit	97.4	101.9	103.3	105.8	113.1	114.6	101.3	103.6	107.6
Gas supply	77.5	79.6	78.1	83.8	71.0	85.8	81.3	71.3	75.4

SOURCE: U.S. Department of Commerce, Bureau of the Census. GE Series 1964 to 1971 and special reports for 1962 and 1963.

[a]Annual earnings for full-time employees computed from October earnings. Annual earnings are shown here only for greater ease of comparison and should be used only in this manner.

TABLE 53.–AVERAGE SALARIES PAID FULL-TIME EMPLOYEES OF STATE AND LOCAL GOVERNMENTS AND AVERAGE SALARIES PAID TEACHERS, 1965 AND 1971

State	Average annual salaries of full-time employees of state and local governments			Average salaries paid teachers		
	1965	1971	Percent increase	1965-66	1971-72	Percent increase
1	2	3	4	5	6	7
Alabama	$4,524	$ 6,744	49.1	$5,150	$ 7,737	50.2
Alaska	8,904	13,236	48.7	8,340	14,124	69.4
Arizona	6,288	9,072	44.3	6,960	9,915	42.5
Arkansas	4,212	5,964	41.6	4,627	6,843	47.9
California	7,812	10,908	39.6	8,064	11,417	41.6
Colorado	5,748	8,256	43.6	6,357	9,264	45.7
Connecticut	6,528	9,780	49.8	6,798	10,295	51.4
Delaware	5,496	8,172	48.7	7,278	10,420	43.2
Florida	5,016	7,740	54.3	6,190	8,935	44.3
Georgia	4,380	6,684	52.6	5,395	7,926	46.9
Hawaii	6,240	9,432	51.2	6,820	10,320	51.3
Idaho	4,992	6,888	38.0	5,675	7,392	30.3
Illinois	6,444	9,672	50.1	6,989	10,624	52.0
Indiana	5,748	7,908	37.6	7,017	9,755	39.0
Iowa	5,292	8,088	52.8	5,937	9,207	55.1
Kansas	5,040	7,260	44.0	5,785	8,251	42.6
Kentucky	4,860	7,152	47.2	4,993	7,362	47.4
Louisiana	4,860	6,984	43.7	5,788	8,767	51.5
Maine	4,920	7,044	43.2	5,563	8,545	53.6
Maryland	5,916	9,192	55.4	6,757	10,463	54.8
Massachusetts	6,096	9,264	52.0	7,100	10,176	43.3
Michigan	6,552	10,524	60.6	6,850	11,620	69.6
Minnesota	6,156	9,384	52.4	6,660	10,219	53.4
Mississippi	3,900	5,724	46.8	4,212	6,530	55.0
Missouri	5,220	7,644	46.4	5,875	8,688	47.9
Montana	5,592	7,620	36.3	5,800	8,514	46.8
Nebraska	4,968	7,224	45.4	5,225	8,454	61.8
Nevada	6,312	8,952	41.8	6,972	10,200	46.3
New Hampshire	5,148	7,560	46.9	5,731	8,453	47.5
New Jersey	6,444	9,564	48.4	6,968	10,725	53.9
New Mexico	5,328	7,188	34.9	6,408	8,238	28.6
New York	6,780	10,404	53.5	7,700	11,830	53.6
North Carolina	5,340	7,968	49.2	5,373	8,593	59.9
North Dakota	5,184	7,452	43.7	5,120	7,587	48.2
Ohio	5,568	8,412	51.1	6,320	8,772	38.8
Oklahoma	4,728	6,828	44.4	5,686	7,647	34.5
Oregon	6,144	8,844	43.9	6,740	9,485	40.7
Pennsylvania	5,532	8,484	53.4	6,590	9,903	50.3
Rhode Island	5,640	8,448	49.8	6,500	9,910	52.5
South Carolina	4,356	6,528	49.9	4,729	7,355	55.5
South Dakota	4,980	6,888	38.3	4,625	7,678	66.0
Tennessee	4,620	6,780	46.8	5,100	7,990	56.7
Texas	5,004	7,164	43.2	5,930	8,472	42.9
Utah	5,700	7,896	38.5	6,250	8,460	35.4
Vermont	5,232	8,040	53.7	5,500	8,462	53.9
Virginia	5,148	7,656	48.7	5,725	9,084	58.7
Washington	6,468	9,396	45.3	6,914	10,175	47.2
West Virginia	4,788	6,888	43.9	5,000	8,103	62.1
Wisconsin	6,240	9,204	47.5	6,422	10,016	56.0
Wyoming	5,592	7,368	31.8	6,404	9,234	44.2
UNITED STATES	5,916	8,760	48.1	6,485	9,705	49.7

SOURCES: U.S. Department of Commerce, Bureau of the Census, *Public Employment in 1971* and *Public Employment in 1965.*

Salaries for teachers are from NEA Research, *Estimates of School Statistics.*

NOTE: Annual salaries for employees of state and local governments are based on October earnings; salaries for teachers are for school years 1965-66 and 1971-72.

TABLE 54.–MEAN MINIMUM AND MAXIMUM SALARIES FOR SELECTED POSITIONS IN STATE AND LOCAL GRANT-AIDED EMPLOYMENT SECURITY, PUBLIC WELFARE, PUBLIC HEALTH, AND RELATED PROGRAMS, JULY 1, 1969, 1970, 1971, AND 1972

Position and class of employment	Average MINIMUM salary				Average MAXIMUM salary			
	1969	1970	1971	1972	1969	1970	1971	1972
1	2	3	4	5	6	7	8	9
Employment security								
State director, employment service	$13,951	$14,918	$16,131	$16,884	$17,889	$19,274	$20,590	$21,638
Chief of benefits	11,670	12,513	12,997	13,548	14,964	16,092	16,859	17,605
Hearings referee	9,979	10,583	11,119	11,646	12,889	13,637	14,433	15,195
Local office manager	8,101	8,651	9,007	9,361	10,400	11,100	11,640	12,135
Unemployment claims deputy	6,717	7,239	7,488	7,844	8,548	9,232	9,670	10,106
Employment interviewer	6,299	6,694	6,941	7,236	7,993	8,531	8,940	9,311
Director of research and statistics	12,250	12,960	13,648	14,184	15,704	16,654	17,691	18,399
Labor force analyst	7,391	7,820	8,104	8,332	9,461	9,992	10,457	10,775
Employment counselor	7,232	7,719	7,974	8,266	9,209	9,850	10,278	10,696
Unemployment insurance field auditor	7,336	7,854	8,164	8,468	9,417	10,107	10,541	10,950
Public welfare								
Director of welfare research and statistics	11,898	12,696	13,251	13,634	15,270	16,321	17,119	17,726
Public welfare field representative	10,096	10,798	11,299	11,887	12,980	13,802	14,503	15,373
Medical social work consultant	9,800	10,481	11,313	11,448	12,659	13,471	14,591	14,811
State director of social services	12,712	14,262	15,272	16,792	15,843	17,469	18,540	20,083
Social service supervisor	7,734	8,303	8,811	9,249	10,579	11,274	12,070	12,565
Social service worker	6,087	6,556	6,771	7,015	8,256	8,741	9,205	9,444
Consultant on foster care and licensing	9,575	10,218	10,512	10,999	12,325	13,102	13,567	14,256
Public health								
Director of public health statistics	11,707	12,432	13,232	14,257	15,024	15,753	16,796	17,850
Director of public health engineering	16,111	17,272	17,805	18,612	20,448	22,043	22,727	23,764
Public health engineer	8,570	8,967	9,264	9,715	10,862	11,398	11,840	12,483
Sanitarian	6,694	7,158	7,665	7,837	8,672	9,234	9,835	10,118
Health officer	15,382	16 690	17,907	18,588	19,393	20,964	22,303	23,546
State director, public health nursing	12,150	12,883	13,575	14,130	15,648	16,547	17,619	18,264
Public health nurse consultant	9,406	9,961	10,494	10,911	12,036	12,802	13,512	14,173
Public health nurse	6,698	7,114	7,450	7,738	8,691	9,244	9,666	10,119
Director of public health education	11,561	12,203	12,841	13,550	14,607	15,188	16,028	16,870
Nutrition consultant	8,463	9,071	9,441	9,895	10,852	11,637	12,209	12,774
Laboratory technician	6,778	7,227	7,480	7,750	8,636	9,242	9,529	9,911
Mental health								
Psychiatrist	18,857	19,810	21,029	21,845	23,302	24,642	26,029	26,891
Psychologist	9,383	9,937	10,588	10,811	12,067	12,898	13,711	14,036
Psychiatric social worker	8,368	8,944	9,429	9,660	10,675	11,581	12,167	12,476
Vocational rehabilitation								
Vocational rehabilitation director	15,816	17,354	18,813	19,768	18,660	20,189	22,050	23,148
Vocational rehabilitation counselor	7,635	8,047	8,384	8,866	9,854	10,442	10,876	11,548
Civil defense								
State director, civil defense	15,079	16,309	16,826	18,246	17,311	18,659	19,869	21,213
Deputy state director, civil defense	11,533	12,260	12,764	13,256	14,640	15,135	15,882	16,658
Administrative officer	9,030	9,465	10,046	10,528	11,544	12,065	12,771	13,499
Operations officer	9,546	9,878	10,206	10,811	12,228	12,664	13,163	13,918
Area coordinator	8,503	8,856	8,998	9,356	10,906	11,347	11,554	12,043
Training and education officer	8,434	8,636	8,844	9,400	10,920	11,148	11,485	12,245
Public information officer	8,589	8,678	8,961	9,366	10,993	11,099	11,577	12,129
Radiological defense officer	8,925	9,250	9,957	10,410	11,476	11,734	12,693	13,321
Communications officer	8,398	8,796	9,146	9,629	10,801	11,266	11,829	12,435

SOURCE: U.S. Civil Service Commission, Bureau of Intergovernmental Personnel Programs. *Salary Ranges of Selected State Classes, July 1, 1972.* Washington, D.C.: the Commission, 1972.

TABLE 55.–AVERAGE ANNUAL EARNINGS OF FULL-TIME CITY EMPLOYEES BY FUNCTION AND AVERAGE SALARIES OF CLASSROOM TEACHERS

Calendar years 1964 to 1971

Function	1964	1965	1966	1967	1968	1969	1970	1971	Percent change, 1971 over 1970
1	2	3	4	5	6	7	8	9	10
Average salary paid classroom teachers (calendar-year basis)	$6,067	$6,292	$6,600	$7,028	$7,599	$8,180	$ 8,846	$ 9,414	6.4
City employees:									
All functions	5,784	6,012	6,324	6,720	7,284	7,752	8,508	9,108	7.1
Common municipal functions	5,568	5,796	6,060	6,456	7,080	7,428	8,172	8,796	7.6
Highways	5,136	5,376	5,556	5,904	6,288	6,708	7,128	7,632	7.1
Police protection	6,216	6,480	6,804	7,248	8,304	8,220	9,276	9,912	6.9
Fire protection	6,408	6,684	7,092	7,464	8,052	8,868	9,768	10,368	6.1
Sewerage	5,040	5,112	5,484	5,772	6,240	6,420	7,044	7,824	11.1
Sanitation (other than sewerage)	4,860	4,992	5,268	5,520	6,000	6,228	6,864	7,416	8.0
Parks and recreation	4,680	4,848	5,220	5,352	5,772	6,276	6,600	7,392	12.0
Libraries	4,380	4,572	4,716	5,292	5,448	5,844	6,288	6,996	11.3
Financial administration	5,256	5,436	5,760	6,120	6,504	6,888	7,560	8,040	6.3
General control	5,820	6,072	6,108	6,480	6,984	7,452	8,268	9,096	10.0
Water supply	5,196	5,460	5,784	6,036	6,468	7,032	7,488	7,896	5.4
Variable municipal functions	5,096	6,312	6,588	7,080	7,560	8,172	8,940	9,528	6.6
Education (schools and colleges)	7,056	7,236	7,356	7,836	8,232	9,216	10,056	10,512	4.5
All other	5,448	5,688	6,036	6,540	7,080	7,416	8,160	8,856	8.5
INDEX: CLASSROOM TEACHERS = 100.0									
Average salary paid classroom teachers (calendar-year basis)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
City employees:									
All functions	95.4	95.5	95.8	95.6	95.9	94.8	96.2	96.8	...
Common municipal functions	91.9	92.1	91.8	91.9	93.2	90.8	92.4	93.4	...
Highways	84.7	85.4	84.2	84.0	82.7	82.0	80.6	81.1	...
Police protection	102.5	103.0	103.1	103.1	109.3	100.5	104.9	105.3	...
Fire protection	105.7	106.2	107.5	106.2	106.0	108.4	110.4	110.1	...
Sewerage	83.1	81.2	83.1	82.1	82.1	78.5	79.6	83.1	...
Sanitation (other than sewerage)	80.2	79.3	79.8	78.5	79.0	76.1	77.6	78.8	...
Parks and recreation	77.2	77.1	79.1	76.2	76.0	76.7	74.6	78.5	...
Libraries	72.3	72.7	71.5	75.3	71.7	71.4	71.1	74.3	...
Financial administration	86.7	86.4	87.3	87.1	85.6	84.2	85.5	85.4	...
General control	96.0	96.5	92.5	92 2	91.9	91.1	93.5	96.6	...
Water supply	85.7	86.8	87.6	85.9	85.1	86.0	84.6	83.9	...
Variable municipal functions	100.6	100.3	99.8	100.7	99.5	99.9	101.1	101.2	...
Education (schools and colleges)	116.4	115.0	111.5	111.5	108.3	112.7	113.7	111.7	...
All other	89.9	90.4	91.5	93.1	93.2	90.7	92.2	94.1	...

SOURCE: U.S. Department of Commerce, Bureau of the Census, *City Employment*, G.E. Series 1964 to 1971.

NOTE: Salaries for classroom teachers from NEA Research. Annual average salaries of city employees based on October earnings.

TABLE 56.—AVERAGE MONTHLY EARNINGS FOR SELECTED OCCUPATIONS IN MUNICIPAL GOVERNMENTS

(Various Dates, May 1970 to March 1971)

Occupation	Atlanta	Boston	Buffalo	Chicago	Houston	Kansas City	Los Angeles	New Orleans	New York	Newark	Philadelphia
1	2	3	4	5	6	7	8	9	10	11	12
Office clerical											
Clerks, payroll	...	$625	...	$ 660	...	...	...	...	...	...	...
Clerks, accounting	$618	560	$556	534	$663	$454	...	$414	$ 469	$ 533	$ 676
Stenographers	464	528	557	576	494	482	$ 607	444	505	538	633
Data processing											
Computer operators	612	617	692	664	621	546	721	474	634	726	721
Computer programmers	734	667	805	925	663	673	967	576	713	752	820
Computer systems analysts	777	1,031	938	1,125	798	971	1,238	849	625	...	1,069
Tabulating-machine operators	587	585	620	581	...	...	747	435	547	...	668
Maintenance and custodial											
Carpenters	722	666	667	1,051	710	658	880	533	1,048	1,063	775
Electricians	702	...	660	1,247	907	693	992	600	1,041	987	778
Mechanics, automotive	689	612	675	...	729	671	845	523	1,048	1,203	773
Painters	714	663	683	982	736	667	898	490	937	940	783
Plumbers	...	648	673	1,077	724	691	1,124	579	946	1,141	776
Helpers, maintenance trades	...	574	481	...	...	...	696	...	...	1,032	661

SOURCE: Columns 2-12 calculated on a weighted average basis, when applicable, by NEA Research from the U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Review*, "Comparing Municipal Salaries with Industry and Federal Pay." October 1971, Volume 94, Number 10.

NOTE: Where no employees matching BLS categories were reported, no figures are given.

