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# A MONTHLY CHARTBOOK OF SOCIAL & ECONOMIC TRENDS

PEOPLE	COMMUNITY	ECONOMY	OTHER TRENDS
			Special Feature HEALTH

Compiled by the Federal Statistical System

# message from the president

This second edition of **STATUS** magazine continues to fulfill the promise of the first issue. It allows the American people to make sense-and good use-of the flood of statistics which the Federal Government generates.

STATUS contains essentially the same computerdrawn charts which have been prepared regularly for my information over the past year. It seemed to me that other Americans could benefit from these presentations and deserved access to them. Thus, the idea of STATUS magazine was born.

Prior to STATUS, statistics generated by over 150 Government agencies and some 20,000 Federal employees were so overwhelming in total that they were useful only on a piecemeal basis.

Harrel P. Ford

STATUS magazine pulls together, in one place, the facts of American life. interrelates them intelligently, and presents them simply and graphically so that the reader can see where the Nation is headed.

STATUS provides an essential raw material of intelligent decisionmaking. It offers a perspective that can improve our personal plans as well as our Nation's future.



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#### INTRODUCTION

STATUS, a monthly chartbook which depicts social and economic trends, and important events, is an attempt to breathe life into the many numbers which spill daily from the multiple and diverse agencies of the Federal Statistical System.

STATUS is a graphic presentation of current statistical information focussing on major social and economic conditions within the United States.

There is an extensive use of color in presenting charts and maps. The major purpose of the chartbook is to digest complex statistical information, and to relay this information in a readily understandable form, quickly and accurately. The graphic techniques used represent the current "state of the art." However, experimentation with different and innovative techniques is

continuous, and as new techniques are developed they will be applied. The goal is to constantly improve the understandability of timely, important statistical information.

STATUS has been designed for different audiences. It is not intended for the exclusive use of professional statisticians, economists, or other social scientists. Although it will be useful for the professional, it is directed also at the general public, and decisionmakers and policymakers in numerous fields of business, government, and academia.

In each edition of STATUS, major sections provide current statistical graphic information about the people, the community, and economy, and other areas such as science and the environment. Each

1000

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#### **Divorces** Increase, Marriages Decrease in First 5 Months of '76

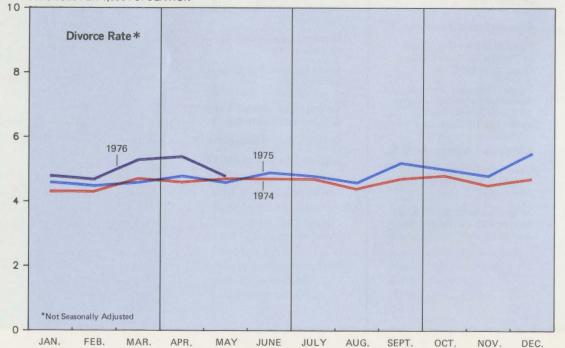
For the period January to May 1976 a total of 733,000 marriages were reported, one percent fewer than the total for the first 5 months of 1975. The marriage rate for January to May was 8.2 per 1,000 population compared to 8.4 a

year earlier. From January to May, there were 433,000 divorces. The divorce rate for the period was 5.0 per 1,000 population. Both the number and rate for the first 5 months of 1976 exceeded those of 1975 by 9 percent.

### MARRIAGES PER 1,000 POPULATION



**DIVORCES PER 1,000 POPULATION** 



DIVORCE Per 1,000 RATE Population May 1974 4.7 May 1975 4.6 May 1976 4.8

MARRIAGE

May 1974

May 1975

May 1976

RATE

Per 1,000

Population

10.8

10.7

10.3

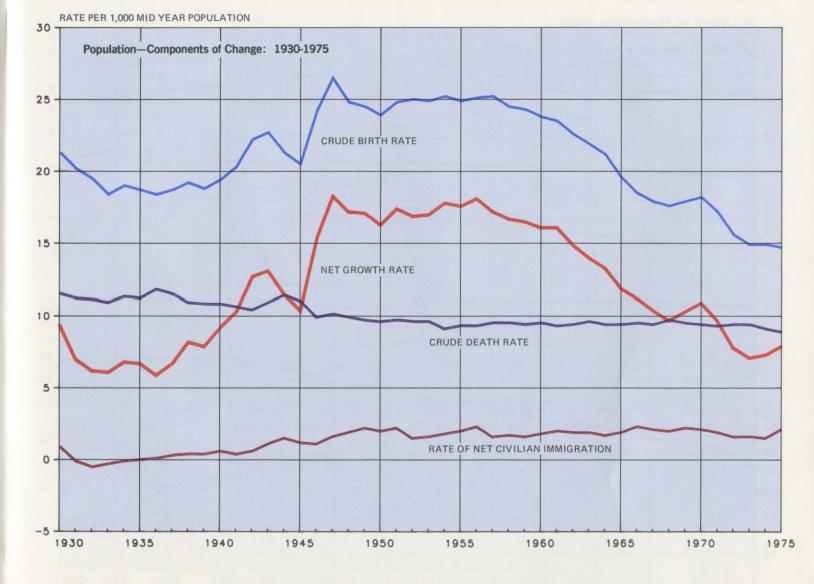
### **POPULATION: COMPONENTS OF CHANGE**

'75 Population Story: Lowest Birth, Death Rates in U.S. History

The 1975 growth rate of 7.9 per 1,000 midyear population was the highest in the last 3 years. Since 1972 the rate of growth has remained below 8 per 1,000. For most of the period since World War II, the population grew more rapidly:

Between 1941 and 1967, the rate of growth stayed above 10 per 1,000, while in 1947 and 1956, growth rates surpassed 18 per 1,000.

Fluctuations in population growth since the Second World War have been due largely to fluctuations in fertility because the levels of death and immigration have not varied much.



COMPONENTS OF CHANGE	1960	1970	1975
	Rate Per 1	,000 Midyear	Population
Net Growth Rate	16.1	10.9	7.9
Crude Birth Rate	23.8	18,2	14,7
Crude Death Rate	9.5	9,4	8.9
Net Civilian Immigration Rate	1.8	2.1	2,1

SOURCE NATIONAL CENTER FOR HEALTH STATISTICS

During 1975 both the crude birth rate and the crude death rate reached their lowest levels in American history.

Net civilian immigration to the United States in 1975 was estimated at 2.1 persons per 1,000 population. About 130,000 Vietnamese refugees are included, making the number of immigrants higher than it has been since 1969.

Even in a year of high immigration such as 1975 (50 percent more immigrants than in 1974), the relative contribution of immigration to population change is small: about one-quarter of the net change in population was attributable to immigration last year.

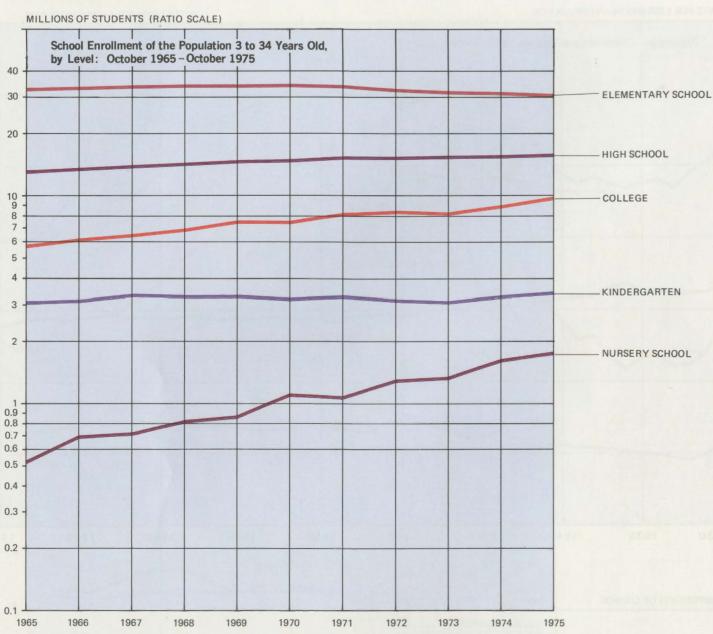
#### SCHOOL ENROLLMENT 6

#### College, Nursery School Enrollments Up; Grade School Down 6%

The number of persons enrolled at the highest and lowest levels of the education system increased substantially from 1965 to 1975.

During the 10-year period, large increases in enrollment were reported for nursery schools (a 236-percent gain) and colleges (a gain of 71 percent), while there were more moderate increases in high school (21 percent) and kindergarten (11 percent).

At the same time elementary school enrollment decreased by 6 percent.



SCHOOL ENROLLMENT (Persons 3-34 Years) 1965 1970 1975 Millions of Students **30,4** 15,7 Elementary School 32.5 13.0 34.0 High School 14.7 7.4 3.2 College 5.7 9.7 3.4 Kindergarten 3.1 Nursery School 0.5 1.1 1.7

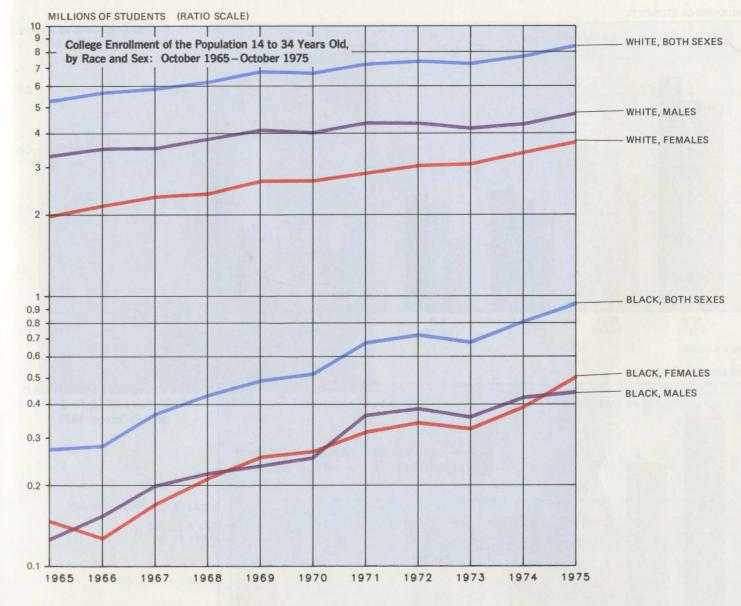
### SCHOOL ENROLLMENT

#### **Black Enrollment in** College Up 21/2 Times Between 1965 and 1975

The rate of increase in college enrollment was greater for blacks than whites from 1965 to 1975. During that period, black college enrollment of 14- to 34-year-olds increased about 21/2 times while white enrollment

increased by only 60 percent.

As a group, females have had a greater rate of increase in college enrollment than males. White females have increased to 44 percent of white college enrollment in 1975 from 37 percent in 1965. Black females have remained about half of black college enrollment.



COLLEGE ENROLLMENT (Persons 14-34 Years)	1965	1970	1975
	M	illions of Stude	nts
White, Both Sexes	5.32	6.76	8.52
Male	3.33	4.07	4.77
Female	1.99	2.69	3,74
Black, Both Sexes	0.27	0.52	0,95
Female	0.15	0.27	0.51
Male	0.13	0.25	0.44





7

#### SCHOOL ENROLLMENT 8

#### **10.9 Million Persons** Enrolled in College; Up One-Third Since '70

There were about 10.9 million persons enrolled in college in October 1975, an increase of about onethird since 1970. The largest increase in college enrollment during the past 5 years occurred among persons 25 to 34 years old;

MILLIONS OF STUDENTS

#### 1970 3.5 1974 3 1975 2.5 2 1.5 0.5 0 **35 YEARS** 16-19 20-21 22-24 25-29 30-34 YEARS AND OVER YEARS YEARS YEARS YEARS

although the number of 16-

to 19-year-old college

students increased sub-

stantially between 1974

and 1975. Most college

students are still in the

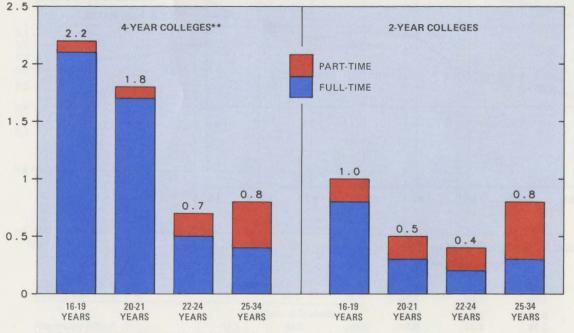
21 years old.

traditional age groups for

college attendance-16 to

\*Not Available

MILLIONS OF STUDENTS



\*\*Includes Persons Not Reporting Type of College

#### Two-Thirds of All **Undergraduates Attend 4-Year Colleges**

Approximately two-thirds of undergraduate students under 25 years old were attending 4-year colleges in 1975, and most were attending full time.

Older students, 25 to 34 years old, were equally divided between 2- and 4-year colleges, and slightly more than half were attending part time.

College Enrollment by Age:

October 1970, 1974, 1975

**Undergraduate Enrollment** 

by Age and Full-Time

Status: October 1975

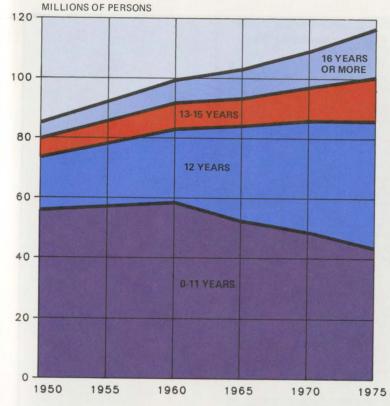
### **EDUCATIONAL ATTAINMENT**

Adults Go to School Longer; 2 of 3 Finish High School in 1975

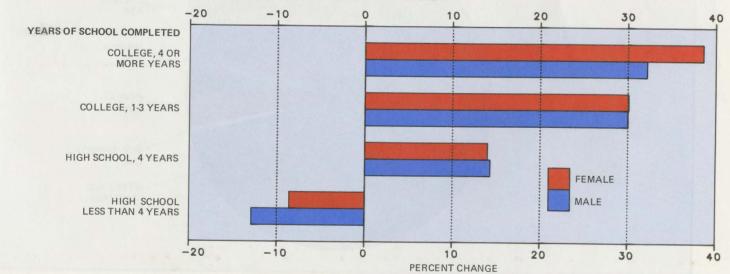
Between 1950 and 1975, while the size of the adult population (25 years old and over) in the U.S. increased by a third, the number of adults with less than 4 years of high school decreased by approximately one-fifth.

During the same period, the number of high school graduates more than doubled in size, from 17.6 million in 1950 to 42.4 million in 1975. By 1975, two out of three adults had a high school diploma.

At the college level, 1 out of 14 adults had completed 4 years of college in 1950, compared with 1 out of 7 in 1975.



Percent Change in Years of School Completed by Persons 25 Years Old and Over: 1975 Over 1970



SOURCE BUREAU OF THE CENSUS

The greatest percent increase in educational attainment for adults from 1970 to 1975 occurred among female college graduatesa gain of 38.6 percent. The increase among male college graduates was slightly lower-32 percent. Between 1970 and 1975. there was a decrease among both males and females with less than 4 years of

high school-12.9 and 8.6 percent, respectively.

Years of School Completed by Persons 25 Years Old and Over: 1950-1975

EDUCATIONAL ATTAINMENT	1950	1960
	Millions	of Persons
0-11 Years	56.0	58.7
12 Years	17.6	24.4
13-15 Years	6.2	8.7
16 Years or More	5.3	7.6
	1970	1975
	Millions	of Persons
0-11 Years	48.9	43.7
12 Years	37.1	42.4
13-15 Years	11.2	14.5
16 Years or More	12.1	16.3

### 10 LANGUAGE USAGE IN THE U.S.

#### Spanish Spoken as Usual Language by 4 Million in U.S.

In July 1975, 96 percent of the population 4 years old and over in the United States reported English as their usual language. About 3.3 percent, or

6.5 million persons, reported they usually speak a language other than English.

Spanish was the usual language of 4 million persons-2 percent of the population. No other language was reported by as much as 1 percent of the population.

#### 10% of U.S. Population Speak Second Language; English, Spanish Lead

Approximately 90 percent of the population reported that they did not speak a second language. However, among those

who did use a second language, Spanish-2.2 percent (4.3 million persons)-was close behind English-2.5

percent (4.9 million persons).

Other languages reported as the second language of a million or more persons 4 years old or over included French, German, and Italian.

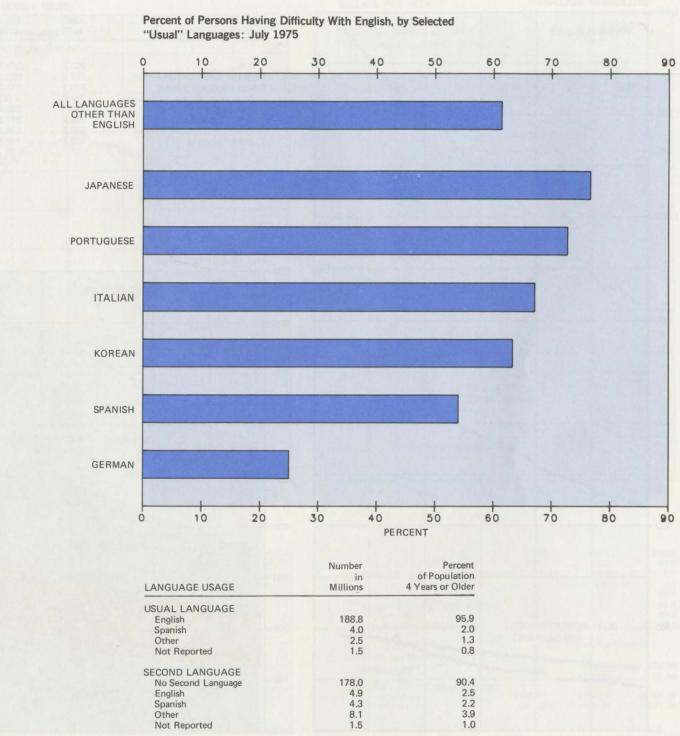
### LANGUAGE USAGE IN THE U.S.

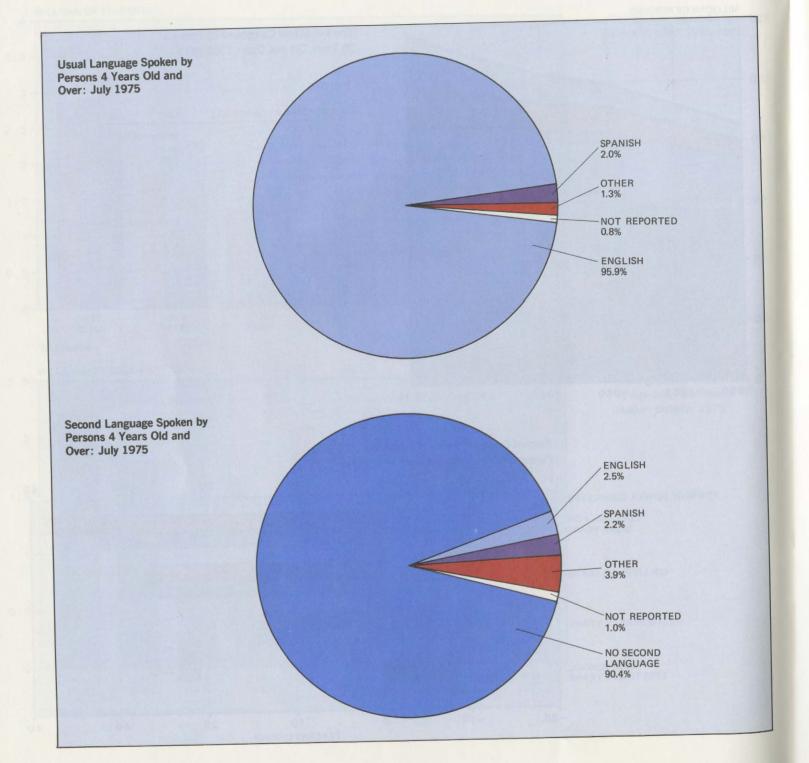
**English Difficult** for 61% of Persons **Using Other Languages** 

Among persons whose usual language was not English, a substantial 61 percent reported they experience difficulty with English. The proportion having difficulty varied by the primary language used by

survey respondents.

NOTE: Some of the estimates in the chart below are based on a small number of sample cases. The percentages for persons who usually speak Japanese, Portugese, Italian, and Korean may not differ from each other if a complete census were taken.



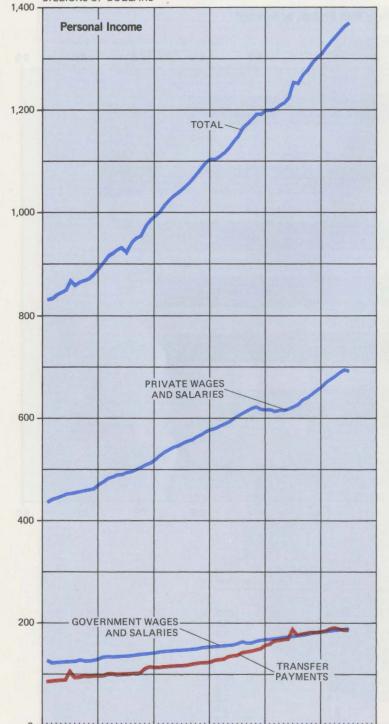


#### 12 PERSONAL INCOME

#### \$6-Billion Increase in Personal Income Posted During June

Total personal income increased \$6 billion in June to a seasonally adjusted annual rate of \$1,368.9 billion. This was the smallest dollar increase in 14 months. Private wages and salaries declined \$2.2

BILLIONS OF DOLLARS

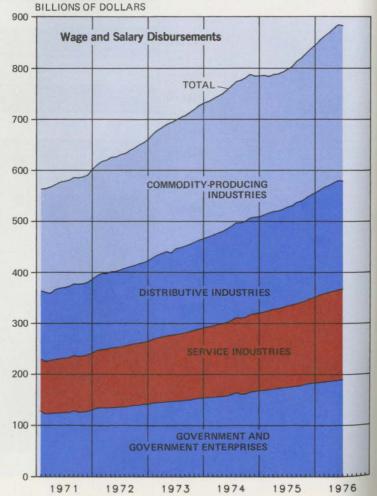


billion in June, compared with a May increase of \$5.3 billion. This was the first decrease since April 1975 and was largely a result of declining average weekly hours. Payrolls in commodity-producing industries were virtually unchanged following a \$1.8billion increase in May. Distributive industry payrolls declined \$2.2 billion in June, compared with a \$1.6-billion increase in May. Payrolls in service industries edged up \$0.2 billion, compared with a \$1.9-billion increase in May.

Government and government enterprise wages and salaries increased \$1 billion, about the same as in May. Transfer payments were unchanged in June, remaining at a level of \$187.1 billion. This was the second straight month that transfer payments did not increase.

Note: Personal income data have been revised back to 1973 to reflect the revisions of the national income and product accounts that are made each July.

PERSONAL INCOME	JUNE 1975	MAY 1976	JUNE 1976
	1	Billions of Doll	ars
TOTAL	1.253.7	1,362.9	1,368.9
Wage and Salary Disbursements	797.4	883.3	882.1
Private Wages and Salaries	622.6	694.6	692.4
Commodity-Producing Industries	269.9	303.5	303.4
Distributive Industries	193.3	213.9	211.7
Service Industries	159.4	177.2	177.4
Government Wages and Salaries	174.8	188.7	189.7
Transfer Payments	189.2	187.1	187.1



### **AVERAGE WORKWEEK & REAL EARNINGS**

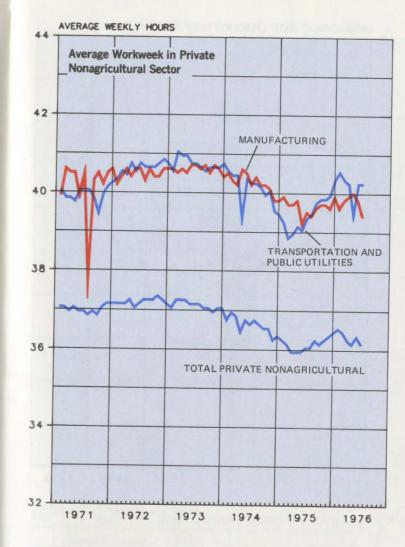
#### Average Workweek; Spendable Earnings Drop During June

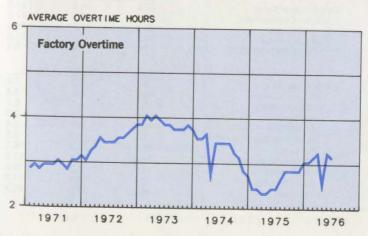
The length of the average workweek for all production and nonsuperviosry workers on private nonagricultural payrolls declined 0.2 hour in June to 36.1 hours, a return to the lower April level.

With the exception of

the manufacturing workweek, which remained unchanged, all major U.S. industries declined over the month. Transportation and public utilities dropped 0.4 hour to 39.4 hours and led all decreases.

Factory overtime edged downward 0.1 hour, but remained 0.8 hour above the low recorded in April 1975.





SOURCE BUREAU OF ECONOMIC ANALYSIS

1973

1974

1975

1976

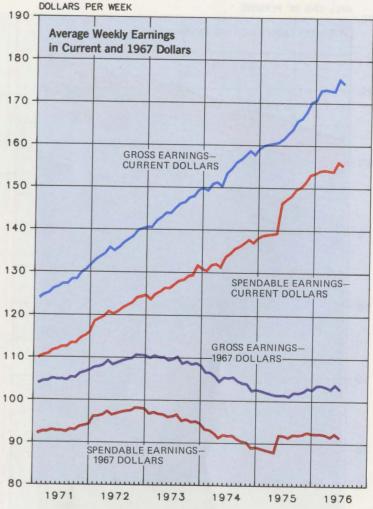
1972

1971

SOURCE BUREAU OF LABOR STATISTICS

Real gross average weekly earnings (1967 dollars) decreased 1 percent in June to \$102.50. This was due to the combined effects of the 0.6-percent decrease in average weekly hours, no change in the average hourly earnings, and a 0.5-percent increase in the consumer price index.

Real spendable earningsaverage real weekly pay minus Social Security and Federal income tax rates applicable to a married worker with three dependents who earned the average amount-decreased 0.9 percent to \$91.15. Over last May, real spendable earnings dropped 0.4 percent, due to the offsetting effect of reduced tax liabilities starting in May 1975.



AVERAGE WORKWEEK	JUNE	MAY	JUNE
	1975	1976	1976
		Average Weekly	Hours
Private Nonagricultural	36.0	36.3	36.1
Transportation and Public Utilities	39.5	39.8	39.4
Manufacturing	39.3	40.2	40.2
Factory Overtime	2.4	3.2	3.1
REAL EARNINGS		Dollars Per We	ek
Gross Average Weekly Earnings Current Dollars 1967 Dollars Spendable Average Weekly Earnings	\$162.26 \$101.10	\$175.33 \$103.56	174.36 102.50
Current Dollars	\$146.91	\$155.78	\$155.04
1967 Dollars	\$91.48	\$92.01	\$91.15

#### 14 EMPLOYMENT & UNEMPLOYMENT

#### Unemployment Rate Up to 7.5% During June While **Employment Dips**

Total civilian employment moved downward for the first time since November 1975 while unemployment moved upward.

The number of people with jobs declined 197,000 to 87.5 million. Adult men were the hardest hit

group, with 311,000 losing their jobs. Adult female employment, rising 181,000 in June, was partially offsetting.

An additional 283,000 workers were unemployed in June, bringing the total up to 7.1 million.

The civilian labor force, edging upward 86,000, remained virtually unchanged at 94.6 million.

10

9

8

7

6

5

3

2

0

1976

White, Total

Adult Males

Adult Males

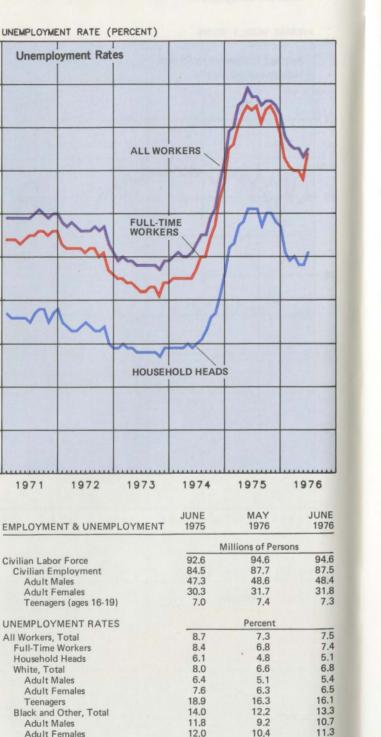
Teenagers

Adult Females

Teenagers Black and Other, Total

Adult Females

The overall unemployment rate moved upward in June to 7.5 percent, the first increase in 9 months. Unemployment among heads of households, especially among male family heads, increased in June, as did the rates for married men and full-time workers.



8.0

6.4

7.6

18.9

14.0

11.8

12.0

36.0

6.6

5.1

6.3

16.3

12.2

9.2

40.3

10.4

38.5

### **EMPLOYMENT & UNEMPLOYMENT**

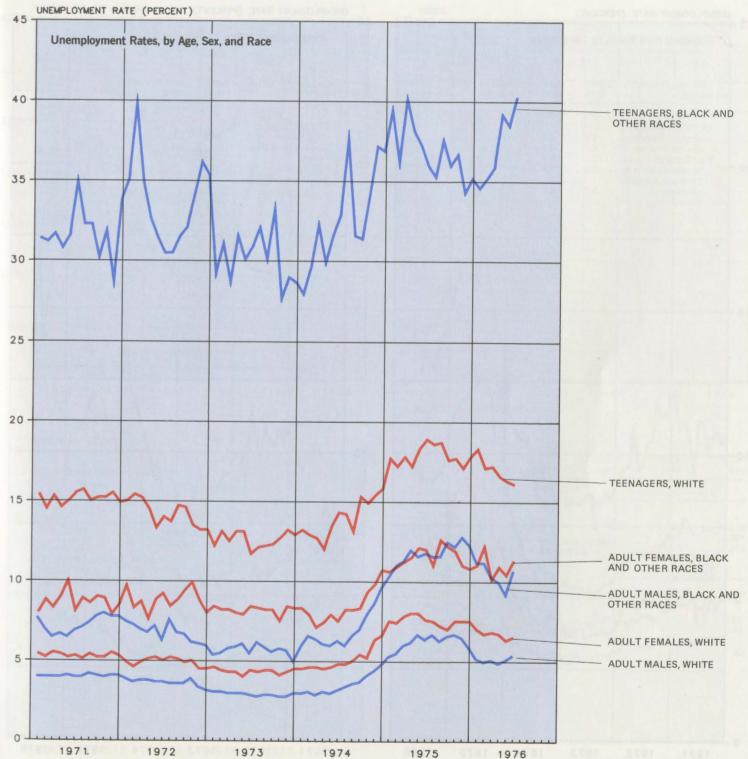
#### Black Jobless Rates Increase for Males. Females, Teenagers

Increased unemployment rates were registered for every category of worker except white teenagers.

Joblessness rose most among black workers. The rate for black adult males jumped from 9.2 percent to 10.7

percent, while the rate among black adult women climbed from 10.4 percent to 11.3 percent. The unemployment rate for black teenagers edged upward to a 5-year high of 40.3 percent.

Unemployment increases among white worker categories were less pronounced. An overall increase from 6.6 percent to 6.8 percent



# MILLIONS OF PERSONS 100 **Civilian Labor Force and Employment** CIVILIAN LABOR FORCE 90 TEENAGE EMPLOYMENT CIVILIAN 80 70 ADULT FEMALE 60 50 -40 ADULT MAL 30 20 10

1972 1973 1974 1975 1971

SOURCE BUREAU OF LABOR STATISTICS

SOURCE BUREAU OF LABOR STATISTICS

was the result of small gains among male and female workers, which was partially offset by a decline in white teenage unemployment.

#### **Unemployment Rate** for White-Collar Workers Down to 4.4%

The overall white-collar unemployment rate dropped to 4.4 percent, the lowest level since February 1975. A decline to 6.1 percent in the jobless rate for clerical workers was mainly responsible for the lowered

UNEMPLOYMENT RATE (PERCENT)

**Unemployment Rates, by Occupation** 

25

white-collar unemployment Joblessness among blue-

collar workers rose from 9 percent to 9.3 percent in June. The increased rate resulted from a rise of 1.1 percentage points in the rate among unemployed craft and kindred workers. The jobless rate in construction, rising

rate.

from 14.1 percent to 17 percent, led all industries in June unemployment rate increases.

The increase from 7.3 percent to 7.6 percent in manufacturing primarily occurred in the nondurable sector, which surpassed the iobless rate in durable manufacturing for the second time this year.

The drop to 4.2 percent in the unemployment rate among government workers was the major offsetting movement among industry groups.

### DURATION OF UNEMPLOYMENT & HELP-WANTED INDEX

Number of Long-Term Unemployed Increases; Help-Wanted Ads Dip

The number of workers unemployed from 5 to 14 weeks rose 314,000 (16,1 percent) in June, and the number unemployed 15 weeks or more went up 217,000. This marks the first increase in this category in 6 months. As a result, the average unemployed

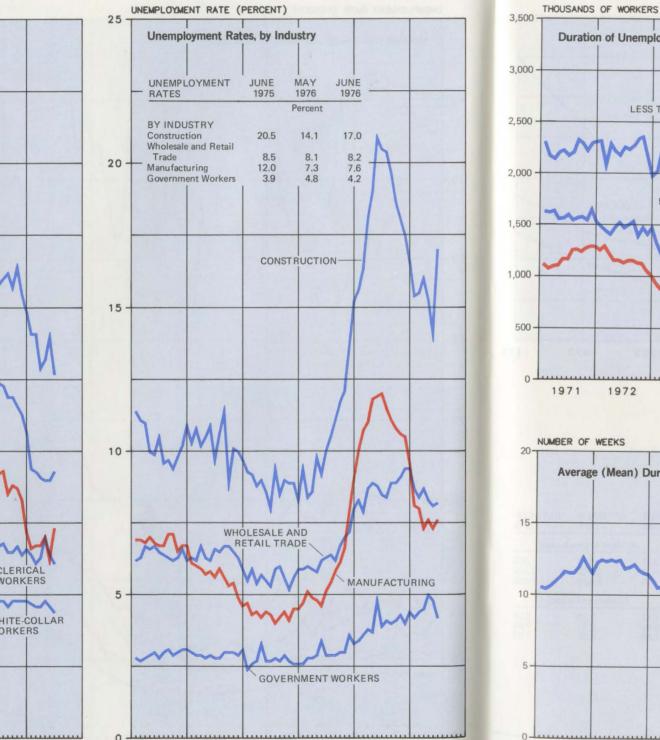
worker was without a job for 16.9 weeks, up almost 2 weeks over the May level and about equal to the recession high of last December. The number of workers unemployed less than 5 weeks declined for the second consecutive month.

The Index of Help-Wanted Advertising, reflecting the 0.2-percent decline in May's unemployment rate, rose to

15 WEEKS AND OVER

1.975

1976



1974 1975 1976

**Duration of Unemployment** LESS THAN 5 WEEKS 5 TO 14 WEEKS 1972 1973



1.974

SOURCE BUREAU OF LABOR STATISTICS

UNEMPLOYMENT JUNE MAY JUNE RATES 1975 1976 1976 Percent BY OCCUPATION White-Collar Workers 4.8 4.6 4.4 Clerical Workers 6.7 6.4 6.1 12.4 9.3 9.0 Blue-Collar Workers 20 -12.7 15.8 14.0 Nonfarm Laborers Craft and Kindred 6.2 7.3 92 Workers NONFARM LABORERS 15 10 5 BLUE-COLLAR WORKERS CRAFT AND KINDRED CLERICAL WORKERS WORKERS WHITE-COLLAR WORKERS

SOURCE BUREAU OF LABOR STATISTICS

1972

1971

1973

1974 1975

1976

1971

1972

1973

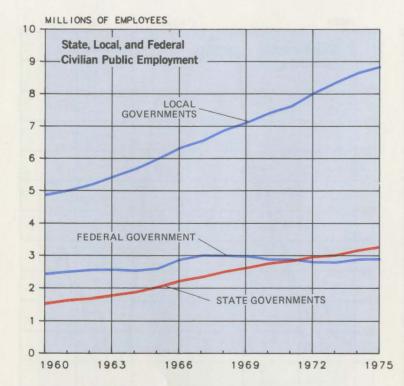
93 in May, 19 points above the level of a year ago. However, the Index, which measures the volume of classified advertising in 51 major U.S. newspapers. remains 36 points below the July 1973 high.