TABLE 57.—MEDIAN SALARIES PAID BY STATE EDUCATION ASSOCIATIONS, 1964-65 TO 1972-73, SELECTED STAFF POSITIONS

Staff position	Median salaries paid									Range of salaries paid, 1972-73	
	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	Low	High
1	2	3	4	5	6	7	8	9	10	11	12
Executive secretary	$15,000	$16,500	$17,500	$19,250	$20,500	$24,000	$26,000	$27,030	$28,000	$17,275	$51,750
Associate executive secretary	...	...	...	...	...	18,500	20,600	24,400	25,180	13,239	46,575
Assistant executive secretary	12,154	12,800	14,126	15,472	17,500	17,850	19,604	21,000	24,000	13,462	46,000
Director of publications, editor	10,000	11,050	11,250	12,320	13,216	15,936	16,800	18,375	17,652	10,000	29,347
Assistant editor, publications assistant	7,300	7,500	8,500	9,700	11,000	10,800	12,433	13,236	12,864	12,000	30,006
Director of field service	11,410	11,970	12,700	14,800	16,750	17,820	19,604	17,600	17,187	11,200	30,177
Assistant director of field service, field representative	10,075	9,750	10,000	11,550	12,500	14,280	14,662	15,500	15,800	9,495	25,618
Director of research	11,000	10,710	11,965	14,100	16,150	17,500	18,900	19,600	20,446	11,254	30,006
Assistant director of research	10,075	10,400	12,000	11,000	11,816	13,800	14,642	18,480	18,150	8,843	25,109
Public relations director, consultant or assistant	11,400	11,200	11,745	13,860	14,490	15,936	17,355	17,640	18,813	12,773	31,076
Director of professional relations, professional services	10,275	12,410	14,150	16,000	15,332	16,500	19,066	17,500	21,241	14,215	28,682
Special professional services	10,500	11,000	12,306	12,500	14,868	15,627	...	...	...	...	...
Administrative assistant	7,420	8,250	10,889	10,500	10,500	10,632	11,000	13,900	13,800	8,300	19,100
Office manager, business manager	8,400	9,250	10,400	11,500	9,678	10,300	11,419	13,965	13,963	9,860	25,618

SOURCE: National Council of State Education Associations, 1972.

TABLE 58.–U.S. CLASSIFIED CIVIL SERVICE SCHEDULE OF ANNUAL RATES, BY GRADES, EFFECTIVE JANUARY 1973

General schedule grade	Steps within grades[a]									
	1	2	3	4	5	6	7	8	9	10
GS–1	$ 4,798	$ 4,958	$ 5,118	$ 5,278	$ 5,438	$ 5,958	$ 5,758	$ 5,918	$ 6,079	$ 6,238
GS–2	5,432	5,613	5,794	5,975	6,156	6,337	6,518	6,699	6,880	7,061
GS–3	6,128	6,332	6,536	6,740	6,944	7,148	7,352	7,556	7,760	7,964
GS–4	6,882	7,111	7,340	7,569	7,798	8,027	8,256	8,485	8,714	8,943
GS–5	7,694	7,951	8,208	8,465	8,722	8,979	9,236	9,493	9,750	10,007
GS–6	8,572	8,858	9,144	9,430	9,716	10,002	10,288	10,574	10,860	11,146
GS–7	9,520	9,837	10,154	10,471	10,788	11,105	11,422	11,739	12,056	12,373
GS–8	10,528	10,879	11,230	11,581	11,932	12,283	12,634	12,985	13,336	13,687
GS–9	11,614	12,001	12,388	12,775	13,162	13,549	13,936	14,323	14,710	15,097
GS–10	12,775	13,201	13,627	14,053	14,479	14,905	15,331	15,757	16,183	16,609
GS–11	13,996	14,462	14,928	15,394	15,860	16,326	16,792	17,258	17,724	18,190
GS–12	16,682	17,238	17,794	18,350	18,906	19,462	20,018	20,574	21,130	21,686
GS–13	19,700	20,357	21,014	21,671	22,328	22,985	23,642	24,299	24,956	25,613
GS–14	23,088	23,858	24,626	25,398	26,168	26,938	27,708	28,478	29,248	30,018
GS–15	26,898	27,795	28,692	29,589	30,486	31,383	32,280	33,177	34,074	34,971
GS–16	31,243	32,243	33,283	34,323	35,363	36,403[b] b	37,443[b]	38,483[b]	39,523[b]	
GS–17	36,103[b]	37,306[b]	38,509[b]	39,712[b]	40,915[b]					
GS–18	41,734[b]									

SOURCE: U.S. Civil Service Commission. Classification Act of 1949, amended.

[a] Annual increases are granted through Step 4. Intervals of 2 years are required for steps 5, 6, and 7, and three years for steps 8, 9, and 10, or 17 years to reach maximum of grade.

[b] Limited at present to $36,000.

TABLE 59.–AVERAGE SALARIES OF FEDERAL CLASSIFIED EMPLOYEES COMPARED WITH AVERAGE SALARIES OF TEACHERS, SELECTED YEARS 1960 THROUGH 1971

GS–Grade	Average salaries of federal classified employees:[a]								Percent increase	
	July 1960	July 1962	July 1964	July 1966	July 1968	July 1969	July 1970	July 1971	1971 over 1960	1971 over 1970
1	$ 3,540	$ 3,474	$ 3,752	$ 3,750	$ 3,994	$ 4,012	$ 4,209	$ 4,404	24.4	4.6
2	3,762	3,712	3,983	4,067	4,370	4,534	4,823	5,091	35.3	5.6
3	4,111	4,079	4,551	4,758	5,010	5,391	5,728	6,037	46.8	5.4
4	4,455	4,444	5,125	5,474	5,784	6,226	6,615	7,005	57.2	5.9
5	4,921	4,932	5,652	6,057	6,513	7,036	7,481	7,927	61.1	6.0
6	5,401	5,490	6,297	6,776	7,286	7,964	8,445	8,946	65.6	5.9
7	5,893	5,884	6,688	7,164	7,735	8,523	9,063	9,641	63.6	6.4
8	6,411	6,430	7,476	8,099	8,802	9,710	10,306	10,906	70.1	5.8
9	6,931	6,945	7,973	8,576	9,388	10,340	11,026	11,745	69.5	6.5
10	7,476	7,492	8,836	9,582	10,580	11,679	12,366	13,126	75.6	6.1
11	8,107	8,133	9,386	10,142	11,245	12,409	13,226	14,210	75.3	7.4
12	9,555	9,451	11,101	11,999	13,399	14,802	15,770	16,815	76.0	6.6
13	11,262	11,132	13,087	14,191	15,921	17,552	18,691	19,845	76.2	6.2
14	12,818	12,679	15,362	16,740	18,806	20,659	21,961	23,299	81.8	6.1
15	14,443	14,356	17,975	19,569	22,179	24,346	25,913	27,536	90.7	6.3
16	15,648	15,662	20,744	22,253	25,660	28,446	30,265	32,063	104.9	5.9
17	16,863	16,846	22,967	24,789	27,731	31,829	33,700	35,242	109.0	4.6
18	18,500	18,500	24,500	25,890	28,000	33,495	35,505	36,000	94.6	1.4
Average saiary[b]	5,946	6,450	7,267	7,841	8,746	9,424	10,519	11,503	93.5	9.4
Average salary paid classroom teachers[c]	5,088	5,587	6,062	6,600	7,599	8,180	8,846	9,414	85.0	6.4

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Current Wage Developments*, various issues.

[a] Average salaries were obtained by weighting each salary step within the grade by the number of employees at that step.

[b] Average salary from *Survey of Current Business*, various issues; average for civilian employees of federal government.

[c] On calendar-year basis; computed by NEA Research.

TABLE 60.–SALARY GRADE SCHEDULE NEW YORK STATE CLASSIFIED SERVICE EFFECTIVE APRIL 1972

Salary grade	First year	Second year	Third year	Fourth year	Maximum salary	Longevity step[a]	Extra longevity step[b]
1	2	3	4	5	6	7	8
1	$ 4,778	$ 5,001	$ 5,224	$ 5,447	$ 5,670	$ 5,893	$ 6,116
2	4,972	5,205	5,438	5,671	5,904	6,137	6,370
3	5,225	5,470	5,715	5,960	6,205	6,450	6,695
4	5,472	5,730	5,988	6,246	6,504	6,762	7,020
5	5,742	6,013	6,284	6,555	6,826	7,097	7,368
6	6,062	6,346	6,630	6,914	7,198	7,482	7,766
7	6,411	6,707	7,003	7,299	7,595	7,891	8,187
8	6,778	7,086	7,394	7,702	8,010	8,318	8,626
9	7,166	7,488	7,810	8,132	8,454	8,776	9,098
10	7,586	7,923	8,260	8,597	8,934	9,271	9,608
11	8,037	8,389	8,741	9,093	9,445	9,797	10,149
12	8,497	8,864	9,231	9,598	9,965	10,332	10,699
13	9,005	9,389	9,773	10,157	10,541	10,925	11,309
14	9,535	9,936	10,337	10,738	11,139	11,540	11,941
15	10,089	10,507	10,925	11,343	11,761	12,179	12,597
16	10,665	11,102	11,539	11,976	12,413	12,850	13,287
17	11,277	11,736	12,195	12,654	13,113	13,572	14,031
18	11,929	12,412	12,895	13,378	13,861	14,344	14,827
19	12,588	13,092	13,596	14,100	14,604	15,108	15,612
20	13,244	13,771	14,298	14,825	15,352	15,879	16,406
21	13,959	14,509	15,059	15,609	16,159	16,709	17,259
22	14,720	15,294	15,868	16,442	17,016	17,590	18,164
23	15,512	16,111	16,710	17,309	17,908	18,507	19,106
24	16,348	16,970	17,592	18,214	18,836	19,458	20,080
25	17,263	17,911	18,559	19,207	19,855	20.503	21,151
26	18,182	18,857	19,532	20,207	20,882	21,557	22,232
27	19,175	19,874	20,573	21,272	21,971	22,670	23,369
28	20,197	20,922	21,647	22,372	23,097	23,822	24,547
29	21,271	22,024	22,777	23,530	24,283	25,036	25,789
30	22,395	23,173	23,951	24,729	25,507	26,285	27,063
31	23,599	24,404	25,209	26,014	26,819	27,624	28,429
32	24,869	25,700	26,531	27,362	28,193	29,024	29,855
33	26,230	27,085	27,940	28,795	29,650	30,505	31,360
34	27,640	28,522	29,404	30,286	31,168	32,050	32,932
35	29,084	29,991	30,898	31,805	32,712	33,619	34,526
36	30,559	31,492	32,425	33,358	34,291	35,224	36,157
37	32,169	33,129	34,089	35,049	36,009	36,969	37,929
38	29,994+						

SOURCE: Research Bulletin, New York State School Boards Association, Vol. 4, No. 4, December 1972.

NOTE: New York State has a trainee program with a starting salary of $9,005 for inexperienced college graduate recruits; however, outstanding graduates may be placed immediately at a higher level. Those recruited for the training program at the lower figure are placed on the higher step upon completion of the training program.

Since a bachelor's degree is the major requirement for entrance upon the training program, it is this salary, the increments and the number of increments that are most comparable to the salary of a beginning teacher holding a bachelor's degree. Promotion to higher grades is generally made as the result of competitive promotional examination; specific training and experience are generally required for this examination.

The State Education Department competes with school districts for subject matter specialists with experience and training. Depending upon qualifications required for a specific vacancy, appointment may be made at Grade 22 through 26. These appointments do not generally carry administrative responsibilities.

[a] Additional annual increment provided to employees who have rendered continuous and satisfactory service for *five years after* having attained the *maximum salary* of their grade.

[b] Second additional annual increment provided to employees who have rendered continuous and satisfactory service for *ten years after* having attained the *maximum salary* of their grade.

TABLE 61.–BEGINNING SALARIES[a] OF ENGINEERING TECHNICIANS, 1969 AND 1971

Occupational group and academic attainment	1969	1971	Percent change
1	2	3	4
All technicians–national average	$6,650	$6,950	4.5
Graduate technicians–associate degree	7,100	7,300	2.8
Graduate technicians–bachelor's degree	8,350	9,450	13.2
Non-graduate technicians	6,050	6,150	1.7
Federal government			
All technicians	6,050	6,700	10.7
Graduate technicians	7,050	9,200[a]	...
Non-graduate technicians	5,550	6,100	9.9
Local government			
All technicians	6,200	6,700	8.1
State government			
All technicians	5,900	6,050	2.5
Graduate technicians	6,350	6,250	–1.6
Non-graduate technicians	5,550	5,800	4.5
Educational institutions			
All technicians	6,850	6,950	1.5
Graduate technicians	...	7,000	...
Non-graduate technicians	5,400	6,600	22.2

SOURCE: *Salaries of Engineering Technicians*, 1969 and 1971, Engineering Manpower Commission of Engineers Joint Council.

NOTE: Salaries shown are for 0 years of experience for 1969 and 1971. Graduate technicians (except where noted) refer to graduates from 2-year institutions of higher education.

[a]With one year of experience.

TABLE 62.–MEDIAN EARNINGS OF YEAR-ROUND FULL-TIME CIVILIAN WORKERS 14 YEARS OLD AND OVER, SELECTED YEARS, 1960 TO 1971

MEN

Occupation group–men	Median annual earnings									Percent change, 1971 over 1970
	1960	1964	1965	1966	1967	1968	1969	1970	1971	
1	2	3	4	5	6	7	8	9	10	11
Total–all men workers	$ 5,417	$ 6,195	$ 6,375	$ 6,848	$ 7,182	$ 7,664	$ 8,668	$ 8,966	$ 9,399	4.8
Professional, technical, and kindred workers	7,115	8,543	8,459	9,205	9,782	10,542	11,750	12,255	12,518	2.1
Self-employed	10,858	13,257	11,799	14,880	14,631	17,358	20,279	20,031	19,836	–1.0
Salaried	6,954	8,262	8,269	8,958	9,569	10,243	11,427	11,937	12,244	2.6
Engineers, technical	8,740	10,467	10,375	11,218	11,697	12,359	13,501	14,254	14,509	1.8
Teachers, elementary and secondary schools	6,063	6,677	7,077	7,629	7,865	8,779	9,988	9,883	9,913	0.3
Other salaried workers	6,643	7,746	7,879	8,519	9,260	9,784	10,856	11,459	11,959	4.4
Farmers and farm managers	2,004	2,348	3,098	3,547	3,264	3,353	4,108	3,881	4,308	11.0
Managers, officials, and proprietors, except farm	6,648	7,567	7,895	8,826	9,300	9,794	11,015	11,665	12,721	9.1
Self-employed	5,258	5,997	6,765	6,662	7,278	7,409	7,830	7,767	9,289	19.5
In retail trade	4,757	5,381	5,983	6,114	6,345	6,801	7,520	7,272	8,250	13.4
Other self-employed	5,950	6,629	7,417	7,196	8,009	8,250	8,231	8,429	11,169	32.5
Salaried	7,472	8,476	8,531	9,465	9,881	10 661	11,849	12,597	13,349	6.0
Clerical and kindred workers	5,291	6,182	6,280	6,542	6,753	7,324	7,942	8,652	9,124	5.5
Sales workers	5,842	6,918	7,226	7,553	7,754	8,292	9,233	9,765	10,650	9.1
In retail trade	4,760	5,746	6,077	6,150	6,264	6,915	7,436	7,633	7,919	3.7
Other sales workers	6,512	7,525	7,721	8,294	8,654	9,116	10,372	10,853	11,949	10.1
Craftsmen, foremen, and kindred workers	5,826	6,533	6,751	7,161	7,458	7,958	8,741	9,253	9,627	4.0
Foremen	6,796	7,257	7,681	8,104	8,721	9,051	9,792	10,531	11,285	7.2
Craftsmen	5,670	6,386	6,583	6,981	7,227	7,759	8,507	9,051	9,378	3.6
In construction	5,900	6,543	6,713	7,183	7,461	7,880	8,689	9,494	9,664	1.8
Other craftsmen	5,634	6,348	6,562	6,937	7,172	7,737	8,467	8,948	9,311	4.1
Operatives and kindred workers	4,997	5,704	5,782	6,135	6,311	6,773	7,324	7,644	7,915	3.5
In durable goods manufacturing	5,212	5,931	6,137	6,449	6,550	7,113	7,520	7,710	8,163	5.9
In nondurable goods manufacturing	4,554	5,598	5,628	5,728	5,964	6,349	6,996	7,292	7,601	4.2
Other operative and kindred workers	4,915	5,521	5,543	6,008	6,203	6,627	7,252	7,753	7,846	1.2
Service workers, except private household	4,088	4,685	4,874	5,117	5,472	5,898	6,333	6,964	7,111	2.1
Farm laborers and foremen	1,686	2,032	2,274	2,576	2,577	2,870	3,051	3,355	3,752	11.8
Laborers, except farm and mine	4,017	4,319	4,651	5,133	5,331	5,606	6,024	6,462	6,866	6.3

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Income of Families and Persons in the United States.* Current Population Reports, Consumer Income Series, P-60, various numbers.

TABLE 63.–MEDIAN EARNINGS OF YEAR-ROUND FULL-TIME CIVILIAN WORKERS 14 YEARS OLD AND OVER, SELECTED YEARS, 1960 TO 1971

WOMEN

Occupation group–women	Median annual earnings									Percent change, 1971 over 1970
	1960	1964	1965	1966	1967	1968	1969	1970	1971	
1	2	3	4	5	6	7	8	9	10	11
Total–all women workers	$3,293	$3,690	$3,823	$3,973	$4,150	$4,457	$5,077	$5,323	$5,593	5.1
Professional, technical, and kindred workers	4,358	5,132	5,514	5,779	6,324	6,610	7,308	7,850	8,312	5.9
Salaried	4,365	5,126	5,545	5,804	6,328	6,634	7,312	7,856	8,322	5.9
Teachers, elementary and secondary schools	4,581	5,183	5,653	5,910	6,377	6,630	7,233	7,856	8,126	3.4
Other salaried workers	4,709	5,455	5,833	6,164	6,237	6,631	7,362	7,821	8,445	8.0
Managers, officials, and proprietors, except farm	3,514	3,720	4,202	4,472	4,973	5,101	5,847	6,369	6,738	5.8
Self-employed	1,800	2,560	2,171	2,306	3,104	3,384	3,617	3,611	4,269	18.2
In retail trade	...	...	...	2,230	2,577	3,291	3,450	3,448	4,073	18.1
Other self-employed	...	...	...	...	4,124	3,731	3,791	...	...	...
Salaried	4,220	4,729	4,655	5,101	5,427	5,466	6,226	6,885	7,300	6.0
Clerical and kindred workers	3,575	4,050	4,223	4,315	4,499	4,778	5,161	5,539	5,696	2.8
Secretaries, stenographers, and typists	3,744	4,243	4,436	4,419	4,732	4,921	5,364	5,668	5,898	4.1
Other clerical and kindred workers	3,475	3,926	4,094	4,233	4,340	4,693	5,024	5,446	5,557	2.0
Sales workers	2,389	2,723	2,930	3,066	3,244	3,388	3,708	4,174	4,485	7.5
In retail trade	2,328	2,559	2,814	3,002	3,145	3,265	3,559	3,874	4,071	5.1
Other sales workers	.	...	...	4,153	4,349	4,681	4,925	5,967	6,353	6.5
Craftsmen, foremen, and kindred workers	...	...	3,826	4,213	3,760	4,315	4,957	4,955	5,425	9.5
Foremen	...	...	...	4,250	4,261	4,484	5,265	5,223	5,970	14.3
Craftsmen	...	...	...	4,161	3,371	4,155	4,485	4,772	4,918	3.1
Operatives and kindred workers	2,969	3,247	3,273	3,387	3,631	3,956	4,301	4,465	4,789	7.3
In durable goods manufacturing	3,572	4,016	3,897	3,936	4,152	4,518	4,996	5,055	5,432	7.5
In nondurable goods manufacturing	2,740	3,178	3,149	3,276	3,498	3,843	4,018	4,242	4,545	7.1
Other operative and kindred workers	2,485	2,564	2,746	3,010	3,183	3,331	3,739	3,842	4,146	7.9
Private household workers	1,156	1,149	1,238	1,334	1,300	1,464	1,706	1,990	1,926	–3.2
Service workers, except private household	2,340	2,533	2,702	2,695	2,903	3,159	3,632	3,875	4,159	7.3
Laborers, except farm and mine	...	...	...	...	3,184	3,490	...	4,375	4,548	4.0

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Income of Families and Persons in the United States.* Current Population Reports, Consumer Income Series, P-60, various numbers.

TABLE 64.–MEDIAN EARNINGS OF ..AR-ROUND WORKERS, 1959 AND 1969, METROPOLITAN AND NONMETROPOLITAN AREAS

(in 1969 dollars)

Occupation group	Metropolitan area[a]			Nonmetropolitan area		
	1969	1959	Percent change, 1969 over 1959	1969	1959	Percent change, 1969 over 1959
1	2	3	4	5	6	7
Male						
Professional and managerial workers	$11,407	$9,229	23.6	$9,548	$7,445	28.2
Clerical and sales workers	8,182	6,744	21.3	7,380	5,980	23.4
Craftsmen and foremen	9,162	7,358	24.5	7,733	6,359	21.6
Operatives	7,673	6,369	20.5	6,423	5,436	18.2
Nonfarm laborers	6,122	5,402	13.3	4,718	4,207	12.1
Service workers (except household)	6,197	5,369	15.4	5,071	4,256	19.1
Total	$ 8,855	$6,988	26.7	$7,415	$6,005	23.5
Female						
Professional and managerial workers	$6,928	$5,468	26.7	$6,139	$4,212	45.8
Clerical and sales workers	4,945	4,417	12.0	4,148	3,580	15.9
Craftsmen and foremen	5,044	4,346	16.1	[b]	[b]	[b]
Operatives	4,339	3,810	13.9	4,018	3,253	23.5
Private household workers	1,216	1,392	−12.6	837	772	8.4
Other service workers	3,345	2,774	20.6	2,659	1,987	33.8
Total	$4,853	$4,110	18.1	$4,033	$3,211	25.6

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Trends in Social and Economic Conditions in Metropolitan and Nonmetropolitan Areas.* Series P–23. No. 37. Washington, D.C.: Government Printing Office, June 24, 1971.

[a] Standard metropolitan statistical areas as of 1960, in order to present data from the 1960 census comparable to that for the 1970 CPS.

[b] Not computed.

TABLE 65.–MEDIAN EARNINGS OF WOMEN WORKERS AS A PERCENT OF MEDIAN EARNINGS OF MEN WORKERS, SELECTED OCCUPATIONAL GROUPS, 1960 TO 1971

Occupational group	Ratio of median earnings of women workers to that of men workers								
	1960	1964	1965	1966	1967	1968	1969	1970	1971
1	2	3	4	5	6	7	8	9	10
Total–all occupational groups	60.8	59.6	60.0	58.0	57.8	58.2	58.6	59.4	59.5
Professional, technical, and kindred workers salaried	62.8	62.0	67.1	64.8	66.1	64.8	64.0	64.1	66.4
Teachers, elementary and secondary	75.6	77.6	79.9	77.5	81.1	75.5	72.4	79.5	82.0
Other salaried workers	70.9	70.4	74.0	72.4	67.4	67.8	67.8	68.3	70.6
Clerical and kindred workers	67.6	65.5	67.2	66.0	66.6	65.2	65.0	64.0	62.4
Sales workers	40.9	39.4	40.5	40.6	41.8	40.9	40.2	42.7	42.1
In retail trade	48.9	44.5	46.3	48.8	50.2	47.2	47.9	50.8	51.4
Other sales workers	...	...	...	50.1	50.3	51.3	47.5	55.0	53.2
Operatives and kindred workers	59.4	56.9	56.6	55.2	57.5	58.4	58.7	58.4	60.5
Service workers (except private household)	57.2	54.1	55.4	52.7	53.1	53.6	57.4	55.6	58.5

SOURCE: Computed from data in Tables 62 and 63.

TABLE 66.–TOTAL MONEY INCOME OF YEAR-ROUND FULL-TIME WORKERS 25 YEARS OLD OR OLDER, BY YEARS OF SCHOOL COMPLETED, 1971

Years of school completed	Men		Women	
	Mean income	Median income	Mean income	Median income
1	2	3	4	5
Elementary school				
Total	$ 7,603	$ 7,123	$ 4,315	$ 4,199
Less than 8 years	6,806	6,310	4,105	3,946
8 years	8,329	7,838	4,480	4,400
High school				
Total	10,274	9,680	5,774	5,583
1 to 3 years	9,437	8,945	5,064	4,889
4 years	10,647	9,996	6,016	5,808
College				
Total	14,939	13,093	8,511	8,042
1 to 3 years	12,489	11,701	7,278	6,815
4 years	15,565	13,730	8,648	8,451
5 or more years	17,983	15,300	10,785	10,581
Total[a]	11,292	10,038	6,321	5,872

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Income in 1971 of Families and Persons in the United States.* Series P-60, No. 85, December 1972.

[a]Persons included here represent 65.6 percent of men civilian income recipients and 33.6 percent of women civilian income recipients.

TABLE 67.–TOTAL MONEY INCOME, FULL-TIME WORKERS 14 YEARS OLD AND OLDER, BY REGION AND SEX

Region	Men		Women	
	Mean income	Median income	Mean income	Median income
1	2	3	4	5
Total–all regions[a]	$10,834	$ 9,631	$6,109	$5,701
Northeast	11,137	9,960	6,460	6,039
North Central	10,993	9,990	6,271	5,821
South	9,817	8,427	5,476	5,035
West	12,017	10,798	6,676	6,288

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Income in 1971 of Families and Persons in the United States.* Series P-60, No. 85, December 1972.

[a]Persons included here represent 56.4 percent of men civilian income recipients and 30.5 percent of women civilian income recipients.

TABLE 68.–MEAN ANNUAL SALARIES OF PROFESSIONAL SCIENTIFIC AND TECHNICAL PERSONNEL IN THE FEDERAL GOVERNMENT, 1967, 1968, AND 1969, BY SEX, SELECTED OCCUPATIONAL GROUPS

Occupational group	1967 mean salary			1968 mean salary			1969 mean salary		
	Total	Men[a]	Women	Total	Men[a]	Women	Total	Men[a]	Women
1	2	3	4	5	6	7	8	9	10
Scientists and engineers–Total	$13,198	$13,302	$10,894	$14,361	$14,478	$11,768	$15,977	$16,096	$13,241
Scientists	12,569	12,729	10,819	13,677	13,859	11,680	15,277	15,462	13,166
Physical sciences	13,710	13,921	10,635	14,993	15,209	11,708	16,730	16,980	13,084
Chemistry	12,475	12,885	10,229	13,621	14,062	11,216	15,197	15,656	12,623
Geology	12,813	12,905	11,151	13,956	14,068	11,912	15,856	15,980	13,531
Physics	13,847	13,902	12,020	14,994	15,042	13,254	16,688	16,746	14,675
Mathematics and statistics	12,435	12,842	11,036	13,943	14,516	11,539	16,089	16,625	13,608
Mathematics	11,627	11,963	10,592	12,153	12,592	10,764	14,475	14,873	13,082
Mathematical statistician	13,635	14,143	11,179	14,494	15,068	12,026	15,891	16,445	13,417
Statistics	13,511	13,916	11,943	14,580	15,058	12,745	16,158	16,655	14,207
Biological sciences	11,006	11,052	10,094	11,867	11,918	10,808	13,243	13,295	12,106
General biological sciences	12,576	13,254	9,165	13,459	14,162	9,971	15,099	15,829	11,233
Microbiology	11,900	12,609	10,163	12,919	13,638	11,015	14,781	15,598	12,485
Other biological sciences	11,202	11,335	10,622	12,074	12,241	11,253	12,182	12,190	12,120
Social sciences:									
Economics	14,403	14,658	12,359	15,448	15,749	13,127	17,303	17,631	14,753
History	12,103	12,586	10,112	12,713	13,282	10,453	14,089	14,800	11,198
Social sciences	13,078	13,733	11,372	14,116	14,770	12,461	15,682	16,527	13,685
Geography and cartography	10,787	10,930	9,373	12,356	12,488	11,020	12,869	13,027	11,263
Psychology	13,830	14,205	11,596	15,270	15,611	13,238	17,160	17,453	15,234
Engineers	13,787	13,796	12,073	15,006	15,016	13,114	16,637	16,648	14,407
Health personnel	11,323	14,624	8,834	12,047	15,572	9,340	13,469	17,376	10,499
Nurse	8,502	9,508	8,475	8,945	10,068	8,914	10,080	11,202	10,048
INDEX: MEAN SALARY OF WOMEN = 100.0									
Scientists and engineers–Total	121.1	122.1	100.0	122.0	123.0	100.0	120.7	121.6	100.0
Scientists	116.2	117.7	100.0	117.1	118.7	100.0	116.0	117.4	100.0
Physical sciences	128.9	130.9	100.0	128.1	129.9	100.0	127.9	129.8	100.0
Chemistry	122.0	126.0	100.0	121.4	125.4	100.0	120.4	124.0	100.0
Geology	114.9	115.7	100.0	117.2	118.1	100.0	117.2	118.1	100.0
Physics	115.2	115.7	100.0	113.1	113.5	100.0	113.7	114.1	100.0
Mathematics and statistics	112.7	116.4	100.0	120.8	125.8	100.0	118.2	122.2	100.0
Mathematics	109.8	112.9	100.0	112.9	117.0	100.0	110.6	113.7	100.0
Mathematical statistician	122.0	126.5	100.0	120.5	125.3	100.0	118.4	122.6	100.0
Statistics	113.1	116.5	100.0	114.4	118.1	100.0	113.7	117.2	100.0
Biological sciences	109.0	109.5	100.0	109.8	110.3	100.0	109.4	109.8	100.0
General biological sciences	137.2	144.6	100.0	135.0	142.0	100.0	134.4	140.9	100.0
Microbiology	117.1	124.1	100.0	117.3	123.8	100.0	118.4	124.9	100.0
Other biological sciences	105.5	106.7	100.0	107.3	108.8	100.0	100.5	100.6	100.0
Social sciences:									
Economics	116.5	118.6	100.0	117.7	120.0	100.0	117.3	119.5	100.0
History	119.7	124.5	100.0	121.6	127.1	100.0	125.8	132.2	100.0
Social sciences	115.0	120.8	100.0	113.3	118.5	100.0	114.6	120.8	100.0
Geography and cartography	115.1	116.6	100.0	112.1	113.3	100.0	114.3	115.7	100.0
Psychology	119.3	122.5	100.0	115.3	117.9	100.0	112.6	114.8	100.0
Engineers	114.2	114.3	100.0	114.4	114.5	100.0	115.5	115.6	100.0
Health personnel	128.2	165.5	100.0	129.0	166.7	100.0	128.3	165.5	100.0
Nurse	100.3	112.2	100.0	100.3	112.9	100.0	100.3	111.5	100.0

SOURCE: National Science Foundation. *Scientific and Technical Personnel in the Federal Government.* NSF 69-26, NSF 70-24, and NSF 70-44. Washington, D.C.: Covernment Printing Office, 1969 and 1970.

[a]Calculated by NEA Research.

TABLE 69.—AVERAGE SALARIES PAID LIBRARIANS, 1970, BY HIGHEST DEGREE HELD AND BY SEX

Highest degree held	Average salary paid, 1970		
	All respondents	Men	Women
1	2	3	4
Bachelor's degree	$ 9,563	$11,652	$ 9,404
Bachelor's in Library Service (5th year)	12,358	15,933	11,840
Master's in Library Service	11,553	13,403	10,812
Master's degree	12,803	14,841	11,737
Master's in Library Service and Master of Arts	12,846	13,862	11,983
Specialist (6th year)	12,827	15,007	12,260
Doctor's degree	18,513	19,649	15,492
Average—total respondents[a]	$11,950	$14,362	$11,056

SOURCE: *American Libraries*, Bulletin of the American Library Association, Vol. 2, No. 4, April 1971. p. 413.

[a]Weighted average computed by NEA Research from data reported by ALA.

TABLE 70.—AVERAGE SALARY PAID LIBRARIANS, 1970, BY TYPE OF LIBRARY AND HIGHEST DEGREE HELD

Type of library	Highest degree held						
	B.A.	B.L.S. (5th year)	M. in L.S.	M.A.	M. in L.S. and M.A.	Specialist (6th year)	Ph.D.
1	2	3	4	5	6	7	8
Public library	$ 9,534	$12,547	$11,103	$12,474	$12,336	$12,202	$16,090
School library	8,809	10,711	11,052	11,579	12,432	11,839	16,204
Special library	11,797	13,646	11,734	13,609	14,105	...	16,089
University library	10,428	12,601	11,746	13,550	12,705	12,963	19,878
College library	9,487	10,752	11,016	12,843	12,682	13,469	16,675
Junior college library	7,935	12,422	12,013	11,854	12,375	15,667	18,544
State library	11,352	14,226	12,282	13,811	14,084	13,014	16,640
Hospital library	9,189	11,033	10,166	10,646	10,942	...	...
Library association	13,279	15,027	13,457	14,674	14,777	13,481	18,197
Library school	8,430	11,445	12,848	13,026	12,571	13,718	18,407
Library system headquarters	10,758	12,806	12,878	14,978	14,968	13,388	24,130

SOURCE: *American Libraries*, Bulletin of the American Library Association, Vol. 2, No. 4, April 1971. p. 413.

NOTE: Averages shown are based on responses to questionnaire sent to members of American Library Association.