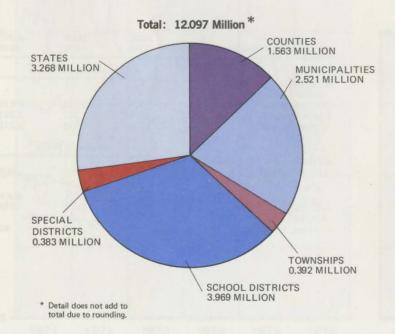
DURATION OF UNEMPLOYMENT	JUNE 1975	MAY 1976	JUNE 1976
	т	housands of Per	sons
NUMBER OF WORKERS			
Less Than 5 Weeks	2,733	2,855	2,618
5 to 14 Weeks	2,511	1,947	2,261
15 Weeks and Over	2,751	1,998	2,215
		Number of Wee	ks
AVERAGE (MEAN) DURATION OF	-		
UNEMPLOYMENT	15.3	15.0	16.9
	MAY	APRIL	MAY
INDEX OF HELP-WANTED ADVERTISING	1975	1976	1976
(Index, 1967=100)	74	91	93
(Index, 1967=100)	14	91	9

#### States, Localities Pace '74-'75 Increase in Public Employment

Total civilian public employment in October 1975 was 14,986,000, an increase of 358,000 (2.4 percent) over October 1974. Most of the rise was accounted for by local governments, which recorded an increase of 189,000 employees.



Number of State and Local Government Employees, by Type of Government: October 1975



The number of State govern-In 1975 school districts employed nearly one-third of all public employees employment edged upward to

ment workers rose 113,000

to 3,268,000, while Federal

Since 1960 the number of

local government employees

cent, while State employment

has shot up over 80 per-

has more than doubled. In

contrast, Federal employ-

ment has increased 19 per-

cent over the same period.

2,890,000.

Local government payrolls in 1975 continued to increase more rapidly in absolute amount than those of Federal or State governments. Public civilian payrolls for the month of October 1975 totaled \$13.2 billion, about \$1,2 billion more than for October 1974.

October Payrolls of State, Local,

BILLIONS OF DOLLARS

and Federal Civilian

Public Employees

8

6

5

4

3

2

1960

1963

1966

The Federal Government portion was nearly \$3.6 billion, and payrolls of State and of local governments were about \$2.7 billion and \$7 billion. respectively.

LOCAL-

FEDERAL

STATE

1969

1972

1975

#### Special Feature

health

National Health Expenditures

National Health Expenditures Selected Fiscal Years 20

National Health Expenditures as Percent of GNP: Selected Fiscal Years 20

National Health Expenditures by Type: Selected Fiscal Years 21

Personal Health Care Expenditures

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Drugs and Prescriptions 24 Dentists' Fees 24

Health Status

Health Status-Good or Excellent: 1974 25

Nonfederal Hospital Beds

Nonfederal Hospital Beds: 1974 26

#### Hospital Discharges

Discharges From Short-Stay Hospitals: 1964 and 1974 27

OCTOBER 1960	OCTOBER 1974	OCTOBER 1975
(Millions of Employees)		
2.421 1.527 4.860	2.874 3.155 8.639	2.890 3.268 8.828
	(Billions of De	ollars)
1.12 0.52 1.69	3.29 2.41 6.38	3.58 2.65 7.01
	1960 () 2.421 1.527 4.860 1.12 0.52	1960 1974 (Millions of Emp 2.421 2.874 1.527 3.155 4.860 8.639 (Billions of Do 1.12 3.29 0.52 2.41

**Physician Visits** Physician Visits: 1964 and 1974 28

#### **Dentist Visits**

Dentist Visits: 1964 and 1974 29

#### **Nursing Homes**

Nursing Home Residents, by Sex: 1973-74 30

Nursing Home Residents, by Age: 1973-74 30

Nursing Home Residents, by Monthly Charges: 1973-74 30

Nursing Home Beds: Selected Years 31

Nursing Home Employees: Selected Years 31

Expenditures for Nursing Home Care: Selected Years 31

#### **Death Rates**

Age-Adjusted Death Rates: 1900-1975 32

#### Infant Mortality

Infant Mortality Rates: 1960-1975 33

#### Life Expectancy

Life Expectancy at Birth: Selected Years 34

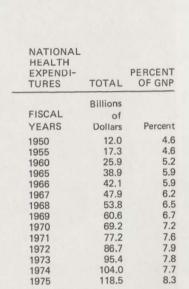
Life Expectancy at Age 65: Selected Years 34

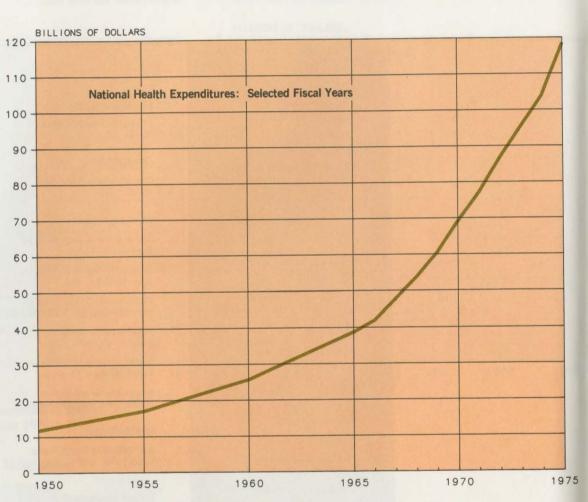
#### NATIONAL HEALTH EXPENDITURES 20

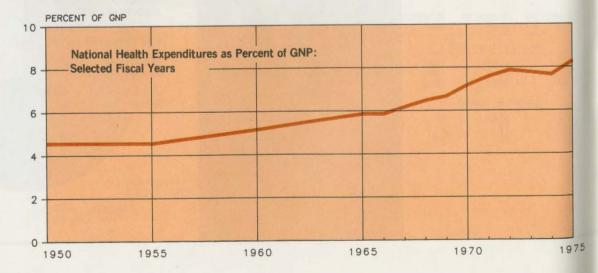
#### **Health Care Spending** Increases 14% After **Price Freeze Ends**

Americans spent \$118.5 billion for health care in Fiscal Year 1975, This amount, spent during the first full year after the economic stabilization program ended, was up 14 percent from the 1974 total.

This increase in health expenditures was accompanied by a slackening in the growth of the gross national product (GNP) in 1975. Accordingly, health care outlays as a proportion of GNP rose from the 1974 level of 7.7 to an unprecedented level of 8.3 percent.







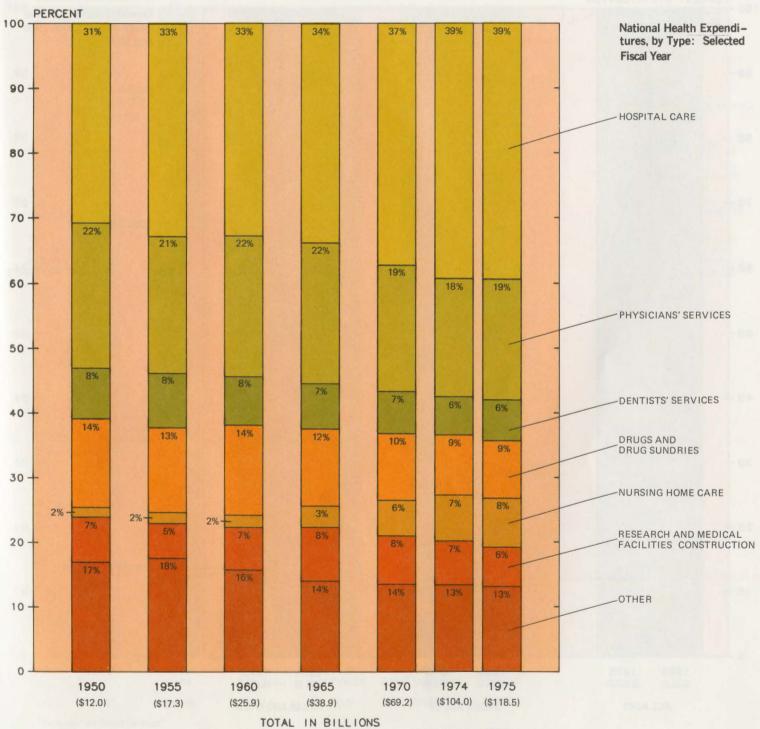
#### NATIONAL HEALTH EXPENDITURES

#### **Hospital Care Takes** Major Share of Health Expenditures in U.S.

Hospital care continues to represent the major share (39.4 percent) of spending for health purposes. Hospital expenditures in 1975 totaled \$46.6 billion, 16.5 percent more than the amount a year earlier. This rise in hospital

expenditures in recent years has been due primarily to increased expense per patient day rather than to increased use of hospitals.

Expenditures for nursing home care is the most rapidly growing component of medical care, increasing



from \$3.8 billion (or 5.5 percent of the total) in 1970 to \$9.0 billion (or 7.6 percent) in 1975.

Note: Other expenses-13.1 percent of the totalare composed of Government public health activities, expenses for prepayment and

administration, eyeglasses and appliances, professional services other than physicians and dentists, plus other miscellaneous health services.

#### 22 PERSONAL HEALTH CARE EXPENDITURES

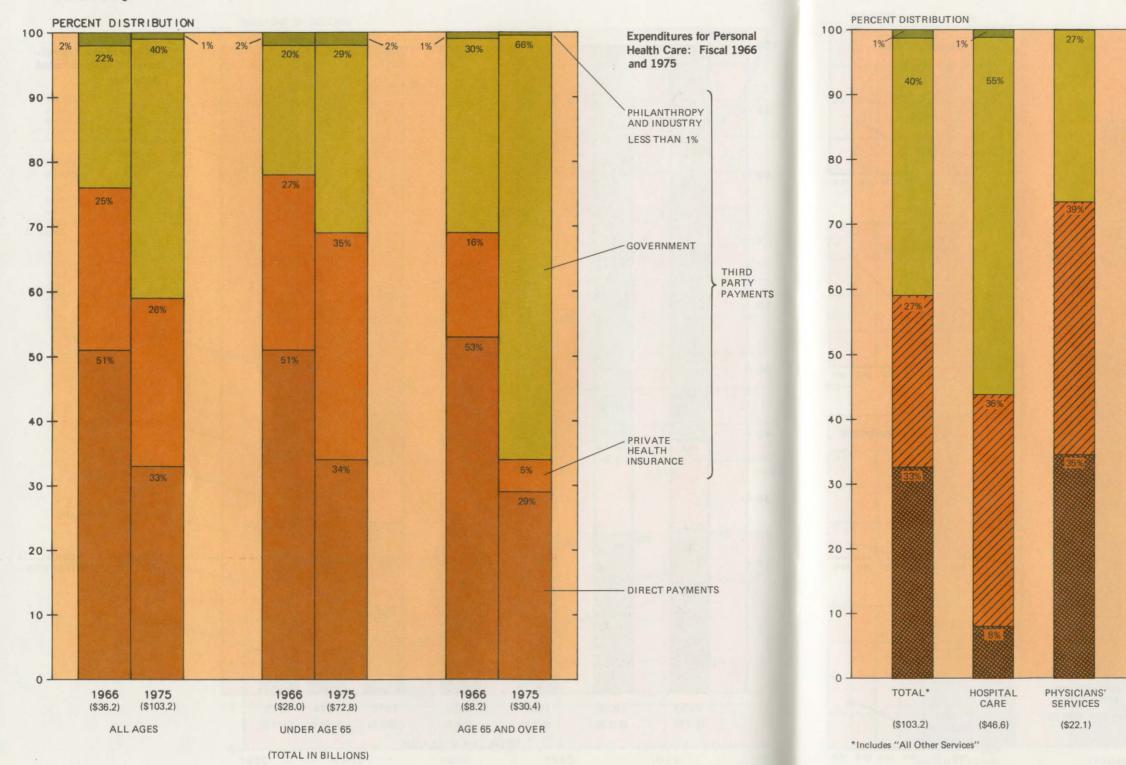
#### Public Funds Pay 66% of Elderly Health Care Expenditures in 1975

Of the total \$118.5 billion spent in 1975 for health, \$103.2 billion was spent on personal health care. The proportion of personal health expenditures paid directly by the individual has been declining. In 1975, one-third of all personal health care expenditures were paid directly by the individual, compared with one-half of all expenditures a decade ago. The most dramatic change has been the increase in public spending for the elderly, largely as a consequence of the Medicare and Medicaid programs. Public funds—Federal, State and local—now pay for two-thirds of the health care for the elderly compared with less than one-third a decade ago.

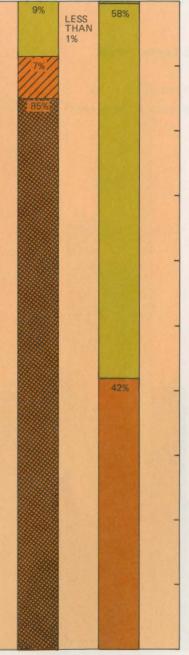
#### PERSONAL HEALTH EXPENDITURES

Over 90% of Hospital Expenses Paid by Third Parties During 1975

Third party payments during 1975 accounted for over 90 percent of all hospital expenses, 66 percent of physician expenses, and only 15 percent of dental expenses and expenses for drugs and drug sundries. Almost 60 percent of expenditures for nursing home care are made from government funds.



SOURCE SOCIAL SECURITY ADMINISTRATION



DRUGS AND DRUG SUNDRIES

DENTISTS'

SERVICES

(\$7.5)

NURSING HOMES (\$9.0)

(\$10.6)

Personal Health Care Expenditures by Source and Type: Fiscal 1975

> PHILANTHROPY AND INDUSTRY

GOVERNMENT

PRIVATE HEALTH

DIRECT PAYMENTS

PRIVATE HEALTH INSURANCE AND DIRECT PAYMENTS (NOT AVAILABLE SEPARATELY)

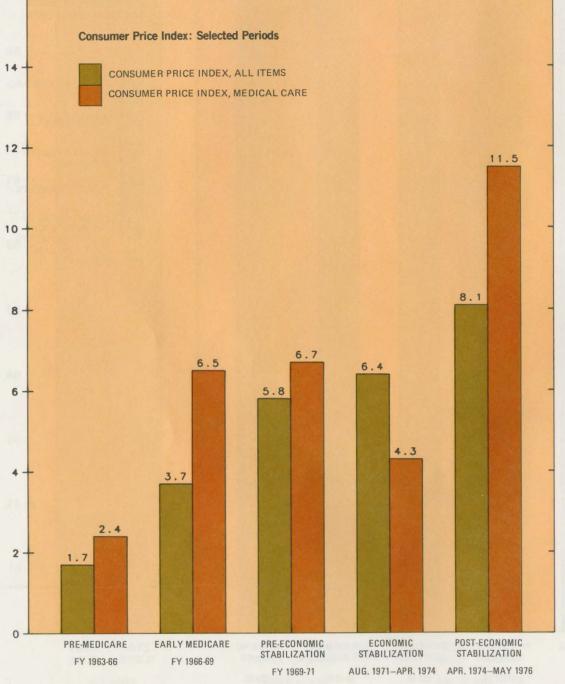
#### MEDICAL CARE PRICES 24

#### **Medical Care Costs Rise Faster Than All Consumer Payments**

Medical care prices have generally been rising more rapidly than the prices of all consumer goods and services combined. The only exception was during the economic stabilization period of August 1971 to April 1974.

#### ANNUALIZED RATE OF CHANGE

16



**Hospital Care Rates Fastest Rising Part** of Medical Costs

MARCH

PHYSICIANS' FEES

DENTISTS' FEES

SEMIPRIVATE HOSPITAL ROOMS

DRUGS AND PRESCRIPTIONS

1975

165

228

117

159

DEC MARCH

1976

184

262

124

169

1975

178

249

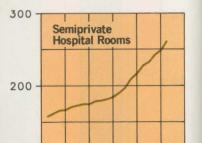
122

166

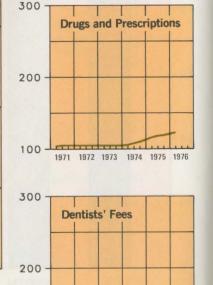
The charges for semiprivate hospital rooms has been the fastest rising component of medical goods and services since 1971. However, drugs and prescriptions rose at the unusually high rate of 7.4 percent in 1975.



100 1971 1972 1973 1974 1975 1976



100 1971 1972 1973 1974 1975 1976



100

#### **HEALTH STATUS**

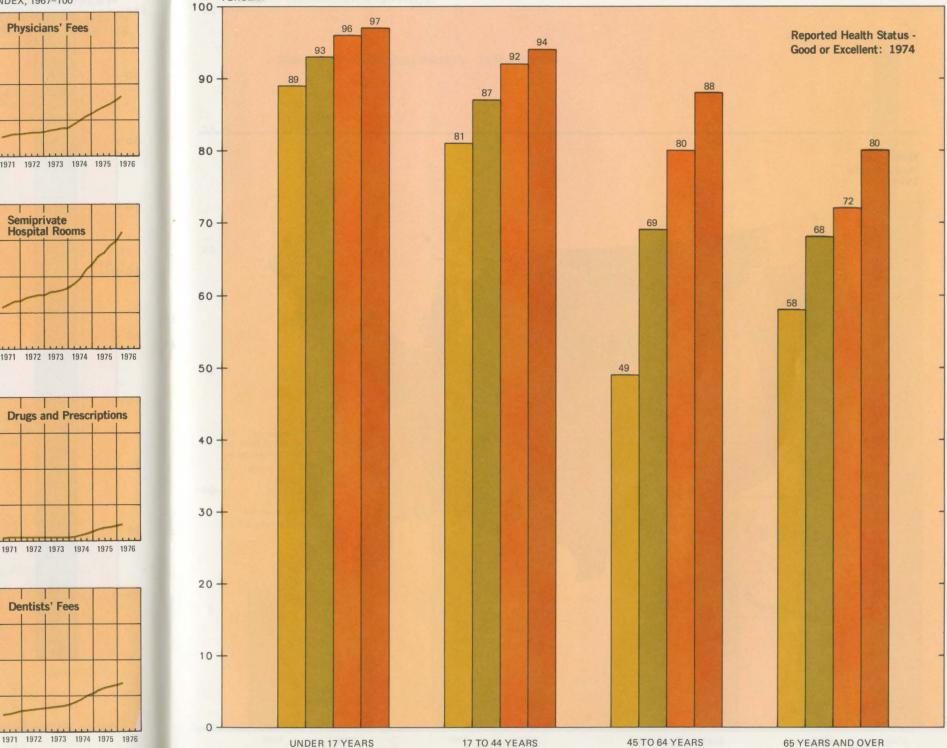
#### In General, Americans **Believe Their Health Excellent or Good**

Most Americans think of themselves as being in good health. In response to the Health Interview Survey, conducted by the National Center for Health Statistics, the majority of people regarded their overall health as

PERCENT

excellent or good as compared with other people their own age.

However, those with lower incomes assess their health less favorably than do those with higher incomes. The largest differential is in the 45-to 64-age group. Within this age group chronic illness often results in reduced family income.



SOURCE BUREAU OF LABOR STATISTICS AND SOCIAL SECURITY ADMINISTRATION



17 TO 44 YEARS

25

FAMILY INCOME UNDER \$5,000 \$5,000 TO \$9,999 \$10,000 TO \$14,999 \$15,000 AND OVER

45 TO 64 YEARS

65 YEARS AND OVER

#### 26 NONFEDERAL HOSPITAL BEDS

#### Nonfederal Hospital Beds Average 4.5 Per 1,000 Persons in U.S.

The number of general nonfederal hospital beds per 1,000 persons in 1974 ranged from 2.1 in Alaska to 6,7 in North Dakota. States with a high bed/population ratio are concentrated in the upper

Midwest, Many of the

States in this area have a low physician/population ratio, reflecting alternate patterns of medical care. In general, States with stable or declining populations tend to have high bed/population ratios while States with growing populations are among the States with low bed/population ratios.

#### NEALTH STATUS.

Animati Garanta Animati Matagaran Sanata ng Barata Sanata ng Barata

Andre bis operation of a selfsector of a sector darrende of entrances of a selfentrances of a sector of a sect

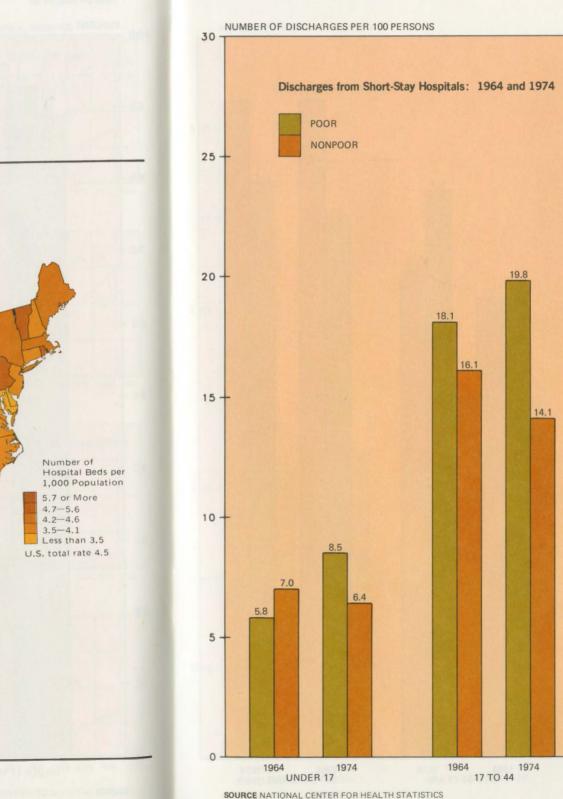
#### HOSPITAL DISCHARGES

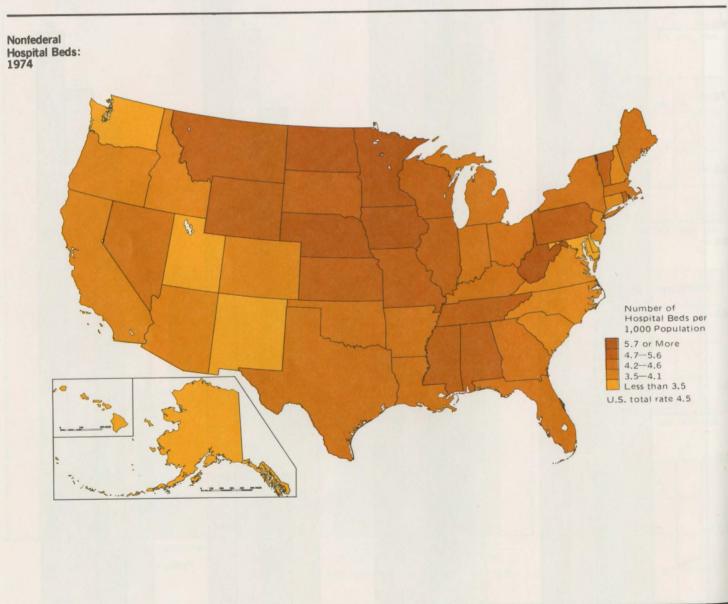
#### Hospitalizations Greater for Poor Than for Nonpoor in 1974

The number of hospitalizations per 100 persons has increased markedly over the past decade among the poor. (The poor are defined as the lowest 20 percent of the population with respect to family income—less than \$3,000 in 1964 and less than \$6,000 in 1974.)

This trend reflects to a large extent the increased access to medical facilities made available to the poor through the Medicaid and Medicare programs.

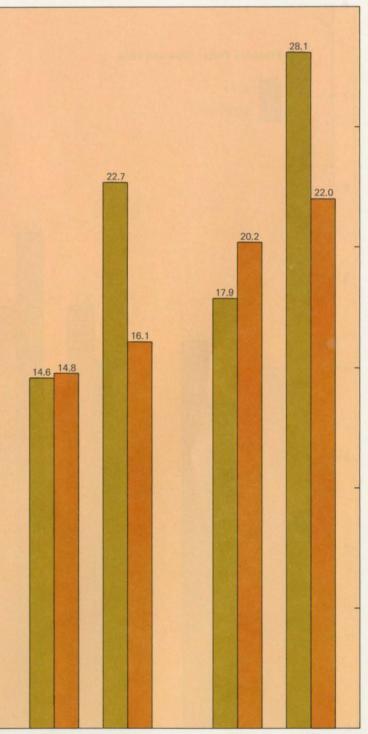
Among the remainder of the population there has been no marked change in hospital use.





#### SOURCE NATIONAL CENTER FOR HEALTH STATISTICS, HEALTH INTERVIEW SURVEY

However, but 1076 that differences had either hown remented on eigeneted contributed by 27



1964 1974 45 TO 64 1964 1974 65 AND OVER

#### Visits to Physicians by Poor Increase From 1964 to 1974

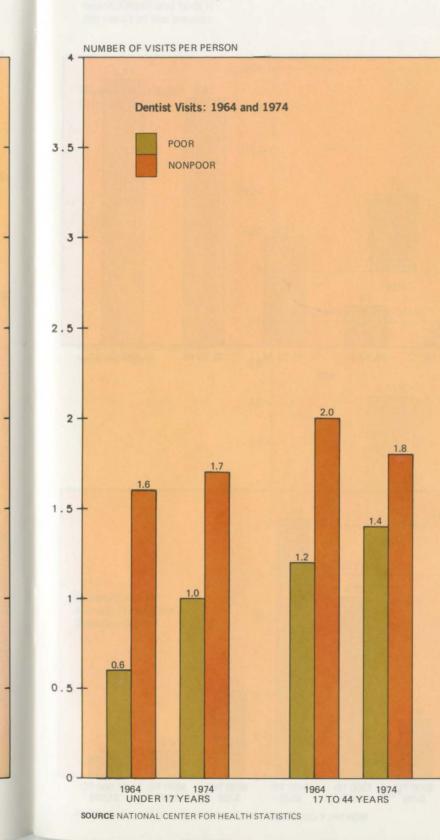
In general, there is more illness among the poor than the nonpoor. In 1964, the poor had fewer visits to physicians per person than the nonpoor.

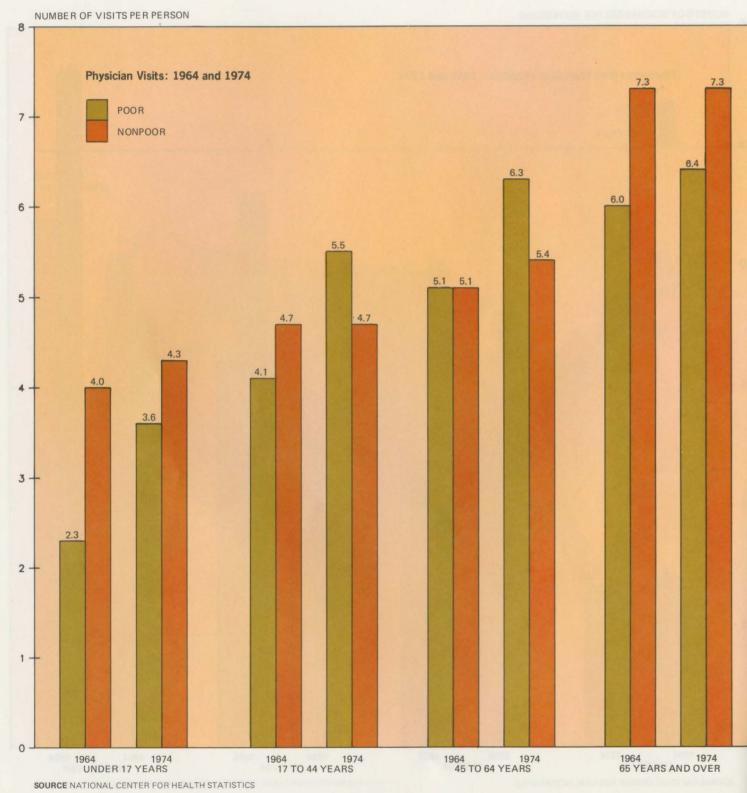
However, by 1974 the differences had either been reversed or decreased considerably.

DENTIST VISITS

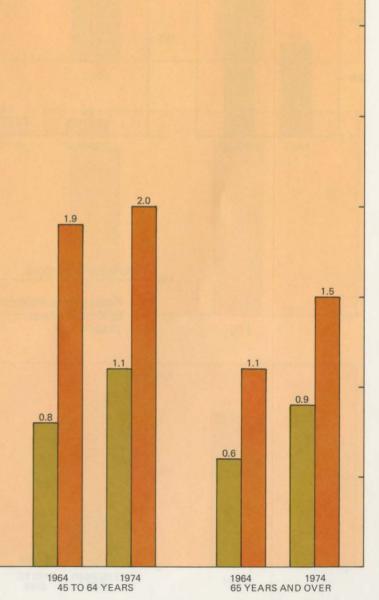
#### Dentist Visits by Poor Still Lag Behind Those of Nonpoor Population

In dental care, where there have not been major Federal programs, there have been only slight decreases in the gap between the average number of visists to the dentist by the poor and the nonpoor.





29



#### 30 NURSING HOMES

#### Average Nursing Home **Resident is Female** Over 75 Years Old

Due to greater longevity of the female population, more than 7 out of 10 nursing home residents are women. And, on the average, more than 75 percent of nursing home residents are 75 years of age or older.

# The average monthly

charge for a nursing home resident is more than \$450.

THOUSANDS OF PERSONS

1973-74

Nursing Home Residents,

17

\$199

LESS THAN \$100 TO

\$100

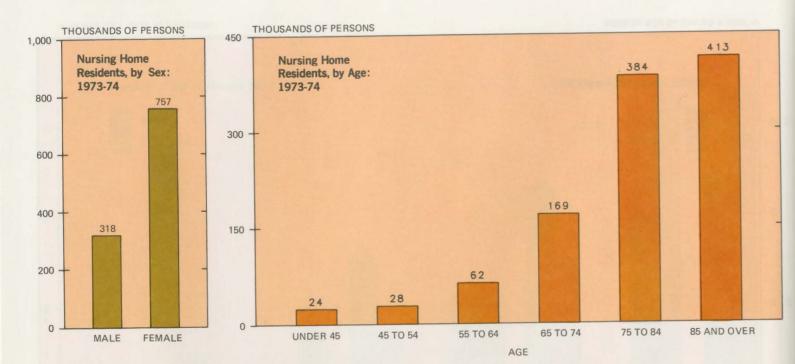
by Monthly Charges:

450

300

150

0



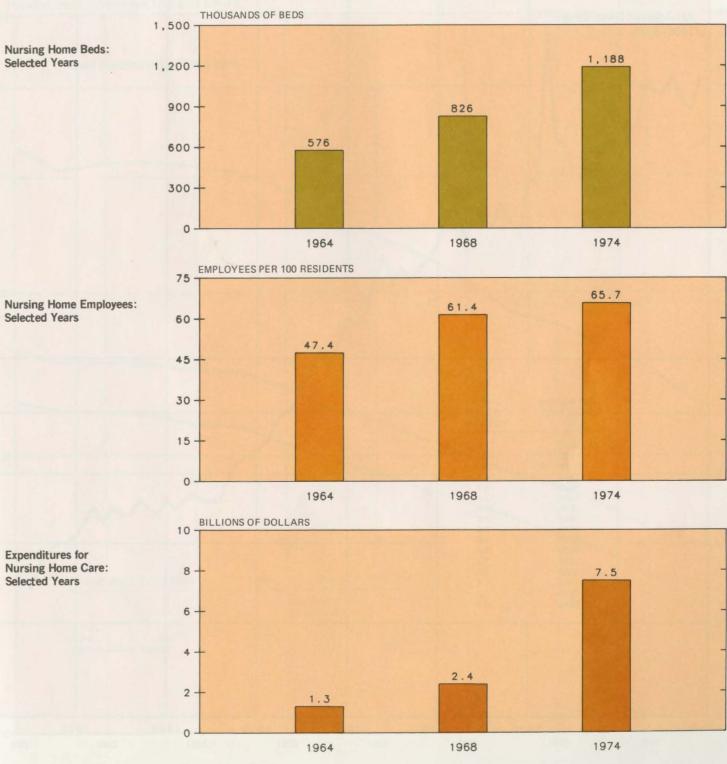
NURSING HOMES Nursing Home Care

### **Expenditures** Zoom **Over Past Decade**

Over the past decade the number of nursing home beds has more than doubled. Expenditures for nursing home care have increased almost six-fold. Part of the increase in

expenditures and beds is the result of the present

substitution of care within nursing homes for care which previously had been provided in mental hospitals and other settings.







\$400 TO

\$599

407

136

\$600 TO

\$799

42

\$800 TO

\$999

32

\$1,000 TO

\$1,999

284

\$300 TO

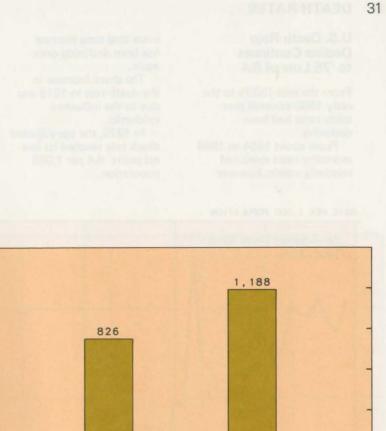
\$399

93

\$200 TO

\$299

SOURCE NATIONAL CENTER FOR HEALTH STATISTICS



#### 32 DEATH RATES

#### U.S. Death Rate Decline Continues to '75 Low of 6.4

From the mid-1930's to the early 1950's overall mortality rates had been declining.

From about 1954 to 1969 mortality rates remained relatively stable; however

#### RATE PER 1,000 POPULATION

since that time the rate has been declining once again.

The sharp increase in the death rate in 1918 was due to the influenza epidemic.

In 1975, the age-adjusted death rate reached its lowest point: 6.4 per 1,000 population.

#### NURSING HOMES

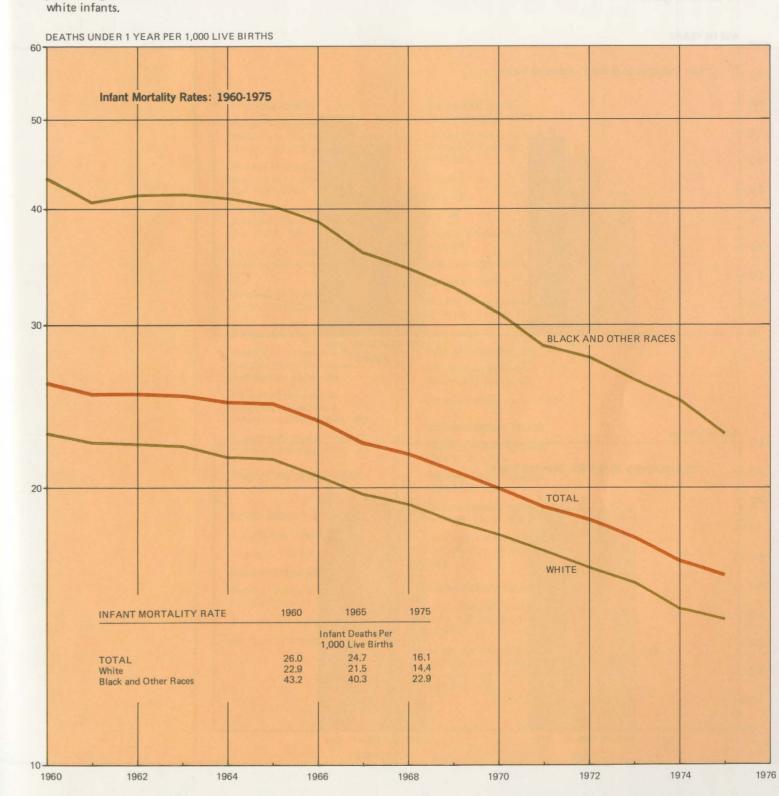
Borring more Car Expenditures Zoor Over Part Decide

with the part disects the surprise of surging heres and the more the surging becauted with the surging here ages have wereased for a surprise the surging here the the surging to here ages a distribute

#### INFANT MORTALITY

#### Mortality Rate for Infants Drops 38% Since 1960

Since 1960, the total infant mortality rate in the United States has declined by 38 percent. The infant mortality rate for black and other race infants was almost 60 percent higher than for However, the decline in infant mortality during the past 10 years has been greater for black and other races than for white infants.