TABLE 71.–AVERAGE STARTING SALARIES OF PUBLIC-SCHOOL TEACHERS COMPARED WITH THOSE IN PRIVATE INDUSTRY, 1964-65 AND 1966-67 THROUGH 1973-74

Position or subject field	Average starting salaries									Percent change, 1973-74 over 1972-73
	1964-65	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	
1	2	3	4	5	6	7	8	9	10	11
Beginning teachers with bachelor's degree	$4,707	$5,144	$5,523	$5,941	$6,383	$ 6,850	$ 7,061	$ 7,357	...	...
Male college graduates with bachelor's degree[a]										
Engineering	7,356	8,112	8,772	9,312	9,960	10,476	10,500	10,608	$10,860	2.4
Accounting	6,444	7,128	7,776	8,424	9,396	10,080	10,260	10,476	10,824	3.3
Sales–Marketing	6,072	6,744	7,044	7,620	8,088	8,580	8,736	9,408	9,648	2.6
Business Administration	5,880	6,576	7,140	7,560	8,100	8,124	8,424	8,448	8,664	2.6
Liberal Arts	5,712	6,432	6,780	7,368	7,980	8,184	8,292	8,424	8,688	3.1
Production management	6,564	7,176	7,584	7,980	8,736	9,048	9,792	9,720	9,792	0.7
Chemistry	6,972	7,500	8,064	8,520	9,276	9,708	9,720	9,972	10,116	1.4
Physics	7,200	7,740	8,448	8,916	9,348	10,080	9,636	10,344	10,560	2.1
Mathematics–Statistics	6,636	7,260	7,944	8,412	8,952	9,468	9,192	9,288	9,552	2.8
Economics–Finance	6,276	6,732	7,416	7,800	8,304	8,880	9,216	9,324	9,480	1.7
Other fields	6,360	7,044	7,644	7,656	8,796	9,264	8,580	9,552	9,696	1.5
Total–all fields (weighted average)	$6,535	$7,243	$7,836	$8,395	$8,985	$ 9,361	$ 9,534	$ 9,648	$10,016	3.8
Women college graduates with bachelor's degree[b]										
Mathematics–Statistics	6,108	6,324	7,104	7,776	8,484	8,952	9,312	9,516	...	...
General business	4,848	5,520	6,000	6,840	7,104	8,184	8,016	8,280	8,748	5.7
Chemistry and sciences	6,060	...	...	8,496	9,000	9,456	9,960	9,816	9,960	1.5
Accounting	5,664	6,768	6,984	7,776	8,304	8,952	9,516	10,224	10,404	1.8
Home Economics	5,112	5,664	6,276	6,660	7,056	7,380	7,932	ND	ND	...
Engineering–Technical research	7,224	7,260	8,208	8,280	9,672	10,128	10,608	10,560	10,968	3.9
Economics–Finance	5,448	6,000	6,636	6,984	7,224	8,400	8,400	ND	ND	...
Liberal Arts	4,620	...	...	6,264	6,900	7,572	8,256	8,112	8,580	5.8
	INDEX RELATIONSHIP TO STARTING SALARIES FOR TEACHERS									
Beginning teachers with bachelor's degree	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	..	...
Male college graduates with bachelor's degree[a]										
Engineering	156.3	157.7	158.8	156.7	156.0	152.9	148.7	144.2	...	...
Accounting	136.9	138.6	140.8	141.8	147.2	147.2	145.3	142.4	...	...
Sales–Marketing	129.0	131.1	127.5	128.3	126.7	125.3	123.7	127.9	...	...
Business Administration	124.9	127.8	129.3	127.3	126.9	118.6	119.3	114.8	...	...
Liberal Arts	121.4	125.0	122.8	124.0	125.0	119.5	117.4	114.5	...	...
Production management	139.5	139.5	137.3	134.3	136.9	132.1	138.7	132.1	...	...
Chemistry	148.1	145.8	146.0	143.4	145.3	141.7	137.7	135.5	...	...
Physics	153.0	150.5	153.0	150.1	146.5	147.2	136.5	140.6	...	...
Mathematics–Statistics	141.0	141.1	143.8	141.6	140.2	138.2	130.2	126.2	...	...
Economics–Finance	133.3	130.9	134.3	131.3	130.1	129.6	130.5	126.7	...	...
Other fields	135.1	136.9	138.4	128.9	137.8	135.2	121.5	129.8	...	...
Total–all fields (weighted average)	138.8	140.8	141.9	141.3	140.8	136.7	135.0	131.1	...	...
Women college graduates with bachelor's degree[a]										
Mathematics–Statistics	129.8	122.9	128.6	130.9	132.9	130.7	131.9	129.3	...	...
General business	103.0	107.3	108.6	115.1	111.3	119.5	113.5	112.5	...	...
Science	128.7	...	...	143.0	141.0	138.0	141.1	133.4	...	...
Accounting	120.3	131.6	126.5	129.9	130.1	130.7	134.8	139.0	...	...
Home Economics	108.6	110.1	113.6	112.1	110.5	107.7	112.3	...	...	...
Engineering–Technical research	153.5	141.1	148.6	139.4	151.5	147.9	150.2	143.5	...	...
Economics–Finance	115.7	116.6	120.2	117.6	113.2	122.6	119.0	...	...	...
Liberal Arts	98.2	...	...	105.4	108.1	110.5	116.9	110.3	...	...

[a]From annual reports of Frank S. Endicott, Director of Placement Emeritus, Northwestern University. Salaries are based on offers made to graduates by approximately 200 companies located throughout the United States. 1973-74 salaries are based on offers made in November 1972 to men who will graduate in June 1973. Salaries for women are based largely on information concerning direct hires of women by many of the same companies.

[b]Computed from data presented in the Endicott reports.

ND = No data available.

TABLE 7?–AVERAGE STARTING SALARIES PAID TO MEN JUNE GRADUATES WITH BACHELOR'S DEGREES, 1?50 TO 1972[a]

Year	Engineering	Accounting	Sales-Marketing	General Business Administration
1	2	3	4	5
1950	$ 3,120	$ 2,856	$2,880	$2,808
1951	3,240	2,952	2,964	2,892
1952	3,660	3,300	3,300	3,252
1953	3,900	3,564	3,612	3,504
1954	4,260	3,900	3,936	3,864
1955	4,452	4,068	4,068	4,044
1956	4,980	4,464	4,440	4,356
1957	5,448	4,824	4,776	4,716
1958	5,664	5,004	4,944	4,884
1959	5,868	5,196	5,064	4,932
1960	6,120	5,352	5,280	5,136
1961	6,348	5,544	5,436	5,220
1962	6,648	5,856	5,616	5,592
1963	7,140	6,288	5,880	5,808
1964	7,356	6,444	6,072	5,880
1965	7,584	6,732	6,276	6,240
1966	8,112	7,128	6,744	6,576
1967	8,772	7,776	7,044	7,140
1968	9,312	8,424	7,620[5]	7,560
1969	9,960	9,396	8,088	8,100
1970	10,476	10,080	8,580	8,124
1971	10,500	10,260	8,736	8,424
1972	10,608	10,476	9,408	8,448
1973[b] ...	10,860	10,824	9,648	8,664

SOURCE: Endicott, Frank S. *Trends in Employment of College and University Graduates in Business and Industry.* Various Annual Reports. Evanston, Ill.: the Author (Director of Placement Emeritus, Northwestern University). Data for 1973 include reports from 186 corporations which send recruiters to college campuses. Annual salaries calculated by NEA Research by conversion of monthly data given in the report.

[a] Average starting salaries for 1950 through 1962 are company averages and do not take into account the number of graduates to be hired. Average starting salaries for 1963 through 1973 are weighted by the number of graduates to be hired.

[b] Estimates of starting salaries made in November 1972 to men who will graduate in June 1973.

TABLE 73.–ESTIMATED AVERAGE ANNUAL STARTING SALARIES PAID TO MEN GRADUATES WITH A MASTER'S DEGREE, 1967 TO 1973

Field	Annual average starting salary[a]							Percent change, 1973 and 1972
	1967	1968	1969	1970	1971	1972	1973	
1	2	3	4	5	6	7	8	9
Engineering	$10,296	$10,932	$11,340	$12,216	$12,360	$12,420	$12,708	2.3
Other technical fields	9,780	10,428	11,136	11,820	11,772	12,120	12,264	1.2
MBA with technical B.S.	10,344	11,172	12,012	12,636	13,272	13,668	13,896	1.7
MBA with non-technical B.A.	9,552	10,404	11,376	12,312	12,744	13,032	13,320	2.2
Accounting	9,096	10,428	11,232	12,240	12,552	12,768	13,080	2.4
Other fields	8,784	9,816	10,596	11,424	12,120	12,336	12,540	1.7
Total	$ 9,715	$10,578	$11,290	$12,178	$12,608	$12,831	$13,104	2.1
	INDEX: 1967 = 100.0[b]							
Engineering	100.0	106.2	110.1	118.6	120.0	120.6	123.4	...
Other technical fields	100.0	106.6	113.9	120.9	120.4	123.9	125.4	...
MBA with technical B.S.	100.0	108.0	116.1	122.2	128.3	132.1	134.3	...
MBA with non-technical B.A.	100.0	108.9	119.1	128.9	133.4	136.4	139.4	...
Accounting	100.0	114.6	123.5	134.6	138.0	140.4	143.8	...
Other fields	100.0	111.7	120.6	130.1	138.0	140.4	142.8	...
Total	100.0	108.9	116.2	125.4	130.0	132.1	134.9	...

[a] Annual salaries computed from monthly data reported by Endicott. Annual salaries shown do not allow for possible increases during the first year of employment. 1973 data are based on offers made in November 1972 to men who will graduate in June 1973.

[b] Computed by NEA Research.

TABLE 74.—AVERAGE ANNUAL BEGINNING SALARY OFFERS[a] TO MALE BACHELOR'S DEGREE CANDIDATES, SELECTED YEARS, 1961-62 TO 1971-72, AND FIRST PERIOD OF 1972-73, BY CURRICULUM, FOR SELECTED TYPES OF EMPLOYERS IN BUSINESS AND INDUSTRY

Curriculum field	1961-62	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	First period 1971-72	First period 1972-73[b]	Percent change
1	2	3	4	5	6	7	8	9	10	11	12	13
Accounting	$5,928	$6,636	$7,020	$7,644	$8,268	$ 9,132	$10,032	$10,152	$10,248	$10,032	$10,488	4.5
Business—general (including management)	5,604	6,360	6,852	7,356	7,812	8,244	8,652	8,592	8,712	8,904	8,796	−1.2
Engineering												
Aeronautical	7,008	7,740	8,172	8,688	9,132	9,732	10,200	10,320	10,608	10,440	10,692	2.4
Chemical	6,756	7,704	8,184	8,796	9,480	10,188	10,824	11,040	11,136	11,196	11,388	1.7
Civil	6,456	7,416	7,896	8,472	9,000	9,564	10,044	10,200	10,428	10,512	10,692	1.7
Electrical	6,996	7,692	8,148	8,736	9,288	9,912	10,428	10,524	10,656	10,512	10,956	4.2
Industrial	6,648	7,500	7,908	8,484	9,084	9,624	10,188	10,392	10,452	10,644	10,704	0.6
Mechanical	6,768	7,620	8,040	8,640	9,216	9,840	10,404	10,572	10,728	10,692	10,908	2.0
Humanities and Social Sciences	5,568[c]	6,144	6,564	7,068	7,512	8,004	8,400	8,388	8,424	7,980	8,328	4.4
Marketing and Distribution	5,592	6,192	6,588	7,056	7,548	8,028	8,424	8,316	8,472	8,448	8,724	3.3
Physics, chemistry, and mathematics	6,684	7,308	7,704	8,292	8,736	9,408	9,708	9,528	9,540	9,648	9,492	−1.6
Chemistry	...	7,260	7,728	8,268	8,748	9,300	9,900	9,540	9,396	9,072	9,156	1.0
Physics	...	7,632	7,968	8,544	9,012	9,636	9,924	9,912	9,816	10,572	10,500	−0.7
Mathematics	...	7,152	7,584	8,208	8,640	9,348	9,528	9,444	9,540	9,720	9,492	−2.3
All technical	6,840	7,620	8,052	8,640	9,204	9,828	...	...	10,570[e]	...	...	...
All nontechnical[d]	5,712	6,384	6,840	7,368	7,884	8,532	...	...	9,366[e]	...	...	...

SOURCE: College Placement Council. *Salary Survey, A Study of Beginning Offers.* Bethlehem, Pa.: the Council, various years 1962 to 1973.

[a]Monthly amounts converted to annual salaries by NEA Research. No allowance made for possible increases during first year of employment.

[b]Offers to June 1973 graduates made between September 1, 1972 and December 11, 1972.

[c]This category is now called Humanities and Social Sciences; Biological Sciences were omitted because few offers were reported.

[d]Accounting, Business-General, Humanities and Social Sciences, and Marketing and Distribution.

[e]Computed by NEA Research; averages weighted by number of offers.

TABLE 75.–AVERAGE ANNUAL BEGINNING SALARY OFFERS TO INEXPERIENCED[a] MALE MASTER'S DEGREE CANDIDATES, 1962-63 TO 1971-72, AND FIRST PERIOD, BY CURRICULUM, FOR EMPLOYERS IN BUSINESS AND INDUSTRY

Curriculum field	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72[b]	First period 1971-72	First period 1972-73	Percent change
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Business administration, industrial management or commerce													
After nontechnical undergraduate degree	$7,296	$7,848	$8,100	$8,700	$ 9,576	$10,548	$11,544	$12,528	$12,528	$12,684	$11,700	$12,276	4.9
After technical undergraduate degree	8,304	8,616	9,048	9,588	10,428	11,256	12,324	13,344	13,332	13,548	12,468	13,044	4.6
Engineering													
Chemical	8,268	8,676	9,108	9,708	10,296	11,028	11,724	12,432	12,648	12,660	12,276	12,240	−0.3
Electrical	9,012	9,228	9,360	9,792	10,416	11,004	11,604	12,180	12,216	12,216	12,108	12,216	0.9
Mechanical	8,664	8,916	9,180	9,588	10,224	10,872	11,448	12,096	12,228	12,360	12,192	12,984	6.5
Sciences													
Chemistry	8,160	8,292	8,604	9,120	9,768	10,368	11,064	11,736	11,388	11,088	10,056	11,640	15.8
Mathematics	8,496	8,484	8,868	9,276	9,816	10,440	11,160	11,508	11,244	11,124	10,992	10,044	−8.6
Physics	8,568	8,628	9,132	9,312	9,816	10,572	11,196	11,820	11,148	11,784	11,004	11,676	6.1

SOURCE: College Placement Council. *Salary Survey, A Study of Beginning Offers.* Bethlehem, Pa.: the Council. Various reports. Monthly salaries converted to annual salaries by NEA Research.

[a]One year or less of full-time, non-military employment.

[b]Offers to June 1973 graduates made between September 1, and December 11, 1972.

TABLE 76.–AVERAGE ANNUAL SALARY OFFERS[a] TO MALE DOCTORAL CANDIDATES BY CURRICULUM, FOR EMPLOYERS IN BUSINESS AND INDUSTRY, 1963-64 TO 1971-72

Graduate program	1963-64[b]	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	Percent change, 1971-72 over 1970-71
1	2	3	4	5	6	7	8	9	10	11
Engineering										
Chemical	$12,036	$12,696	$13,224	$14,100	$14,964	$15,828	$16,500	$16,740	$16,860	1.0
Electrical	13,452	13,992	14,436	15,132	15,792	16,548	17,148	16,656	17,268	3.7
Mechanical	12,204	13,392	13,632	14,544	15,384	15,708	16,440	15,336	16,572	8.1
Science										
Chemistry	11,628	12,108	12,756	13,416	14,160	14,904	15,336	15,108	15,480	2.5
Mathematics	12,552	13,056	13,716	14,640	14,700	15,336	17,052	17,376	16,404	–5.6
Physics	11,880	13,704	13,656	13,944	14,724	15,420	15,708	15,780	16,224	2.8

SOURCE: College Placement Council. *Salary Survey, A Study of Beginning Offers.* Bethlehem, Pa.: the Council, various reports.
[a]Monthly amounts converted to annual salaries by NEA Research. No allowance made for possible increase during the first year of employment.
[b]Data from 1963-64 pilot study.

TABLE 77.–AVERAGE BEGINNING SALARIES OFFERED TO WOMEN GRADUATES WITH A BACHELOR'S DEGREE, 1966-67 THROUGH 1971-72

Position or type of employer	1966-67[a]	1967-68	1968-69	1969-70	1970-71	1971-72	Percent change, 1971-72 over 1970-71
1	2	3	4	5	6	7	8
Position							
Accountant/auditor	$7,260	$7,932	$8,700	$ 9,840	$9,744	$ 9,948	2.1
Airline stewardess/reservationist	4,152	4,464	4,740	5,544	5,928	...	...
Business trainee	6,000	6,360	6,996	7,332	7,416	7,716	4.0
Community and service organization worker	5,532	5,952	6,384	6,828	6,867	6,828	–0.7
EDP programmer/systems analyst	7,356	7,860	8,388	9,024	8,952	9,264	3.5
Engineer	8,520	9,324	9,612	10,284	10,620	10,716	0.9
Home economist/dietitian	5,832	6,180	6,360	6,672	6,852	6,996	2.1
Library interne	4,920	5,316	5,604	5,688	6,360	6,348	–0.2
Mathematician/statistician	7,404	7,848	8,496	8,880	8,472	8,784	3.7
Medical worker	5,880	6,636	7,044	7,476	8,172	7,740	–5.3
Merchandising/sales promotion trainee	5,400	5,928	6,336	6,708	7,284	7,032	–3.5
Research assistant–nonscientific	5,904	6,396	6,864	7,296	6,840	7,296	6.7
Research and lab assistant–scientific	6,744	7,224	7,608	7,644	7,560	7,896	4.4
Secretary/receptionist	4,740	5,112	5,304	5,736	5,580	5,580	0.0
Writer/editorial/public relations trainee	5,508	5,616	6,036	6,216	6,432	6,924	7.6
Employer							
Business	6,120	6,840	7,200	7,776	7,524	7,896	4.9
Government-federal	6,252	6,528	6,984	7,656	8,364	7,932	–5.2
Government-local and state	5,748	6,264	6,624	7,116	7,128	7,128	0.0
Manufacturing/industrial	7,044	7,308	7,956	8,532	8,604	9,108	5.9
Nonprofit and educational organization	5,388	5,988	6,444	6,840	7,224	6,804	–5.8

SOURCE: College Placement Council. *Women's Salary Survey.* Bethlehem, Pa.: July 1972.
Annual salaries computed by NEA Research from monthly salaries reported by the College Placement Council.
[a]Data from pilot study.

TABLE 78.—MEDIAN ANNUAL STARTING SALARIES OF INEXPERIENCED[a] GRADUATES IN CHEMISTRY AND CHEMICAL ENGINEERING, 1960 TO 1972

Position and degree	1960	1962	1964	1965	1966	1967	1968	1969	1970	1971	1972	Percent change, 1972 over 1971
1	2	3	4	5	6	7	8	9	10	11	12	13
Chemists												
Bachelor's degree ...	$5,700	$ 6,000	$ 6,600	$ 6,900	$ 7,200	$ 7,800	$ 8,400	$ 8,760	$ 8,900	$ 8,100	$ 8,400	3.7
Men	5,880	6,300	6,720	7,080	7,500	7,920	8,604	9,000	9,096	8,300	8,500	2.4
Women	5,100	5,400	5,760	5,988	6,600	7,200	7,500	8,424	7,728	7,800	7,800	0.0
Master's degree	6,600	6,936	7,500	8,004	8,664	9,300	9,600	10,020	10,100	9,200	9,200	0.0
Doctor's degree	9,000	9,900	10,920	11,700	12,120	12,900	13,536	14,400	14,700	14,400	13,200	−8.3
Chemical engineers												
Bachelor's degree ...	6,240	6,720	7,380	7,680	8,280	8,880	9,600	10,260	10,800	10,800	11,000	1.9
Master's degree	7,020	7,740	8,640	9,000	9,600	10,200	11,100	11,580	12,000	12,600	12,500	−0.8
Doctor's degree	9,300	10,500	11,400	12,300	12,900	13,800	14,520	15,300	16,100	16,200	16,500	1.9
					INDEX: 1960 = 100.0							
Chemists												
Bachelor's degree ...	100.0	105.3	115.8	121.1	126.3	136.8	147.4	153.7	156.1	142.1	147.4	...
Men	100.0	107.1	114.3	120.4	127.6	134.7	146.3	153.1	154.7	141.2	144.6	...
Women	100.0	105.9	112.9	117.4	129.4	141.2	147.1	165.2	151.5	152.9	152.9	...
Master's degree	100.0	105.1	113.6	121.3	131.3	140.9	145.5	151.8	153.0	139.4	139.4	...
Doctor's degree	100.0	110.0	121.3	130.0	134.7	143.3	150.4	160.0	163.3	160.0	146.7	...
Chemical engineers												
Bachelor's degree ...	100.0	107.7	118.3	123.1	132.7	142.3	153.8	164.4	173.1	173.1	176.3	...
Master's degree	100.0	110.3	123.1	128.2	136.8	145.3	158.1	165.0	170.9	179.5	178.1	...
Doctor's degree	100.0	112.9	122.6	132.3	138.7	148.4	156.1	164.5	173.1	174.2	177.4	...

SOURCE: *Chemical and Engineering News*, various issues. Data appeared as monthly salaries; converted to annual salaries by NEA Research.

[a]With less than one year of prior work experience.

TABLE 79.–MEDIAN STARTING SALARIES OF CHEMISTS, 1972 BY TYPE OF EMPLOYER, DEGREE, AND SEX

Degree held and sex	Type of employer: All chemists	Industry	College/ university	High school	Government	Research institute
1	2	3	4	5	6	7
Men:						
Bachelor's degree	$ 8,500	$ 8,800	$ 6,930	$7,300	$ 8,210	$ 8,100
Master's degree	10,000	10,300	9,650	7,370	[a]	9,020
Ph.D.	13,310	15,600	11,000	[a]	13,000	10,000
Women:						
Bachelor's degree	7,800	9,600	6,570	7,000	7,610	7,020
Master's degree	8,700	9,600	8,100	[a]	[a]	9,700
Ph.D.	[a]	[a]	[a]	[a]	[a]	[a]
INDEX: Median Salary of Men Chemists = 100.0						
Women:						
Bachelor's degree	91.8	109.1	94.8	95.9	92.7	86.7
Master's degree	87.0	93.2	83.9	...	...	107.5
Ph.D.	...	...	...	...	...	...

SOURCE: *Chemical and Engineering News*, October 2, 1972. Copyrighted by the American Chemical Society and reprinted by permission of the copyright owner. Index computed by NEA Research.
[a]Not computed because of insufficient data.

TABLE 80.–STARTING SALARIES FOR BEGINNING TEACHERS WITH A BACHELOR'S DEGREE, INDEPENDENT (PRIVATE) SCHOOLS, BY CATEGORY OF SCHOOL, SELECTED YEARS 1964-65 TO 1972-73

Type of school	Median starting salary for beginning teachers: 1964-65	1968-69	1969-70	1970-71	1971-72	1972-73	Range of starting salaries 1972-73: Low	High
1	2	3	4	5	6	7	8	9
Girls' day	$4,200	$5,000	$5,500	$6,000	$6,200	$6,500	$5,000	$7,800
Girls' boarding[a]	3,800	4,500	4,900	5,250	5,500	5,500	4,000	6,500
Boys' day	4,500	5,600	6,000	6,500	7,000	7,350	5,000	8,500
Boys' boarding[a]	3,600	4,200	4,800	5,000	5,300	5,500	3,800	7,200
Boys' day elementary	4,500	5,000	6,000	[b]	[b]	[b]	[b]	[b]
Coeducational day	4,500	5,200	6,000	6,400	6,500	6,800	5,000	8,500
Coeducational day elementary	4,300	4,500	5,600	6,000	6,000	6,500	4,200	7,600
Coeducational boarding[a]	3,600	4,000	4,800	5,000	5,000	5,400	3,200	7,800
Military	4,500	5,500	5,400	6,000	6,450	ND	ND	ND
Catholic	4,550	5,200	5,800	6,000	6,400	6,500	4,600	7,000
Canadian	...	...	...	6,500	6,585	6,585	5,990	8,200

SOURCE: National Association of Independent Schools, *Annual Statistics NAIS Member Schools*, various issues.
[a]Cash figures. Perquisites might bring the total compensation in line with day school salaries.
[b]Boys' day elementary schools combined with boys' day schools.
ND = No data available.

TABLE 81.–MINIMUM[a] SALARIES OF FEDERAL CLASSIFIED EMPLOYEES BY GRADE, 1962 to 1973

Grade	July 1960	October 1962	July 1964	October 1965	July 1966	October 1967	July 1968	July 1969	January 1970	January 1971	January 1972	January 1973
1	2	3	4	5	6	7	8	9	10	11	12	13
1	$ 3,185	$ 3,245	$ 3,385	$ 3,507	$ 3,609	$ 3,776	$ 3,889	$ 3,889	$ 4,125	$ 4,326	$ 4,564	$ 4,798
2	3,500	3,560	3,680	3,814	3,925	4,108	4,231	4,360	4,621	4,897	5,166	5,435
3	3,760	3,820	4,005	4,149	4,269	4,466	4,600	4,917	5,212	5,524	5,828	6,128
4	4,040	4,110	4,480	4,641	4,776	4,995	5,145	5,522	5,853	8,202	6,544	6,882
5	4,345	4,565	5,000	5,181	5,331	5,565	5,732	6,176	6,548	6,938	7,319	7,694
6	4,830	5,035	5,505	5,702	5,867	6,137	6,321	6,882	7,294	7,727	8,153	8,572
7	5,355	5,540	6,050	6,269	6,451	6,734	6,981	7,639	8,098	8,582	9,053	9,520
8	5,885	6,090	6,630	6,869	7,068	7,384	7,699	8,449	8,956	9,493	10,013	11,528
9	6,435	6,675	7,220	7,479	7,696	8,054	8,462	9,320	9,881	10,470	11,046	11,614
10	6,995	7,290	7,900	8,184	8,421	8,821	9,297	10,252	10,869	11,517	12,151	12,775
11	7,560	8,045	8,650	8,961	9,221	9,657	10,203	11,233	11,905	12,615	13,309	13,996
12	8,955	9,475	10,250	10,619	10,927	11,461	12,174	13,389	14,192	15,040	15,866	16,682
13	10,365	11,150	12,075	12,510	12,873	13,507	14,409	15,812	16,760	17,761	18,737	19,700
14	12,210	12,845	14,170	14,680	15,106	15,841	16,946	18,531	19,643	20,815	21,960	23,088
15	13,730	14,565	16,460	17,055	17,550	18,404	19,780	21,589	22,885	24,251	25,583	26,898
16	15,255	16,000	18,935	19,619	20,075	20,982	22,835	25,044	26,547	28,129	29,678	31,203
17	16,530	18,000	21,445	22,217	22,760	23,788	26,264	28,976	30,714	32,546	34,335	36,103[b]
18	18,500	20,000	24,500	25,382	25,890	27,055	30,239	33,495	35,505	37,624[b]	39,693[b]	41,734[b]
					INDEX RELATIONSHIP, 1962 = 100.0							
1	100.0	101.9	106.3	110.1	113.3	118.6	122.1	122.1	129.5	135.8	143.3	150.6
2	100.0	101.7	105.1	109.0	112.1	117.4	120.9	124.6	132.0	139.9	147.6	155.2
3	100.0	101.6	106.5	110.3	113.5	118.8	122.3	130.8	138.6	146.9	155.0	163.0
4	100.0	101.7	110.9	114.9	118.2	123.6	127.4	136.7	144.9	153.5	162.0	170.3
5	100.0	105.1	115.1	119.2	122.7	128.1	131.9	142.1	150.7	159.7	168.4	177.1
6	100.0	105.1	115.1	119.2	122.7	128.1	131.9	142.1	150.7	160.0	168.8	177.5
7	100.0	103.5	113.0	117.1	120.5	125.8	130.4	142.7	151.2	160.3	169.1	177.8
8	100.0	103.5	112.7	116.7	120.1	125.5	130.8	143.6	152.2	161.3	170.1	178.9
9	100.0	103.7	112.2	116.2	119.6	125.2	131.5	144.8	153.6	162.7	171.7	180.5
10	100.0	104.2	112.9	117.0	120.4	126.1	132.9	146.6	155.4	164.6	173.7	182.6
11	100.0	106.4	114.4	118.5	122.0	127.7	135.0	148.6	157.5	166.9	176.0	185.1
12	100.0	105.8	114.5	118.6	122.0	128.0	135.9	149.5	158.5	168.0	177.2	186.3
13	100.0	107.6	116.5	120.7	124.2	130.3	139.0	152.6	161.7	171.4	180.8	190.1
14	100.0	105.2	116.1	120.2	123.7	129.7	138.8	151.8	160.9	170.5	179.9	189.1
15	100.0	106.1	119.9	124.2	127.8	134.0	144.1	157.2	166.7	176.6	186.3	195.9
16	100.0	104.9	124.1	128.6	131.6	137.5	149.7	164.2	174.0	184.4	194.5	204.5
17	100.0	108.9	129.7	134.4	137.7	143.9	158.9	175.3	185.8	196.9	207.7	218.4
18	100.0	108.1	132.4	137.2	139.9	146.2	163.5	181.1	191.9	203.4	214.6	225.6

SOURCE: U.S. Civil Service Commission. *Classification Act of 1949, As Amended.*

[a]Minimum salaries are those paid at the first step in each grade.

[b]Limited to $36,000.

TABLE 82.–INCREASES IN BEGINNING SALARIES OF FEDERAL CIVILIAN EMPLOYEES COMPARED WITH THOSE FOR BEGINNING TEACHERS, 1965 TO 1973

GS–Grade–Step 1	1965	1973	Percent increase
1	2	3	4
U.S. Civil Service GS scale			
Step 1 of Grade			
1	$ 3,507	$ 4,798	36.8
2	3,814	5,432	42.4
3	4,149	6,128	47.7
4	4,641	6,882	48.3
5	5,181	7,694	48.5
6	5,702	8,572	50.3
7	6,269	9,520	51.9
8	6,869	10,528	53.3
9	7,479	11,614	55.3
10	8,184	12,775	56.1
11	8,961	13,996	56.2
12	10,619	16,682	57.1
13	12,510	19,700	57.5
14	14,680	23,088	57.3
15	17,055	26,898	57.7
16	19,619	31,203	59.0
17	22,217	36,103[a]	62.5
18	25,382	41,734[a]	64.4
Average increase	...	...	53.5
Beginning salaries for teachers with B.A. (school-year basis)	4,925	7,357	49.4

SOURCE: Table 81 for GS data; NEA Research for teachers' beginning salaries

[a]Limited to $36,000 in 1973.

TABLE 83.–AVERAGE MINIMUM AND MAXIMUM ANNUAL SALARIES FOR POLICEMEN, FIREMEN, AND TEACHERS IN CITIES WITH A POPULATION OF 100,000 OR MORE, 1966-1972

Occupation	Year						Percent increase, 1972 over 1971
	1967	1968	1969	1970	1971	1972	
1	2	3	4	5	6	7	8
Average MINIMUM salary							
Teachers[a]	$5,638	$6,029	$6,465	$ 6,921	$ 7,126	$ 7,389	3.7
Firemen	6,251	6,753	7,413	8,041	8,490	9,026	6.3
Policemen	6,470	7,019	7,741	8,440	8,874	9,454	6.5
Average MAXIMUM salary							
Teachers[a]	8,437	8,976	9,500	10,293	10,559	11,008	4.3
Firemen	7,463	7,982	8,736	9,482	10,060	10,718	6.5
Policemen	7,816	8,313	9,196	10,017	10,576	11,287	6.7

SOURCE: Salary data for policemen and firemen from *Current Wage Developments*, various issues. U.S. Department of Labor, Bureau of Labor Statistics. Salaries for teachers from NEA Research.

[a]For bachelor's degree preparation level, and for systems with enrollments of 25,000 or more which is approximately equivalent to cities with 100,000 population or more.

Data for policemen and firemen relate only to cities that had a population of 100,000 or more in 1970.

TABLE 84.–PERCENT DISTRIBUTION OF ANNUAL MINIMUM SALARIES[a] PAID FIREMEN AND POLICEMEN, 1972
By City Size and Region

Employee group and minimum salary intervals	All cities 100,000 and over	City size				Region[b]			
		Over 999,999	500,000 to 999,999	250,000 to 499,999	100,000 to 249,999	Northeast	South	North Central	West
1	2	3	4	5	6	7	8	9	10
Firemen:									
Under $6,500	8.2	...	4.3	10.5	19.2	...	25.0	4.0	2.2
6,500–6,999	4.2	...	3.2	10.3	5.6	...	15.4	...	...
7,000–7,499	8.7	...	10.3	14.4	12.8	0.8	23.0	6.2	3.9
7,500–7,999	6.1	...	8.4	6.7	10.5	2.7	7.6	6.2	10.1
8,000–8,499	12.7	6.5	30.1	2.7	11.2	12.9	19.2	9.8	5.7
8,500–8,999	9.5	6.0	13.5	12.0	7.9	8.9	8.1	17.3	2.1
9,000–9,499	6.3	...	4.7	8.1	13.6	5.2	1.1	8.2	14.1
9,500–9,999	9.8	...	14.9	19.9	8.8	9.7	...	22.9	7.9
10,000–10,999	31.7	87.5	3.1	11.9	8.9	59.7	0.4	25.4	36.8
11,000 and over	2.8	...	7.6	3.6	1.3	...	...	...	17.2
Total	100.0	100.0	100.1	100.1	99.8	99.9	99.8	100.0	100.0
Average salary paid	$9,026	$10,385	$8,759	$8,480	$8,125	$9,863	$7,273	$9,245	$9,967
Policemen:									
Under $6,500	3.9	...	4.0	8.9	9.5	...	15.3	2.1	...
$6,500–6,999	1.3	...	...	...	7.4	...	5.8	...	...
7,000–7,499	6.8	...	6.2	20.3	13.8	...	20.7	2.8	10.1
7,500–7,999	3.7	...	7.3	3.0	9.1	0.4	13.0	2.3	0.9
8,000–8,499	12.6	3.0	30.2	9.6	15.9	9.7	24.4	11.1	5.3
8,500–8,999	13.0	8.2	23.1	12.1	12.2	6.1	19.0	21.3	6.6
9,000–9,499	4.5	...	9.9	5.9	7.8	1.5	1.1	8.2	10.3
9,500–9,999	7.2	...	11.0	22.2	8.1	8.4	...	13.0	4.3
10,000–10,999	44.7	88.8	2.8	12.2	14.6	73.8	0.6	39.2	46.6
11,000 or more	2.4	...	5.5	5.8	1.5	...	...	...	15.9
Total	100.1	100.0	100.0	100.0	99.9	99.9	99.9	100.0	100.0
Average salary paid	$9,454	$10,454	$8,768	$8,747	$8,385	$10,158	$7,660	$9,598	$10,060

SOURCE: U.S. Department of Labor, *Current Wage Developments*, No. 296, September 1972.