Age-Adjusted Death Rates: 1900-1975 10 Deaths Age-Adjusted Per 1,000 Death Rates Population for 1900 17.8 16.7 15.8 14.4 14.2 13.0 12.5 11.6 10.8 9.5 8.4 7.6 7.6 7.6 7.4 7.1 6.4 1905 1910 1915 1920 1925 1930 1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1960 1970 1950 1940 1920 1930 1900 1910

SOURCE NATIONAL CENTER FOR HEALTH STATISTICS

33

SOURCE NATIONAL CENTER FOR HEALTH STATISTICS

#### 34 LIFE EXPECTANCY

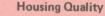
#### Life Expectancy at Birth Continues Rise; **Females Outlive Males**

Since 1900, the life expectancy at birth for both males and females has increased markedly. But the gap between the two sexes is widening, with females outliving males by almost 8 years.

Males at age 65 in 1900 could expect to live to age 76.5, while in 1974 they could expect to live to age 78.4. The comparable figures for females are 77.2 years in 1900 and 82.5 years in 1974.



# community



Percent of Households With More Than One Person Per Room: 1950-1974 36

Percent of Households Lacking Some or All Plumbing Facilities: 1950-1974 37

Percent of Households With Selected Structural Deficiencies: 1974 38

Percent of Households With Selected Breakdowns: 1974 38

Households' Overall Rating of Structure: 1974 38

#### **Neighborhood Quality**

Percent of Households Rating Neighborhood Services as Inadequate: 1974 39

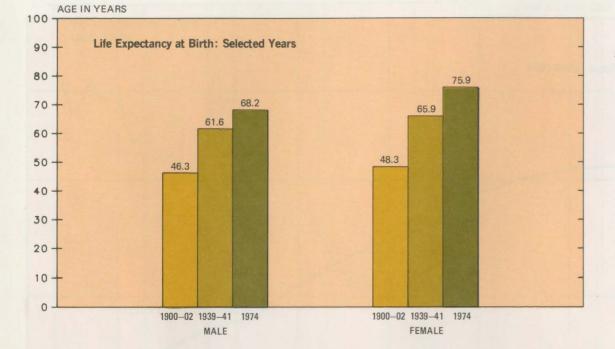
Percent of Households Reporting Undesirable Street Conditions: 1974 40

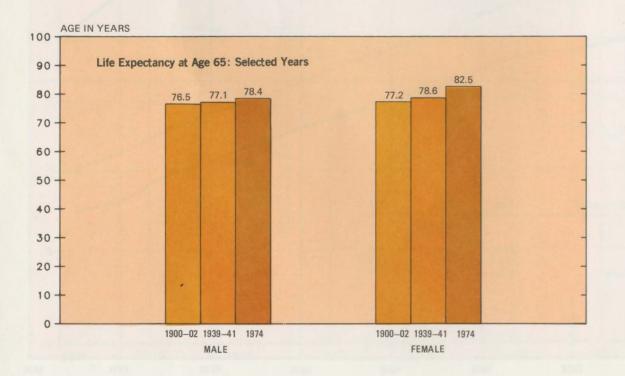
Households' Overall Rating of Neighborhoods: 1974 41

Map of the Month 42-45

#### **Crime Index Trends**

Total Crime Index 46 Violent Crime 46 Property Crime 46 Percent Change in Reported Serious Crime 47 By Geographic Region 47 By Type of Area 47





SOURCE NATIONAL CENTER FOR HEALTH STATISTICS



#### **Inmates of State Correctional Facilities**

Characteristics of Inmates of State Correctional Facilities

Sex 48

Race 48

Age 48

Level of Educational Attainment 48

Occupation at Time of Arrest 48

Length of Time on Last Job 48

Alcohol Consumption at Time of Present Offense 49

Drug Usage 49

Type of Drugs Ever Used 49

Most Serious Offense of Sentenced Inmates 49

Correctional Background 49

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Transportation Accidents: 1965-1975 50

Transportation Fatalities: 1965-1975 50

Transportation Fatalities, by Mode: 1975 50

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#### **Public School Systems**

Local Public School Systems in the U.S.: 1939-40 to 1975-76 52

Percent Distribution of Public School Systems and Pupils, by Size of System: Fall 1975 52

#### 36 HOUSING QUALITY

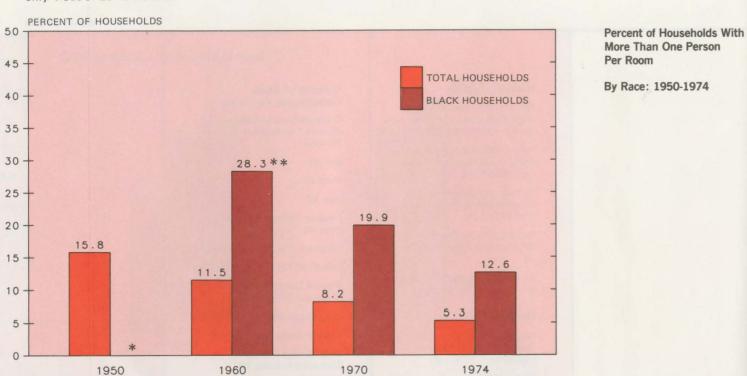
#### **Continual Decline Seen** in Households With More Than One Person Per Room

The number of U.S. households with more than one person per room has declined steadily since 1950. In that year, nearly 16 percent of all households averaged more than one person per room. By 1974 only 1 out of 20 households

reported more than one person per room. While a larger percentage of black households reported more than one person per room, there has also been a continuing decline in their proportion.

By location, there were small variations in the proportions of households reporting more than one

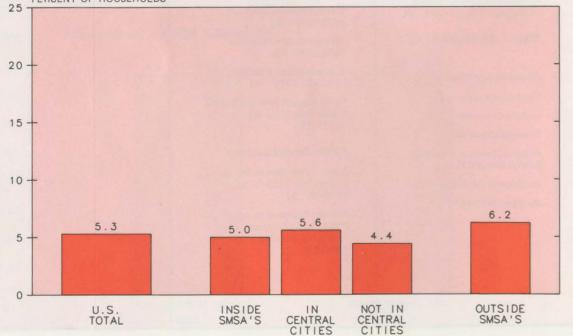
person per room, with households outside of large metropolitan areas report-



\*DATA NOT AVAILABLE

\*\* DATA ARE FOR BLACK AND OTHER RACES. SEE NOTES AND DEFINITIONS.

PERCENT OF HOUSEHOLDS



ing the largest proportion.

By Location: 1974

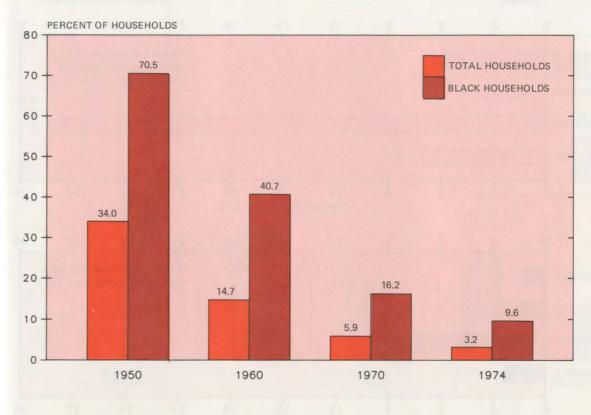
#### HOUSING QUALITY

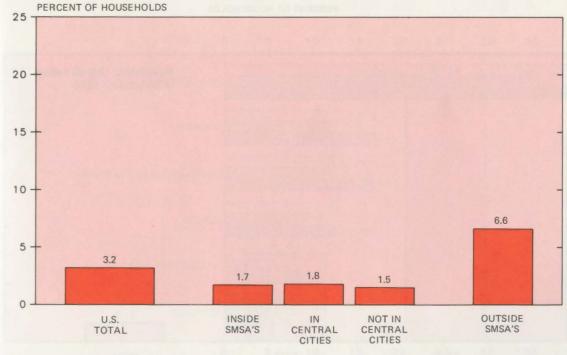
**Plumbing Facilities in U.S. Households Show** Marked Improvement

The proportion of total U.S. households reporting less than complete plumbing facilities dropped from 34 percent in 1950 to 3 percent in 1974. The percentage for black households also decreased

dramatically, from 70 percent in 1950 to 10 percent in 1974.

Nearly 7 percent of the Nation's households located outside large metropolitan areas reported incomplete or no plumbing. This was a considerably higher proportion than in any other location.





SOURCE BUREAU OF THE CENSUS

Percent of Households Lacking Some or All Plumbing Facilities

BY RACE: 1950-1974

BY LOCATION: 1974

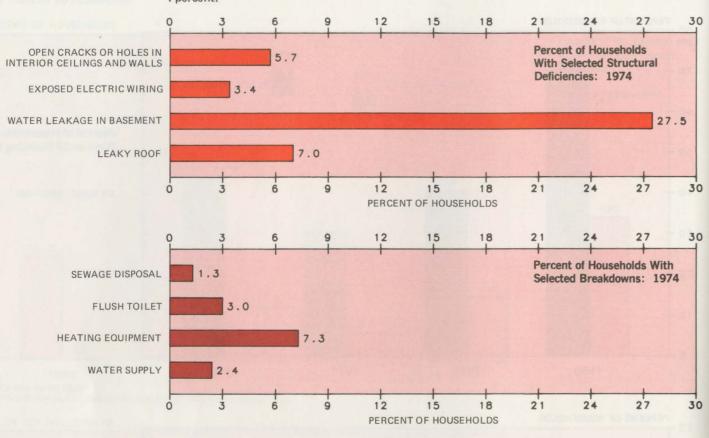
#### Wet Basements Ranked **Highest Among Reported Housing Deficiencies**

The general structural deficiency reported most often by U.S. households was basement water leakage-28 percent of total households. Exposed electric wiring, the least

frequent problem, was reported by only about 3 percent.

Nationally, 7 percent of all households reported breakdowns in heating equipment during 1974. This was the most frequently reported serious equipment or facility failure. The least reported problem was with sewage disposal-1 percent.

Overall, most households rated their structures as excellent or good. More than 35 percent considered their homes in excellent condition, and 46 percent good. Only 3 percent of all housing units nationwide were rated poor by their occupants.



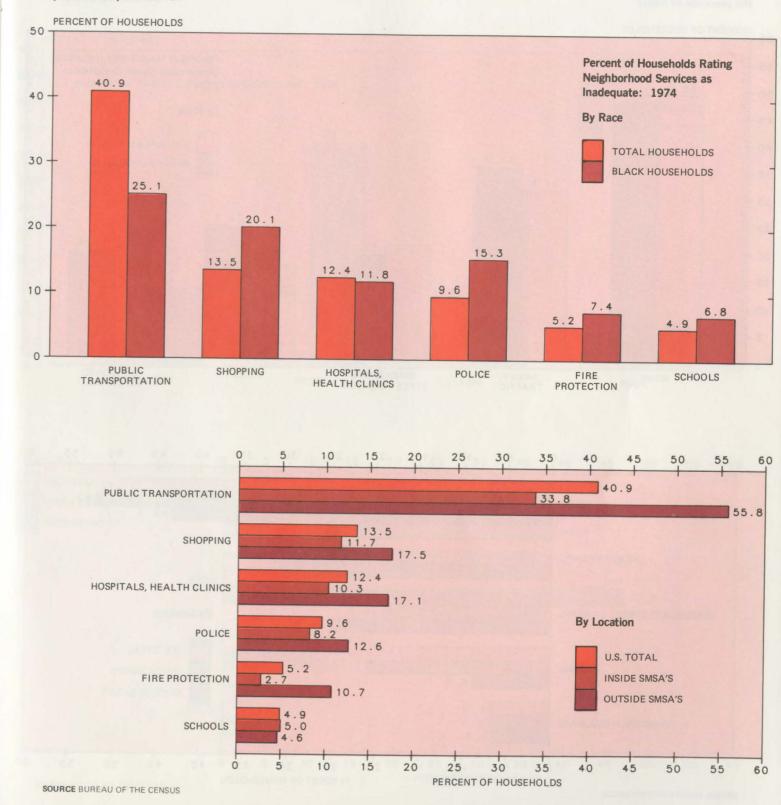


#### NEIGHBORHOOD QUALITY

#### **Public Transportation** Rated Inadequate by 41% of All Households

Of neighborhood services rated across the Nation. public transportation was considered the most inadequate, with 41 percent of all households reporting dissatisfaction. Black households also rated public transportation as

the most inadequate neighborhood service. Shopping facilities were reported inadequate by 131/2 percent of total U.S. households and by 20 percent of black households. Schools received the most satisfactory rating by households of all races.



SOURCE BUREAU OF THE CENSUS

Neighborhood services on the whole received better ratings inside than outside of large metropolitan areas.

#### 40 NEIGHBORHOOD QUALITY

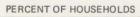
#### Street Noise, Traffic Lead Complaint List in U.S. Neighborhoods

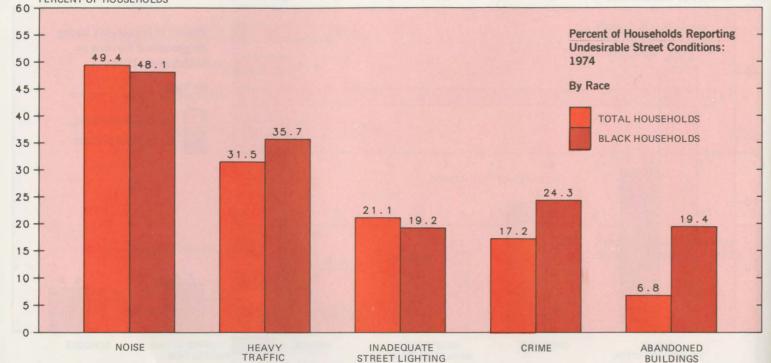
Undesirable street noise was reported in their neighborhoods by nearly half of all U.S. households in 1974. Thirty-two percent of total households, and 36 percent of black households also reported the presence of heavy

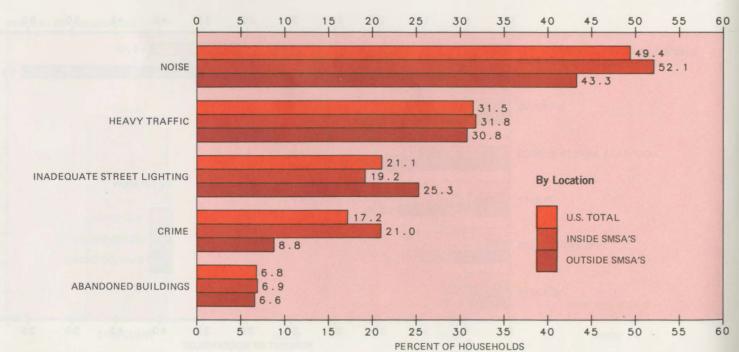
#### traffic. The proportion of black households reporting the presence of abandoned buildings was more than twice the national average. Noise and crime were reported more frequently inside than outside of

large metropolitan areas,

while inadequate street lighting occurred more frequently outside standard metropolitan statistical areas.







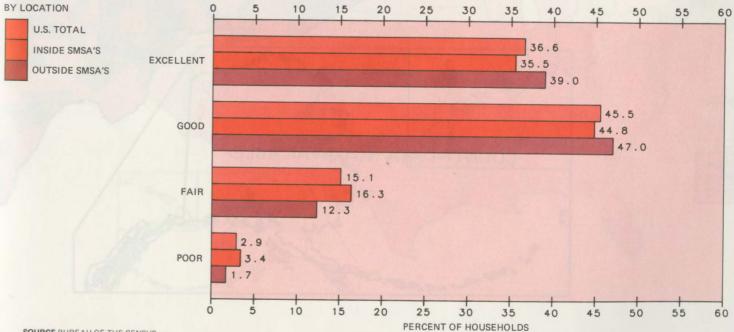
#### INDICATORS OF NEIGHBORHOOD QUALITY

#### Most Residents Rank Their Neighborhoods 'Excellent' or 'Good'

More than four-fifths of all U.S. households considered the condition of their neighborhood as either excellent or good. Fifty-seven percent of black households gave their neighborhoods the same ratings. A small

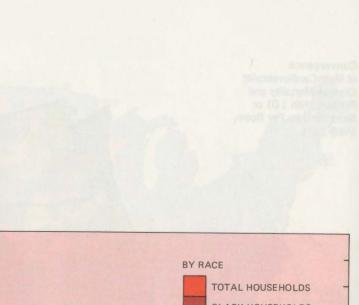
proportion of households considered their neighborhoods in poor condition-3 percent of total households and 9 percent of black households. Overall neighborhood ratings were slightly higher outside of large metropolitan areas than within them.





SOURCE BUREAU OF THE CENSUS





FAIR

POOR

# map of the month

#### INTRODUCTION

The centerfold which follows contains a map designed to identify geographic areas of special concern. A major purpose of the map is to show its potential as an analytical tool. By presenting two variables in contrasting colors on a single map, a graphic portraval of the spatial relationships existing between them can be shown. The map was created by combining or "crossing" two single variable maps. Small versions of each variable map are shown on page 43. The red and vellow map presents information on overcrowding. The blue and yellow map presents information on a 4-year period of male deaths (ages 35-74) from cardiovascular disease expressed in rates per 100,000 males.

When examining the twovariable centerfold map, interrelations can be discerned. If the geographic relationships were random, the resulting map would show no particular tendency toward an areal concentration of similar colors, but instead would exhibit a patchwork of small contrasting color blocks throughout the country.

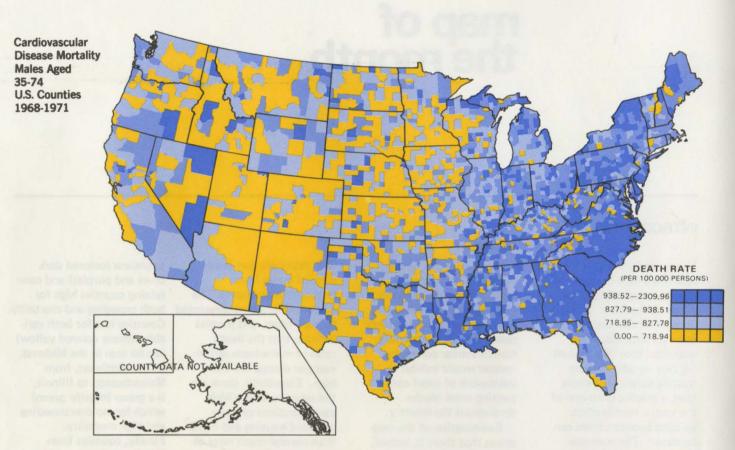
Examination of the map shows that there is, indeed, a geographic variation in the distribution of male cardiovascular mortality and overcrowded housing. The 16 individual colors which make up the map (each representing a particular combination of the two variables) appear to be concentrated in sizable groups of contiguous counties.

The color spectrum selected to differentiate overcrowded housing and high death rate variables, uses greens and blues to identify these areas. Among these relatively "overcrowded" areas, those in red, purple, and violet represent those counties with relatively low death rates of males from cardiovascular disease. The overcrowded areas represented by dark blues and purples indicate that the death rates of males from cardiovascular disease are also high. Essentially, these are the counties where high concentrations of overcrowded housing and higher than normal death rates of males from cardiovascular diseases converge. The counties which are characterized by both the

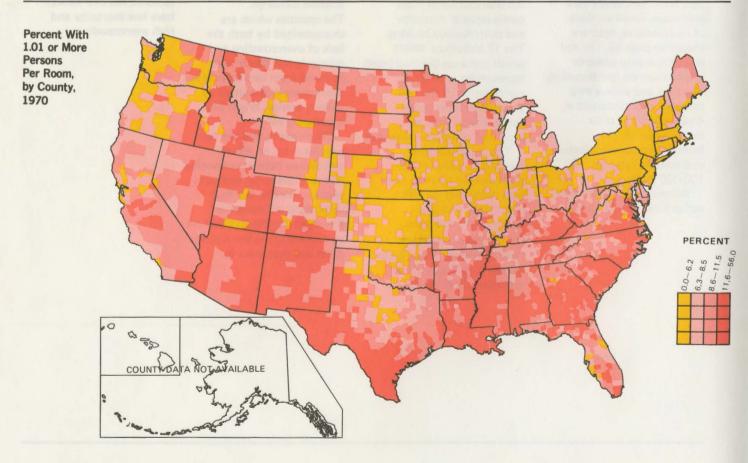
lack of overcrowding and relatively low death rates of males from cardiovascular diseases are represented by yellow, orange, bright blue, and light green.

When examining the twovariable map, no direct association between crowding and cardiovascular mortality appears. Among the four large areas of interest is the area from North Carolina southward along the Atlantic coast and then west to

Louisiana (colored dark blues and purples) and containing counties high for both crowding and mortality. Counties low for both variables (those colored vellow) can be seen in the Midwest. In the Northeast, from Massachusetts to Illinois, is a group (mostly green) which has no overcrowding and high mortality. Finally, counties from southwest Texas to Utah (colored red and violet) have low mortality and high overcrowding.



SOURCE U.S. DEAPRTMENT OF HEALTH, EDUCATION, AND WELFARE: PUBLIC HEALTH SERVICE, CENTER FOR DISEASE CONTROL; NATIONAL INSTITUTES OF HEALTH



44

Convergence of Male Cardiovascular Disease Mortality and Percent With 1.01 or More Persons Per Room, 1968-1971 enació ha por bergano lan rearte parablemas bina a talen al atomis en Clantej ha province C meanes d'area actar o athlemaster parable cama bagetestrenes

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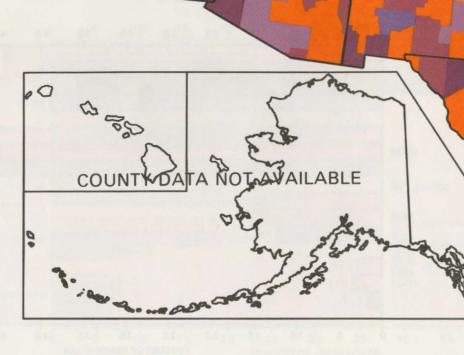
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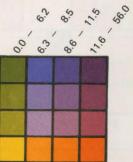
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PERCENT

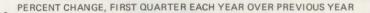
#### 46 CRIME INDEX TRENDS

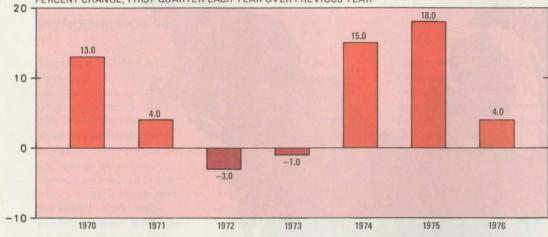
#### **Rise in Total Crime** Rate Slows to 4%; Larcenies Up 14%

While violent crime decreased sharply during the first 3 months of this year, the total crime rate for the Nation rose 4 percent. The increase was considerably lower than the 18-percent rise reported for the first quarter of last year.

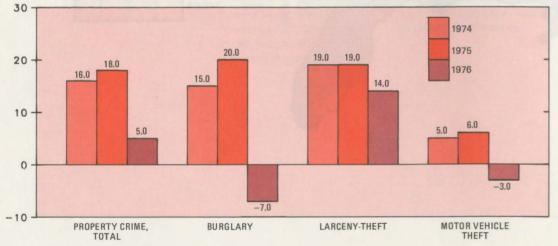
A 14-percent surge in larcenies-the only category besides rape to show an increase-was largely responsible for the continuing climb. Murder, robbery, aggra-

vated assault, burglary, and motor vehicle theft all showed declines in the first quarter.









SOURCE FEDERAL BUREAU OF INVESTIGATION

#### CRIME INDEX TRENDS

Violent Crime Down in First Quarter; **Property Crime Up** 

The total crime rate rose in all four geographic regions in the first quarter of 1976, with the greatest increase reported for the northern States. Property crime grew in every region during the quarter, while violent

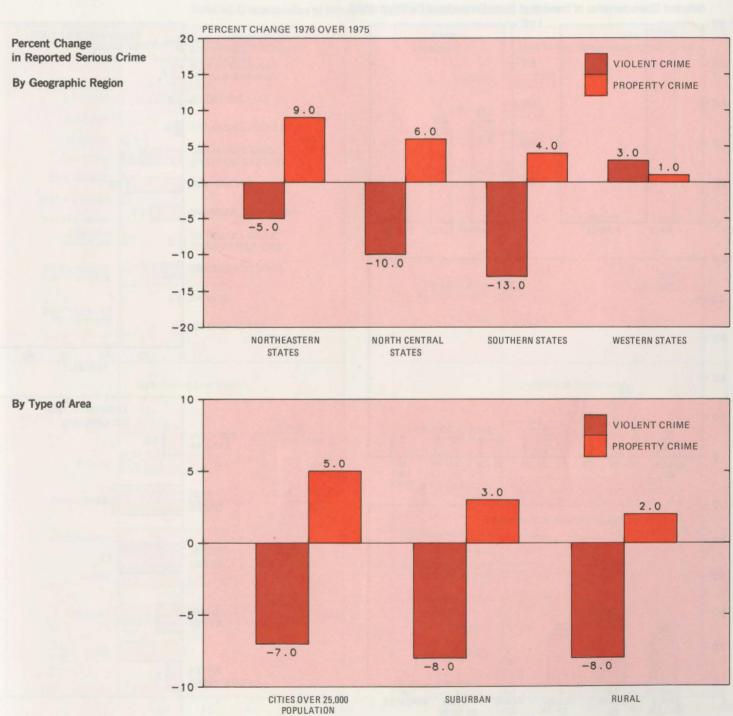
**Total Crime Index** 

**Violent Crime** 

**Property Crime** 

crime decreased in all but the western states. The South reported the largest drop in violent crimea 13-percent decline.

Violent crime fell 7 percent in cities with populations over 25,000, and 8 percent in both suburban and rural areas. Robbery and murder rates showed the largest declines. Property crime



rose in all areas, with greatest increases reported for the larceny-theft category.

#### **48 INMATES OF STATE CORRECTIONAL FACILITIES**

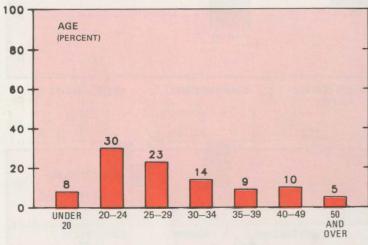
#### **Two-Thirds of State Prisoners Between** 20 and 34 Years Old

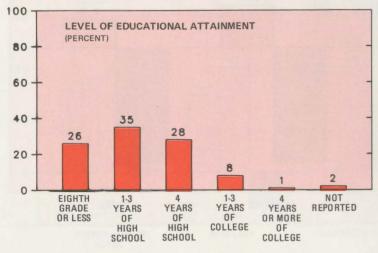
Males constituted an overwhelming majority of all inmates under the jurisdiction of State correctional authorities, with females accounting for about 3 percent of the total.

White inmates outnumbered black inmates, 51 to 47

Selected Characteristics of Inmates of State Correctional Facilities: 1974

#### 100 100 RACE SEX (PERCENT) (PERCENT) 80. 80 60 . 60 51 47 40 40 20 20 0 FEMALE WHITE BLACK OTHER MALE





percent. Other racial groups, mainly American Indians and Orientals, accounted for about 2 percent.

Two-thirds of all prisoners were aged 20 to 34, while the largest portion of prisoners was in the age group 20 to 24. Sixty-one percent of sentenced prisoners had never received a high school diploma.

#### Most State Inmates List Occupations as **Operatives**, Craftsmen

About 69 percent of the prisoners had worked most recently as nonfarm laborers, operatives, or craftsmen and kindred workers. Eight percent of the inmates had held their most recent job for 5 years or more, while 10 percent had

stayed less than 1 month.

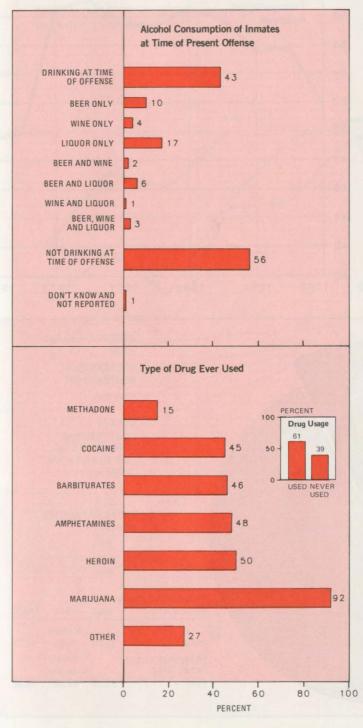
Note: Data are for the year prior to arrest for the present offense and were collected only for those inmates-both sentenced and unsentenced-who had held a full-time job after December 1968 or who had been employed during most of the month prior to their arrest.

#### **INMATES OF STATE CORRECTIONAL FACILITIES**

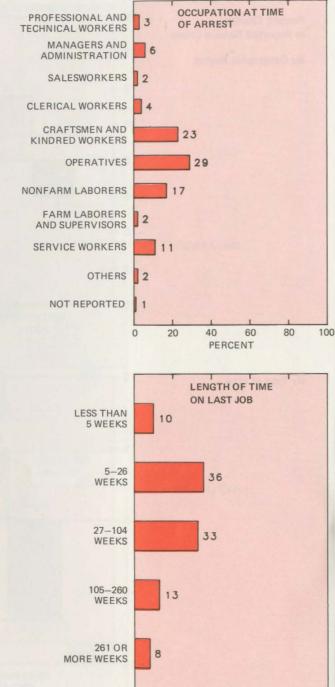
**Alcohol Plays Role** in Offenses of 43% of **State Prison Inmates** 

An estimated 43 percent of all inmates reported that they had been drinking alcoholic beverages at the time of their offenses. About 10 percent had been drinking beer only ; 4 percent, wine only; 17 percent, liquor only; and 12 percent, some combination of these beverages.

Sixty-one percent of all inmates had used illicit drugs sometime during their lifetime. Marijuana was the most prevalent at 92 percent, but hard drugs such as heroin and cocaine also had high rankings. The detail exceeds the total shown because inmates may have used more than one drug.



SOURCE LAW ENFORCEMENT ASSISTANCE ADMINISTRATION



0

20

40

60

PERCENT

80

100

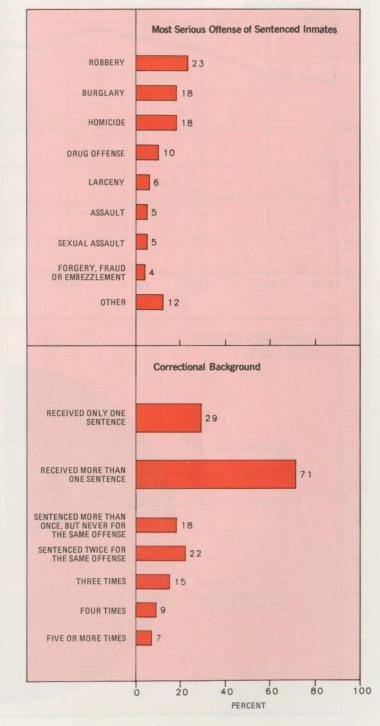
#### Robbery, Burglary, Homicide Total 59% of State Convictions

Three criminal offenseshomicide, burglary, and robbery-accounted for threefifths of the convictions that led to imprisonments of sentenced inmates held in custody of State correctional authorities as of January 1974. Prisoners

sentenced for robbery were the most numerous, making up 23 percent of all sentenced inmates.

Many repeat offenders tended to commit the same offense more than once. An estimated 53 percent of the inmates who had received more than one sentence had been sentenced at least twice to serve time for the same offense.

#### Selected Characteristics of Inmates of State Correctional Facilities: 1974



#### 50 TRANSPORTATION TRENDS

#### **Transporation-Related** Accidents Up in 1975; Fatalities Drop 1.2%

While the number of transportation-related accidents increased 3.1 percent in 1975, the number of fatalities associated with transportation accidents dropped 1.2 percent in 1974. This fatality decline continued a trend begun in 1973.

A large share of transportation-related accidents, fatalities, and injuries has traditionally involved the highway and traffic mode of transportation. In 1975, for example, 92.5 percent of the 49,379 transportation fatalities was attributed to highways and traffic. The 1975 highway and

traffic fatality total of

45,674 represents a dramatic 17.1-percent drop from the 1973 figure of 55,069. Even though the number

of vehicle-miles driven has steadily increased, the fatality rate has continued to fall, from 4.2 per 100 million vehicle-miles in 1973 to 3.6 in 1974 and 3.5 in 1975.

The Department of Transportation says the decline

"clearly demonstrates the life-saving value of the Nation's highway trafficsafety programs and reduced speed, combined with improved driver habits such as the use of available seat belts and precautions against alcohol abuse. Credit must also be given to the improved highway systems."



**Gasoline Consumption** Grows Through April. Tops '73-'75 Period

During the first 4 months of this year average daily gasoline consumption was higher than in the comparable period for the previous 3 years.

Motor gasoline consumption for April 1976 was 6.2 percent higher than

April 1975 and 6.7 percent higher than April 1974\* February and March 1976 showed changes of 7.2 percent and 10.1 percent, respectively, over the same months last year. Based on reports from

all States and the District of Columbia, motor gasoline consumption in 1975 was 2.4 percent higher than in

1976

APR.

6.5

5.9

6.2

68

MARCH JUNE SEPT.

7.2

7.1

NA

MAY

Millions of Barrels Per Day

7.1

6.7

6.8

NA

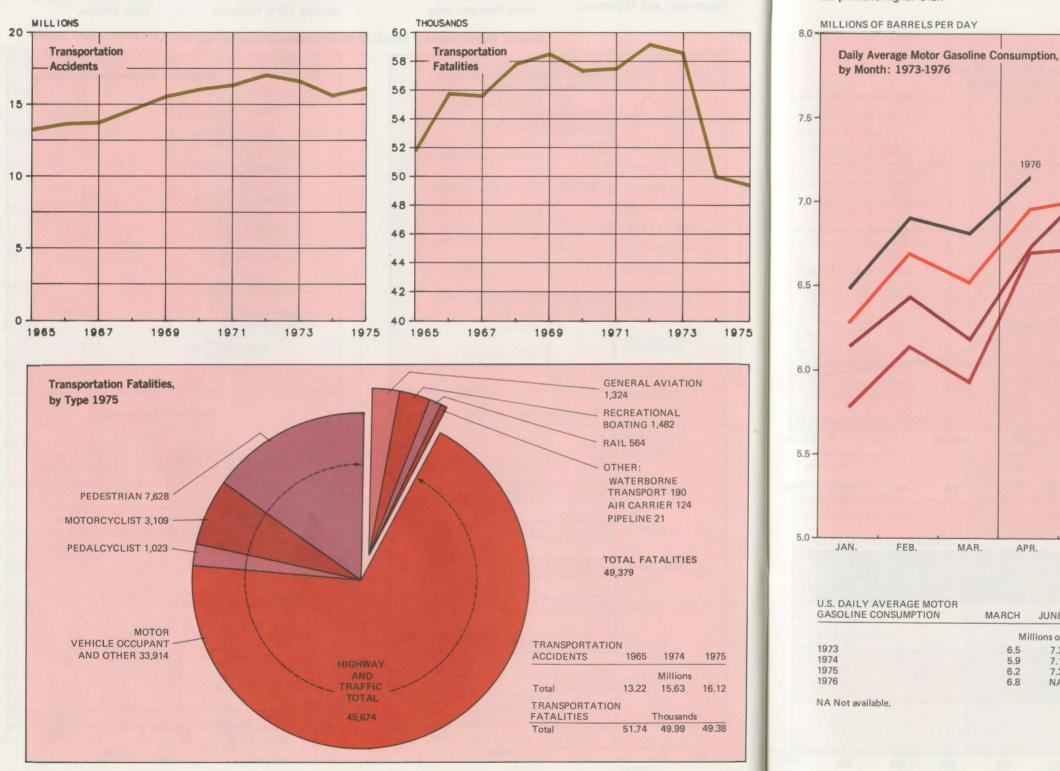
DEC.