[a]Preliminary data.

[b]NORTHEAST: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; SOUTH: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; NORTH CENTRAL: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; WEST: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

NOTE: Data relate to cities that had a population of 100,000 or more in 1970.

TABLE 85.–MEDIAN SALARIES PAID BEGINNING PROFESSIONAL PUBLIC LIBRARIANS, 1971, BY REGION

Region	Median salary	Range	
		Low	High
1	2	3	4
Northeast	$7,900	$6,000	$ 9,500
South	7,490	4,800	9,500
North Central	8,030	6,080	10,300
West	8,140	4,900	10,960
Canada	7,710	7,030	8,470
Total–all regions	$7,850	$4,800	$10,960

SOURCE: *Library Journal,* Nov. 15, 1972, p. 3682 to 3865, *Sex and Salary Survey.* Copyright © 1972, Xerox Corporation.

TABLE 86.–PERCENT DISTRIBUTION OF SALARIES PAID BEGINNING PROFESSIONAL PUBLIC LIBRARIANS, 1971, BY SIZE OF COMMUNITY

Beginning salary	Size of community (population)			
	Less than 200,000	200,000 to 399,000	400,000 to 749,000	750,000 and over
1	2	3	4	5
Less than $7,000	16	15	9	...
$7,000 to 7,999	41	50	30	30
8,000 to 8,999	35	30	54	35
000 or more	8	5	7	35
Total	100.0	100.0	100.0	100.0

SOURCE: *Library Journal,* Nov. 15, 1972, p. 3682 to 3685, *Sex and Salary Survey.* Copyright © 1972, Xerox Corporation.

IV. FAMILY AND HOUSEHOLD INCOME

THE U. S. BUREAU OF THE CENSUS in its annual Consumer Income Series publishes median family income data together with a percentage distribution of such income. Table 87 gives this information for selected years between 1947 and 1971. A regional distribution of median family incomes is shown in Table 88 for 1950 through 1971.

Per-capita effective buying income by state and region is shown in Table 89 for selected years between 1959 and 1971. These data are taken from the annual Survey of Buying Power made by *Sales Management* magazine for each of the years shown in the table; the data are used with permission of Sales Management.

Table 90 gives per-capita personal income by state and region for selected years between 1960 and 1971; Table 91, the index relationship to per capita income for the United States.

Average individual income per income tax return is shown in Table 92 for selected years between 1965 and 1969 on a regional basis.

In Table 93, average income per income tax return for 1969 is compared with average salaries of classroom teachers by geographic region.

Table 94 shows average income per income tax return in the 125 largest standard metropolitan areas for 1969 and index relationships to regional and national averages.

TABLE 87.—FAMILY INCOME, 1947, 1950, AND 1958 TO 1971

Year	Median income		Percent distribution—total money income in current dollars						
	Current dollars	1971 dollars	Under $3,000	$3,000–4,999	$5,000–6,999	$7,000–9,999	$10,000–14,999	$15,000 and over	Total
1	2	3	4	5	6	7	8	9	10
1947	$3,031	$ 5,483	49	31	12	5	(3)		100
1950	3,319	5,594	43	34	14	6	(3)		100
1958	5,087	7,126	24	25	24	17	8	2	100
1959	5,417	7,524	23	22	24	19	9	3	100
1960	5,620	7,688	22	20	24	20	10	4	100
1961	5,737	7,765	21	20	22	32	22	5	100
1962	5,956	7,975	20	19	22	21	13	5	100
1963	6,249	8,267	19	18	21	22	15	5	100
1964	6,569	8,579	18	17	20	23	16	6	100
1965	6,957	8,932	16	15	19	24	18	8	100
1966	7,500	9,360	14	14	18	25	20	9	100
1967	7,974	9,683	13	13	16	24	22	12	100
1968	8,632	10,049	10	12	15	23	25	15	100
1969	9,433	10,423	9	11	12	22	27	19	100
1970	9,867	10,289	9	10	12	20	27	22	100
1971	10,285	10,285	8	10	11	19	27	25	100

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Income in 1970 of Families and Persons in the United States.* Current Population Reports, Consumer Income Series, P–60, No. 85. Washington, D.C.: the Bureau, December 1972.

TABLE 88.–MEDIAN FAMILY INCOME BY REGION, 1958 TO 1971

(In 1971 dollars)

Year	Median family income–in 1971 dollars					Index: Total all regions = 100.0				
	Northeast	North Central	South	West	Total, all regions	Northeast	North Central	South	West	Total, all regions
1	2	3	4	5	6	7	8	9	10	11
1958	$ 7,802	$ 7,206	$5,728	$ 7,943	$ 7,126	109.5	101.1	80.4	111.5	100.0
1959	8,190	7,683	6,042	8,557	7,524	108.9	102.1	80.3	113.7	100.0
1960	8,325	7,916	5,998	8,956	7,688	108.3	103.0	78.0	116.5	100.0
1961	8,461	7,910	5,969	9,332	7,765	109.0	101.9	76.9	120.2	100.0
1962	8,808	8,381	6,188	9,019	7,975	110.4	105.1	77.6	113.1	100.0
1963	9,116	8,709	6,585	9,304	8,267	110.3	105.3	79.7	112.5	100.0
1964	9,450	8,930	6,952	9,517	8,579	110.2	104.1	81.0	110.9	100.0
1965	9,735	9,376	7,206	9,890	8,932	109.0	105.0	80.7	110.7	100.0
1966	9,897	9,928	7,860	10,185	9,360	105.7	106.1	84.0	108.8	100.0
1967	10,306	10,018	8,226	10,615	9,683	106.4	103.5	85.0	109.6	100.0
1968	10,581	10,597	8,593	10,906	10,049	105.3	105.5	85.5	108.5	100.0
1969	11,070	11,072	8,956	11,091	10,423	106.2	106.2	85.9	106.4	100.0
1970	11,153	10,769	8,917	10,712	10,289	108.4	104.7	86.7	104.1	100.0
1971	11,020	10,785	8,980	10,703	10,285	107.1	104.9	87.3	104.1	100.0

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Income in 1971 of Families and Persons in the United States.* Current Population Reports, Consumer Income Series, P-60, No. 85. Washington, D.C.: Government Printing Office, December 1972.

Index computed by NEA Research.

TABLE 89.—PER-CAPITA EFFECTIVE BUYING INCOME, BY REGION, SELECTED YEARS 1959 TO 1971

Region and state	Per-capita effective buying income							
	1959	1961	1966	1967	1968	1969	1970	1971
1	2	3	4	5	6	7	8	9
NEW ENGLAND	$2,127	$2,187	$2,778	$2,939	$3,185	$3,366	$3,595	$3,854
Connecticut	2,518	2,503	3,146	3,292	3,553	3,694	4,021	4,313
Maine	1,668	1,491	2,154	2,303	2,476	2,625	2,879	2,964
Massachusetts	2,134	2,259	2,794	2,955	3,213	3,434	4,640	3,949
New Hampshire	1,808	1,891	2,483	2,655	2,873	2,982	3,237	3,306
Rhode Island	1,883	2,041	2,616	2,786	3,068	3,190	3,302	3,560
Vermont	1,668	1,631	2,293	2,507	2,622	2,852	2,917	3,058
MIDDLE ATLANTIC	2,133	2,268	2,809	2,984	3,225	3,416	3,744	4,057
New Jersey	2,275	2,350	2,931	3,098	3,310	3,542	3,879	4,200
New York	2,241	2,420	2,933	3,127	3,389	3,579	3,956	4,325
Pennsylvania	1,901	1,997	2,545	2,692	2,918	3,086	3,333	3,554
EAST NORTH CENTRAL	2,021	2,056	2,781	2,922	3,175	3,305	3,442	3,688
Illinois	2,257	2,274	3,068	3,208	3,581	3,640	3,808	4,086
Indiana	1,867	1,909	2,747	2,831	2,952	3,123	3,211	3,421
Michigan	1,964	1,959	2,839	2,982	3,180	3,279	3,369	3,647
Ohio	1,999	2,043	2,587	2,736	2,937	3,187	3,355	3,568
Wisconsin	1,777	1,895	2,462	2,649	2,989	3,005	3,144	3,382
WEST NORTH CENTRAL	1,757	1,850	2,496	2,637	2,781	2,960	3,192	3,421
Iowa	1,732	1,806	2,582	2,779	2,876	3,029	3,306	3,510
Kansas	1,797	1,857	2,493	2,653	2,820	3,006	3,289	3,596
Minnesota	1,750	1,821	2,496	2,695	2,835	3,035	3,206	3,439
Missouri	1,834	1,974	2,532	2,636	2,787	2,947	3,096	3,305
Nebraska	1,752	1,881	2,518	2,651	2,775	2,945	3,308	3,445
North Dakota	1,520	1,592	2,212	2,279	2,341	2,529	2,917	3,215
South Dakota	1,499	1,538	2,135	2,225	2,375	2,649	2,962	3,325
SOUTH ATLANTIC	1,554	1,699	2,212	2,373	2,550	2,718	2,969	3,224
Delaware	2,396	2,462	2,903	3,038	3,142	2,895	3,117	3,564
District of Columbia	2,361	2,766	3,367	3,603	3,703	4,002	4,551	5,214
Florida	1,717	1,760	2,238	2,378	2,588	2,853	3,091	3,286
Georgia	1,419	1,444	2,085	2,241	2,398	2,585	2,798	3,029
Maryland	1,899	2,080	2,741	2,907	3,121	3,254	3,383	3,743
North Carolina	1,291	1,465	1,973	2,136	2,297	2,454	2,749	2,943
South Carolina	1,149	1,031	1,768	1,926	2,072	2,209	2,520	2,796
Virginia	1,550	1,851	2,202	2,384	2,589	2,728	2,973	3,247
West Virginia	1,437	1,553	1,972	2,109	2,224	2,294	2,561	2,763
EAST SOUTH CENTRAL	1,275	1,329	1,846	1,996	2,112	2,260	2,511	2,691
Alabama	1,300	1,287	1,805	1,932	2,028	2,150	2,441	2,627
Kentucky	1,304	1,412	1,975	2,141	2,266	2,457	2,662	2,835
Mississippi	1,064	1,137	1,569	1,739	1,835	1,931	2,198	2,376
Tennessee	1,352	1,413	1,942	2,091	2,231	2,396	2,626	2,804
WEST SOUTH CENTRAL	1,532	1,615	2,099	2,261	2,463	2,641	2,867	3,050
Arkansas	1,222	1,283	1,802	1,909	2,026	2,218	2,543	2,631
Louisiana	1,451	1,431	1,989	2,169	2,376	2,435	2,676	2,832
Oklahoma	1,595	1,689	2,179	2,308	2,478	2,680	2,826	3,006
Texas	1,601	1,719	2,171	2,344	2,567	2,777	3,008	3,200
MOUNTAIN	1,746	1,846	2,287	2,380	2,560	2,780	2,962	3,125
Arizona	1,674	1,755	2,163	2,280	2,502	2,839	3,054	3,174
Colorado	1,893	2,072	2,473	2,593	2,831	3,003	3,080	3,343
Idaho	1,618	1,625	2,237	2,249	2,360	2,463	2,739	2,824
Montana	1,736	1,818	2,304	2,385	2,502	2,647	2,960	3,031
Nevada	2,231	2,388	2,892	2,917	3,128	3,398	3,756	4,056
New Mexico	1,585	1,602	1,965	2,084	2,200	2,409	2,531	2,734
Utah	1,640	1,717	2,171	2,278	2,392	2,581	2,754	2,809
Wyoming	1,856	2,093	2,374	2,325	2,579	2,396	2,981	3,043
PACIFIC	2,153	2,302	2,866	3,019	3,239	3,437	3,653	3,558
Alaska	2,267	2,384	2,990	3,081	3,395	3,650	3,735	3,994
California	2,250	2,397	2,921	3,083	3,306	2,514	3,75.	4,742
Hawaii	1,739	2,048	2,591	2,734	2,924	3,064	3,048	4,009
Oregon	1,813	1,940	2,618	2,620	2,790	2,985	3,127	3,311
Washington	1,946	2,040	2,731	2,938	3,173	3,320	3,418	3,937

SOURCE: Sales Management, "Survey of Buying Power," various issues. © 1960, 1962, 1967, 1968, 1969, 1970, 1971, and 1972, Sales Management Survey of Buying Power; further reproduction is forbidden.

TABLE 90.–PER-CAPITA PERSONAL INCOME BY STATE AND REGION, SELECTED YEARS 1950 TO 1971

(In current dollars)

Region and state	1950	1960	1962	1964	1966	1968	1969	1970	1971
1	2	3	4	5	6	7	8	9	10
UNITED STATES	$1,496	$2,216	$2,370	$2,590	$2,987	$3,436	$3,708	$3,933	$4,156
NEW ENGLAND	1,601	2,419	2,600	2,797	3,197	3,725	4,012	4,259	4,454
Maine	1,186	1,834	1,887	2,105	2,433	2,779	3,010	3,242	3,375
New Hampshire	1,323	2,135	2,282	2,414	2,797	3,224	3,418	3,620	3,796
Vermont	1,121	1,839	1,976	2,146	2,638	3,035	3,262	3,448	3,638
Massachusetts	1,633	2,453	2,637	2,825	3,200	3,747	4,058	4,343	4,562
Rhode Island	1,605	2,216	2,422	2,650	3,048	3,546	3,705	3,918	4,126
Connecticut	1,875	2,800	3,022	3,218	3,671	4,276	4,605	4,817	4,995
MIDEAST	1,756	2,565	2,733	2,973	3,359	3,878	4,182	4,453	4,697
New York	1,873	2,742	2,921	3,183	3,571	4,157	4,470	4,731	5,000
New Jersey	1,834	2,708	2,890	3,089	3,483	3,995	4,288	4,577	4,811
Pennsylvania	1,541	2,247	2,371	2,599	2,982	3,402	3,688	3,942	4,147
Delaware	2,132	2,772	2,879	3,141	3,469	3,876	4,205	4,353	4,673
Maryland	1,602	2,340	2,556	2,792	3,158	3,675	3,991	4,287	4,522
District of Columbia	2.221	3,023	3,223	3,542	3,934	4,551	4,908	5,466	5,870
GREAT LAKES	1,666	2,388	2,527	2,777	3,245	3,663	3,956	4,098	4,348
Michigan	1,701	2,338	2,467	2,810	3,314	3,775	4,075	4,133	4,430
Ohio	1,620	2,338	2,438	2 566	3,117	3,528	3,827	3,977	4,175
Indiana	1,512	2,198	2,368	2,603	3,056	3,419	3,716	3,787	4,027
Illinois	1,825	2,646	2,816	3,042	3,531	3,970	4,279	4,486	4,775
Wisconsin	1,477	2,175	2,321	2,509	2,911	3,270	3,495	3,712	3,912
PLAINS	1,428	2,065	2,235	2,404	2,873	3,249	3,509	3,741	3,958
Minnesota	1,410	2,110	2,237	2,418	2,866	3,296	3,595	3,855	4,032
Iowa	1,485	1,986	2,182	2,319	3,011	3,258	3,532	3,750	3,877
Missouri	1,431	2,113	2,271	2,483	2,846	3,300	3,478	3,713	3,940
North Dakota	1,263	1,714	2,151	1,985	2,424	2,667	3,006	3,069	3,538
South Dakota	1,242	1,783	1,996	1,883	2,461	2,819	2,987	3,164	3,441
Nebraska	1,490	2,108	2,236	2,349	2,914	3,172	3,594	3,792	4,030
Kansas	1,443	2,159	2,323	2,527	3,000	3,397	3,639	3,918	4,192
SOUTHEAST	1,022	1,612	1,756	1,969	2,320	2,731	2,978	3,214	3,442
Virginia	1,228	1,842	2,020	2,273	2,622	3,098	3,351	3,650	3,895
West Virginia	1,065	1,612	1,727	1,943	2,250	2,545	2,738	3,034	3,275
Kentucky	981	1,581	1,768	1,916	2,288	2,666	2,881	3,099	3,306
Tennessee	994	1,544	1,703	1,893	2,267	2,634	2,882	3,075	3,300
North Carolina	1,037	1,558	1,732	1,935	2,316	2,711	2,989	3,218	3,424
South Carolina	893	1,372	1,541	1,719	2,104	2,483	2,718	2,933	3,142
Georgia	1,034	1,637	1,782	2,028	2,413	2,852	3,153	3,354	3,599
Florida	1,281	1,.46	2,025	2,245	2,569	3,077	3,394	3,664	3,930
Alabama	880	1,493	1,587	1,799	2,092	2,429	2,664	2,876	3,087
Mississippi	755	1,205	1,327	1,526	1,836	2,185	2,370	2,597	2,788
Louisiana	1 120	,662	1,766	1,973	2,323	2,744	2,864	3,054	3,252
Arkansas	325	1,376	1,564	1,785	2,106	2,417	2,616	2.864	3,078
SOUTHWEST	1,297	1,927	2,037	2,225	2,590	3,016	3,257	3,514	3,686
Oklahoma	1,143	1,865	1,936	2,138	2,508	2,886	3,088	3,332	3,515
Texas	1,349	1,931	2,047	2,251	2,638	3,079	3,321	3,573	3,726
New Mexico	1,177	1,886	2,011	2,102	2,364	2,672	2,877	3,127	3,298
Arizona	1,330	2,030	2,160	2,268	2,547	3,010	3,319	3,620	3,913
ROCKY MOUNTAIN	1,457	2,106	2,274	2,371	2,674	3,011	3,277	3,557	3,809
Montana	1,622	2,036	2,264	2,255	2,652	2,899	3,170	3,444	3,629
Idaho	1,295	1,846	2,038	2,145	2,440	2,712	3,038	3,264	3,409
Wyoming	1,668	2,267	2,386	2,435	2,765	3,077	3,380	3,674	3,929
Colorado	1,487	2,271	2,401	2,530	2,839	3,233	3,519	3,831	4,153
Utah	1,309	1,971	2,162	2,270	2,495	2,810	2,976	3,221	3,442
FAR WEST	1,801	2,615	2,793	3,021	3,376	3,868	4,122	4,327	4,522
Washington	1,674	2,340	2,583	2,721	3,231	3,690	3,924	3,984	4,132
Oregon	1,620	2,223	2,358	2,594	2,925	3,309	3,528	3,718	3,959
Nevada	2,018	2,.48	3,188	3,177	3,385	3,862	4,264	4,552	4,822
California	1,852	2,704	2,867	3,111	3,447	3,956	4,214	4,444	4,640
Alaska[a]	2,384	2,824	2,699	2,997	3,380	3,899	4,223	4,586	4,875
Hawaii[a]	1,386	2,366	2,567	2,813	3,185	3,755	4,097	4,557	4,738

SOURCE: U.S. Department of Commerce. *Survey of Current Business*, various issues.

[a]Included beginning with 1960.

TABLE 91.—PER-CAPITA PERSONAL INCOME BY STATE AND REGION, SELECTED YEARS 1950 TO 1971

(Index: United States = 100.0)

Region and state	1950	1960	1962	1964	1966	1968	1969	1970	1971
1	2	3	4	5	6	7	8	9	10
UNITED STATES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NEW ENGLAND	107.0	109.2	109.7	108.0	107.0	108.4	108.2	108.3	107.2
Maine	79.2	82.8	79.6	81.3	81.5	80.9	81.2	82.4	81.2
New Hampshire	88.4	96.3	96.3	93.2	93.6	93.8	92.2	92.6	91.3
Vermont	74.9	83.0	83.4	82.9	88.3	88.3	88.0	87.7	87.5
Massachusetts	109.2	110.7	111.3	109.1	107.1	109.1	109.4	110.4	109.8
Rhode Island	107.3	100.0	102.2	102.3	102.0	103.2	99.9	99.6	99.3
Connecticut	125.3	126.4	127.5	124.2	122.9	124.4	124.2	122.5	120.2
MIDEAST	117.4	115.7	115.3	114.8	112.5	112.9	112.8	113.2	113.0
New York	125.2	123.7	123.2	122.9	119.6	121.0	120.6	120.3	120.3
New Jersey	122.6	122.2	121.9	119.3	116.6	116.3	115.6	116.4	115.8
Pennsylvania	103.0	101.4	100.0	100.3	99.8	99.0	99.5	100.2	99.8
Delaware	142.5	125.1	121.5	121.3	116.1	112.8	113.4	110.7	112.4
Maryland	107.1	105.6	107.8	107.8	105.7	107.0	107.6	109.0	108.8
District of Columbia	148.5	136.4	136.0	136.8	132.7	132.5	132.4	139.0	141.2
GREAT LAKES	111.4	107.8	106.6	107.2	108.6	106.6	106.7	104.2	104.6
Michigan	113.7	105.5	104.1	108.5	110.9	109.9	109.9	105.1	106.6
Ohio	108.3	105.5	102.9	102.9	104.4	102.7	103.2	101.1	100.5
Indiana	101.1	99.2	99.9	100.5	102.3	99.5	100.2	96.3	96.9
Illinois	122.0	119.4	118.8	117.5	118.2	115.5	115.4	114.1	114.9
Wisconsin	98.7	98.1	97.9	96.9	97.5	95.2	94.3	94.4	94.1
PLAINS	95.5	93.2	94.3	92.8	96.2	94.6	94.6	95.1	95.2
Minnesota	94.3	95.2	94.4	93.4	95.9	95.9	97.0	98.0	97.0
Iowa	99.3	89.6	92.1	93.4	100.8	94.8	95.3	95.3	93.3
Missouri	95.7	95.4	95.8	95.9	95.3	96.0	93.8	94.4	94.8
North Dakota	84.4	77.3	90.8	76.6	81.2	77.6	81.1	78.0	85.1
South Dakota	83.0	80.5	84.2	72.7	82.4	82.0	80.6	80.4	82.8
Nebraska	99.6	95.1	94.3	90.7	97.6	92.3	96.9	96.4	97.0
Kansas	96.5	97.4	98.0	97.6	100.4	98.9	98.1	99.6	100.9
SOUTHEAST	68.3	72.7	74.1	76.0	77.7	79.5	80.3	81.7	82.8
Virginia	82.1	83.1	85.2	87.8	87.8	90.2	90.4	92.8	93.8
West Virginia	71.2	72.7	72.9	75.0	75.3	74.1	73.8	77.1	78.8
Kentucky	65.6	71.3	74.6	74.0	76.6	77.6	77.7	78.8	79.5
Tennessee	66.4	69.7	71.9	73.1	75.9	76.7	77.7	78.2	79.4
North Carolina	69.3	70.3	73.1	74.7	77.5	78.9	80.6	81.8	82.4
South Carolina	59.7	61.9	65.0	66.4	70.4	72.3	73.3	74.6	75.6
Georgia	69.1	73.9	75.2	78.3	80.8	83.0	85.0	85.3	86.6
Florida	85.6	87.8	85.4	86.7	86.0	89.6	91.5	93.2	94.6
Alabama	58.8	67.4	67.0	69.5	70.0	70.7	71.8	73 1	74.3
Mississippi	50.5	54.4	56.0	58.9	61.5	63.6	63.9	66.0	67.1
Louisiana	74.9	75.0	74.5	76.2	77.8	79.9	77.2	77.7	78.2
Arkansas	55.1	62.1	66.0	68.9	70.5	70.3	70.6	72.8	74.1
SOUTHWEST	86.7	87.0	85.9	85.9	86.7	87.8	87.8	89.3	88.7
Oklahoma	76.4	84.2	81.7	82.5	84.0	84.0	83.3	87.7	84.6
Texas	90.2	87.1	85.4	86.9	88.3	89.6	89 6	90.8	89.7
New Mexico	78.7	85.1	84.9	81.2	79.1	77.8	77.6	79.5	79.4
Arizona	88.9	91.6	91.1	87.6	85.3	87.6	89.5	92.0	94.2
ROCKY MOUNTAIN	97.4	95.0	95.9	91.5	89.5	87.6	88.4	90.4	91.7
Montana	108.4	91.9	95.5	87.1	88.8	84.4	85.5	87.6	87.3
Idaho	86.6	83.3	86.0	82.8	81.7	78.9	81.9	83.0	82.0
Wyoming	111.5	102.3	100.7	94.0	92.6	89.6	91.2	93.4	94.5
Colorado	99.4	102.5	101.3	97.7	95.0	94.1	94.9	97.4	99.9
Utah	87.5	88.9	91.2	87.6	83.5	81 8	80.3	81.9	82.8
FAR WEST	120.4	118.0	117.8	116.6	113.0	112.6	111.2	110.0	108.8
Washington	111.9	105.6	109.0	105.1	108.2	107.4	105.8	101.3	99.4
Oregon	108.3	100.3	99.5	100.0	97.9	96.3	95.1	94.5	95.3
Nevada	134.9	128.5	134.5	122.7	113.3	112.4	115.0	115.7	116.0
California	123.8	122.0	121.0	120.1	115.4	115.1	113.6	113.0	111.6
Alaska	159.4	127.4	113.9	115.7	113.2	113.5	113.9	116.6	117.3
Hawaii	92.6	106.8	108.3	108.6	106.6	109.3	110.5	115.9	114.0

SOURCE: Computed from data in Table 90.

TABLE 92.–AVERAGE INDIVIDUAL INCOME PER INCOME TAX RETURN, SELECTED YEARS 1966-1970 BY GEOGRAPHIC REGION

Region[a]	Average income per income tax return				Percent increase,	Index: U.S. average equals 100.0			
	1966	1968	1969	1970	1970 over 1969	1966	1968	1969	1970
1	2	3	4	5	6	7	8	9	10
U.S. AVERAGE	$6,678	$7,520	$7,958	$8,504	6.9	100.0	100.0	100.0	100.0
NORTH									
New England	6,789	7,716	8,246	8,750	6.1	101.7	102.6	103.6	102.9
Mideast	7,131	8,149	8,560	9,210	7.6	106.8	108.4	107.6	108.3
SOUTH									
Southeast	5,772	6,526	7,011	7,339	4.7	86.4	86.8	88.1	86.3
MIDDLE									
Great Lakes	7,116	7,929	8,407	8,907	5.9	106.6	105.4	105.6	104.7
Plains	6,069	6,742	7,183	7,765	8.1	90.9	89.7	90.3	91.3
WEST									
Southwest	5,974	6,831	7,232	7,908	9.3	89.5	90.8	90.9	93.0
Rocky Mountain	6,132	6,723	7,230	7,683	6.3	91.8	89.4	90.9	90.3
Far West	7,297	8,141	8,486	8,997	6.0	109.3	108.3	106.6	105.8

SOURCE: U.S. Department of the Treasury, Internal Revenue Service. *Statistics of Income*, 1966, 1968, 1969, and 1970 editions. Data computed in regional form by NEA Research.

[a] For state composition of regions see Table 22.

TABLE 93.–AVERAGE INDIVIDUAL INCOME PER INCOME TAX RETURN AND AVERAGE SALARIES OF CLASSROOM TEACHERS, 1970

By Geographic Region

Region[a]	Average income		Index: U.S. average = 100.0	
	Per income tax return	Classroom teachers (salaries)[b]	Per income tax return	Classroom teachers (salaries)
1	2	3	4	5
U.S. AVERAGE	$8,504	$8,845	100.0	100.0
NORTH				
New England	8,750	8,901	102.9	100.6
Mideast	9,210	9,876	108.3	111.7
SOUTH				
Southeast	7,339	7,491	86.3	84.7
MIDDLE				
Great Lakes	8,907	9,346	104.7	105.7
Plains	7,765	8,141	91.3	92.0
WEST				
Southwest	7,908	7,691	93.0	87.0
Rocky Mountain	7,683	7,781	90.3	88.0
Far West	8,997	9,908	105.8	112.0

SOURCE: U.S. Department of the Treasury, Internal Revenue Service. *Statistics of Income, 1970.* Publication 79 (10-72). Data prepared in regional form by NEA Research. Salaries for classroom teachers from NEA Research.

[a] For state composition of regions see Table 22.

[b] Calendar-year basis.

TABLE 94.–AVERAGE INCOME PER INCOME TAX RETURN, 125 LARGEST STANDARD METROPOLITAN AREAS, 1969, BY REGION

Region and SMA	Average income per income tax return	Ratio to U.S. average	Ratio to regional average
1	2	3	4
UNITED STATES–TOTAL	$7,958	100.0	...
NORTH:			
NEW ENGLAND	8,246	103.6	100.0
Boston, Mass.	8,579	107.8	104.0
Bridgeport, Conn.	9,215	115.8	111.8
Hartford, Conn.	8,875	111.5	107.6
New Haven, Conn.	8,824	110.9	107.0
Providence–Pawtucket–Warwick, R.I.	6,997	87.9	84.9
Springfield–Chicopee–Holyoke, Mass.	8,366	105.1	101.5
Worcester, Mass.	7,646	96.1	92.7
MIDEAST	8,560	107.6	100.0
Albany–Schenectady, N.Y.	8,314	104.5	97.1
Allentown–Bethlehem, Pa.	8,195	103.0	95.7
Baltimore, Md.	8,087	101.6	94.5
Binghamton, N.Y.	7,948	99.9	92.9
Buffalo, N.Y.	8,158	102.5	95.3
Erie, Pa.	7,786	97.8	91.0
Harrisburg, Pa.	8,538	107.3	99.7
Jersey City, N.J.	7,872	98.9	92.0
Johnstown, Pa.	6,513	81.8	76.1
Lancaster, Pa.	7,531	94.6	88.0
New York City	9,441	118.6	110.3
Newark, N.J.	9,526	119.7	111.3
Paterson–Clifton–Passaic, N.J.	9,351	117.5	109.2
Philadelphia, Pa.	8,319	104.5	97.2
Pittsburgh, Pa.	8,127	102.1	94.9
Reading, Pa.	7,558	95.0	88.3
Rochester, N.Y.	9,220	115.9	107.7
Scranton, Pa.	6,507	81.8	76.0
Syracuse, N.Y.	7,428	93.3	86.8
Trenton, N.J.	8,979	112.8	104.9
Utica–Rome, N.Y.	7,759	97.5	90.6
Washington, D.C.	9,897	124.4	115.6
Wilkes-Barre–Hazelton, Pa.	6,703	84.2	78.3
Wilmington, Del.	9,015	113.3	105.3
York, Pa.	7,991	100.4	93.4
SOUTH:			
SOUTHEAST	7,011	88.1	100.0
Atlanta, Ga.	8,642	108.6	123.3
Augusta, Ga.–S.C.	6,611	83.1	94.3
Baton Rouge, La.	$8,403	105.6	119.9
Birmingham, Ala.	7,751	97.4	110.6
Charleston, S.C.	6,420	80.7	91.6
Charleston, W. Va.	7,769	97.6	110.8
Charlotte N.C.	8,056	101.2	114.9
Chattanooga, Tenn.	7,432	93.4	106.0
Columbia, S.C.	7,240	91.0	103.3
Columbus, Ga.	7,576	95.2	108.1
Fort Lauderdale, Fla.	8,485	106.6	121.0
Greensboro–High Point, N.C.	8,084	101.6	115.3
Greenville, S.C.	6,288	79.0	89.7
Huntington–Ashland, W. Va.	8,298	104.3	118.4
Jackson, Miss.	7,388	92.2	104.7
Jacksonville, Fla.	7,549	94.9	107.7
Knoxville, Tenn.	7,838	98.5	111.8
Little Rock, North Little Rock, Ark.	7,643	96.0	109.0
Louisville, Ky.	8,417	105.8	120.1
Memphis, Tenn.	7,449	93.6	106.2
Miami, Fla.	7,701	96.8	109.8
Mobile, Ala.	7,121	89.5	101.6
Nashville, Tenn.	8,377	105.3	119.5
New Orleans, La.	7,934	99.7	113.2
Newport News–Hampton, Va.	8,017	100.7	114.3
Norfolk–Portsmouth, Va.	7,549	94.9	107.7
Orlando, Fla.	7,021	88.2	100.1
Pensacola, Fla.	6,526	82.0	93.1
Richmond, Va.	8,029	100.9	114.5
Shreveport, La.	7,667	96.3	109.4
Tampa–St. Petersbur Fla.	6,921	87.0	98.7
West Palm Beach, Fla.	8,479	106.5	120.9
MIDDLE:			
GREAT LAKES	8,407	105.6	100.0
Akron, Ohio	8,847	111.2	105.2
Canton, Ohio	7,628	95.9	90.7
Chicago, Ill.	9,284	116.7	110.4
Cincinnati, Ohio	8,298	104.3	98.7
Cleveland, Ohio	9,100	114.4	108.2
Columbus, Ohio	7,948	99.9	94.5
Dayton, Ohio	8,587	107.9	102.1
Detroit, Mich.	9,260	116.4	110.1
Evansville, Ind.	8,248	103.6	98.1