6.7

6.7

6.9

NA



1974, but still 1.4 percent below the average for 1973.

NOTE: Motor gasoline consumption is a sum of gross gallons of motor gasoline reported in each State from State taxation reports at the wholesale level. There are time lags of up to 6 weeks between wholesale and retail sales. The data include highway

use, nonhighway use, and losses. Large monthly changes sometimes result from delays in processing reports from a few large distributors, exceptional weather conditions, or variations in the timing of holidays.

\* Total U.S. consumption estimate is based on reports from 30 States.



#### 52 PUBLIC SCHOOL SYSTEMS

#### **Total School Systems Decline Sharply From** 117,000 to 16,300

Since 1944 the number of local public school systems in the U.S. has declined dramatically from more than 100,000 to 16,300 in 1976.

School system reorganization, consolidation of small systems, and

#### THOUSANDS OF SCHOOL SYSTEMS

elimination of nonoperating systems are the reasons for the significant drop. The most rapid reduction

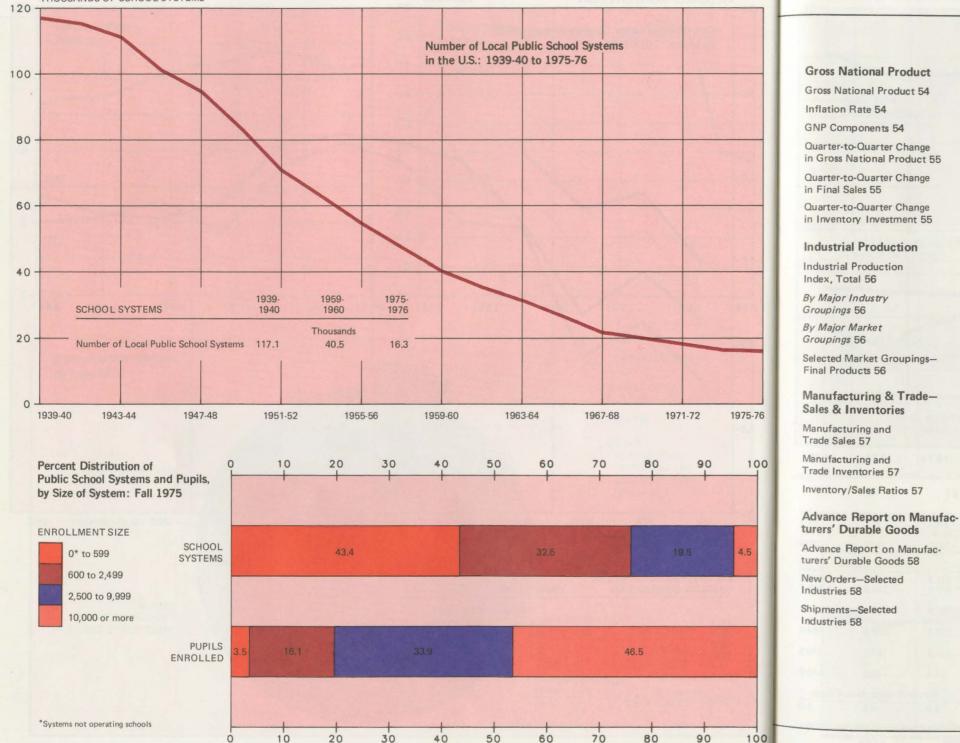
occurred between 1947-48 and 1959-60 when the number of school systems dropped 57 percent. The rate of decline has slowed since the 1960's. In the past 4 years, the reduction has been less than 1,000 systems.

In 1975 there was a strong concentration of pupils in the large and middle-size school systems. More than four-fifths of the pupils were in the 3,900 systems with enrollments of 2,500

or more pupils. The average enrollment for all school systems in the country was about 2,700 pupils.

Section III

# economy



PERCENT

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SOURCE NATIONAL CENTER FOR EDUCATION STATISTICS



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#### 54 **GROSS NATIONAL PRODUCT**

#### 2nd Quarter "Real" **GNP Growth Rate Slows** to Half of 1st Quarter

In the second quarter of 1976, "real" Gross National Product-the Nation's total output of goods and services adjusted to cancel the effects of inflation-rose at a 4.4-percent annual rate, less than half of the 9.2 percent pace of the first

**Gross National Product** 

BILLIONS OF DOLLARS

1,700

1,600

1,500

1.400

quarter of the year.

Output in current dollars increased \$36.8 billion or at an annual rate of 9.3 percent in the second quarter, down from the 12.6percent annual rate increase of \$48 billion in the first quarter.

Prices, as measured by the more comprehensive GNP chain price index, edged upward 0.7 percent to a 5

percent annual rate. In constant 1972 dollars. personal consumption expenditures increased \$8 billion to an annual level of \$808.7 billion, compared to a \$16.8 billion in the first quarter.

Gross private domestic investment increased \$3.4 billion. The reduced growth in this sector largely resulted from a sharply reduced

BILLIONS OF 1972 DOLLARS

**GNP** Components

900 -

800

700

600 -

500

400

300

rate of inventory accumulation after last quarter's large gain.

Net exports of goods and services declined to \$15.8 billion, the lowest annual rate recorded since the third quarter of 1974. Government purchases of goods and services rose \$2.7 billion, recouping most of the first quarter decline.

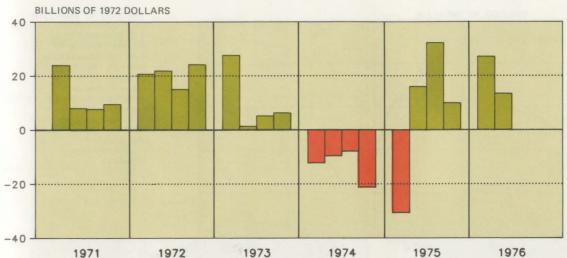
**GROSS NATIONAL PRODUCT** 

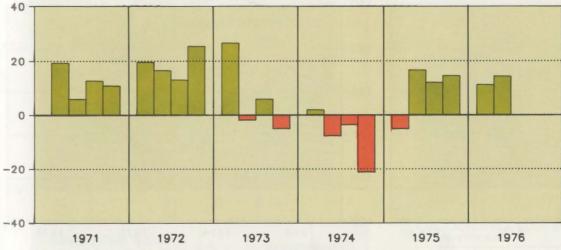
**Inventory** Investment **Declines; Final Sales Increase Moderately** 

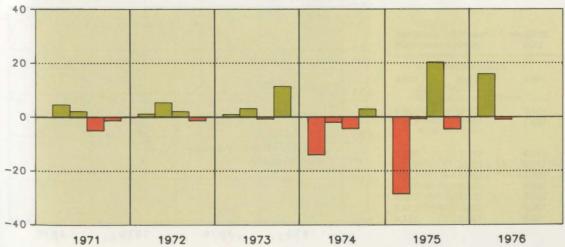
The \$13.4 billion increase in real GNP in the second quarter was modest This is the fifth consecutive quarterly increase and still 8.5 percent above the low point recorded in the first quarter of 1975.

In contrast to the prior guarter gain of \$15.9 billion to an annual rate of \$10.4 billion, inventory accumulation declined to a \$9.5 billion annual rate in the second quarter. Real final sales-the

portion of GNP sold to ultimate users-increased \$14.3 billion, as businessmen





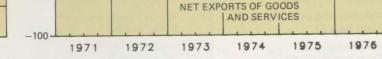


GOVERNMENT PURCHASES OF GOODS AND SERVICES GROSS PRIVATE DOMESTIC INVESTMENT

PERSONAL CONSUMPTION

EXPENDITURES



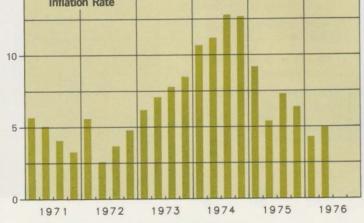


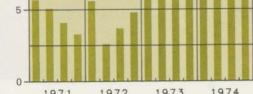
GROSS NATIONAL PRODUCT*	2ND QTR. 1975	1ST QTR. 1976	2ND QTR. 1976
	E	Billions of Dolla	ars
Current Dollars Constant 1972 Dollars	1,482.3 1,177.1	1,636.2 1,246.3	1,673.0 1,259.7
Personal Consumption Expenditures Government Purchases of Goods	767.5	800.7	808.7
and Services Gross Private Domestic	259.1	261.9	264.6
Investment Net Exports of Goods and	126.2	167.1	170.5
Services	24.3	16.6	15.8
	Perce	nt Change, Ann	ual Rates
Inflation Rate (Chain Price Index)	5.4	4.3	5.0

\*Data revisions since the first quarter of 1976 reflect the annual revision each July for the three preceding years to incorporate source data not available when previous estimates were made.

1,300 1,200 -CONSTANT 1972 DOLLARS 1,100 1,000 1976 1975 1971 1972 1973 1974 PERCENT CHANGE, ANNUAL RATES **Inflation Rate** 

CURRENT DOLLARS





SOURCE BUREAU OF ECONOMIC ANALYSIS



have sold off stocks faster than they have built up inventories in two out of the last three quarters.

1975

1976

Quarter-to-Quarter Change in **Gross National Product** 

**Ouarter-to-Quarter Change** in Final Sales

Quarter-to-Quarter Change in Inventory Investment

#### INDUSTRIAL PRODUCTION 56

#### June Production Index Up 0.3% Over May; 2d-Quarter **Gain Slows**

The total industrial production index rose an estimated 0.3 percent in June following a 0.7-percent increase in May. The June index of 129.9 was about 16 percent above the March 1975 low of 111.7 and about 1.5 percent below the June 1974 high of

INDEX 1967=100

150

131.9. Output rose an estimated 1.4 percent in the second guarter of 1976, compared to a first-quarter gain of 3 percent. The May and June levels were reduced by approximately 0.2 percent as a result of the rubber strike.

The mining and utilities index, which has shown little change since January, was estimated at 131.5 in

June. Manufacturing rose 0.5 percent to 129.7.

The total products index rose more slowly in June. Final products rose 0.3 percent to 127.2, and the intermediate products index was unchanged at 135.4. The materials index increased 0.4 percent to 131.4, reflecting continued gains in output of durable materials.

1976

1974

1974

Selected Market Groupings -

**Final Products** 

1973

110

100

PRODUCTS

The consumer goods index edged up 0.2 percent in June for a total secondquarter increase of 0.4 percent. This compares to a first-quarter gain of 2.9 percent. Business equipment rose 0.6 percent in June for a total gain of 1.9 percent in the second quarter. Output is still 6.8 percent below the September 1974 peak.

NOTE: A general revision

tion index was announced

on June 28. The data on this page reflect the changes. The revision will

be described in the June

Federal Reserve Bulletin,

and a complete series of

revised data will be published in late fall in

MATERIALS

1975

1975

1976

BUSINESS EQUIPMENT

Industrial Production, 1976 edition.

by the Federal Reserve Board

of the industrial produc-

#### **MANUFACTURING & TRADE-SALES & INVENTORIES**

#### Sales Drop in May; **Inventories** Continue '76 Expansion Trend

Total manufacturing and trade sales declined for the first time since last November, May sales were valued at \$186.4 billion, down \$651 million from the April peak, A \$663 million increase in manufacturers' sales was offset by declines

1973

1972

SOURCE BUREAU OF ECONOMIC ANALYSIS

1971

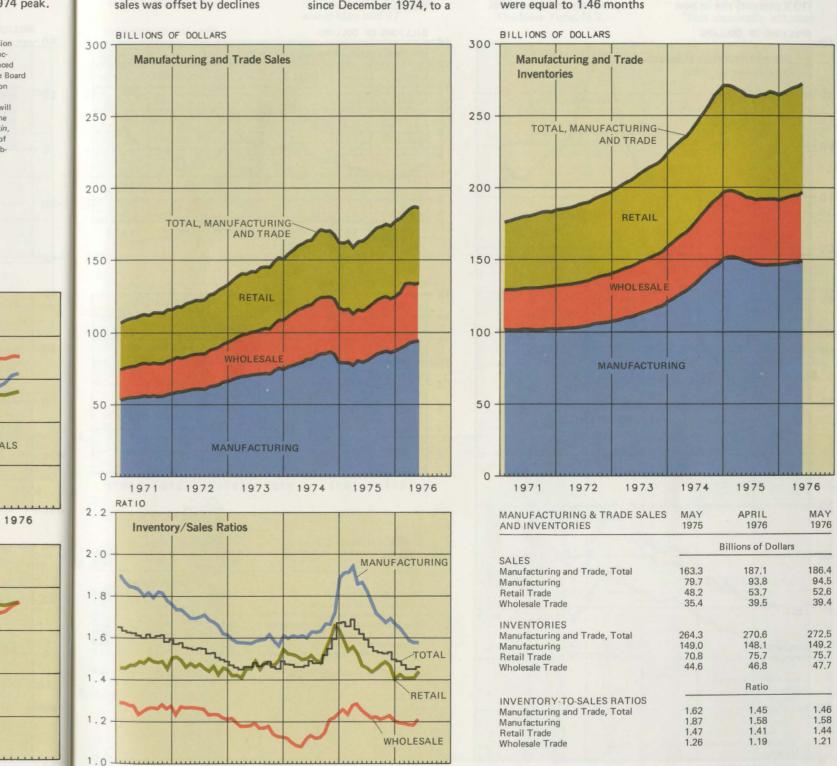
1974

1975

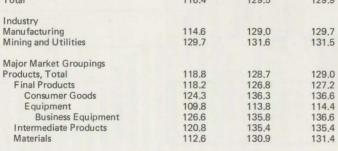
1976

in retail and wholesale sales. Retail sales fell \$1.1 billion and wholesale sales edged down \$179 million. Combined sales for May were 14 percent above May 1975.

Total manufacturing and trade inventories continued to expand in May. Stocks rose \$1.9 billion (0.7 percent) the largest gain since December 1974, to a







SOURCE BOARD OF GOVERNORS OF THE FEDERAL RESERVE BOARD

new high of \$272,5 billion. This follows an upwardrevised \$962 million gain in April. Manufacturers' inventories, which rose \$1.0 billion, accounted for 54 percent of the rise. Wholesale inventories were up \$829 million, and retail inventories were basically unchanged at \$75.7 billion. Combined inventories were equal to 1.46 months

of sales at the May rate. The manufacturing inventory-to-sales ratio was unchanged at 1.58 as inventory accumulation kept pace with sales gains. **Reflecting declines in** sales, the retail and wholesale ratios rose to 1.44 and 1.21, respectively.

#### 58 ADVANCE REPORT ON MANUFACTURERS' DURABLE GOODS-JUNE

#### June Durable Goods Orders Up Slightly; Shipments Also Gain

New orders for durable goods rose \$716 million (1.4 percent) to \$50.4 billion in June, according to preliminary data. This is less than half the May gain of \$1.8 billion. A sharp \$1.2-billion

(10.2 percent) rise in new

BILLIONS OF DOLLARS 140 Advance Report on Manufacturers' Durable Goods-June 130 120 110 UNFILLED ORDERS 100 90 80 70 60 NEW ORDERS 50 SHIPMENTS 40 30 NEW ORDERS EXCLUDING TRANSPORTATION EQUIPMENT \_ 20 10

orders for transportation equipment paced the June advance. A \$745 million (1 decrease in new orders for primary metals was partially offsetting. New orders for durable goods—excluding transportation equipment thindustries—declined \$444 million, 1.2 percent. Total new orders for durable goods have climbed 28.3 percent since June 1975.

14

12

10

8

0

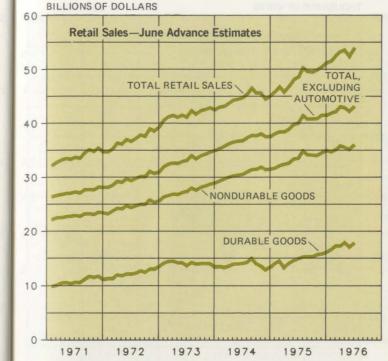
Shipments by durable goods industries rose \$497 million (1 percent) to another new high of \$48.8 billion. Shipments of transportation equipment, which rose \$754 million (6.6 percent). posted the largest gain. A \$315million decline in machinery shipments was partially offsetting. Durable shipments were up 19.8 percent from last June. The June rise in new orders continued to outpace the increase in shipments resulting in a \$1.6 billion rise in the backlog of unfilled orders. This is the largest gain since the \$1.7billion increase reported in September 1974.



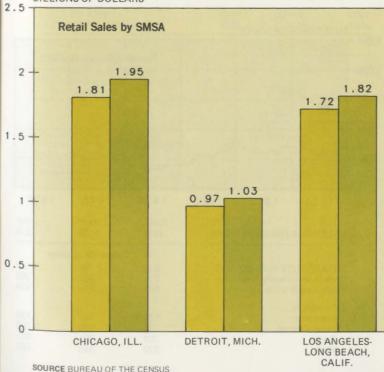
#### June Retail Sales Rebound From May Drop; Autos Spurt

According to advance data, total retail sales rose 2.7 percent (\$1.4 billion) in June, completely recovering from the 2.1-percent drop posted in May. June sales, estimated from weekly sales reported by a sampling of retail outlets, were valued at a new high of \$54 billion, an increase of 11 percent since June 1975.

Sales of durable goods advanced \$645 million (3.7 percent) to \$17.9 billion. A \$622 million rise in automotive sales accounted for nearly all of the increase. Automotive sales, estimated at \$10.8 billion, were 6.1 percent above May and 27



BILLIONS OF DOLLARS



BILLIONS OF DOLLARS



ADVANCE REPORT ON MANUFACTURERS' DURABLE GOODS	JUNE 1975	MAY 1976	JUNE 1976
		Billions of Dollars	0
New Orders for Durable Goods	39.3	49.7	50.4
Primary Metal Industries	5.4	8.8	8.1
Transportation Equipment Industries	9.2	11.4	12.6
New Orders Excluding Transportation	30.1	38.3	37.8
Shipments of Durable Goods	40.8	48.3	48.8
Machinery Industries	12.7	14.3	14.0
Transportation Equipment Industries	9.5	11.4	12.1
Unfilled Orders-Durable Goods	119.1	115,2	116.8

SOURCE BUREAU OF THE CENSUS

1972

1973

1974

1975

1976

1971

0

percent above last June. Reflecting widespread gains, nondurable sales rose 2.2 percent, (\$788 million) to \$36.1 billion. The general merchandise group rose \$328 million (4 percent) to \$8.5 billion.

#### **RETAIL SALES IN SE-**

LECTED SMSA's: \* May retail sales were generally above year-ago levels. The New York, N.Y.- Nassau-Suffolk, N.Y. area reported the only decline (3 percent). Largest gains were reported by the San Francisco-Oakland area—9 percent, the Chicago area—8 percent.

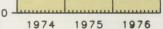
The Detroit and Los Angeles-Long Beach areas posted increases of approximately 6 percent each.

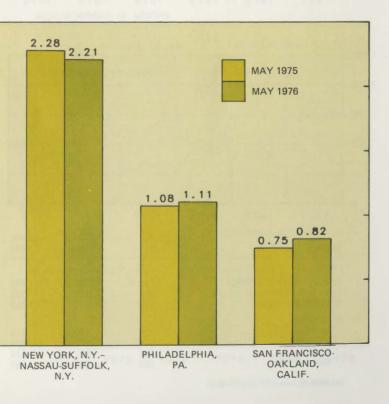
#### \*Not seasonally adjusted

RETAIL SALES-JUNE ADVANCE	JUNE 1975	MAY 1976	JUNE 1976
		Billions of Dollars	
Retail Sales, Total	48.7	52.6	54.0
Sales Excluding Automotive			
Dealers Group, Total	40.1	42.4	43.2
Durable Goods	15.0	17.3	17.9
Automotive Dealers, Total	8.5	10.2	10.8
Nondurable Goods	33.6	35.3	36.1
General Merchandise Group, Total	8.0	8.2	8.5









#### 60 HOUSING STARTS & PERMITS

multifamily structures

declined 21,000 units.

greatest unit increase

(88,000 units), followed

by the Northeast region's

increase of 28,000 units.

The North Central region

52,000 units to its lowest

level since January, while

the West remained rela-

tively unchanged.

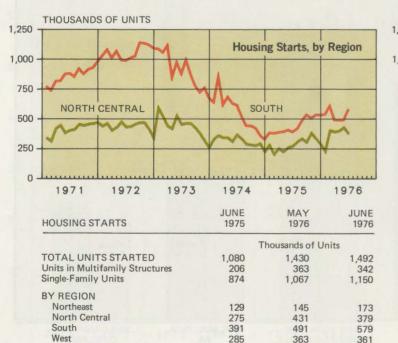
declined sharply, down

The South showed the

#### Private Housing Starts Rise in June to 1,5 Million Rate

Privately-owned housing units started in June rose 4.3 percent to a seasonally-adjusted annual rate of 1,492,000. Starts of single-family units were up 83,000 units, while starts of units in





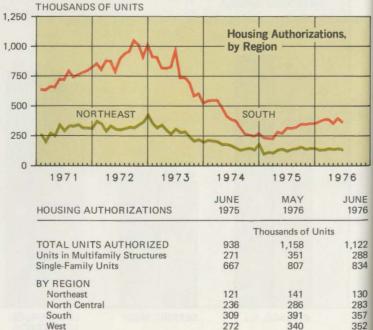
#### Authorized Permits for Private Housing Dips 3.1% in June

Privately-owned housing construction was authorized in June at a seasonally adjusted annual rate of 1,122,000 in the 14,000 permit-issuing places, a decline of 3.1 percent. Permits for single-family units rose 27,000 units which was more than offset by a 63,000-unit drop in multifamily units. All regions except the West reported declines with the South and the Northeast falling a total

of 45,000 units.

Note: Authorization data has been revised from January 1974 to May 1976.

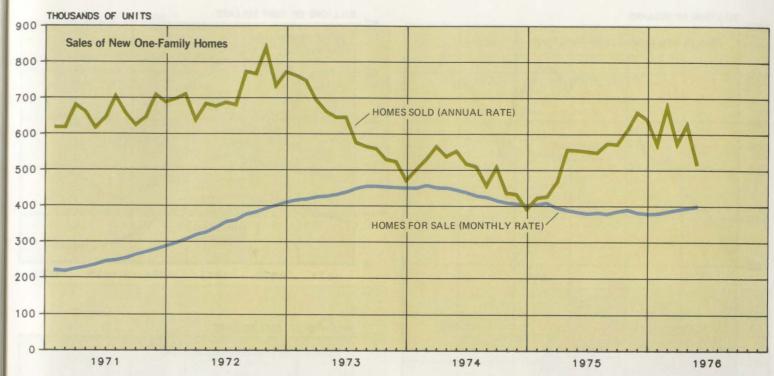




#### **NEW HOME SALES**

#### New Home Sales Drop 18% During May to 514,000 Annual Rate

The number of new one-family homes sold in May 1976 dropped to an annual rate of 514,000 units, 114,000 units lower than the April 1976 rate of 628,000 units. This represents an 18-percent decrease. The inventory of new onefamily homes available for sale has continued to remain between 380,000 and 400,000 units over the last 20 months.



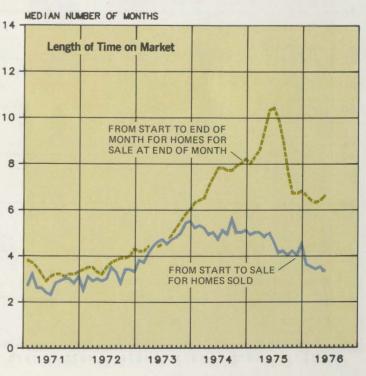
SALES OF NEW ONE-FAMILY HOMES	MAY 1975	APRIL 1976	MAY 1976
	N	umber in Thousa	ands
Homes Sold During Month Annual Rate, Total Homes for Sale at End of Month	554	628	514
Monthly Rate, Total	381	390	396
		Number of Mon	ths
Median Number of Months			
From Start to Sale for Homes Sold Median Number of Months From Start to End of Month	5.0	3.5	3.3
For Homes for Sale at End of Month	10.3	6.4	6.6

SOURCE BUREAU OF THE CENSUS

SOURCE BUREAU OF THE CENSUS

#### Time That New Homes Stay on Market Dips From Earlier Highs

During 1971, the median number of months homes sold and homes for sale stayed on the market (as measured from month of start) was the lowest in a decade. During 1972, 1973, and 1974, the length of time increased for both categories. For homes sold, time on market peaked at 5.6 months in September 1974 and is currently about 3.5 months; homes for sale peaked 9 months later in mid-1975 at 10.4 months and is now about 6.5 months.



#### 61

#### 62 VALUE OF NEW CONSTRUCTION

#### New Construction Dips During May to Annual \$140 Billion Rate

In May 1976 the value of new construction work done (in current dollars) declined 1.5 percent to an annual rate of \$140 billion.

In real terms (expressed in constant 1967 dollars) new construction activity declined for the second straight month to \$71.2 billion, 1.9 percent below the April level of \$72.6 billion.

Private construction, which comprises almost three-quarters of total new construction work done, declined 1.5 percent; public construction dipped 3.2 percent.

#### Industrial, Commercial Building Declines

The overall decrease in construction activity was a result of declines in both private residential and nonresidential construction work done. Residential construction decreased 2.7 percent to \$29.3 billion; new construction on multifamily and single-unit structures declined 2.9 and 1 percent, respectively.

New construction on nonresidential buildings dropped 3.1 percent; construction of industrial buildings fell 8.1 percent, while commercial buildings declined 4.7 percent.

NOTE: Value-in-place estimates were revised from January 1973 to April 1976.

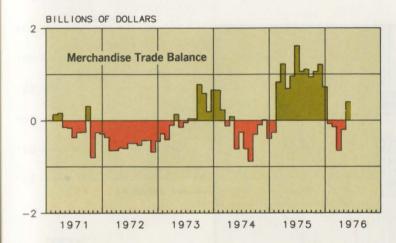
1975

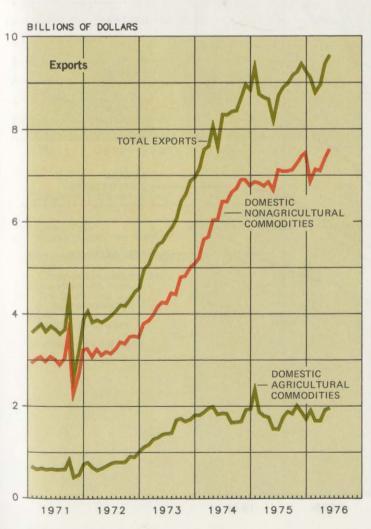
1976

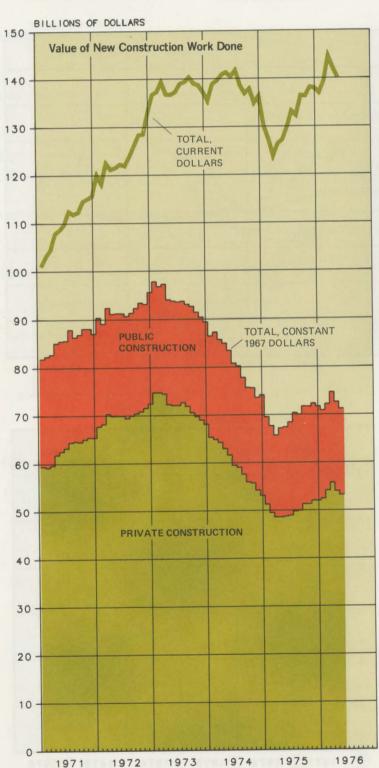
EXPORTS & IMPORTS

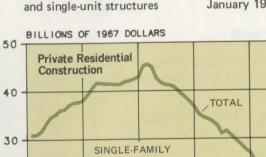
#### U.S. Trade Balance Shows \$395.6 Million Surplus During May

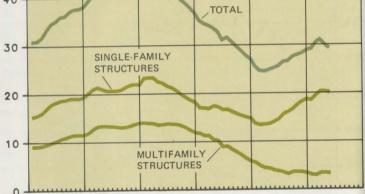
In May, the U.S. trade balance recorded a surplus for the first time in 5 months, with exports exceeding imports by \$395.6 million. As a result, the cumulative deficit for the year dropped from \$1.07 billion to \$670.8 million. Total exports rose for the third straight month, but the increase of \$184 million, or 2 percent, to a record \$9.58 billion was less than half of April's gain of 4.9 percent. The increase of \$211.6 million in nonagricultural exports to a record \$7.55 billion was paced by aircraft and









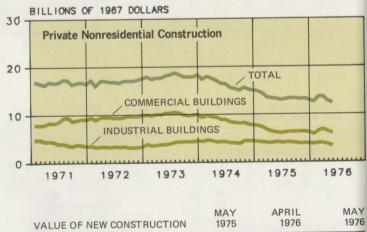


1974

1973

1972

1971



VALUE OF NEW CONSTRUCTION	1975	1976	1970
	-	Billions of Dollars	
CURRENT DOLLARS, TOTAL	127.1	142.1	140.0
CONSTANT 1967 DOLLARS, TOTAL	67.4	72.6	71.2
Private Construction	48.7	54.0	53.
Residential Buildings	25.2	30.1	29.
Single-Family Structures	18.1	23.7	23.
Multifamily Structures	14.1	20.3	20.
Nonresidential Buildings	13.2	12.8	12.
Commercial	6.3	6.4	6.
Industrial	4.2	3.7	3.
Public Construction	18.7	18.6	18.

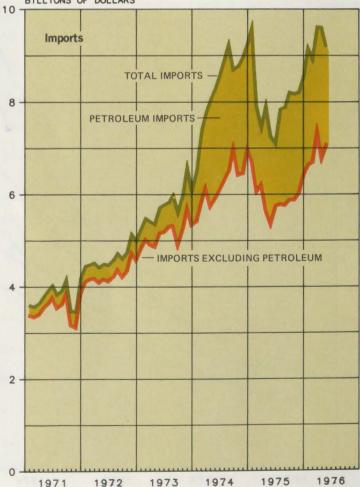
#### SOURCE BUREAU OF THE CENSUS

SOURCE BUREAU OF THE CENSUS

parts, up \$95.1 million to \$516.2 million. Agricultural exports rose \$41.8 million to \$1.95 billion. Soybean exports, up \$73 million, made the strongest contribution to increased agricultural exports. Offsetting movements occurred in grain sorghums and wheat exports. Total imports declined \$420 million to \$9.18 billion. A \$710 million plunge in petroleum imports more than offset a \$290 million increase in all other imports.

EXPORTS AND IMPORTS	MAY 1975	APRIL 1976	MAY 1976
		Billions of Dollars	
MERCHANDISE TRADE BALANCE	0.955	-0.202	0.396
EXPORTS, TOTAL*	8.22	9.39	9.58
Domestic Nonagricultural Commodities	6.69	7.34	7.55
Domestic Agricultural Commodities	1.51	1.91	1.95
IMPORTS, TOTAL*	7.27	9.60	9.18
Imports, Excluding Petroleum	5.37	6.80	7.09
Petroleum Imports	1.90	2.80	2.09

\*Detail may not add to total due to seasonal adjustment of individual series.



#### BILLIONS OF DOLLARS

## 64 CONSUMER PRICE INDEX-INTERNATIONAL COMPARISONS

UNITED KINGDOM: The composite index of consumer prices continued to rise in May, up a further 1.2 percent to 249. This means that average prices paid by consumers during May 1976 were 21/2 times the average of prices paid during 1967. The index has climbed 15.3 percent since May 1975.

JAPAN: Consumer prices were unchanged in May after posting a steep 2.3-percent rise in April, the largest in a year. Prices have risen a total of 8.8 percent since May a year ago. This compares to a 14.5percent advance during the May 1974-May 1975 period. **FRANCE:** Continuing its uninterrupted climb, the consumer price index rose

1 percent in May to 194. Prices are 9.6 percent above May 1975.

CANADA: The consumer price index continued to rise moderately in Mayup 0.6 percent to 171. Prices have risen a total of 8.9 percent since May 1975, compared to a 9.8percent gain during the May 1974-May 1975 period.

**UNITED STATES:** In the largest increase since November 1975, prices rose 0.6 percent in May compared to an average monthly increase of 0.3 percent during the November-April period.

WEST GERMANY: Prices remained stable in May at 154, representing an increase of 4.8 percent since May 1975.

#### CONSUMER PRICE INDEX

#### Second Quarter CPI **Rises at Double the First Quarter Rate**

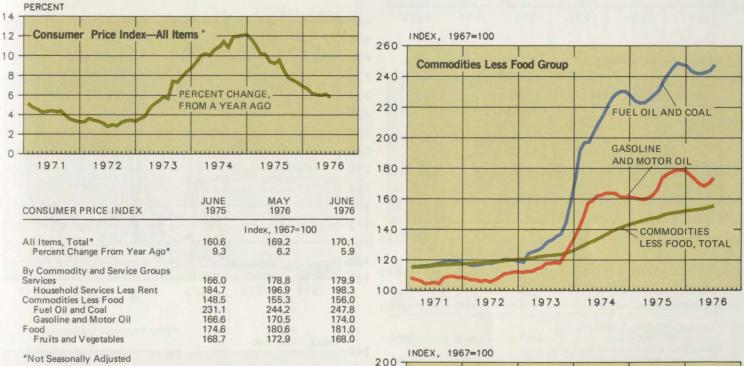
The consumer price index for all items rose a seasonally-adjusted 0.5 percent in June compared with a 0.6-percent increase in May. The energy group (gasoline, motor oil, fuel oil, coal, natural gas and electricity) accounted for

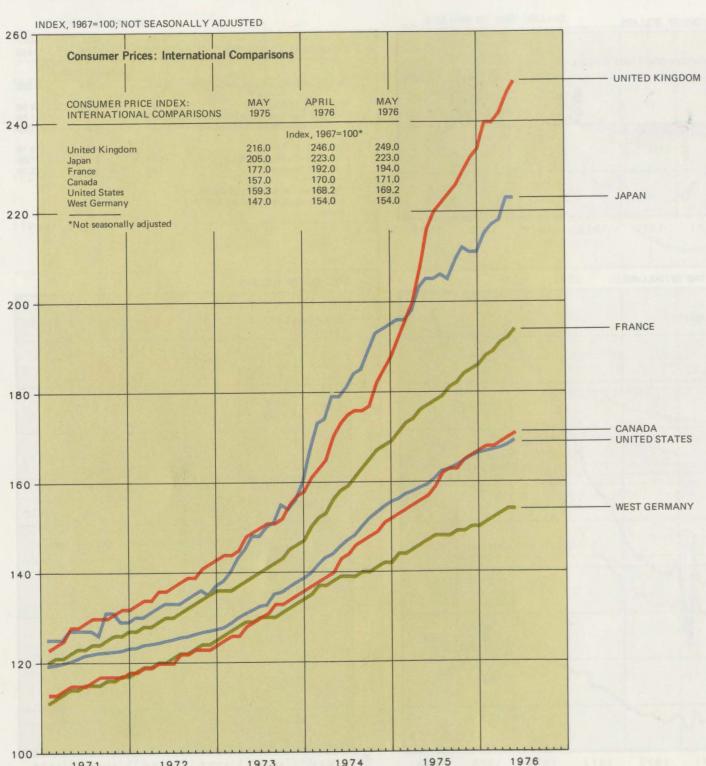
almost a third of the June rise.

The all items index rose at an annual rate of 6 percent in the June quarter compared with a 2.9-percent gain in the March quarter. The unadjusted June index stood at 170.1, up 5.9 percent from June 1975. The services index rose

0.6 percent compared with







1975 1973 1974 1972 1971

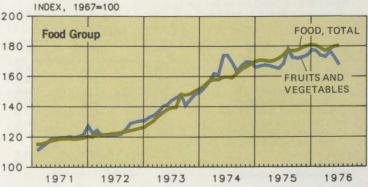
SOURCE BUREAU OF ECONOMIC ANALYSIS

a 0.4 percent rise in May. The cost of household services, except rent, rose more in June (0.7 percent), reflecting sharp increases in charges for natural gas, electricity, and home repair services.