TABLE 94.–AVERAGE INCOME PER INCOME TAX RETURN, 125 LARGEST STANDARD METROPOLITAN AREAS, 1969, BY REGION (CONTINUED)

Region and SMA	Average income per income tax return	Ratio to U.S. average	Ratio to regional average
1	2	3	4
GREAT LAKES (Cont'd)			
Flint, Mich.	$8,308	104.4	98.8
Fort Wayne, Ind.	7,708	96.9	91.7
Gary–Hammond–East Chicago, Ind.	8,493	106.7	101.0
Grand Rapids, Mich.	8,108	101.9	96.4
Indianapolis, Ind.	8,130	102.2	96.7
Lansing, Mich.	9,393	118.0	111.7
Lorain–Elyria, Ohio	8,242	103.6	98.0
Madison, Wis.	8,120	102.0	96.6
Milwaukee, Wis.	8,372	105.2	99.6
Peoria, Ill.	8,115	102.0	96.5
Rockford, Ill.	8,358	105.0	99.4
South Bend, Ind.	8,041	101.0	95.6
Toledo, Ohio	8,560	107.6	101.8
Youngstown–Warren, Ohio	7,899	99.3	94.0
PLAINS	7,213	90.6	100.0
Davenport, Iowa	7,467	93.8	103.5
Des Moines, Iowa	8,704	109.4	120.7
Duluth, Minn.–Superior, Wis.	7,247	91.1	100.5
Kansas City, Mo. and Kansas	8,444	106.1	117.1
Minneapolis–St. Paul, Minn.	8,761	110.1	121.5
Omaha, Nebr.	7,671	96.4	106.4
St. Louis, Mo.	8,698	109.3	120.6
Wichita, Kansas	7,830	98.4	108.6
WEST:			
SOUTHWEST	7,232	90.9	100.0
Albuquerque, N. Mex.	6,736	84.6	93.1
Austin, Texas	7,627	95.8	105.5
SOUTHWEST (Cont'd)			
Beaumont–Port Arthur, Texas	$7,284	91.5	100.7
Corpus Christi, Texas	7,099	89.2	98.2
Dallas, Texas	9,086	114.2	125.6
El Paso, Texas	5,840	73.4	80.8
Fort Worth, Texas	7,936	99.7	109.7
Houston, Texas	8,523	107.1	117.9
Oklahoma City, Okla.	7,633	95.9	105.5
Phoenix, Ariz.	7,751	97.4	107.2
San Antonio, Texas	7,318	92.0	101.2
Tucson, Ariz.	8,368	105.2	115.7
Tulsa, Okla.	8,581	107.8	118.7
ROCKY MOUNTAINS	7,230	90.9	100.0
Denver, Colo.	8,513	107.0	117.7
Salt Lake City, Utah	7,594	95.4	105.0
FAR WEST	8,486	106.6	100.0
Anaheim–Santa Ana–Garden Grove, Calif.	9,782	122.9	115.3
Bakersfield, Calif.	8,036	101.0	94.7
Fresno, Calif.	6,665	83.8	78.5
Honolulu, Hawaii	8,470	106.4	99.8
Los Angeles–Long Beach, Calif.	8,786	110.4	103.5
Portland, Oregon	8,264	103.8	97.4
Sacramento, Calif.	8,398	105.5	99.0
San Bernardino–Riverside–Ontario, Calif.	7,434	93.4	87.6
San Diego, Calif.	8,206	103.1	96.7
San Francisco–Oakland, Calif.	9,052	113.7	106.7
San Jose, Calif.	10,140	127.4	119.5
Seattle–Everett, Wash.	9,104	114.4	107.3
Spokane, Wash.	7,862	98.8	92.6
Stockton, Calif.	7,153	89.9	84.3
Tacoma, Wash.	8,173	102.7	96.3

SOURCE: U.S. Department of the Treasury, Internal Revenue Service. *Individual Income Tax Returns–1969.* Publication 79. Washington, D.C.: Government Printing Office, 1971.

Computed by NEA Research from IRS data.

V. WEEKLY AND HOURLY EARNINGS

TABLES 95 THROUGH 101 give information on hourly and weekly earnings which is significant in making comparative salary studies between the teaching profession and other workers.

In Table 95 the mean salaries paid to teachers for the years 1950 to 1972 have been converted to weekly rates and compared with the weekly rates of nonsupervisory employees in selected industries for the same period. Even though these are nonprofessional workers for the most part, several groups, notably workers in contract construction, mining, have had consistently higher weekly rates than teachers.

Table 96 shows the average hourly rate and average weekly and annual earnings of all nonsupervisory workers on private nonagricultural payrolls for 1947 through 1972.

Table 97 shows a distribution of usual weekly earnings of full-time workers by sex, for May 1971.

Table 98 shows increases in average hourly earnings for various groups of production or nonsupervisory workers for recent years.

Table 99 shows the average gross hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls between 1947 and 1972, and an index relationship to 1967.

Table 100 shows wage rate increases in major collective bargaining agreements, 1969 to 1972.

The Hourly Earnings Index from 1969 through 1972 is shown on a monthly basis in Table 101.

TABLE 95.–AVERAGE GROSS WEEKLY EARNINGS, TEACHERS AND NONSUPERVISORY EMPLOYEES, SELECTED INDUSTRIES, 1950 TO 1972 (Calendar years)

Calendar year	Public-school teachers[a]	Total–nonagricultural private industries	Manufacturing		Wholesale and retail trade	Contract construction	Mining
			Durable goods	Nondurable goods			
1	2	3	4	5	6	7	8
1950	$ 54.29	$ 53.13	$ 62.43	$ 53.48	$ 44.55	$ 69.68	$ 67.16
1951	60.06	57.86	68.48	56.88	47.79	76.96	74.11
1952	64.56	60.65	72.63	59.95	49.20	82.86	77.59
1953	67.67	63.76	76.63	62.57	51.35	86.41	83.03
1954	72.04	64.52	76.19	63.18	53.33	88.91	82.60
1955	75.13	67.72	82.19	66.63	55.16	90.90	89.54
1956	79.15	70.74	85.28	70.09	57.48	96.38	95.06
1957	83.65	73.33	88.26	72.52	59.60	100.27	98.65
1958	89.35	75.08	89.27	74.11	61.76	103.78	96.08
1959	93.52	78.78	96.05	78.61	64.41	108.41	103.68
1960	97.85	80.67	97.44	80.36	66.01	113.04	105.44
1961	102.98	82.60	100.35	82.92	67.41	118.08	106.92
1962	107.44	85.91	104.70	85.93	69.91	122.47	110.43
1963	111.92	88.46	108.09	87.91	72.01	127.19	114.40
1964	116.58	91.33	112.19	90.91	74.28	132.06	117.74
1965	121.00	95.06	117.18	94.64	76.53	138.38	123.52
1966	126.92	98.82	122.09	98.49	79.02	146.26	130.24
1967	135.15	101.84	123.60	102.03	81.76	154.95	135.89
1968	146.13	107.73	132.07	109.05	86.40	164.93	142.71
1969	157.31	114.61	139.59	115.53	91.14	181.54	155.23
1970	170.12	119.46	143.07	120.43	95.66	195.98	164.40
1971	181.04	126.91	153.12	128.12	100.74	212.24	171.74
1972[b]	189.25	135.78	167.27	137.76	106.00	223.25	186.15
Percent increase, 1962 to 1972	76.1	58.0	59.8	60.3	51.6	82.3	68.6

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings.* Various issues.

[a]Computed by NEA Research. Salaries for teachers are their *annual* earnings regardless of length of school year. Hourly rates, therefore, are based on a 52-week work year.

[b]Preliminary data.

TABLE 96.–AVERAGE WEEKLY AND ANNUAL EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS, ALL PRIVATE NONAGRICULTURAL PAYROLLS,[a] 1947-1972

Year	Average weekly hours	Average hourly rate	Average weekly earnings	Estimated annual earnings[b]	
				Amount	Index: 1962=100.0
1	2	3	4	5	6
1947	40.3	$1.131	$ 45.58	$2,370	53.1
1948	40.0	1.225	49.00	2,548	57.0
1949	39.4	1.275	50.24	2,612	58.5
1950	39.8	1.335	53.13	2,763	61.9
1951	39.9	1.45	57.86	3,009	67.4
1952	39.9	1.52	60.65	3,154	70.6
1953	39.6	1.61	63.76	3,316	74.2
1954	39.1	1.65	64.52	3,355	75.1
1955	39.6	1.71	67.72	3,521	78.8
1956	39.3	1.80	70.74	3,678	82.3
1957	38.8	1.89	73.33	3,813	85.4
1958	38.5	1.95	75.08	3,904	87.4
1959	39.0	2.02	78.78	4,097	91.7
1960	38.6	2.09	80.67	4,195	93.9
1961	38.6	2.14	82.60	4,295	96.1
1962	38.7	2.22	85.91	4,467	100.0
1963	38.8	2.28	88.46	4,600	103.0
1964	38.7	2.36	91.33	4,749	106.3
1965	38.8	2.45	95.06	4,943	110.7
1966	38.6	2.56	98.82	5,139	115.0
1967	38.0	2.68	101.84	5,296	118.5
1968	37.8	2.85	107.73	5,602	125.4
1969	37.7	3.04	114.61	5,960	133.4
1970	37.1	3.22	119.46	6,212	139.1
1971	37.0	3.43	126.91	6,599	147.7
1972[c]	37.2	3.65	135.78	7,061	158.1

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings*, various issues.

[a]Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities and services.

[b]Computed by NEA Research from weekly earnings shown in report.

[c]Preliminary data.

TABLE 97.–DISTRIBUTION OF USUAL WEEKLY EARNINGS OF FULL-TIME WORKERS BY SEX, MAY 1971

Distribution of usual weekly earnings, May 1971	Total–men and women		Percent distribution		Men and women
	Total (in thousands)	Percent distribution	Men	Women	
1	2	3	4	5	6
Total	57,642	100.0	66.0	34.0	100.0
Under $60	3,634	6.3	33.5	66.5	100.0
$60–99	11,735	20.4	37.5	62.5	100.0
100–199	29,403	51.0	70.4	29.6	100.0
200 or more	12,870	22.3	91.2	8.8	100.0

SOURCE: *Monthly Labor Review*, March 1972, page 29.

TABLE 98.–INCREASES IN AVERAGE GROSS HOURLY EARNINGS OF PRIVATE NONAGRICULTURAL PRODUCTION OR NONSUPERVISORY WORKERS, 1960 TO 1971

Industry	Percent change year to year							
	1960 to 1965*	1965 to 1966	1966 to 1967	1967 to 1968	1968 to 1969	1969 to 1970	1970 to 1971	1971 to 1972[a]
1	2	3	4	5	6	7	8	9
Total private	3.2	4.5	4.7	6.3	6.7	5.9	6.2	7.0
Mining	2.3	4.5	4.6	5.0	7.5	6.4	4.5	8.4
Contract construction	3.7	5.1	5.7	7.3	8.4	9.3	8.3	5.2
Manufacturing	2.9	4.2	4.0	6.4	6.0	5.3	6.2	8.6
Durable goods	2.8	3.9	3.4	6.3	6.3	5.3	7.0	9.2
Nondurable goods	2.9	3.8	4.9	6.6	6.2	5.8	6.4	7.5
Wholesale and retail trade	3.5	4.9	5.2	7.1	6.7	5.9	5.3	5.2
Wholesale trade	3.1	4.6	5.5	5.9	5.9	6.5	6.2	5.7
Retail trade	3.7	4.9	5.2	7.5	6.5	6.1	5.0	4.7
Finance, insurance and real estate	3.4	3.3	4.5	6.6	6.2	5.1	7.1	5.8
Services	5.7[b]	5.9	5.5	6.1	7.4	7.7	6.5	5.3
Transportation and public utilities	5.2[b]	2.6	4.2	5.6	6.4	5.8	5.6	11.0

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Reviews*, various issues.

[a]Preliminary data.

[b]Data not available for years 1960 through 1963; percentage change from 1964 to 1965.

*Average of yearly changes.

NOTE: Data relate to production workers in mining and manufacturing, to construction workers in contract construction, and generally, to nonsupervisory workers in all other industries.

TABLE 99.–AVERAGE GROSS HOURLY EARNINGS SELECTED YEARS 1947 TO 1972

(Production or nonsupervisory workers on private nonagricultural payrolls)

Year	Average hourly earnings	Index: 1967=100.0
1	2	3
1947	$1.13	42.6
1950	1.34	50.0
1952	1.52	56.4
1954	1.65	61.7
1956	1.80	67.0
1958	1.95	73.2
1960	2.09	78.4
1961	2.14	80.8
1962	2.22	83.5
1963	2.28	85.9
1964	2.36	88.6
1965	2.45	91.9
1966	2.56	95.6
1967	2.68	100.0
1968	2.85	106.6
1969	3.04	113.6
1970	3.22	121.2
1971	3.43	129.7
1972[a]	3.65	137.8

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics.

NOTE: The index shown in column 3 was constructed by weighting the average hourly earnings in each industry by the man-hours existing in that industry in 1967.

[a]Preliminary data.

TABLE 100.–FIRST-YEAR WAGE RATE CHANGES IN COLLECTIVE BARGAINING AGREEMENTS COVERING 1,000 WORKERS OR MORE, 1968, AND 1970 TO 1972

Type of wage-rate action[a]	Percent of workers affected							
	All industries				Manufacturing			
	1968	1970	1971	1972[b]	1968	1970	1971	1972[b]
1	2	3	4	5	6	7	8	9
All wage actions	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No wage increase	c	c	c	1	c	c	1	1
Under 1 percent	...	...	c	c	...	...	1	...
1 but less than 2 percent	c	...	c	1	c	c	c	c
2 but less than 3 percent	2	c	c	2	2	c	c	2
3 but less than 4 percent	2	1	1	4	2	1	1	2
4 but less than 5 percent	7	1	1	7	8	1	2	6
5 but less than 6 percent	12	3	3	20	11	6	4	23
6 but less than 7 percent	19	17	9	20	27	33	16	24
7 but less than 8 percent	34	11	5	16	25	18	7	19
8 but less than 9 percent	6	8	7	7	7	10	9	16
9 but less than 10 percent	6	5	10	8	8	6	6	2
10 percent or more	12	54	61	12	9	24	53	4
Not specified	1	1	1	...	1	c	c	...
Mean adjustment (percent)	7.4	11.9	11.6	7.0	7.0	8.1	10.9	6.6
Median adjustment (percent)	7.2	10.0	12.5	6.3	6.9	7.5	10.1	6.2
Number of workers (thousands)	4,589	4,675	3,978	2,092	2,277	2,184	1,913	792

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. Quoted in *Economic Report of the President*, January 1973.

[a]Percent of estimated average family earnings excluding overtime.

[b]Preliminary data.

[c]Less than 0.5 percent.

TABLE 101.–HOURLY EARNINGS INDEX (1967=100.0)

Month	Year			
	1969	1970	1971	1972
1	2	3	4	5
January	110.0	117.4	126.0	134.6
February	110.8	118.0	126.7	134.8
March	111.4	118.9	127.1	135.5
April	112.0	119.3	128.1	136.7
May	112.6	119.9	128.9	136.7
June	113.3	120.6	129.4	137.1
July	113.9	121.4	130.1	137.8
August	114.4	122.4	130.8	138.3
September	115.1	123.1	131.4	139.3
October	115.9	123.5	131.8	140.3[a]
November	116.7	124.2	131.8	140.5[a]
December	117.0	124.9	133.6	141.9[a]

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. The index measures earnings of production or nonsupervisory workers in the private nonfarm economy. It is seasonally adjusted and excludes the effects of overtime premium pay in manufacturing, and inter-industry employment shifts.

[a]Preliminary data.