The commodities less food index rose 0.5 percent in June following a 0.6percent increase in May. The gasoline and motor oil

index rose 2.1 percent and the fuel oil and coal index rose 1.5 percent

The food index edged up 0.2 percent in June, considerably less than the 1-percent advance posted in May, A 2.8-percent decrease in fruits and vegetables limited the increase in the overall index.



#### 66 WHOLESALE PRICE INDEX

#### Wholesale Prices Up At 6.6% Annual Rate For April-June 1976

The wholesale price index for all commodities rose 0.4 percent seasonally adjusted in June. This follows a 0.3-percent rise in May and a 0.8-percent advance in April. A slower rise in farm products and processed foods and feeds





WHOLESALE PRICE INDEX	JUNE 1975	MAY 1976	JUNE 1976
ALL COMMODITIES, TOTAL*			
(Index, 1967=100)	173.7	181.8	183.1
Percent Change Over 3-Month Span,			
Seasonally Adjusted Annual Rate	6.5	5.5	6.6
		Index, 1967=10	00
Farm Products	184.5	194,9	195.4
Fresh and Dried Fruits			
and Vegetables	188.8	168.4	146.8
Livestock	196.5	187.1	179.7
Processed Foods and Feeds	180.4	181.6	182.4
Sugar and Confectionery	221.1	214.9	200.4
Manufactured Animal Feeds	170.5	186.3	215.3
Industrial Commodities	169.9	179.6	180.5
Metals and Metal Products	182.9	192.5	194.6
Fuels and Related Products			
and Power	239.6	254.1	256.7

\*Not Seasonally Adjusted

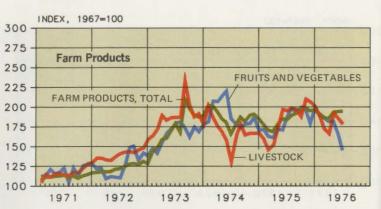
partially offset a larger increase in prices for industrial commodities.

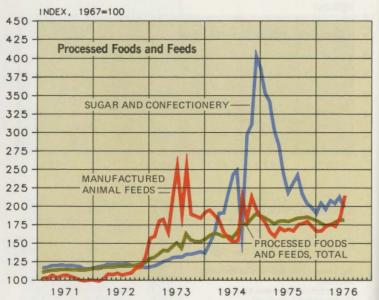
Wholesale prices rose at a seasonally adjusted annual rate of 6.6 percent during the April-to-June period, the largest increase since the 3 months ending last November. The unadjusted index rose to 183.1 percent of its 1967 average.

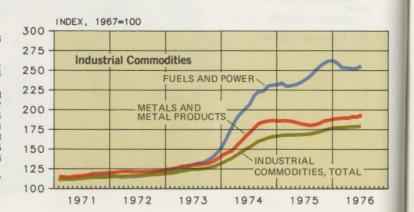
By commodity classification, the farm products index edged up a seasonallyadjusted 0.3 percent in June. A 12.8-percent drop in fresh and dried fruits and vegetables was a major factor. Livestock prices also declined. Processed foods and feeds rose 0.4 percent, considerably less than the gains posted in April and May. A decline in sugar and

confectionery almost completely offset a rise in manufactured animal feeds.

Industrial commodities rose 0.5 percent, the largest increase since December 1975. Accounting for more than half of the June rise were increases in metal products (1.1 percent) and fuel and related products and power (1 percent).







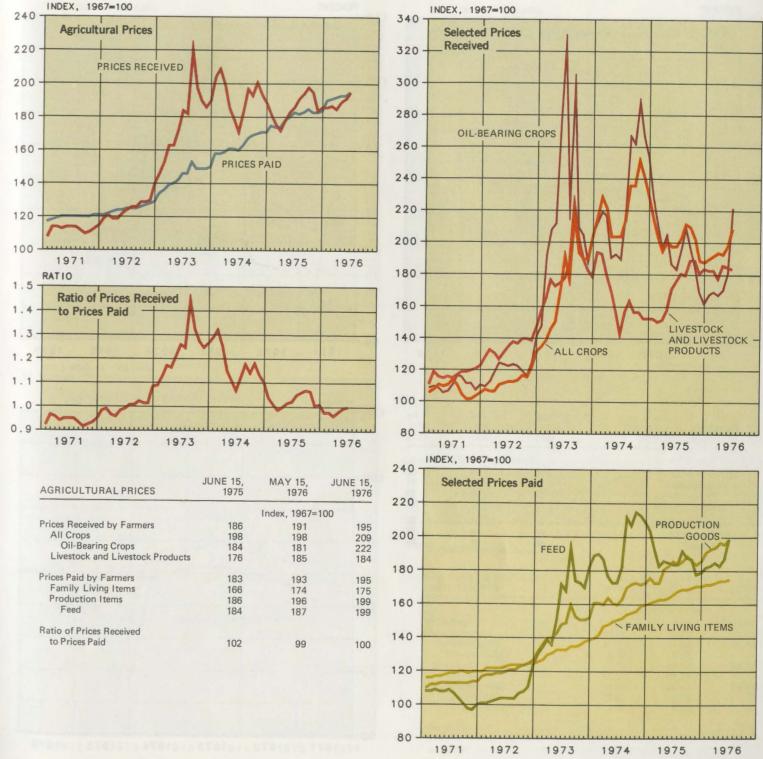
### AGRICULTURAL PRICES

#### **Farmers Prices, Costs** Hit Same Rate: First **Time in 14 Months**

The index of prices received by farmers for their products rose for the second consecutive month, increasing 4 points (2 percent) to 195 during the month ended June 15. This was the highest level in 8 months.

Prices paid by farmers for commodities and services, interest, taxes, and farm wage rates edged up 2 points (1 percent) to a new high of 195.

The ratio of prices received to prices paid rose to 100 percent. This was the first time since April 1975 that prices received equaled prices paid.



AGRICULTURAL PRICES	JUNE 15, 1975	MAY 15, 1976	JUNE 15, 1976
		Index, 1967=	100
Prices Received by Farmers	186	191	195
All Crops	198	198	209
Oil-Bearing Crops	184	181	222
Livestock and Livestock Products	176	185	184
Prices Paid by Farmers	183	193	195
Family Living Items	166	174	175
Production Items	186	196	199
Feed	184	187	199
Ratio of Prices Received			
to Prices Paid	102	99	100

#### **Oil-Bearing Crop** Prices Rise 23%: All Crops Up 6%

Prices received for all crops rose 11 points (6 percent) to 209, its highest level since September 1975. Oil-bearing crops rose 41 points (23 percent) to 222: soybeans were up at \$6.16 per bushel, \$1.29 above a month earlier. Livestock

and livestock products declined 1 point (0.5 percent) to 184.

The production goods index was up 3 points (2 percent) to a high of 199 and has increased in 6 of the past 7 months. Feed prices rose 12 points (6 percent) to 199. The last time the feed price index broke 200 was in Jan. 1975.

#### Motor Vehicles Pace 3% Rise in Manufacturing Capacity

The rate of manufacturing capacity in the first quarter of 1976 was 82 percent, 3 percentage points higher than in the fourth quarter of 1975. The January-March rate was 7 points above the rates in the first half of 1975. Increases occurred

Capacity Utilization in Manufacturing

PERCENT

110

100

90

80

70

60

1971

1972

1973

in all major industries, but were larger in durables than in nondurables.

The capacity utilization rate in durable goods manufacturing advanced 4 percentage points, to 81 percent. Motor vehicles rose 11 points to 98 percent as auto-makers stepped up output of large- and intermediate-sized models. That rate was the highest since the third quarter of 1973. Partly reflecting the stepup in motor vehicle production, primary metals rose 9 points, to 78 percent. In nondurables, the 1-percentage point increase in the rate of capacity utilization was a result of

a 5-point increase in rubber to 86 percent, and a rise of 4 points in textiles to a rate of 89 percent.

# PERCENT 110 **Durable Goods Manufacturing** MOTOR VEHICLES 100 90 80 TOTAL DURABLE GOODS 70 PRIMARY METALS 60 1971 1972 1973 1974 1975 1976

CAPACITY UTILIZATION	1st QTR. 1975	4th QTR. 1975	1st QTR. 1976
	Oper	ating Rates (Pe	rcent)
All Manufacturers	75	79	82
Durable Goods	74	77	81
Primary Metals	79	69	78
Motor Vehicles	73	87	98
Nondurable Goods	76	81	82
Textiles	69	85	89
Rubber	65	81	86

1974

1975

1976

PERCENT

110

ALL MANUFACTURERS

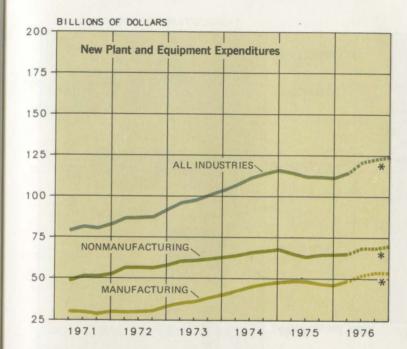


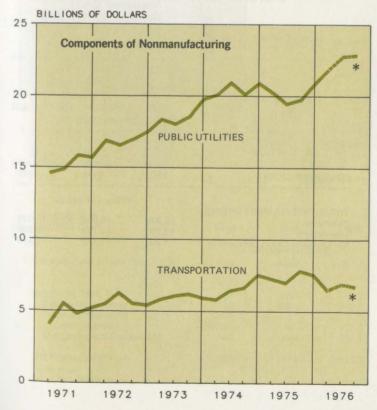
# **NEW PLANT & EQUIPMENT EXPENDITURES**

First Quarter Gain Reverses Down Trend in Capital Spending

Reversing a trend of four consecutive quarterly declines, actual new plant and equipment expenditures in the first quarter of 1976 rose 2.6 percent to an annual rate of \$114.72 billion. Capital spending in manufacturing, rising \$2.39 billion to a seasonally adjusted rate of \$49.21 billion, accounted for most of the increase. Outlays for plant and equipment in nonmanufacturing industries, edging upward \$530 million, remained virtually unchanged.

Capital investment in petroleum, rising \$1.06 billion to \$11.38 billion, comprised almost three-fifths of the total increase of



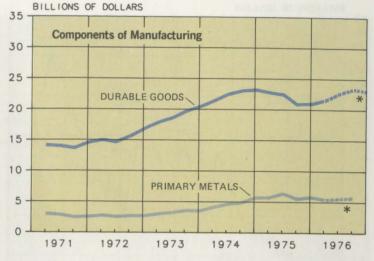


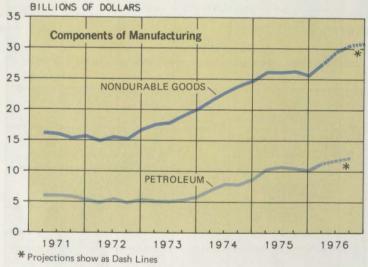
SOURCE BUREAU OF ECONOMIC ANALYSIS

\$1.83 billion in nondurable goods industries.

A decline in primary metals was offset by small increases in other industries in the durable goods sector, which rose \$560 million to a total of \$21.63 billion.

Capital spending is projected to increase 7.3 percent in 1976 to an annual rate of \$121.03 billion. Manufacturing investment will rise 9.5 percent to \$52.52 billion, while nonmanufacturing capital investment is expected to rise 5.7 percent to \$68.50 billion. However, this represents an overall gain of only 0.8 percent in real capital expenditure after subtracting a 6.5-percent projected pace for inflation in 1976.





NEW PLANT & EQUIPMENT EXPENDITURES	4th QTR.	1st QTR	1976*
	Bil	lions of Dollars	
All Industries	111.80	114.72	121.03
Manufacturing	46.82	49.21	52.52
Durable Goods	21.07	21.63	22.74
Primary Metals	5.89	5.51	-
Nondurable Goods	25.75	27.58	29.78
Petroleum	10.32	11.38	_
Nonmanufacturing	64.98	65.51	68,50
Public Utilities	20.91	21.91	-
Transportation <sup>1</sup>	7.60	6.55	-

\*Projected

<sup>1</sup> Includes railroad, air, and other

#### 70 CONSUMER INSTALLMENT CREDIT

Liquidations dropped 4

The \$1.47-billion gain

was the largest since the

\$1.49-billion increase of

in credit outstanding.

December 1975. All major

credit types except mobile

A gain of \$652 million in

for nearly half the total

homes registered an increase

automobile credit accounted

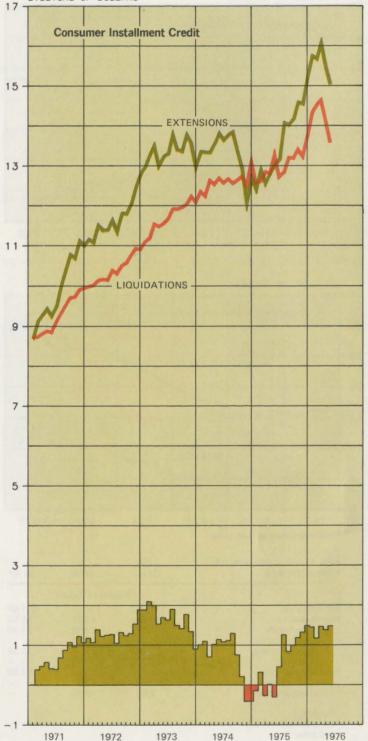
percent to a level of

\$13.57 billion.

#### Gain of \$1.47 Billion in May Consumer Credit Highest Since Dec. '75

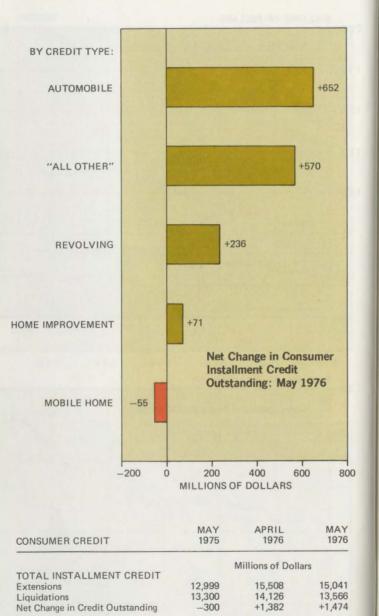
Outstanding consumer installment credit increased by \$1.47 billion in May, resulting from liquidations of credit decreasing at a more rapid rate than extensions. Extensions totaled \$15.04 billion, down 3 percent from April.

### BILLIONS OF DOLLARS



increase, with most of the remaining rise occurring in the "all other" category.

Note: There were substantial revisions due to the recent availability of benchmark information from several major holders of consumer credit. However, only revisions of the total credit categories were available as of this printing.

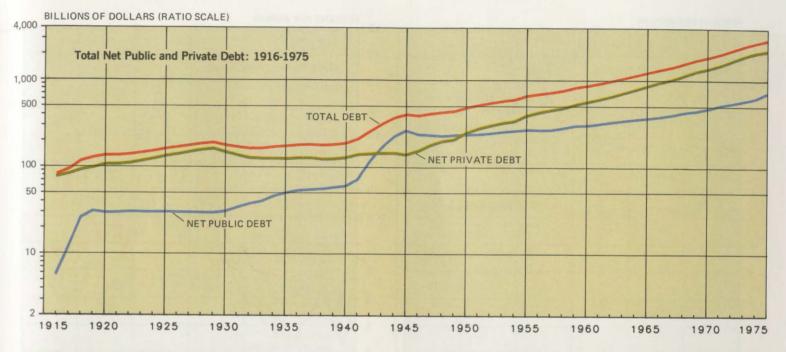


# NET PUBLIC & PRIVATE DEBT

Net Public, Private Debt Nears \$3 Trillion by the End of 1975

Net public and private debt reached \$2,997.1 billion by the end of 1975, 8.3 percent higher than at the same time in 1974. Net public debt increased more rapidly (15.1 percent) than net private debt (6.2 percent) for the first time since World War II.

Federal Government debt led the sharp rise in net public debt. Heavy Treasury financing requirements increased Federal Government debt almost 24 percent in 1975. This was the fastest rate of increase since World War II. State and local government debt grew at a slower pace in 1975 (4.7



#### Components of Total Net Public Debt: 1916-1975 BILLIONS OF DOLLARS (RATIO SCALE)

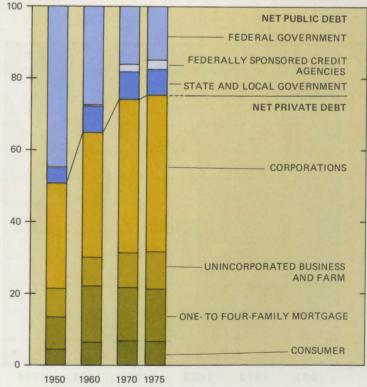
1,000 FEDERAL GOVERNMENT 10 5TATE AND LOCAL GOVERNMENT 10 FEDERALLY SPONSORED CREDIT AGENCIES 0.1 1915 1925 1935 1945 1955 1965 1975

NET PUBLIC & PRIVATE DEBT	1916	1945	1975
		Billions of Doll	ars
Net Public and Private Debt, Total	82.2	405.9	2,997.1
Net Public Debt, Total	5.7	265.9	741.2
Federal Government Federally Sponsored	1.2	252.5	446.3
Credit Agencies	NA	NA	78.8
State and Local Government	4.5	13.4	216.1
Net Private Debt, Total	76.5	140.0	2,255.9
NA Not Available			

percent) than in 1974 (8.4 percent). Debt of federally sponsored credit agencies increased 3.1 percent in 1975, compared with 27.8 percent in 1974.

Net private debt has steadily grown as a proportion of total net debt since 1950. In 1950, the total net debt was almost evenly split between the private and public sectors. However, in 1975, private debt comprised approximately three-quarters of total debt. Despite the heavy borrowing, the Federal debt remained at a historically low level as a proportion of all debt outstanding.

Distribution of Total Net Public and Private Debt: Selected Years PERCENT



#### 72 INTEREST RATES

#### Interest Rates Drop for Most Long-Term Bonds **During June**

LONG-TERM RATES: The average yield on corporate AAA bonds declined to 8.88 percent after rising sharply in May. The June 1976 level is about 15 percent below the September 1974 peak. After rising for the first time in 7 months in May, yields

PERCENT PER ANNUM

12

on long-term treasury bonds declined to an average of 6.94 percent. The yield from a 20-bond average of high-grade municipal bonds was unchanged at 6.87 percent. Residential mortgage yields rose 2.4 percent in May (the latest month for which data are available) to 9.03 percent. This was the first increase since last September.

CONVENTIONAL MORT-GAGE RATES: The effective rate on conventional loans to buy existing homes continued to decline in May, reaching 9.03 percent. Following a general decline in recent months, the average rate on loans to buy new homes posted a slight upturn to 8.98 percent in May.

term rates rose sharply in

June. The average rate on Federal funds rose to 5.48 percent. The average prime rate charged by banks, which had remained stable at 6.75 percent since February, jumped to 7.25 percent. Rates on 3-month treasury bills rose to 5.47 percent.

SHORT-TERM RATES: Short- Note: Mortgage yields apply only to single-family homes. Section IV

# trends

Science & Engineering Personnel

Distribution of Doctoral Scientists, by Field: Selected Years 74

Distribution of Doctoral Scientists, by Primary Work Activity: Selected Years 74

Bachelors Degrees in Science and Engineering: 1960-1972 74

Enrollment for Advanced Degrees in Science and Engineering: 1960-1972 74

Women as a Percent of Total Science and Engineering Doctorate Recipients, by Field: 1965-1974 75

Minority Representation Among Scientists and Engineers, by Field: 1972 75

**U.S.** Passports Issued

U.S. Passports Issued 1973-1976 76

Distribution by Residence 76

Distribution by First Area of Destination 76

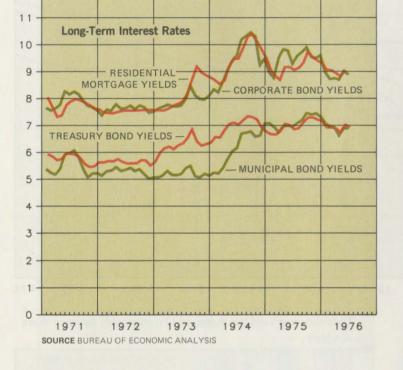
#### Adult Use of Tobacco

Distribution of Adult Cigarette Smokers, by Sex: Selected Years 77

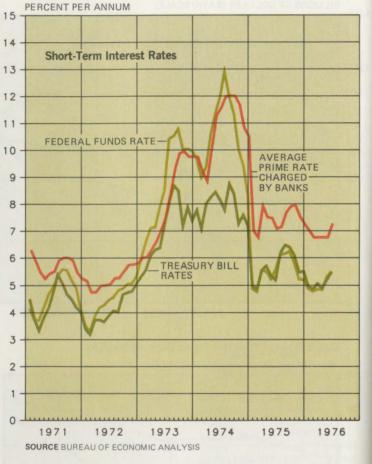
Distribution of Adult Smokers, by Age and Sex: Selected Years 77

Characteristics of Adult Smokers, by Sex: 1975 78

Distribution of Adult Smokers, by Cigarette Tar Level: 1970 and 1975 78







INTEREST RATES*	JUNE 1975	MAY 1976	JUNE 1976
	19 Arar	Percent	A & A & A &
LONG-TERM INTEREST RATES**			
Corporate Bond Yields	9.27	9.00	8.88
Treasury Bond Yields (10 or more years)	6.86	7.01	6,94
Municipal Bond Yields	6.95	6.87	6.87
Residential Mortgage Yields	9.06	9.03	NA
EFFECTIVE CONVENTIONAL MORTGAGE INTEREST RATES			
Existing Homes	9.05	9.03	NA
New Homes	8.96	8.98	NA
SHORT-TERM INTEREST RATES**			
Federal Funds Rate	5.55	5.29	5.48
Average Prime Rate Charged by Banks	7.08	6.75	7.25
Treasury Bill Rates	5.19	5.18	5.47

#### SOURCE FEDERAL HOME LOAN BANK BOARD

Distribution of Adult Smokers, by Cigarette Nicotine Level: 1970 and 1975 78

Public Attitudes Towards Cigarette Smoking: 1970 and 1975 79

**Production & Imports:** Steel, Coal, Crude Oil

Production and Imports of Steel 80

Production of Coal 80

Production and Imports of Crude Oil 80

#### 74 SCIENCE & ENGINEERING PERSONNEL

#### **Physical Scientists** With Doctorates Drop to 31% of Total

According to the latest data available (1973), there are about 245,000 doctoral scientists and engineers in the United States. Among them, physical scientists declined over the 1966-73 period from 45 percent of the total to 31 percent, while life

PHYSICAL

SCIENTISTS

SOCIAL

PSYCHOLOGISTS

**Physical Sciences** 

Engineering Mathematical Sciences

Life Sciences

Social Sciences

LIFE

MATHEMATICAL SCIENTISTS

scientists increased sharply to 31 percent.

Teaching and research and development represent the primary work activities of doctoral scientists. A declining proportion was involved in research and development, while there was an increase in the proportion reported as primarily teaching.

#### Science, Engineering **Bachelor's Degree Recipients** Double

From 1960 to 1972, the annual recipients of science and engineering bachelor's degrees doubled to a level of 281.228 recipients. The number of recipients of social science degrees tripled, and recipients of mathematical science and

life science degrees also showed strong gains.

Enrollments for advanced degrees in science and engineering fields also doubled in size from 1960 to 1972, despite a slight decline in 1972. Engineering had the largest enrollment from 1960 through 1968, and since 1969, enrollment in the social science field has been the highest.

1972

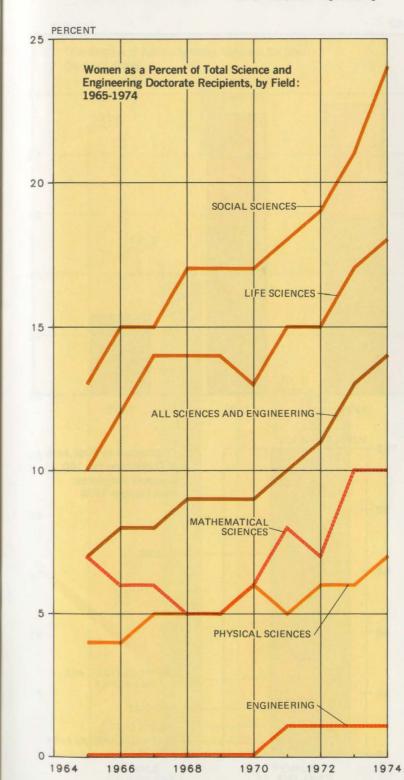
1968

# SCIENCE & ENGINEERING PERSONNEL

#### Science, Engineering **Doctorates Increase** 250% for Women

An increasing number of women are pursuing advanced studies in science and engineering, Between 1965 and 1974, the number of women receiving doctoral degrees in these fields increased by almost 250 percent, from 744 to 2,590. This absolute

growth also represents an increase in the share of science and engineering doctorates earned by women. The proportion grew from 7 percent in 1965 to 14 percent in 1974 when women were awarded 24 percent of the social science doctorates, but 10 percent or less of those in mathematical sciences, physical sciences, and engineering.



THOUSANDS Distribution of Doctoral Scientists, by Field: Selected Years 140 Bachelor's Degrees in Science and Engineering: 1960-1972 120 1966 100 1968 1970 SOCIAL SCIENCES 1973 80 60 LIFE SCIENCES. 40 50 40 ENGINEERING MATHEMATICAL SCIENCES 20 ..... PHYSICAL SCIENCES

1964

1960

36.0

55.8

28.1

49.1

73.9

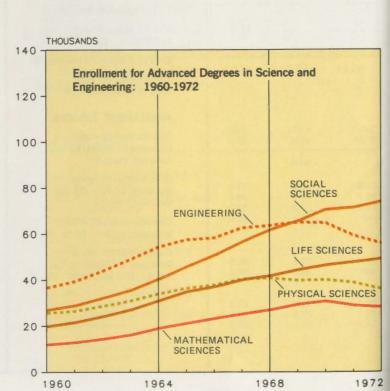
38.0

58.3

23.2

37.0

50.6



#### Distribution of Doctoral Scientists, by Primary Work Activity: **Selected Years**

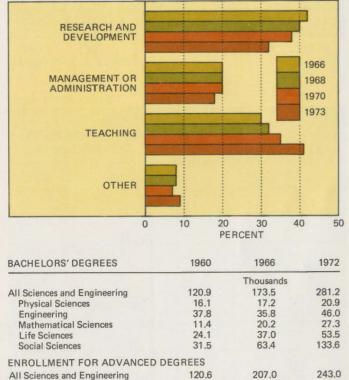
0

10

20

PERCENT

30



SOURCE NATIONAL CENTER FOR EDUCATION STATISTICS AND NATIONAL SCIENCE FOUNDATION

25.7 36.6

11.8

19.7

26.8

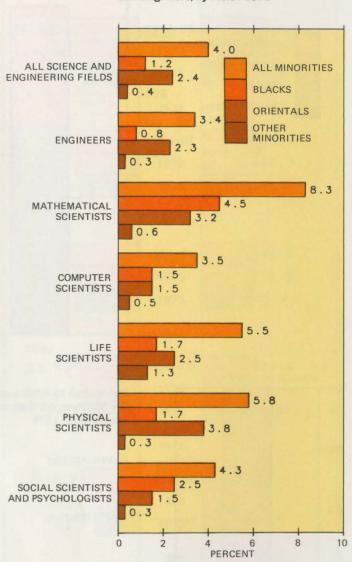


#### Mathematics Draws Largest Proportion of Racial Minorities

The field of mathematics has the largest proportion of racial minorities (8.3 percent), followed by the physical sciences (5.8 percent) and the life sciences (5.5 percent). Blacks have the highest level of participation in mathematics.

representing 4.5 percent of all mathematicians. Orientals are the largest minority in the physical sciences (3.8 percent).

The largest absolute number of minorities, by total and for each group, are found in engineering, although minorities have the smallest proportional representation in this field.



**Minority Representation Among Scientists** and Engineers, by Field: 1972

#### WOMEN AS A PERCENT OF TOTAL SCIENCE & ENGINEERING

DOCTORATE RECIPIENTS, BY FIELD	1965	1969	1974
		Percent	
TOTAL	7	9	14
Physical Sciences	4	5	7
Engineering	Z	Z	1
Mathematical Sciences	10	14	18
Social Sciences	13	17	24

Z Less than 0.5 percent.

### 76 U.S. PASSPORTS ISSUED

#### **Americans Planning** Foreign Trips Boost Passport Issuances in 1976

Passport issuances during recent years have shown a steady decline. The number of passports issued to U.S. citizens decreased 14.4 percent, from 2,729,000 during 1973 to 2,334,000 in 1975. However, this trend was reversed during January-

March 1976 when the number of passports issued rose to 662,000, surpassing firstquarter issuances for both 1974 and 1975. More passports are issued during the second quarter of the year (April-June) than during any other period.

The largest percentage of persons receiving passports during the first 3 months of 1976 were

residents of the northeastern region of the U.S. The smallest proportion (5 percent) resided in the mountain regions.

Europe continues to be the most popular destination, accounting for 69 percent of all passport recipients who reported their destination during first quarter 1976. The 10 most popular

countries intended to be

visited during the January-March quarter of 1976 were United Kingdom, Germany, France, Italy, Switzerland, Austria, Spain, Netherlands, Israel, and Japan.

Note: Data are based on a random sample of 9.9 percent of all passports issued, and reflect information included in passport



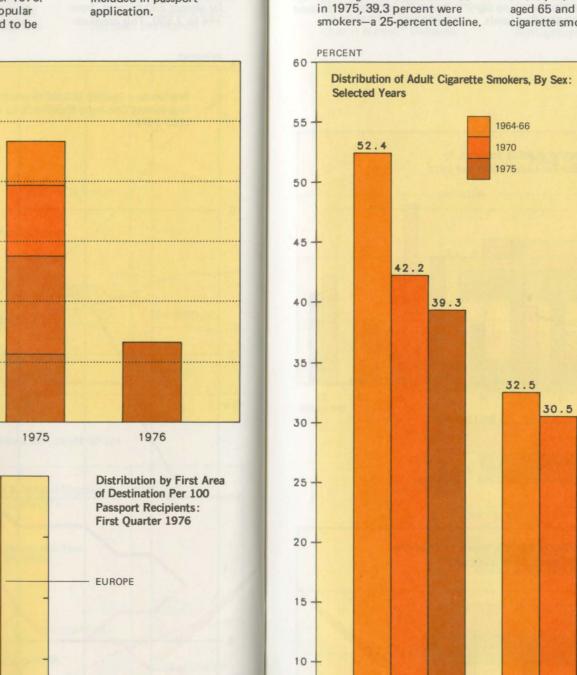
#### Adult Male Smokers Decline 25%

Since 1964 there has been a gradual decrease in the proportion of adult male and female cigarette smokers in the United States, In 1964-66, more than half of adult males reported that they were cigarette smokers while ages for females were 32.5 percent in 1964-66 and 28.9 percent in 1975. Among males, decreases in the proportion of smokers were observed in every age

The corresponding percent-

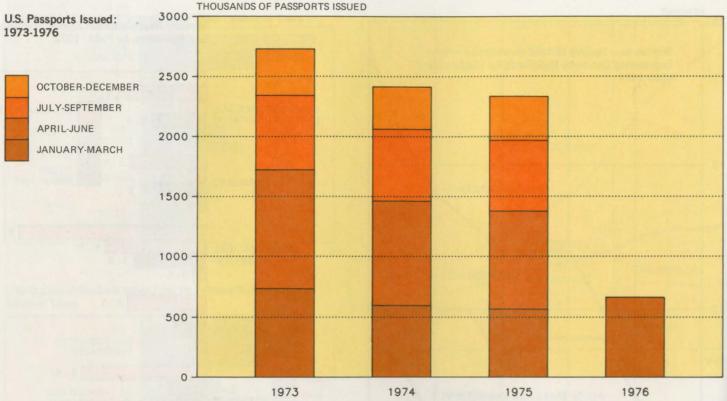
group except the oldest from 1970 to 1975. There was a 5.7-percent increase in the proportion of men aged 65 and over who were cigarette smokers. The

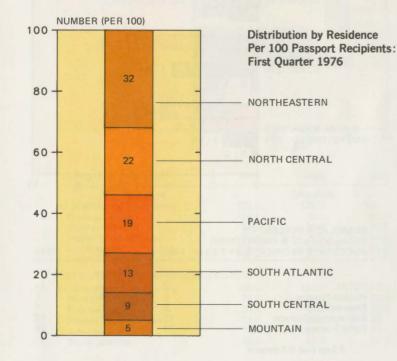
28.9

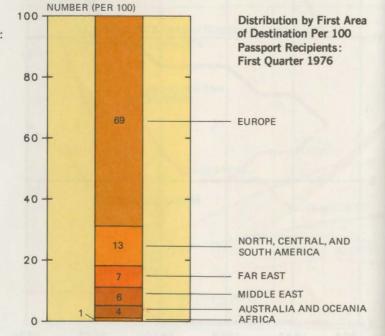


5









SOURCE U.S. PASSPORT OFFICE

greatest decline occurred among males 21 to 24 years of age between 1970 and 1975. In all but two age groups in 1964-66 more than half of males smoked cigarettes. In 1975, there was not a majority of smokers in any category. In 1964-66 the greatest concentration of smokers was found in the 21- to 24-age group. By 1975, this concentration had

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shifted to those aged 35 to 44.

Among women, there was an increase in the portion of smokers in the age group 21 to 24 years, and in the 55- to 64-age group between 1970 and 1975. There was a decrease or no change in the proportion of cigarette smokers in all other age groups.

Distribution of Adult Sm	okers, By Age a	nd Sex: Selected Years
	21-24	
64.3	1964-66	45.2
49.8	1970	32.3
41.3	1975	34.0
	25-34	
59.9	1964-66	42.6
46.7	1970	40.3
43.9	1975	35.4
- 12	35-44	
59.9	1964-66	39.9
48.6	1970	38.8
47.1	1975	36.4
	45-54	
53.5	1964-66	39.9
43.1	1970	36.1
41.1	1975	32.8
	55-64	
42.2	1964-66	20.5
37.4	1970	24.2
33.7	1975	25.9
	65+	
28.8	1964-66	10.2
22.8	1970	10.2
24.2	1975	7.1
00 75 50 25	0	0 25 50 75

#### **Highest Smoking Rates** Among Divorced or **Separated Persons**

In 1975, while only onethird of the married respondents living with their spouses were smokers, 60.1 percent of the males and 50 percent of the females who were divorced or separated were smokers.

Among males, white-collar workers were less likely to be smokers (35.6 percent) than those in blue-collar occupations (47.1 percent). Among females, this relationship was found to be the reverse.

A large portion of male high school graduates were smokers (44.4 percent), and 32.3 percent of females with some college were smokers.

#### More Adults Smoke 'Safer' Cigarettes

PERCENT

LESS

**THAN 1.0** 

1.0

1.1

1.2

1.3

MILLIGRAMS

Most adults who continue to smoke are smoking cigarettes with lower tar and nicotine levels. In 1975, 20 percent of smokers said they used a cigarette with 20 or more milligrams of tar, down from 55 percent in 1970. The proportion smoking cigarettes with nicotine levels

of 1.4 milligrams and above declined from 45 to 18 percent. In 1970, less than 10 percent of smokers smoked cigarettes with tar levels of 15 milligrams or less, compared to 15 percent in 1975. Cigarettes with less than 1.0 milligrams of nicotine were smoked by less than 6 percent in 1970, but by more than 11 percent in 1975.

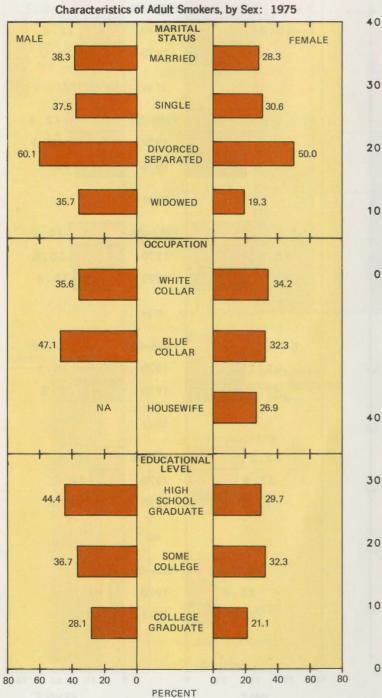
# ADULT USE OF TOBACCO

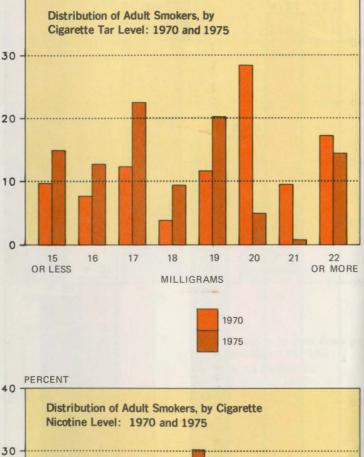
#### **Smoking Restrictions Receive Increased** Support From Public

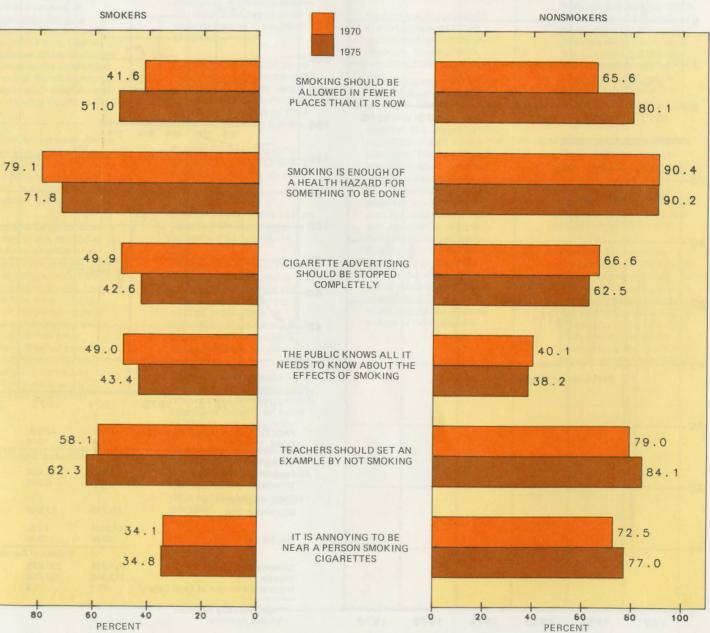
The American public, smokers and nonsmokers, have become increasingly less tolerant of smoking.

This change in attitude is evidenced by response to the statement "smoking should be allowed in fewer places than it is now." Between

1970 and 1975, the proportion of smokers in agreement with this statement rose from 42 percent to 51 percent, and the proportion of nonsmokers in agreement rose from 66 percent to 80 percent, despite the fact that there are increasing restrictions on places where people are allowed to smoke. A large proportion of both groups felt teachers







SOURCE U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE: PUBLIC HEALTH SERVICE, CENTER FOR DISEASE CONTROL; NATIONAL INSTITUTES OF HEALTH

1.5

1.6

1.7 OR MORE

100

1.4

SOURCE U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE: PUBLIC HEALTH SERVICE, CENTER FOR DISEASE CONTROL; NATIONAL INSTITUTES OF HEALTH

should set an example by not smoking. While it is understandable that fewer smokers than nonsmokers agree, it is significant that almost two out of three smokers felt that teachers should set an example.

#### Public Attitudes Towards Cigarette Smoking: 1970 and 1975

of 8.4 million tons.

since last December, Im-

cent since May 1975.

ports have increased 25 per-

**COAL:** Production of

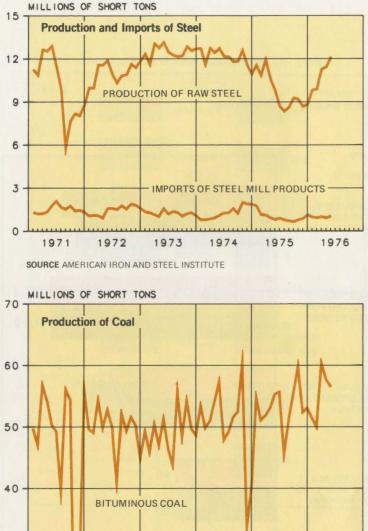
the second month in May,

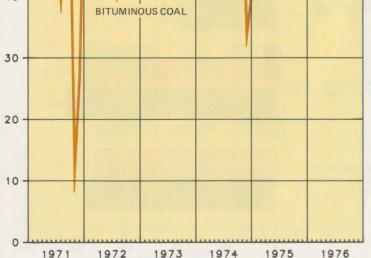
down 2.2 percent to 56.6

bituminous coal declined for

#### Crude Oil, Raw Steel Production Increase: **Bituminous Coal Dips**

**STEEL:** Production of raw steel during the month of May totaled 12.1 million short tons, the highest level since October 1974. This represents an increase of 6.1 percent over the April level and a total gain of 45 percent since



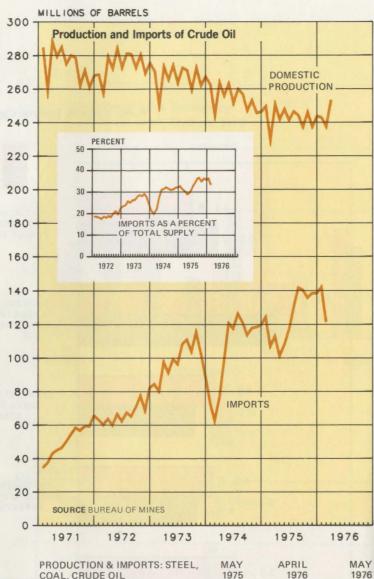


last July's 3½-year low million short tons. However, May 1976 production In May, imports of steel was 2.2 percent above mill products rose 13 per-May 1975. cent to 1.1 million short CRUDE OIL: In March, tons, the highest level

domestic crude oil production jumped 6.6 percent to 253.4 million barrels, the highest level since October 1974, Imports posted a 14.3-percent drop in February (the latest month for which data are

available) to 122.0 million barrels.

Imports have accounted for an increasingly larger share of total U.S. crude oil supply. The imports' share has increased from approximately one-fifth in 1972 to more than one-third in 1976.



1975 1976 Millions of Short Tons STEEL\* Production of Raw Steel 9.864 11.439 12.136 0.856 0.948 1.071 Imports of Steel Mill Products **COAL PRODUCTION\*** 56.605 **Bituminous** Coal 55.370 57.850 MARCH MARCH FEB. CRUDE OIL\* 1976 1975 1976 Millions of Barrels Domestic Production 251.274 237,675 253.427 113.345 122.030 NA Imports Imports as a Percent of Total Supply NA 31.1 33.9

\*Not Seasonally Adjusted NA Not Available

NOTES

Rounding-Detailed data in the tables may not agree with totals because of independent rounding. Furthermore, calculations shown in the text, such as percent and absolute changes are based on the unrounded figures and therefore may not agree with those derived from rounded figures in the table.

Seasonal Adjustment-Unless otherwise indicated, all data of less than annual frequency are seasonally adjusted by the source agency or exhibit no seasonal fluctuation.

Survey and Sampling Error-The data in this chartbook come from a variety of surveys and other sources. Data from sample surveys are subject to sampling error, and all the data are subject to possible nonsampling error due to nonresponse, reporting, and analysis error For more detailed explanations of the sampling and nonsampling errors associated with each series, contact the appropriate source.

### DEFINITIONS

#### GENERAL

Average or Arithmetic Mean-The sum of the values of all cases divided by the number of cases.

Constant Dollars-Computed values which remove the effect of price changes over time. generally derived by dividing current-dollar values by their corresponding price indexes.

Current Dollars-The dollar as valued in any given period. with no adjustment for price changes.

Durable Goods-Items with an extended life expectancy, normally 3 years or more.

Housing Unit-One or more rooms intended for use as separate living quarters and including access from the outside, either direct or through a common hall, or complete kitchen facilities for exclusive use by the occupants.

Index Number-A measure of relative value compared with a base figure (usually set equal to 100) for the same series.

Median-The value which divides the distribution into two equal parts-one-half the cases falling below this value and one-half exceeding this value.

# notes & definitions

Nondurable Goods-Items which are consumed by their utilization or with a short life expectancy (less than 3 years).

Projections-Estimates for the future based on past records and on assumptions regarding future growth.

Race Designations-The term "black" is used for data relating to black persons regardless of earlier classification (e.g., Negro) and regardless of date of enumeration. The term "black and other races" describes data for persons of all races other than white and generally is used whenever data for blacks alone are not available for the specific time period required. Statistics for the national population of black and other races largely reflect the condition of the black population, since 90 percent of the population of black and other races is black.

Real-Measured in dollars of constant purchasing power. See constant dollars.

Seasonal Adjustment-Statistical modifications made to compensate for fluctuations in a time series which recur more or less regularly each year. The cause may be climatic (farm income is highest in the fall) or institutional (retail sales peak just before Christmas).

Seasonally Adjusted Annual Rate-Indicates that data have been adjusted for seasonal variation and then expressed as if the same level of performance for the reported period would continue for the entire year.

Standard Metropolitan Statistical Area (SMSA) - An integrated economic and social unit with a large population nucleus containing at least one central city with 50,000 inhabitants or more or two cities having contiguous boundaries and a combined population of at least 50,000

#### NOTES & DEFINITIONS- Continued

#### Section I

#### PEOPLE

#### Selected Current Vital Statistics

Rates are on an annual basis, per 1,000 estimated resident population for specific months. Divorce figures include reported annulments.

#### Population—Components of Change

Net Civilian Immigration— Includes (1) alien immigrations, (2) net arrivals from Puerto Rico, (3) net immigration of civilian citizens affiliated with the U.S. government, and (4) immigration not included in (2) or (3) above.

#### School Enrollment

Part-Time College Student-An enrolled student taking less than 12 hours of instruction during the average school week.

Full-Time Student—An enrolled student taking 12 or more hours of instruction during the average school week.

#### Employment and Unemployment

Average (Mean) Duration of Unemployment-Length of time through the current survey week during which persons classified as unemployed had been continuously looking for work. Civilian Labor Force—All civilians 16 years old and over who were employed or unemployed during a specified week.

Employed Persons—Persons who did any work for pay or profit, worked 15 hours or more as unpaid workers in a family enterprise, or who were temporarily absent from their jobs for noneconomic reasons.

Unemployed Persons—Persons not working but available and looking for work, on layoff from a job, or waiting to report to a new job.

#### Personal Income

Income received by all individuals in the economy from all sources.

Distributive Industries— Industries involved in the flow of goods and services from production to consumption, including buying, selling, advertising, transporting, etc.

#### Wage and Salary Disbursements

--All employee earnings, including wages, salaries, bonuses, commissions, payments in kind, incentive payments and tips, paid to employees in a given period of time, regardless of when earned.

# Special Feature

Life Expectancy—The average remaining lifetime (or expectation of life) at any given age is the average number of years remaining to be lived by those persons surviving to that age on the basis of a given set of agespecific rates of dying.

National Health Expenditures —Total amount Americans spend in both private and public funds for all health care, including hospital care, physicians' services, dentists' services, drugs and drug sundries, eyeglasses and appliances, nursing home care, expenses for prepayment and administration of health insurance, government public health activities, other health services, research, and medical facilities

#### Personal Health Expenditures

construction.

--Includes all categories listed under National Health Expenditures except expenses for prepayment and administration of health insurance, government public health activities, research, and medical facilities construction.

Age-Adjusted Death Rate—A hypothetical summary measure of mortality that is independent of the age composition of the given population.

# Section II

Housing Quality

Standard Metropolitan Statistical (SMSA)—See General Definitions.

Housing Unit—See General Definitions.

Complete Plumbing Facilities -Hot and cold piped water, a flush toilet, and a bathtub or shower.

#### **Crime Index Trends**

Burglary-Breaking or entering-burglary, housebreaking, safecracking, or any breaking or unlawful entry of a structure with the intent to commit a felony or a theft. Includes attempted forcible entry.

Larceny-Theft (except Motor Vehicle Theft)—The unlawful taking, carrying, leading, or riding away of property from the possession of another. Any stealing of property or article which is not taken by force and violence or by fraud.

Robbery-Stealing or taking anything of value from the care, custody, or control of a person, by force or by violence, or by putting in fear, such as strong-arm robbery, stickups, armed robbery, assaults to rob, and attempts to rob.

# Section III

# Industrial Production

Industrial Production Index – Measures average changes in the physical volume of output produced by the Nation's factories, mines, and generating plants.

Major Market Groupings— Groupings of industries to reflect the end uses (or primary customers) to which the goods are put.

Manufacturing and Trade Sales and Inventories

Inventory-to-Sales Ratio-Indicates the number of months supply of goods on hand at the current rate of sales. The respective ratios are derived by dividing the value of inventories at the end of a given period by the value of sales during the same period.

#### Advance Retail Sales

General Merchandise Group With Nonstores—Includes department stores, variety stores, general stores, and those selling general merchandise by mail and vending machine.

#### Value of New Construction

Value of New Construction Put in Place-Measures the estimated value of both private and public construction activity, including additions and alterations of existing structures. The estimates are intended to represent value of construction installed or erected during a given time period and cover the cost of labor and materials, as well as the cost of architectural and engineering fees, charges for equipment and overhead, and profit on construction operations.

#### Consumer Price Index

Measures average changes in prices of a fixed market basket of goods and services bought by urban wage earners and clerical workers. It is based on prices of about 400 items obtained in urban portions of 39 major statistical areas and 17 smaller cities, chosen to represent all urban areas in the United States.

#### Wholesale Price Index

Measures average changes in prices of commodities sold in large quantities by producers in primary markets in the U.S. The index is based on a sample of about 2,700 commodities selected to represent the movement of prices of all commodities produced.

#### Agricultural Prices

**Ratio of Index of Prices** Received by Farmers to Index of Prices Paid-Measures the purchasing power of products sold by farmers compared to their purchasing power in the base period. Above 100, products sold by farmers have an average perunit purchasing power higher than in the base period. Below 100, the average perunit purchasing power of commodities sold by farmers is less than in the base period. It is a price comparison, not a measure of cost, standard of living, or income parity.

#### **Capacity Utilization Rate**

Equals actual output divided by capacity output. Capacity output is the maximum amount of output that can be produced during a given time with existing plant and equipment.

#### New Plant and Equipment Expenditures

Expenditures by all private business (except farming, real estate, the professions, and nonprofit and other institutions) for new plant, machinery, and equipment. Includes automobiles, trucks, and other transport equipment and excludes expenditures for land and mineral rights, maintenance and repair, and expenditures made in foreign countries.

#### **Consumer Installment Credit**

"All Other" Credit—Consists of consumer goods other than automobiles and personal loans.

#### Net Public and Private Debt

Federally Sponsored Credit Agencies—Those in which there is no longer any Federal proprietary interest; currently there are five such agencies—Federal Land Banks, Federal Home Loan Banks, Federal Home Loan Banks, Federal National Mortgage Association, Federal Intermediate Credit Banks, and Banks for Cooperatives.

#### Interest Rates

Prime Rate Charged by Banks-The rate of interest charged by large commercial banks for loans to top-rated borrowers.

Federal Funds Rate—Rate of interest charged for secured, 1-day loans of immediately available funds.

# sources

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#### SCHOOL ENROLLMENT U.S. Department of Commerce, Bureau of the Census *Current Population Reports,* "School Enrollment: Social and Economic Characteristics of Students, October 1975" (advance report) Series P-20, No. 294 Contact: Larry Suter 301-763-5050

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LANGUAGE USAGE U.S. Department of Commerce, Bureau of the Census, *Current Population Reports,* "Language Usage in the United States: July 1975," Series P-23, No. 60 Contact: Elmore J. Seraile 301-763-7571 PERSONAL INCOME U.S. Department of Commerce Bureau of Economic Analysis Survey of Current Business Contact: Pauline M Cypert 202-523-0832

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#### INMATES OF STATE CORRECTIONAL FACILITIES U.S. Department of Justice, Law Enforcement Assistance Administration, National Criminal Justice Information and Statistics Service, Survey of Inmates of State Correctional Facilities: 1974, SD-NPS-SR-2 (advance report) Contact: Robert P. Parkinson 301-763-1776

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William K. Mittendorf 301-763-7314

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301-763-7314 VALUE OF NEW CONSTRUCTION U.S. Department of Commerce, Bureau of the Census, Value of New Construction

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#### Board, Agricultural Prices Contact: Don Barrowman 202-447-3570 CAPACITY UTILIZATION U.S. Department of Commerce, Bureau of Economic Analysis, Survey of Current Business Contact: John Woodward 202-523-0874 NEW PLANT AND EQUIPMENT EXPENDITURES U.S. Department of Commerce, Bureau of Economic Analysis. Survey of Current Business Contact: John E. Cremeans 202-523-0681 CONSUMER INSTALLMENT CREDIT Board of Governors of the Federal Reserve System, Statistical Release G.19. Consumer Credit Contact: Reba Driver 202-452-2458 NET PUBLIC AND PRIVATE DEBT U.S. Department of Commerce, Bureau of Economic Analysis, Survey of Current Business Contact: Jeanette Honsa 202-523-0839 INTEREST RATES-LONG-TERM AND SHORT-TERM INTEREST RATES U.S. Department of Commerce, Bureau of Economic Analysis, Business Conditions Digest Contact: Betty Tunstall 301-763-7240 **EFFECTIVE CONVENTIONAL MORTGAGE INTEREST RATES** Federal Home Loan Bank Board, Office of Economic Research, Terms on Conventional Home Mortgages Contact: Wayne Hazel 202-376-3036

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U.S. Department of Agri-

culture, Crop Reporting

#### Section IV

#### **OTHER TRENDS**

#### SCIENCE AND ENGINEERING PERSONNEL National Science Foundation,

Science Indicators, 1974 Contact: Dr. Robert Wright 202-282-7706

U.S. PASSPORTS ISSUED U.S. Department of State, Passport Office, Summary of Passport Statistics, STA-502 Contact:

Emil W. Kontak 202-382-3751

### ADULT USE OF TOBACCO

U.S. Department of Health, Education, and Welfare: Public Health Service, Center for Disease Control; and National Institutes of Health, Adult Use of Tobacco: 1975 Contact:

Dr. Dorothy Green 301-427-7993

#### PRODUCTION AND IMPORTS: STEEL, COAL, CRUDE OIL-

#### PRODUCTION OF RAW STEEL

American Iron and Steel Institute, *Pig-Iron and Raw Steel Production* Contact: Janet Ashe 202-452-7251

#### IMPORTS OF STEEL MILL PRODUCTS American Iron and Steel

American Iron and Steel Institute, Imports of Iron and Steel Products Contact: Janet Ashe 202-452-7251

#### PRODUCTION OF COAL

U.S. Department of the Interior, Bureau of Mines, Weekly Coal Report Contact: Mary S. Lanier 202-634-1090

#### PRODUCTION AND IMPORTS OF CRUDE OIL

U.S. Department of the Interior, Bureau of Mines *Monthly Petroleum Statement* Contact: James M. Diehl 202-634-1050

# technical committee

#### **INTRODUCTION** –(Continued from page 2)

issue contains a special feature which covers in greater depth a subject of major public interest. Also, a special map will be designated each month to identify geographic areas of special concern.

STATUS also provides listings of sources for the materials presented. This enables readers needing more detailed data to follow up directly with the source agencies. STATUS contains a final section on notes and definitions. This section briefly describes caveats associated with the data, and defines the major terms or headings used in the charts.

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The statistical materials used in STATUS are compiled from a number of Federal statistical agencies and nongovernment sources. The Census Bureau is not responsible for limitations on data provided by other Federal agencies or other sources. The major caveats associated with these data are briefly described in the Notes and Definitions section.

# SUGGESTIONS AND COMMENTS

Suggestions for improving the presentation of statistical data in STATUS are welcomed. These suggestions will be useful in planning future editions.

Also, comments on this edition of STATUS are welcomed. Suggestions and comments may be sent to:

Director Bureau of the Census Washington, D.C. 20233

or

Chief Statistician Office of Management and Budget Washington, D.C. 20503 Chairman of the Technical Committee:

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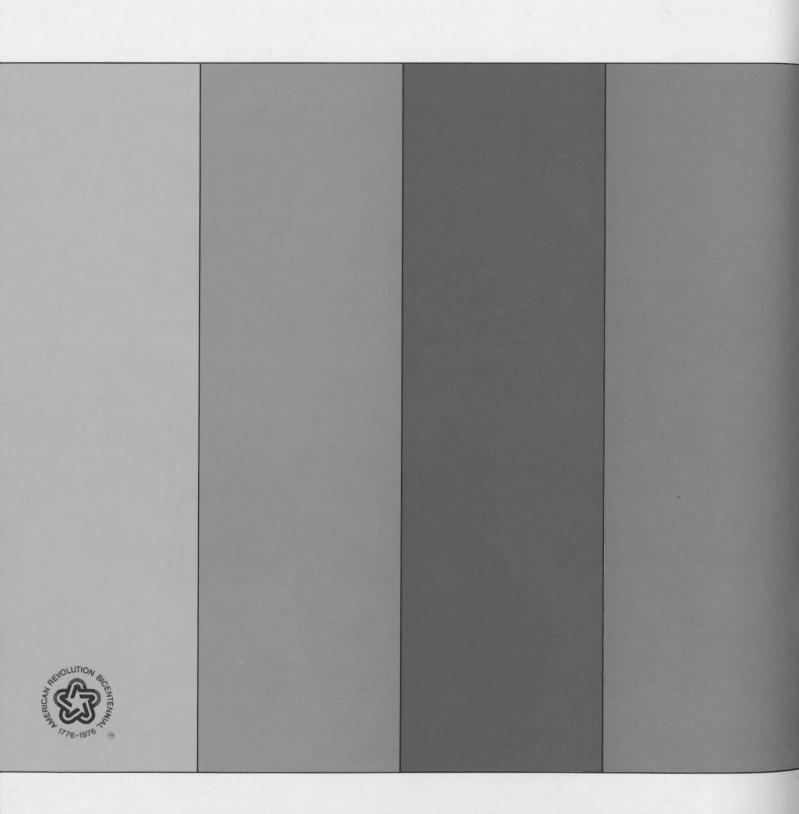
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Washington, D.C. 20233

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#### THE WHITE HOUSE WASHINGTON

July 16, 1976 2:58 p.m.

Mr. Hartmann:

Dick Allison in the Vice President's office called.

They sent you a copy of the monthly magazine STATUS. On the inside cover was a message from the President which was cleared by our office.

The Vice President would like to use a message from the President in each issue. Mr. Allison is sending over a draft for approval of the message for the August issue.

Neta



#### OFFICE OF THE VICE PRESIDENT

WASHINGTON

#### July 16, 1976

#### NOTE FOR ROBERT T. HARTMANN'S OFFICE:

Attached at TAB A for your approval is the draft "Message from the President" proposed for the August issue of STATUS, A Monthly Chartbook of Social and Economic Trends.

At TAB B, for reference, is a copy of the message appearing in the inaugural issue, in July.

I have just learned that the Census Bureau, which publishes STATUS, needs a cleared copy as soon as possible on Monday.

Many thanks for your help.

on as parted

lison Alalace onignal Returned allinow Draft President Ford August edition, STATUS Magazine

This second edition of STATUS Magazine continues to fulfill the promise of the first issue. It allows the American people to make sense -- and good use -- of the flood of statistics which the Federal government generates.

STATUS contains essentially the same statistical information which has been prepared regularly for briefing may information the President for over the past year. It seemed to me that other Americans could benefit from this invaluable data and deserved access to it. Thus the idea of STATUS Magazine was born.

Prior to STATUS, statistics generated by over 150 government agencies and some 20,000 Federal employees were so overwhelming in total that they were useful only on a piecemeal basis. STATUS Magazine pulls together, in one place, the facts of American life, inter-relates them intelligently, and presents them simply and graphically so that the reader can see where the nation is headed socially and economically.

STATUS provides the essential raw material of intelligent decision-making. It offers price where the sectors, for American leaders, in both the public and private sectors, that can improve our personal private sectors will shape our personal private and our nation's future.

Gerald R. Ford

# message from the president

We are today beginning the monthly circulation in one easy-reference publication of the basic facts, figures and trends relating to American life.

This publication, STATUS, A Monthly Chartbook of Social and Economic Trends. began a vear ago, when. at the suggestion of Vice President Rockefeller as Vice Chairman of the Do- mestic Council, the Office of Manacement and Budget. the Bureau of the Cansus, and other major Federal statistical agencies began to prepare a selection of computer-drawn charts as a briefing reference for the President and the Vice President, I was so impressed by what was being produced that I decided, if these facts were available to the American people and distributed throughout the Federal Government on a monthly basis, both the public and the whole Government would mutually benefit.

STATUS will encourage this broader use of statistics by systematically bringing together critical domestic information from all Federal agencies and expressing it in clear and easily understandable chart form.

STATUS will also enable private citizens to know how the Federal Government invests the money from their taxes. With this information, the reader can cut through the rhetoric to discover how much welfare really costs; or how many Americans receive food stamps; or whether discrimination occurs in employment and education; or how many people actually work for the local, State and Federal governments.

From the outset, the aim of this Administration has been openness and candor. The decision to share with all Americans these critical data is another example of open government in action. STATUS is a document of tremendous positive potential. I have great faith that the American people will make the most of it.

Acres P. 7.

7/1/76 - RTH saw.



THE VICE PRESIDENT WASHINGTON

July 1, 1976

Dear Bob:

I am pleased to enclose a copy of the first issue of <u>STATUS</u>, <u>A Monthly Chartbook of Social and Economic Trends</u>. <u>STATUS</u> grows out of the <u>Briefing Notes</u>, which you have been receiving each week. These proved so useful to the President that he decided a similar selection of charts should be prepared each month, distributed throughout the Federal Government, and made available to the general public. <u>STATUS</u> is the result of that decision.

Copies of this first issue are being sent for review and comment to members of Congress and to a cross-section of leaders in business, the universities, local, State and Federal Governments. For the reader interested in additional or more detailed information on a topic treated in <u>STATUS</u>, the name, address and telephone number of a person who can provide it is given. In order to compare developments here with those in other industrialized countries, comparative data on selected items such as unemployment and prices is also being included.

I hope you will find <u>STATUS</u> as interesting as the Weekly Briefing Notes.

With best wishes,

Sincerely, lues

The Honorable Robert T. Hartmann Counsellor to the President The White House Washington, D. C. 20500



0 . . . .

# A MONTHLY CHARTBOOK OF SOCIAL & ECONOMIC TRENDS

PEOPLE	COMMUNITY	ECONOMY	OTHER TRENDS
			Special Feature HISTORICAL
			HISTORICAL STATISTICS OF THE UNITED STATES
			UNITED STATES

Compiled by the Federal Statistical System

# message from the president



# A MONTHLY CHARTBOOK OF SOCIAL & ECONOMIC TRENDS

We are today beginning the monthly circulation in one easy-reference publication of the basic facts, figures and trends relating to American life.

This publication, STATUS, A Monthly Chartbook of Social and Economic Trends. began a year ago, when, at the suggestion of Vice President Rockefeller as Vice Chairman of the Domestic Council, the Office of Management and Budget, the Bureau of the Census, and other major Federal statistical agencies began to prepare a selection of computer-drawn charts as a briefing reference for the President and the Vice President, I was so impressed by what was being produced that I decided, if these facts were available to the American people and distributed throughout the Federal Government on a monthly basis, both the public and the whole Government would mutually benefit.

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Herall R. Ford

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# **U.S. Department** of Commerce Elliot C. Richardson, Secretary

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#### ACKNOWLEDGMENTS

This publication is prepared in the Economic Surveys Division, Bureau of the Census under the general direction of Roger Bugenhagen, assisted by Peter Ohs, Assistant Division Chief. Robert Torene, assisted by Laurie Griffin and James C. Richardson, is directly responsible for the technical review and supervision of the report. Publication design services were provided by Nicholas Preftakes Publications Services Division. Graphics systems were developed under the direction of Claggett Jones, Chief of the Systems Software Division, with the assistance of Lawrence Cornish.

This publication is prepared under the general guidance of an editorial committee established by the Office of Management and Budget. The committee consists of the following

#### INTRODUCTION

STATUS, a Monthly Chartbook of Social and Economic Trends, is an attempt to breathe life into the many numbers which spill daily from the diverse agencies of the Federal Statistical System.

STATUS is a graphic presentation of current statistical information on major social and economic conditions within the United States. We will make extensive use of color in presenting charts, tables, and maps to convey complex statistical information quickly and accurately. We will also experiment with different and innovative graphic presentation techniques with the goal of constantly improving reader understanding of the data.

# **Executive Office of the President.** Office of Management and Budget

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and Welfare; Robert E. Johnson, Jr.,

STATUS has been designed

for the general public as well

as for the people concerned

national developments. It is

with domestic and inter-

fields: business, govern-

use of the professional

statistician or economist.

STATUS will also

provide listings of basic

sources for the material

presented. This will enable

those readers with a need for

more detailed data to follow

up directly with the agencies

supplying us with the data.

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Janet Norwood, Department of Labor; and William Smith, Internal Revenue Service, Department of Treasury.

The planning and development of content for this publication were carried out with the assistance of a Technical Committee established by the Office of Management and Budget. The committee members are shown on the inside of the back

The cooperation of various government and private agencies which provide data is gratefully acknowledged. Agencies furnishing data are Social Security Administration, and indicated on the appropriate chart and also listed in the Sources of Gooloo Wunderlich, Office of the Data.

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will be used which may

to people, community,

ment. Each issue will

economy, and other fields

such as science or environ-

highlight a subject of major

We hope that you will offer

public interest and will be

covered in greater depth.

suggestions for improving

the presentation of statis-

comments and urge you

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tical data in STATUS.

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major subdivisions will relate

determined that the publication of this periodical is necessary in the transaction of the public business of this Department. Use of funds for printing this publication has been approved by the Director, Office of Management and Budget, through September 1976.

The Secretary of Commerce has

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needs known for our consideration in planning future editions.

Suggestions and comments should be sent to the Director, Bureau of the Census, Washington, D.C. 20233, or Chief Statistician, Office of Management and Budget, Washington, D.C. 20503

FOR ADDITIONAL INFORMATION ON DATA PRESENTED

Please consult pages 92 to 93 for the source publications from which the statistical data for this issue were drawn. Many of these publications are available in public and private libraries. The addresses of the originating Federal agencies are also presented for reader convenience. Write to the Bureau of the Census only if it is cited as a data source.

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Price: \$3.60 per copy.

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# 4 POPULATION ESTIMATES & PROJECTIONS

#### Demographers Project 1985 Population Range Of 228-241 Million

What will be the Nation's population in 1985? Bureau of the Census demographers have prepared three sets of population projections for the U.S. reflecting different assumptions about future fertility trends. Series I assumes

#### that the average number of lifetime births per woman will move toward 2.7. The corresponding assumptions for Series II and Series

III are 2.1 and 1.7, respectively. Based on population projections prepared in 1974, the population for 1985 is projected to fall between 228 million (Series III) and 241 million (Series I) 1974-75 U.S. Population<br/>Growth Rate 1.7 MillionJu<br/>es<br/>SeFrom 1965 to 1975, fluctua-<br/>tions in the annual popula-<br/>tion growth were due primar-th

tion growth were due primarily to changes in the annual number of births. However, in 1974-75 the increase in annual growth to 1.7 million persons was partly a result of the entry of Vietnamese refugees. This caused the

July 1, 1975 population estimate to approximate the Series I projections. Under the Series II projection, annual population growth would again reach 2 million by 1980. An increase in annual births is projected not because of an increased birth rate, but because of the continuing increase in the population in the prime child bearing ages.

Total Population

as of July 1

(In Millions)

194.3

204.9

213.6

225.7

222.8

220.4

241.3

234.0

228.4

POPULATION

ESTIMATES

1965

1970

1975

1980

1985

Series I Series II

Series III

Series I

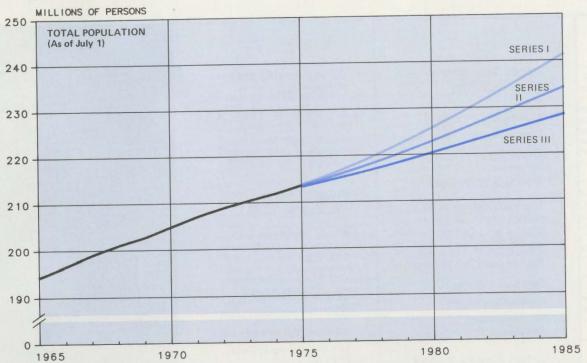
Series II

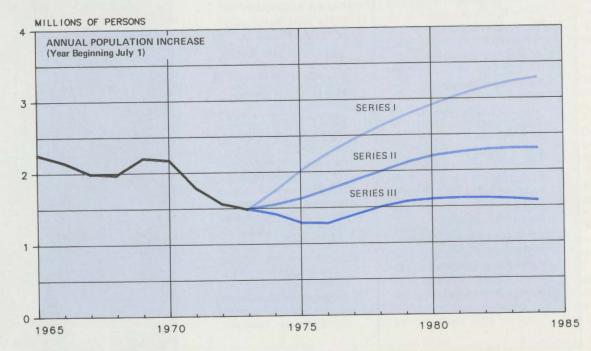
Series III

ESTIMATES

Series III

& PROJECTIONS





& PROJECTIONS June 30 (In Millions) 2.3 1965-1966 2.2 1970-1971 1975-1976 2.0 Series I 1.6 Series II Series III 1980-1981 2.9 Series | 2.2 Series II 1.6 Series III 1984-1985 3.3 Series I 2.3 Series II

POPULATION Annual Population

Increase July 1 to

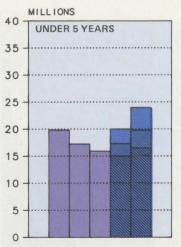
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### **POPULATION ESTIMATES & PROJECTIONS**

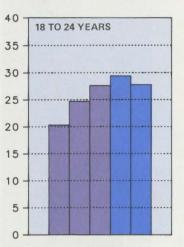
#### Age Group Movement Shaped by "Baby Boom" And Fertility Levels

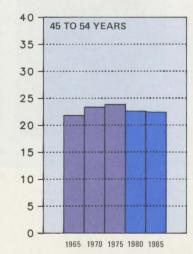
Recent and future trends in population by age group are determined primarily by previous trends in annual births. In this regard, the post-Second World War "baby boom" and subsequent decline in fertility are responsible for the trends seen in the childhood and young adult age groups. The numbers of persons in the 25 to 34 and 35 to 44 age groups are each projected to increase by about 9 million between 1975 and 1985. This is due largely to the aging of the persons born during the "baby boom."





ESTIMATES AND PROJECTIONS OF THE U.S. POPULATION BY AGE GROUP: 1965 TO 1985





SOURCE BUREAU OF THE CENSUS

Some declines will occur in the school age population as the baby boom members grow out of these age groups.



5

#### POPULATION ESTIMATES & PROJECTIONS 6

#### **Population Pyramids Reveal Major Changes in** Age Structure

Population pyramids for different years show major changes in the age composition of the population. Through the middle adult ages, the structure is

determined largely by previous trends in fertility. Beyond middle age, mortality patterns become an increasingly important determinant. There are more males than females in the pre-adult age groups because there are about 5 percent more male births than female

births. However, mortality is higher among males than females throughout life, and in the older adult age groups there are more females than males.

# **POPULATION ESTIMATES & PROJECTIONS**

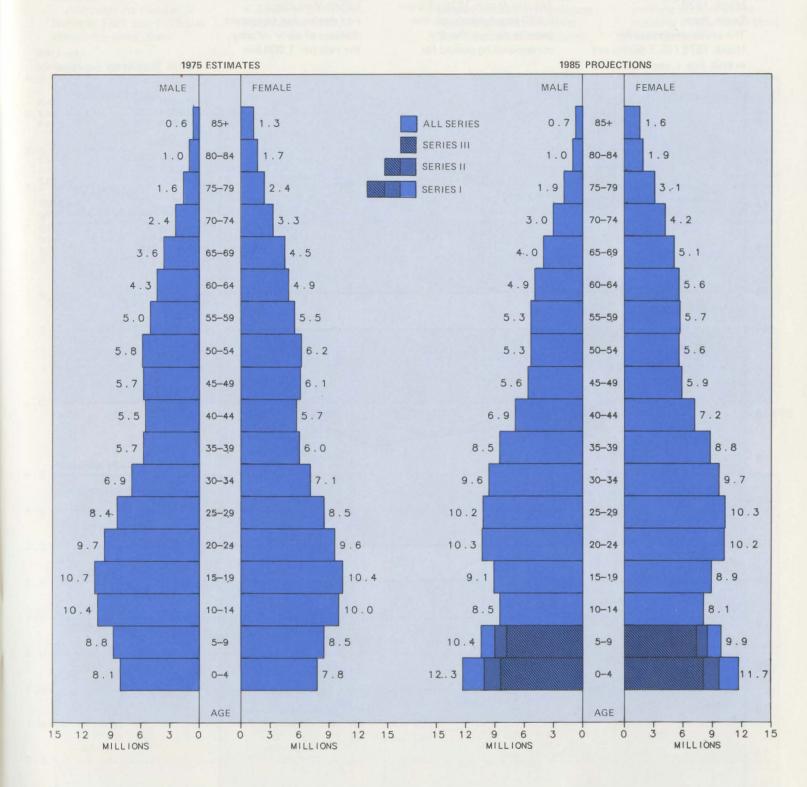
#### Population in 1985 **Reflects Overall Aging**

The relatively small numbers of people born during the Depression of the 1930's will be in the 45 to 54 age group by 1985.

By that year, too, the members of the "baby boom" 1950's will have grown into the young adult classifications. The population under age 10 dropped sharply between 1965 and 1975, reflecting

born in the late 1940's and

the sharp drop in annual births. However, the structure of the 1985



AGE AND SEX COMPOSITION OF THE POPULATION-1965 AND 1975 ESTIMATES, 1985 PROJECTION

POPULATION ESTIMATES & PROJECTIONS	1965-1975	1975-1985
MALE & FEMALE-BY	Perc	cent Change
AGE, TOTAL	30.0	20.4
75+	8.2	25.2
70-74	23.6	13.1
65-69	22.1	13.4
60-64 55-59	10.9	4.3
50-54	14.6	-9.2
45-49	3.6	-2.5
40-44	-9.9	25.8
35-39	-3.3	48.3
30-34	25.8	37.7
25-29	49.4	21.4
20-24	40.0	6.5
15-19	23.5	-14.4
10-14	7.2	-18.7
5-9	-14.9	1.0
0-4	-19.8	24.5

#### 1965 ESTIMATES FEMALE MALE 0.7 85+ 0.4 1.2 0.8 80-84 75-79 2.0 1.5 3.0 70-74 2.3 65-69 3.6 3.0 4.0 3.6 60-64 4.9 55-59 4.6 5.4 50-54 5.1 5.8 45-49 5.6 6.4 40-44 6.0 6.1 35-39 5.9 5.6 30-34 5.5 5.7 25-29 5.6 6.0 20-24 6.9 8.4 15-19 8.6 10-14 9.4 9.7 10.0 5-9 10.4 9.7 0-4 10.1 AGE 12 15 9 15 12 6 3 0 0 3 9 6 MILLIONS MILLIONS

SOURCE BUREAU OF THE CENSUS

\*Series II

SOURCE BUREAU OF THE CENSUS

population pyramid under age 10 will depend on future fertility trends.

The accompanying 1985 population pyramid shows the projected range of the under-10 population using the Census Bureau's projection series.

#### SELECTED CURRENT VITAL STATISTICS 8

#### Death Rates Go Up During March Due to Flu Epidemic

# Birth Rate:

During March of this year, the birth rate was 14.5 per 1,000 population; about 1 percent above the rate for March 1975. Death Rate: The crude death rate for March 1976 (10.2 deaths per BIRTHS PER 1,000 POPULATON

1,000 population) was 7.4 percent higher than for March 1975, and was the highest recorded for this month since the severe influenza epidemic of 1963 when the crude death rate for March was 11.1. The cumulative death rate for January-March 1976 (9.9 per 1,000 population) was the same as the rate for the corresponding period for

1975. This suggests that the effect of the influenza epidemic of January-February 1975 was about the same as that of the February-March 1976 epidemic on the cumulative rate for the first 3 months of this year. Infant Mortality: For deaths due to certain diseases of early infancy, the rate per 1,000 live

1975

DEC.

#### births continued sharply downward.

#### Per 1,000 Population VITAL STATISTICS Birth Rate **MARCH 1974** 14.4 14.3 **MARCH 1975 MARCH 1976** 14.5 Death Rate

IARCH 1974	9.5
IARCH 1975	9.5
1ARCH 1976	10.2
fant Mortality Rate	Per 1,000 Live Births
1ARCH 1974	17.6
1ARCH 1975	17.0
1ARCH 1976	15.4

\*NOT SEASONALLY ADJUSTED

**BIRTHS & FERTILITY** 

### **Record Low Fertility** Rates Since 1972

In 1975 there were slightly more than 3 million births, about the same as in 1921, even though the total population has more than doubled during this 54-year interval.

Although the number of births in 1921 and 1975 was almost the same, there

Just 24 years later in the midst of the "baby boom" of the 1950's and 1960's, a record annual high of 4.3 million births was recorded in 1957.

were wide annual variations

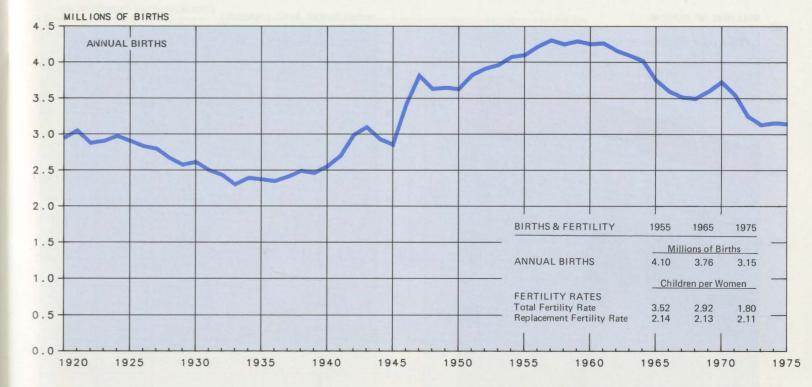
in the intervening years.

An annual low of 2.3

million births occurred in

1933 in the middle of the

Depression.





# 20 BIRTH RATE\* 18 1974 16 14 1976 1975 12 10 DEATHS PER 1,000 POPULATON 11 DEATH RATE\* 1976 10 1974 9 1975 8 7 INFANT DEATHS PER 1,000 22 **INFANT MORTALITY RATE\*** 20 18 1974 16

AUG. SEPT. OCT. NOV. FEB. MAR. APR. MAY JUNE JULY JAN.

SOURCE NATIONAL CENTER FOR HEALTH STATISTICS

1976

14

12

SOURCE NATIONAL CENTER FOR HEALTH STATISTICS

Paralleling the fluctuations in annual numbers of births, the total fertility rate (see Notes and Definitions) reached a high of 3.7 in 1957. Each year since 1972 has seen a record low fertility rate set for the United States. In the 1930's, fertility

dipped below the population replacement fertility level (see Notes and Definitions).

During the years after World War II, fertility far exceeded replacement needs. Since 1972, rates have again fallen short of those needed for replacement.

Even at the current subreplacement rates, however, it would be many years before the population stopped growing because of the numbers of women of childbearing age.

9

#### **Employment Continues** Rise in May; **Unemployment Drops**

# Unemployment resumed its

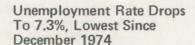
downward course in May while employment continued upward. Total employment rose by 300,000 to another new high

of 87.7 million. Adult women accounted for about half the May gain. Since the March 1975 low, employ-

ment has advanced by 3.6 million.

> Following 2 months of little change, unemployment declined by 180,000 persons to 6.9 million. Total joblessness has now fallen 1.4 million from the May 1975 recession high.

The civilian labor force held about steady in May at 94.6 million after a 720,000 increase in April.



The overall unemployment rate dropped to 7.3 percent in May compared with 7.5 percent in the previous 2 months and the recession peak of 8.9 percent recorded a year earlier. The May rate was the lowest in 17 months.

UNEMPLOYMENT RATE (PERCENT)

The rate for full-time workers declined to 6.8 percent. Unemployment among household heads was unchanged at 4.8 percent.

# **EMPLOYMENT & UNEMPLOYMENT**

#### Unemployment Improves For Adult Women and Black Men

May unemployment rate improvements took place almost entirely among adult women.

The rate for white adult females dropped from 6.7 to 6.3 percent while that for adult females of black and other races declined from 10.8 to 10.4 percent. Both

UNEMPLOYMENT RATE (PERCENT)

UNEMPLOYMENT RATES

BY AGE, SEX, AND RACE

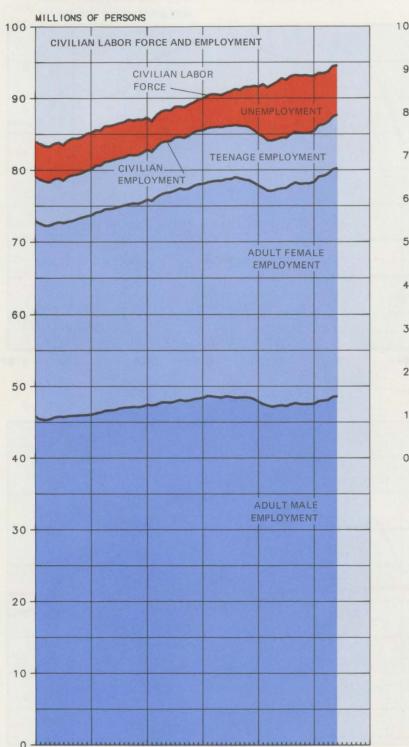
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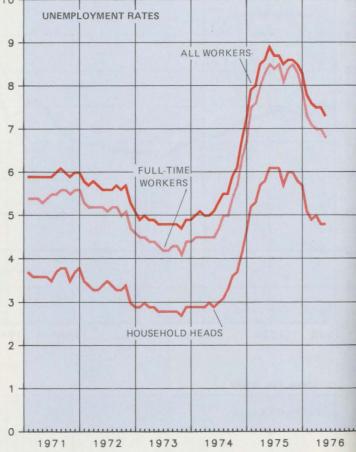
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rates are the lowest since November 1974. The unemployment rate for adult men edged upward from 5.4 to 5.6 percent. An increase among white adult males, from 4.9 to 5.1 percent, more than off-

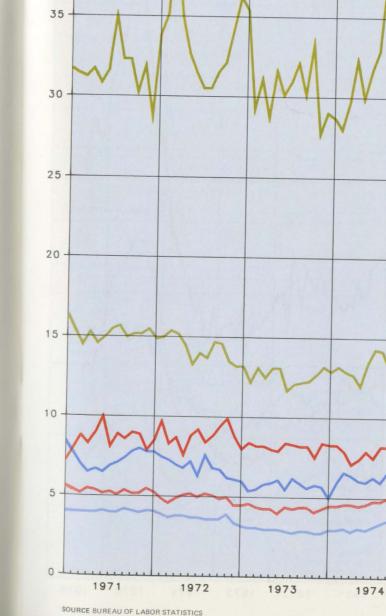
ment among adult males, black and other races. Teenage unemployment was virtually unchanged in May.

set a significant improve-





EMPLOYMENT & UNEMPLOYMENT	MAY 1975	APRIL 1976	MAY 1976
		Millions of Perso	ins
Civilian Labor Force	92.8	94.4	94.6
Civilian Employment	84.5	87.4	87.7
Adult Males	47.3	48.5	48.6
Adult Females	30.1	31.5	31.7
Teenagers (16-19)	7.1	7.4	7.4
UNEMPLOYMENT RATES		Percent	
All Workers, Total	8.9	7.5	7.3
Full-Time Workers	8.5	7.0	6.8
Household Heads	6.1	4.8	4.8
White, Total	8.3	6.7	6.6
Adult Males	6.7	4.9	5.1
Adult Females	8.0	6.7	6.3
Teenagers	18.3	16.6	16.3
Black and Other, Total	14.2	13.0	12.2
Adult Males	11.6	10.0	9.2
Adult Females	12.1	10.9	10.4
Teenagers	37.3	39.2	38.5



SOURCE BUREAU OF LABOR STATISTICS

1972

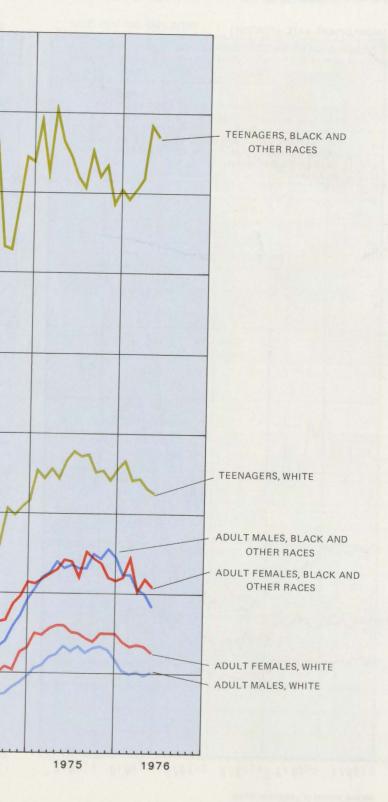
1973

1974

1975

1976

1971



# 12 EMPLOYMENT & UNEMPLOYMENT

white-collar rate.

Joblessness among blue-

at 9 percent. This compares

with a recession peak of

result of a decline in the

12.8 percent in May 1975.

The unchanged rate was the

unemployment rate for craft

and kindred workers which

was offset by an increase in

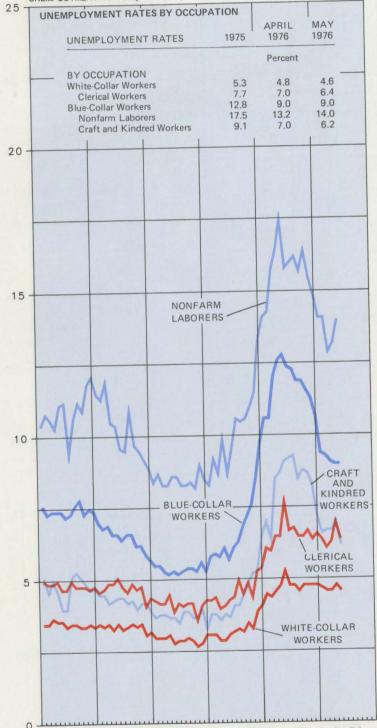
the rate for nonfarm laborers.

collar workers was unchanged

#### White-Collar Unemployment the improvement in the Down: Blue-Collar Unchanged at 9%

In May the unemployment rate for workers in white-collar occupations edged down to 4.6 percent, a rate which has been virtually unchanged since June 1975. A decline to 6.4 percent in the unemployment rate for clerical workers was responsible for

### UNEMPLOYMENT RATE (PERCENT)



#### Unemployment Rates in Manufacturing and **Construction Improve**

Among the major industry groups there were significant improvements in unemployment rates in manufacturing and construction.

Manufacturing unemployment dropped to a 7.3-percent rate from 7.6 percent the previous month. Both

UNEMPLOYMENT RATE (PERCENT)

UNEMPLOYMENT RATES BY INDUSTRY

25

20

1976

1975

durable and nondurable goods industries shared in the decline.

Unemployment in the construction industry dropped to 14.1 percent, lowest since November 1974. In transportation and public utilities, the unemployment rate climbed from 4.1 to 5.3 percent. This is the sharpest 1-month rise since January 1975.

APRIL

MAY

MAY

# LABOR TURNOVER IN MANUFACTURING

#### Manufacturing Job Roll Additions Dip in April; First Since Oct. 1975

Total additions to manufacturing employment rolls declined to a rate of 4.1 per 100 employees in April. These additions (accessions) cover permanent and temporary workers including both new and rehired employees. Since December 1974, when

increased 32 percent. The total separation rate-permanent or temporary terminations of employmentdeclined to 3.7 per 100 workers in April. This was the first decline since

January.

the total accession rate

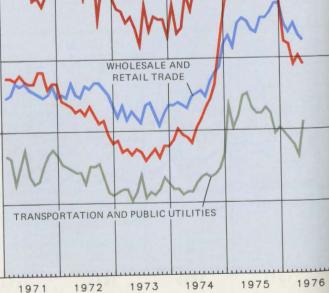
hit a low of 3.1 per 100

workers, accessions have



LABOR TURNOVER IN MANUFACTURING	APRIL 1975	MARCH 1976	APRIL 1976
		Percent	
ACCESSION RATE, TOTAL	3.9	4.4	4.1
New Hires	1.7	2.9	2.7
SEPARATION RATE, TOTAL	4.5	3.9	3.7
Quits	1.2	1.7	1.8
Layoffs	2.6	1.2	1.3

1976 1976 UNEMPLOYMENT RATES 1975 Percent BY INDUSTRY 15.3 14.1 20.9 Construction 8.3 8.1 Wholesale and Retail Trade 8.8 7.6 7.3 11.9 Manufacturing 5.3 Transportation and Public Utilities 6.3 CONSTRUCTION 15 MANUFACTURING



SOURCE BUREAU OF LABOR STATISTICS

SOURCE BUREAU OF LABOR STATISTICS

1971

1972

1973

1974

#### Layoffs, Quits Up in April: New Hires Down

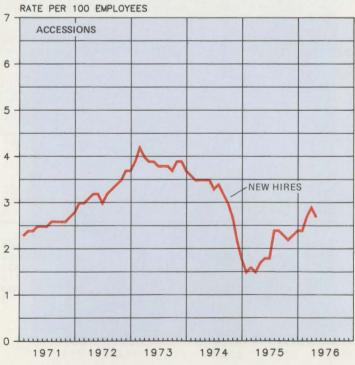
Layoffs and guits continued to rise in April.

The layoff rate rose to 1.3 percent, the second increase since September 1975. Since last April, layoffs have dropped 50 percent. The quit rate, which partially reflects worker assessment of job

opportunities, rose to 1.8 percent. This was the third increase and the highest level recorded since November 1974.

New hires declined to 2.7 percent, a decrease of 7 percent from the March rate of 2.9 percent, the highest level since September 1974. Over the year, new hires have increased 59 percent.





# 14 AVERAGE WORKWEEK

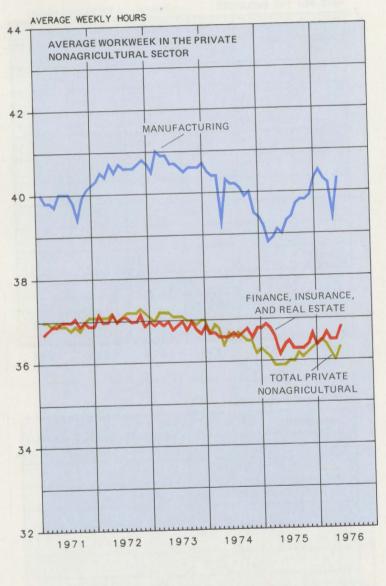
#### Average Workweek in Manufacturing Recovers From April Decline

The average workweek rebounded from depressed April levels, which had been affected by religious observances during the survey period. Hours for all production and nonsupervisory workers on private nonagricultural

payrolls increased by 0.3 hour in May to 36.3 hours. The manufacturing work-

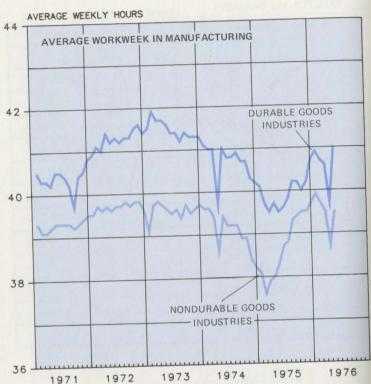
week rose 0.9 hour, with nearly all of the increase in factory overtime. Increases were recorded in most durable and nondurable goods manufacturing industries.

The average workweek in finance, insurance, and real estate climbed 0.3



AVERAGE WORKWEEK	APRIL	MARCH	APRIL
	1975	1976	1976
	A	verage Weekly H	lours
Private Nonagricultural	35.9	36.0	36.3
Finance, Insurance, and Real Estate	36.4	36.5	36.8
Manufacturing	39.0	39.4	40.3
Durable Goods Industries	39.5	39.7	41.0
Nondurable Goods Industries	38.3	38.7	39.5
Eactory Overtime	2.4	2.5	3.3

hour in May to 36.8 hours, highest since February 1975. All other industry groups remained at or near prior month levels.





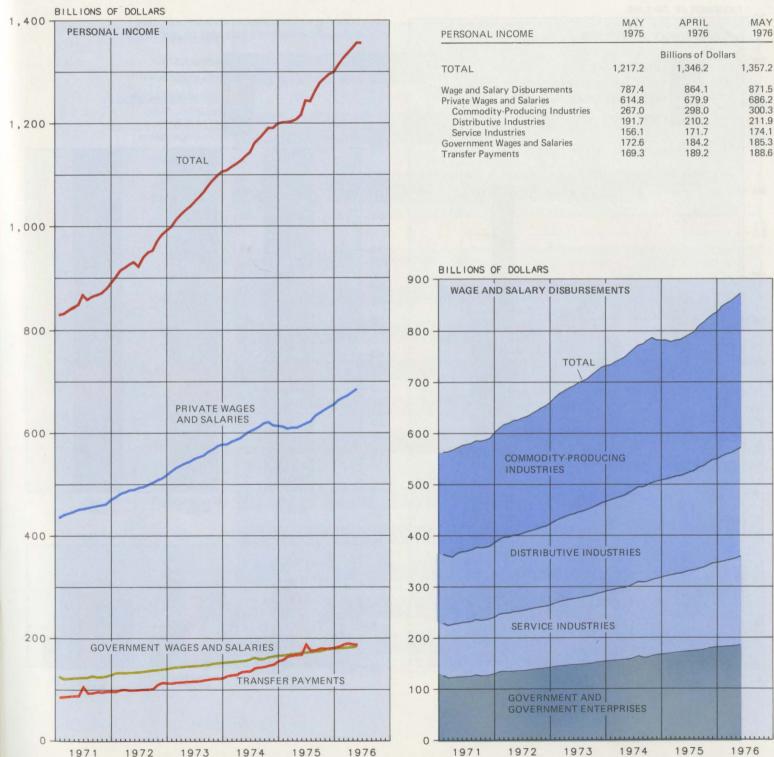
### PERSONAL INCOME

#### Personal Income Up For Tenth Straight Month During May

Total personal income increased \$11.1 billion in May. This was the tenth consecutive gain and the fifth in a row exceeding \$10 billion, Personal income reached a seasonally adjusted annual rate of \$1,357.2 billion in May,

an increase of 11.5 percent from May 1975.

Private wages and salaries increased \$6.3 billion in May, compared to the \$6.5 billion rise reported in April. Payrolls in commodity-producing industries and distributive industries rose less in May. Payrolls in service industries advanced \$2.3 billion, substantially more than the



\$1.7 billion increase reported in April. Government wages and salaries rose \$1.1 billion, the largest gain since last November.

Transfer payments, which include Social Security, unemployment, and veterans benefits, declined \$0.6 billion in May following a \$1.6 billion drop in

April. April payments were revised downward as new data indicated a substantial number of lowincome families were not taking advantage of the earned-income credit.

PERSONAL INCOME	MAY 1975	APRIL 1976	MAY 1976
		Billions of Doll	ars
TOTAL	1,217.2	1,346.2	1,357.2
Wage and Salary Disbursements	787.4	864.1	871.5
Private Wages and Salaries	614.8	679.9	686.2
Commodity-Producing Industries	267.0	298.0	300.3
Distributive Industries	191.7	210.2	211.9
Service Industries	156.1	171.7	174.1
Government Wages and Salaries	172.6	184.2	185.3
Transfer Payments	169.3	189.2	188.6

# 16 URBAN FAMILY BUDGET

#### **Typical Urban Family** Living Costs Rise 8% from '74 to '75

In Autumn 1975, a typical urban family of four required \$15,318 a year to maintain a moderate standard of living. The same family could live at a lower budget level for \$9,588, or at a higher level allowing some luxuries for \$22,294 a year.

From Autumn 1974 to Autumn 1957, total consumption costs rose about 7 percent for the lower budget and 8 percent for the intermediate and higher budgets.

The largest increases occurred in homeowner costs (included as a housing cost only in the intermediate and higher budgets), transportation, and medical care.

Since various consumption items comprised different proportions of each budget level, cost changes had varving effects,

For example, the change in food costs was largest for the higher budget. However, food comprises a larger proportion of total consumption costs at the

COMPONENTS OF FAMILY CONSUMPTION: 1975

lower budget level, and thus food price increases had a larger effect on the total increase for the lower level budget.

### **URBAN FAMILY BUDGET**

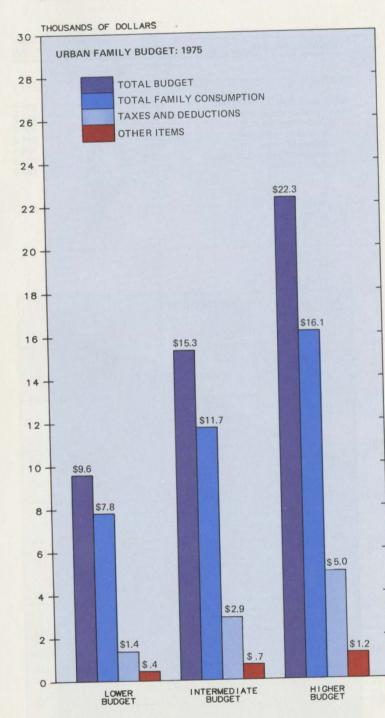
#### **City Family Budgets Range from Anchorage** High to Austin Low

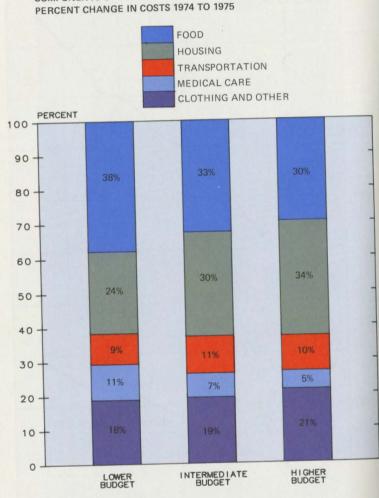
Differences in family budget levels in various cities reflect not only price level differences, but also regional differences in climate, types of transportation facilities, and taxes. For the lower budget,

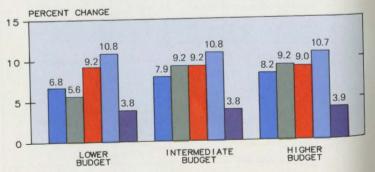
costs were 8 percent higher in metropolitan than in nonmetropolitan urban areas. The metropolitan-nonmetropolitan difference was 13 percent for the intermediate budget and 18 percent for the higher budget.

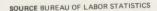
Intermediate budget levels were lowest in the South and highest in the far West and Northeast. Anchorage, Alaska remained the most

LOWER BUDGET	TOTAL FAMILY BUDGET: 19
METROPOLITAN NONMETROPOLITAN	
INTERMEDIATE BUDGET	
METROPOLITAN NONMETROPOLITAN	
HIGHER BUDGET	
METROPOL I TAN NONMETROPOL I TAN	
	5
FIVE LOWEST SMSA'S	TOTAL INTERMEDIATE FAM
AUSTIN, TEXAS	
ORLANDO, FLA.	
BATON ROUGE, LA.	
DALLAS, TEXAS	
NASHVILLE, TENN.	
FIVE HIGHEST SMSA'S	
SAN FRANCISCO-OAKLAND, CA.	
NEW YORK-NORTHEASTERN N.J.	
BOSTON, MASS.	
HONOLULU, HAWA I I	
ANCHORAGE, ALASKA	
ļ	5



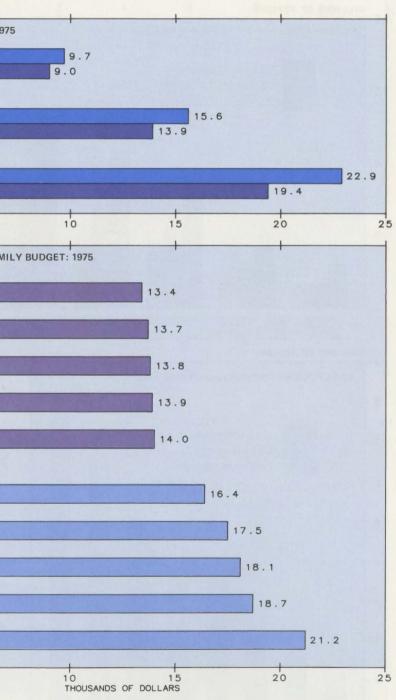






expensive place to live, while Boston was the highest city in the 48 contiguous United States. A hypothetical family of

four living in Austin, Texas, found living costs nearly 40 percent lower than Anchorage and 26 percent less than Boston.



#### 18 FOOD STAMPS

#### Food Stamp Program Participation, Costs **Escalate in 6 Years**

Between 1969 and 1975 participation in the Food Stamp Program rose from 2.9 million persons-nearly 11/2 percent of the populationto 17.1 million personsmore than 8 percent. The largest increase occurred in 1971 when the program

MILLIONS OF PERSONS

was amended to nationalize eligibility requirements and greatly expand benefits to participants. The 1971 participation rates doubled those of 1970 and tripled the level of 1969. In 1975, for the first

time in the history of the program, persons from households receiving public assistance accounted for less than half of all

persons receiving food stamps.

As participation increased, USDA expenditures for the Food Stamp Program grew substantially-from \$250 million in 1969, to an estimated \$5.6 billion in 1976.

The Food Stamp Bonus (that part of the coupon allotment paid by the Federal Government) accounts

for the major portion of all USDA Food Stamp expenditures. In 1959, 91 cents of every USDA Food Stamp dollar was expended for food costs. This figure rose to 96 cents per dollar in 1974, but decreased to 93 cents out of every 1975 dollar as a result of increases in administrative and other program costs.

### **FOOD STAMPS**

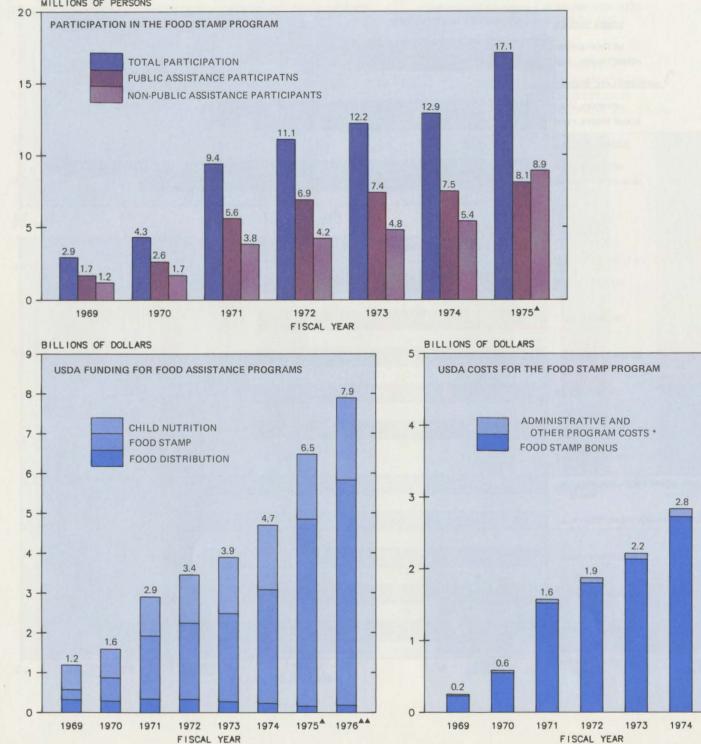
The total value of food stamps issued in 1969 was \$600 million, which rose to \$7.3 billion in 1975. During the same period the Federal Government's contribution increased from approximately one-third to threefifths of the total value. Rising food prices were largely responsible for the increase.

> FISCAL YEAR 1969

The average monthly "bonus" received by a typical food stamp recipient has moved upward from \$6.63 in 1969 to \$21.40 in 1975. After allowing for increases in food prices, the "real" bonus (in 1967 dollars) rose \$6.33 between 1969 and 1975.

The Food Stamp Program enables low-income house-

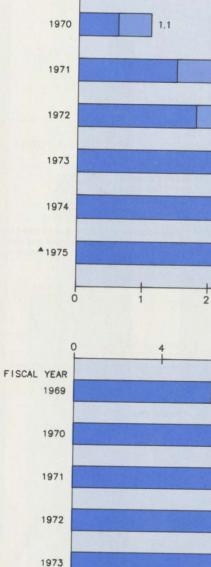
0.6

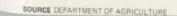




1975

4.7



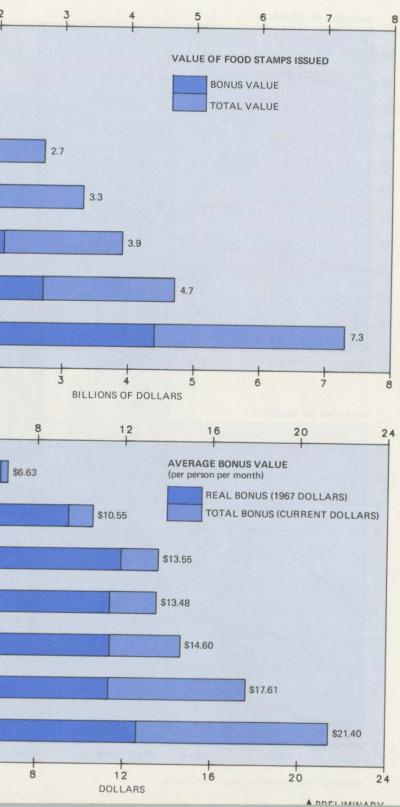


1974

**1975** 

holds to purchase a nutritionally adequate diet without spending more than 30 percent of their net income (or at no cost if they have little or no income). Participants may obtain a specified allotment of Food Stamps (based on family size) at a specified cost based on family income.

The difference is paid by the Federal Government in the form of the Food Stamp Bonus.



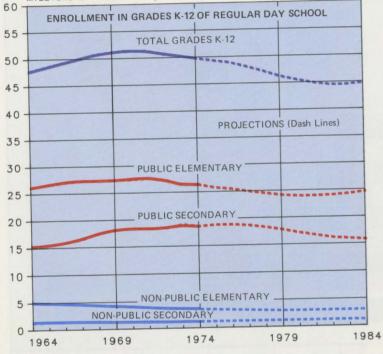
# 20 SCHOOL ENROLLMENT PROJECTIONS

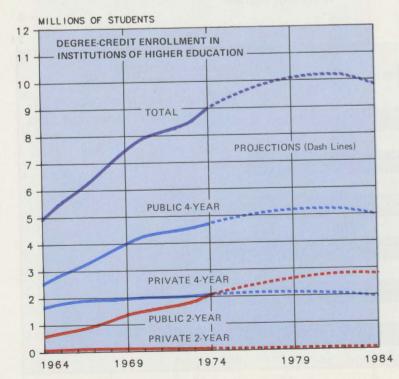
#### **Decline Expected in** School Enrollments

Total fall enrollment in elementary and secondary schools, plus degree-credit enrollment in institutions of higher education, increased from 53 million in 1964 to 59 million in 1974, but is expected to drop to about 55 million by the fall of 1984.

At the elementary and secondary levels, regular day school enrollment rose from 47.7 million students in the fall of 1964 to 51.3 million in the fall of 1970. But by 1974, this enrollment had dropped back to 49.8 million. The decline is expected to continue, possibly falling to 44.8 million students by 1984, which would result in a

#### MILLIONS OF STUDENTS





rate nearly 3 million students lower than the 1964 enrollment rate. In institutions of

higher education, including both 2- and 4-year schools, degree-credit enrollment grew from 5 million in 1964 to 9 million in 1974. The increase is expected to continue until 1981, possibly reaching an enrollment of 10.2 million

SCHOOL ENROLLMENT

GRADES K-12, TOTAL

Nonpublic Elementary

Nonpublic Secondary

bachelor's or higher degree.

SCHOOL ENROLLMENT

DEGREE-CREDIT ENROLLMENT,

PROJECTIONS

TOTAL

Public 4-Year

Private 4-Year

Public 2-Year

Private 2-Year

ENROLLMENT-ALL LEVELS, TOTAL\* 52.7

PROJECTIONS

Public Elementary

Public Secondary

students. However, a drop

in the rate is expected to begin after 1981, with 1984 projections set at 9.8 million students.

1984

54.6

44.8

24.7 15.8

3.0 1.2

1984

9.8 5.0 2.0

2.8 0.1

1974

Millions of Students

58.8

49.8

26.4

18.7

3.5

1.2

1974

Millions of Students

9.0

4.7

2.1

2.1

01

1964

47.7

26.2

15.2

5.0

1.3

1964

5.0

2.6

1.7

0.6

0.1

\*These totals include daytime enrollment in all regular public and nonpublic elementary and secondary schools; and enrollment in publicly and

privately controlled institutions of higher education in programs leading to

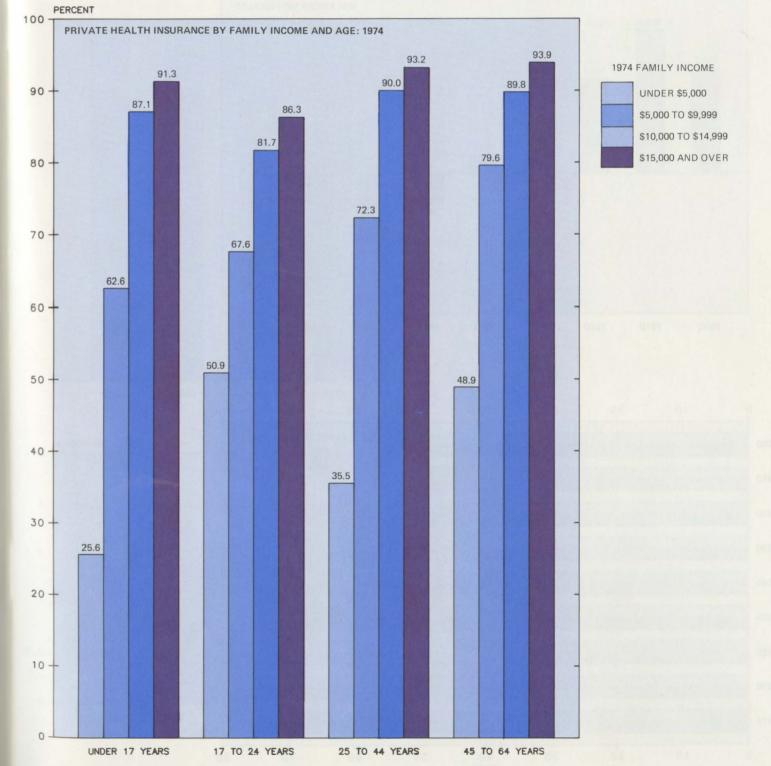
### **PRIVATE HEALTH INSURANCE: 1974**

#### Coverage Differs by Family Income, Age

One of the hallmarks of modern American life is the widespread use of private health insurance plans to help pay for family health care needs.

Nevertheless, data from the Health Interview Survey of 116,000 persons living in 40,000 households show

that family income is a dominant factor in coverage by private health insurance plans. For example, in 1974 93 percent of the 25 to 64 age group with family income of \$15,000 and over had private health insurance. In contrast, less than half of the same age group with family income of less than \$5,000 participated in such plans.



SOURCE NATIONAL CENTER FOR EDUCATION STATISTICS

Although not covered by private health insurance, many in the low income group are eligible for public assistance benefits such as Medicaid.

The vast majority of persons 65 years and older receive health care benefits through the Medicare program.

#### 22 CHARACTERISTICS OF WOMEN

#### **Population Composition** and Life Expectancy

Until the 1950 decennial census, men had always outnumbered women in the United States. In that year, however, a trend first noted in the 1920 census resulted in a smaller number of males than females in the U.S.

> MALES PER 100 FEMALES 106.2 104.6 104.1 102.6 100.8 98 7 97.1 94.9 94.8 1900 1910 1920 1930 1940 1950 1960 1970 1975

is continuing.

birth has improved more for

born in 1900 could expect

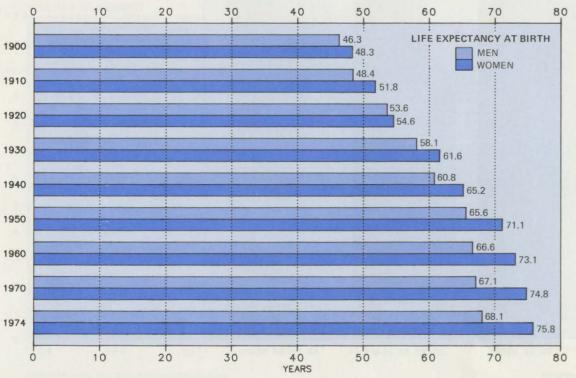
compared with men's life

expectancy of 46.3 years,

to live for 48.3 years

a difference of only 2

women than for men. Women



SOURCE BUREAU OF THE CENSUS

population (98.7 males per years. Females born in 100 females). That trend 1974, however, can expect to live for 75.8 years Since the turn of the century, life expectancy at

compared with 68.1 years for males, a difference of almost 8 years. One of the major reasons

for improved longevity of women has been the dramatic reduction in the maternal mortality rate. Deaths related to pregnancy and

childbirth have dropped from 690 deaths per 100,000 live births in the early 1920's to 15 deaths per 100,000 live births in 1973.

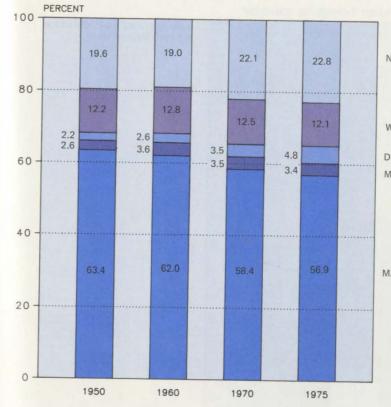
#### CHARACTERISTICS OF WOMEN

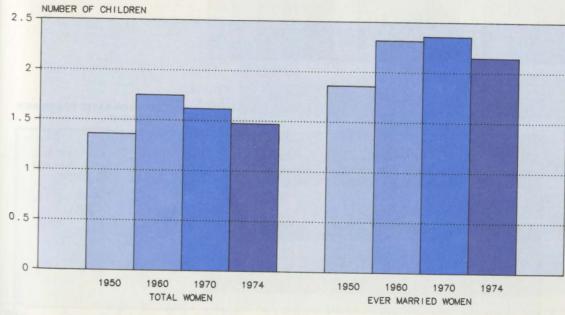
### Marital Status and **General Fertility**

Recent marriage and divorce trends in the United States have resulted in a growing proportion of women who are single or divorced and not remarried. Between 1950 and 1975 the proportion of single women increased 16 percent. During the same period divorce rates more

than doubled, while marriage rates declined by 10 percent.

During the past quartercentury, fertility of American women has fluctuated widely from near-record highs in the late 1950's to all-time lows in recent years. Current fertility rates, if maintained, would eventually result in an excess of deaths over births in the United States.





SOURCE BUREAU OF THE CENSUS

MARITAL STATUS

NEVER MARRIED

WIDOWED

DIVORCED MARRIED HUSBAND ABSENT

MARRIED HUSBAND PRESENT

#### GENERAL FERTILITY

# 24 CHARACTERISTICS OF WOMEN

#### Labor Force Participation

The dramatic increase in women's labor force participation during recent years is a clear indication of the American woman's changing social and economic roles.

The percentage of working wives (husband present) nearly doubled between 1950 and 1975. During the same

PARTICIPATION RATE

TOTAL

100

90

80

70

60

50

40

30

20

10

0

period, labor force participation among mothers of preschool children rose more than 200 percent. By 1975, more than half of all married women (husband present) with school age children held jobs outside the home-an increase of 84.8 percent over 1950.

Increasing numbers of women are translating educational attainments into

earnings potential in the labor force. Largest gains in the last quarter-century have been achieved by women with 1 to 3 years of college. Labor force participation for that group increased nearly 43 percent since 1952.

#### CHARACTERISTICS OF WOMEN

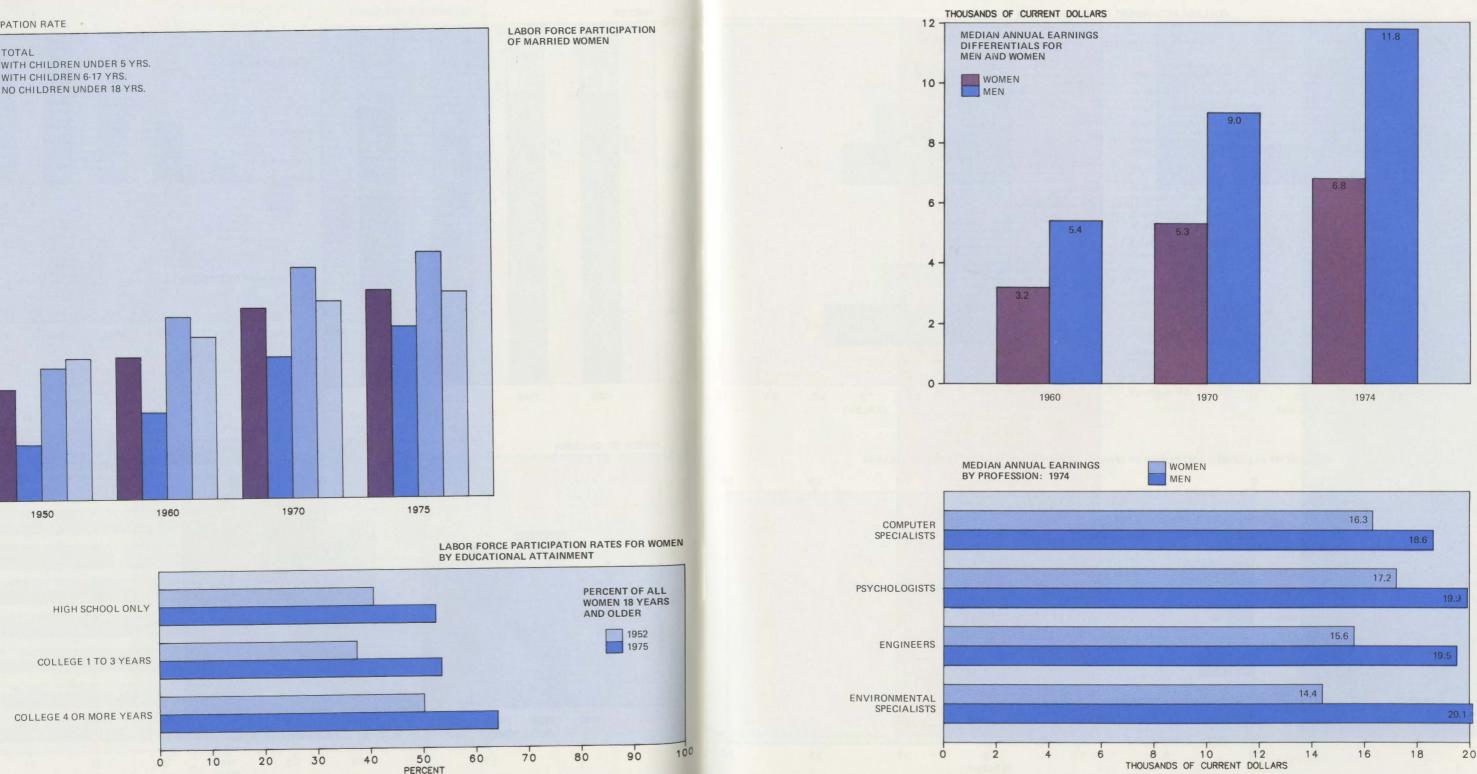
### Median Annual Earnings

For U.S. women, the relative returns for working yearround full-time are substantially less than for men. In recent years the income gap has continued to widen.

In 1960, median annual earnings for men in the full-time civilian labor

force was 65 percent more than for women. By 1974, the typical male worker was making 75 percent more than the average woman.

As a group, women in scientific and engineering fields fare better than the average in their earnings ratio with men. Their basic annual salary rates for 1974 (excluding bonuses,



SOURCE BUREAU OF THE CENSUS

SOURCE BUREAU OF THE CENSUS

1950

commissions, etc.) ranged from about 72 percent to about 88 percent of men's salaries.

A critical factor involved in assessing differing earning rates of women and men is the amount of lifetime work experience. But even after adjusting for differences in job status, education, and

lifetime work experience. a 1967 study showed that the wages of women were estimated to be only about 62 percent as high as those of men.

# 26 CHARACTERISTICS OF WOMEN

#### **Educational Attainment**

Higher education has been an area of major advancement for women-especially black women-in the last 15 years The proportion of all 25 to 29-year-old women with bachelor's (or higher) degrees more than doubled between 1960 and 1975. During those years, college attainment at the under-

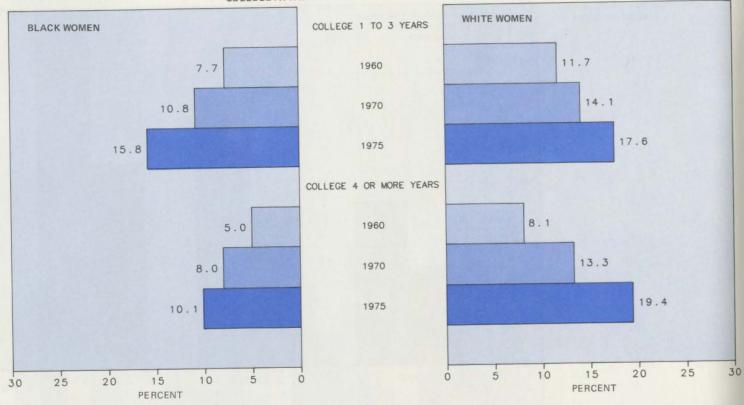
graduate level (1 to 3 years) among black women increased at more than twice the rate of white women.

In 1974, women of Spanish origin were at an educational attainment level well below the national average for all women. Only 4 percent of all Spanish origin women had completed 4 or more years of college compared to 10.1 percent of all U.S. women.

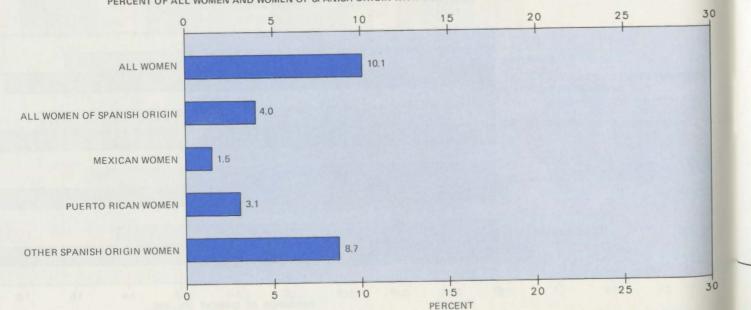
**Special Feature** 

# historical statistics of the united states

# COLLEGE ATTAINMENT OF WOMEN 25 TO 29 YEARS OLD



# PERCENT OF ALL WOMEN AND WOMEN OF SPANISH ORIGIN WITH 4 OR MORE YEARS OF COLLEGE



CHARTING 200 YEARS OF AMERICA'S HISTORY

The story of America can be told through the statistical numbers which reflect our development as a Nation America's statistical history began with the founding of the Nation, when the requirement for a decennial census of population was built into the Constitution.

This month's special feature is a graphic presentation of the history of America as revealed by

The charts for this month's special feature are based on a 1,300-page report of Historical Statistics of the United States, Colonial Times to 1970, published by the Bureau of the Census in celebration of the Nation's Bicentennial.

The Historical Statistics report contains a wide range of data detailing the social and economic development of the United States from the establishment of the first colonies to the present time.

Historical statistics provide a rich insight into the past of our Nation and can help us chart our way into a greater future.

SOURCE BUREAU OF THE CENSUS

Population 1610-1970 28 A Nation of Immigrants 29 Vital Statistics 30

**Employment 31** 

**Education and Social** Welfare 32

Election & Politics 33

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#### 28 **POPULATION: 1610-1970**

#### **Becoming An Urban** Nation: 1920 Proved The Turning Point

Until the 1920 census, the majority of the American population lived in rural areas. In that year the urban population overtook the rural population for the first time-54.2 million to 51.6 million.

The first census in 1790

the population (202,000) living in urban areas; by 1970, the urban population had grown to 73.5 percent.

The decade-by-decade population growth of the U.S. (as shown by the decennial censuses) ranged from 26.6 percent to 36.4 percent between 1790 and 1870. That the population growth rate between censuses has de-

showed only 5 percent of

clined since then can be seen from the 1960 to 1970 13.3 percentage increase. The lowest 10-year rate of increase was during the depression of the 1930's. Between 1930 and 1940, the U.S. population grew by only 7.2 percent.

In 1790, 36 percent of all households consisted of 7 or more persons compared with 5 percent in 1970.

One-person households, only 4 percent of the total in 1790, had grown to 17 percent by 1970.

U.S. land area totaled 865,000 square miles in 1790 and the number of persons per square mile was 4.5. In 1970, the land area exceeded 3.5 million square miles and the population density was 57.5 persons per square mile.

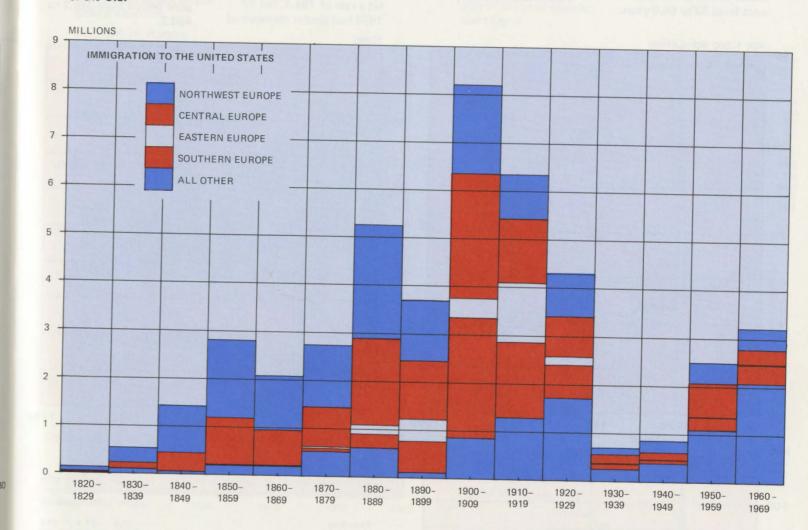
A NATION OF IMMIGRANTS

#### Immigrants Total 45.4 Million Between **Revolution and 1970**

The waves of humanity which have come to America's shores as immigrants since the close of the Revolutionary War to 1970 add up to 45.4 million men, women, and children-more than the entire 1870 population of the U.S.

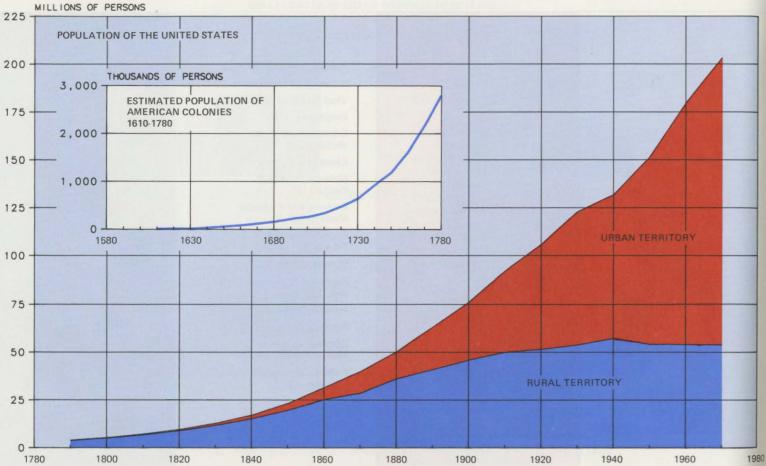
The countries or areas from which almost half the immigrants have come are: Germany, Italy, Ireland, Great Britain, U.S.S.R., and the Baltic States.

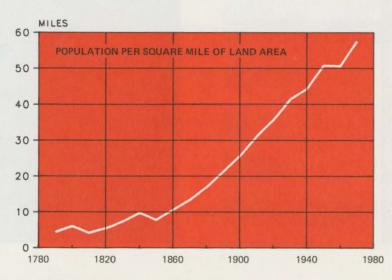
The peak year for immigration into the U.S. was 1907 when almost 1.3 million newcomers were recorded. Of this total, 93 percent



IMMIGRATION	1820- 1829	1850- 1859	1900- 1909	1950- 1959	1960- 1969
		1.04.00	Thousand	ls	
Immigration, Total	129	2,815	8,202	2,499	3,214
Europe:			OILOL	2,400	5,214
Northwest Europe	90	1,622	1,483	431	420
Central Europe	6	977	2,380	705	304
Eastern Europe	4	19	2,166	266	389
Southern Europe	0.1	0.5	156	9	17
All Other, Total	29	195	568	1,092	2.075

NOTE: Because of rounding, sums of individual items may not equal totals.





POPULATION	1610	1650	1700	1750	1780
		Thou	sands of I	Persons	
POPULATION, TOTAL	0.3	50.4	250.9	1,171	2,780
	1790	1800	1850	1900	1970
		Milli	ions of Pe	ersons	
POPULATION, TOTAL Urban Territory Rural Territory	3.9 0.2 3.7	5.3 0.3 5.0	23.2 3.5 19.6	76.0 30.2 45.8	203.2 149.3 53.9
POPULATION PER SQUARE MILE	4.5	6.1	7.9	25.6	57.5

came from Europe, with Italy alone contributing 22 percent; 72 percent were males and 86 percent were in the 14 to 44 age bracket.

### **30 VITAL STATISTICS**

#### Life Expectancy **Improves Steadily** for Average American

Life expectancy for the U.S. white population has increased from 47.6 years for those persons born in 1900 to 72.2 years for those born in 1973. For blacks and other races, it went from 33 to 65.9 years.



These life expectancy

steady decline in the death

excluding fetal-per 1,000

population) from 17.2 in

In 1975, the birth rate

dropped to 14.8 live births

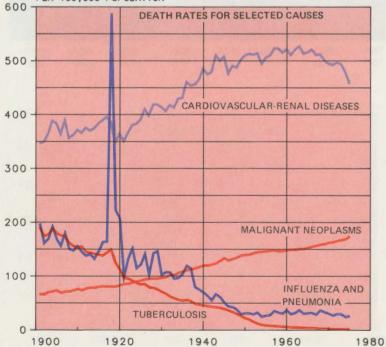
per 1,000 population. This

is the lowest in history.

1900 to 9.0 in 1975.

rate (number of deaths-

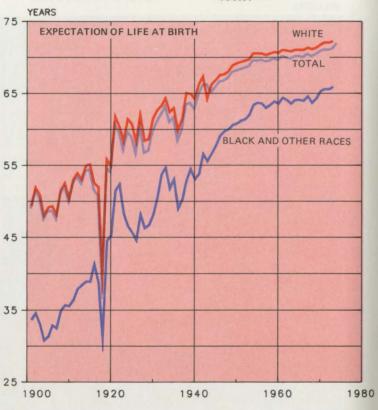
rates reflect a generally



#### **Death Causes Vary** As Medical Research Leads to Treatment

Death rates (deaths per 100,000 population) for various diseases and ailments have fluctuated widely since 1900. For instance, deaths

from tuberculosis in 1900 hit a rate of 194.4, but by 1975 had almost disappeared



to a low of 1.5. Flu deaths,

too, showed a dramatic de-

Various types of cancer

crease in the same period

(malignant neoplasms) in-

creased in the death rate.

from 64 in 1900 to 174.4

heart and circulatory sys-

in 1970. Death rates from

tem ailments jumped in the

same period from 345.2 to

458.3.

from 202.2 to 26.3.

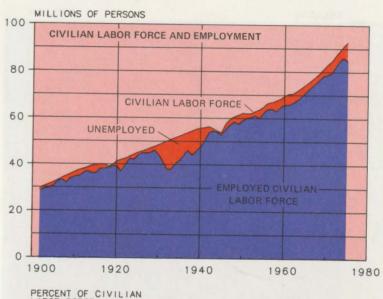
VITAL STATISTICS 1900 1950 1975 Per 1,000 Population Birth Rate 32.3 24.1 14.8 Death Rate 17.2 9.6 9.0 By Cause, per 100,000 Population: Tuberculosis, All Forms 194.4 22.5 1.5 Malignant Neoplasms 64.0 139.8 174.4 Influenza and Pneumonia 202.2 31.3 26.3 Major Cardiovascular-**Renal Diseases** 345.2 510.8 458.3 EXPECTATION OF LIFE 1900 1950 1975 At Birth, Total 47.3 68.2 72.0\* White 47.6 69.1 72.2 Black and Other Races 33.0 60.8 65.9 \*1974 data

# EMPLOYMENT

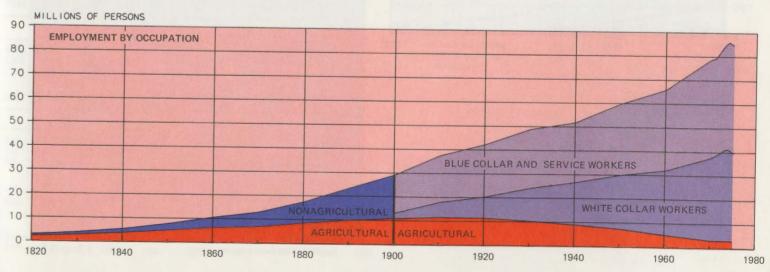
Nation's Labor Force Grows as Population. **Businesses Expand** 

The U.S. civilian labor force has increased more than 21/2 times between 1900 and 1975.

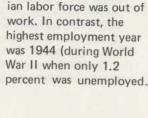
Over this period the number of unemployed workers has fluctuated widely with the ups and downs of the general economy.







PERCENT OF CIVILIAN LABOR FORCE



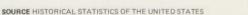
For example, unemploy-

ment in the U.S. was at

its highest in the depres-

sion year of 1933 when

25.2 percent of the civil-



SOURCE COPYRIGHTED-SEE SOURCE NOTES FOR ADDITIONAL INFORMATION. ALSO - HISTORICAL STATISTICS OF THE UNITED STATES

#### **Occupational Shifts Reflect Changes in** the Economy

How American workers earn their living has changed radically since 1820. Then the young Nation was predominantly agricultural and nonfarm workers represented only a small fraction of the total employment figure.

With industrialization of the economy has come the predominance of white and blue collar workers in the work force.

EMPLOYMENT	1820	1890	1900	1950	1975
		Millie	ons of Pe	rsons	
CIVILIAN LABOR FORCE	_		28.4	62.2	92.6
Employed			26.9	58.9	84.8
Unemployed	-		1.4	3.3	7.8
Percent of Civilian Labor Force	-	4.0	5.0	5.3	8.5
EMPLOYMENT BY OCCUPATION,					
TOTAL	2.8	23.3	29.1	59.7	84.8
Agricultural	2.1	9.9	10.9	7.4	2.9
Nonagricultural	0.7	13.4	18.1	52.3	81.8
White-Collar	-	_	5.1	22.4	42.2
Blue-Collar and Service Workers	-	-	13.0	29.9	39.6

# 32 EDUCATION & SOCIAL WELFARE

#### **Education Progress** In America

In 1870, school enrollment of the white population included 54 percent of those aged 5-19. The corresponding rate for black and other races was 10 percent. In 1970, enrollment percentages of the same age group were 88 for the white population and 85 for blacks and other races. In 1870, 16,000 persons or 2 percent of the 17-yearold population graduated from high school. By 1970 the total reached 2.9 million or 76 percent.

Twenty percent of the entire population was classed as illiterate in 1870 but by 1969 the proportion had dropped to 1 percent.

#### **Public Social Welfare Expenditures Grow** To \$146 Billion Level

Social welfare expenditures under public programs totaled \$318 million in 1890. This represented 2.4 percent of the U.S. gross national product. By 1970, the total expen-

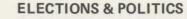
ded for welfare approached

DOLLARS

\$146 billion, or 15.3 percent of the GNP.

(These expenditures cover the Federal government, most States, and some localities.)

Expressed on a per capita spending basis (actual prices), the 1970 spending was \$701 compared with \$32 in 1929.

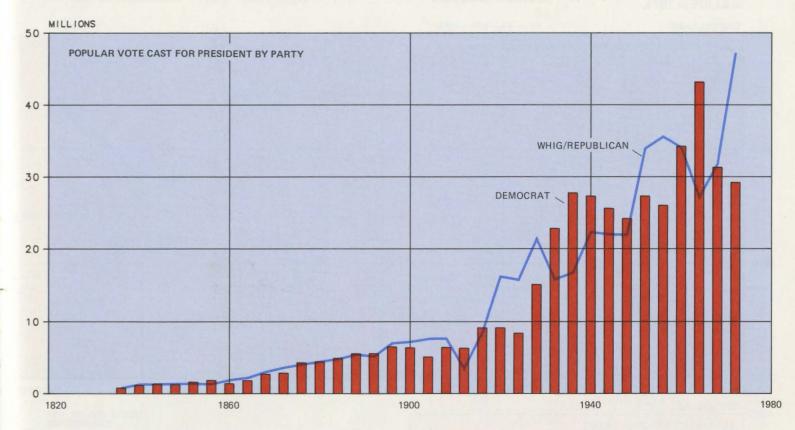


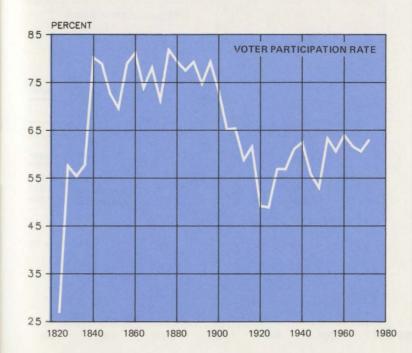
**19th Century America Characterized by Heavier Voter Participation** 

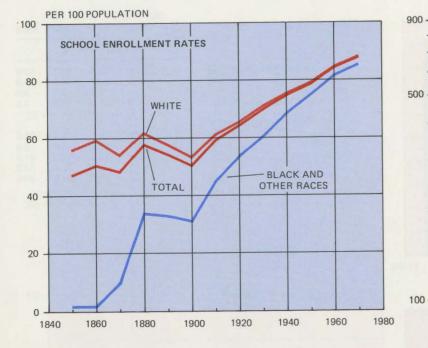
Voters in the 1800's exhibited greater interest in voting in Presidential elections. In fact, percentage of the estimated eligible population casting votes frequently exceeded 75 percent. In recent Presidential elections, the

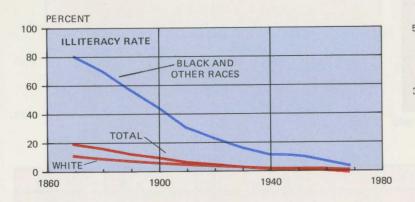
voter participation rate has stayed in the 60-percent range. Persons casting votes

have ranged from a low of 26.9 percent in 1840 to a high of 81.8 percent in 1876. Since 1900, the highest voter participation rate was 73.2 percent in 1900 while the lowest came in 1924 with 48.9 percent.











PER CAPITA SOCIAL WELFARE EXPENDITURES

50 30 1980 1960 1970 1940 1950 1930 1920

SCHOOL ENROLLMENT RATES	1850	1900	1950	1970
THE REAL PROPERTY OF THE REAL	I	Per 100 P	opulation	n
TOTAL	47.2	50.5	78.7	87.9
White	56.2	53.6	79.3	88.3
Black and Other Races	1.8	31.1	74.8	85.3
ILLITERACY	1870	1900	1947	1969
		Per	cent	
TOTAL	20.0	10.7	2.7	1.0
White	11.5	6.2	1.8	0.7
Black and Other Races	79.9	44.5	11.0	3.6
PER CAPITA SOCIAL WELFARE EXPENDITURES		1929	1950	1970
	S. Service		Dollars	
PER CAPITA Social Welfare Expenditures		3.2	15.3	70.1

SOURCE COPYRIGHTED-SEE SOURCE NOTES FOR ADDITIONAL INFORMATION

#### **Presidential Voting** Shows Close Popular Votes in '60, '68

The history of American Presidential voting is marked by a number of close popular votes. In 1960, J.F. Kennedy won over R.M. Nixon by only 119,000 votes out of the 68.8 million ballots cast. In turn, Nixon won over H.H. Humphrey in 1968 by 510,000 votes out of a 73.2 million total. In the 31 Presidential elections held from 1852 to 1972, the Republican Party candidate won 18 times and the Democratic Party candidate, 13.

ELECTIONS & POLITICS	1824	1860	1900	1940	1972
A STATE AND			Percent		
Voter Participation	26.9	81.2	73.2	62.5	63.0
			Mill	ions	
Popular Vote Cast: Whig/Republican Democrat		1.9 1.4	7.2 6.3	22.3 27.3	47.2 29.2

#### 34 NATIONAL INCOME & PRODUCT

#### Per Capita GNP and Personal Consumption Double Since 1929

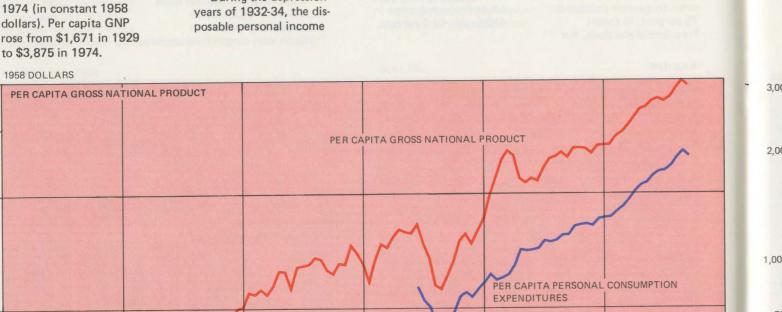
Both the gross national product and personal consumption expenditures per capita have more than doubled between 1929 and 1974 (in constant 1958 dollars). Per capita GNP rose from \$1,671 in 1929 to \$3,875 in 1974.

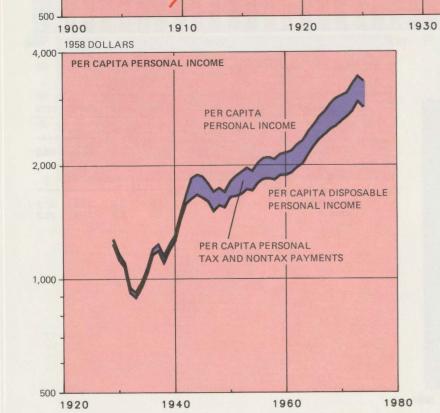
4,000

2,000

1,000

Per capita disposable personal income (per capita personal income less personal tax and nontax payments) has continued a steady rise from the \$1,831 figure in 1958 to the 1974 total of \$2,845. During the depression years of 1932-34, the disposable personal income total dipped below \$1,000, reaching a low point of \$921 in 1932.





INCOME	1869- 1878	1900	1950	1974*
		1958	Dollars	
PER CAPITA Gross National Product	531	1,011	2,342	3,875
		1929	1950	1974*
Personal Consumption Expenditures Personal Income Disposal Personal Income		1,145 1,274 1,236	1,520 1,810 1,646	2,546 3,341 2,845
*Preliminary				

1950

1940

1960

#### **BUSINESS AND FINANCIAL MARKETS**

#### Number of U.S. Businesses Grew to Over 2.5 Million in 1960

The total number of business concerns in the U.S. peaked at 2.7 million in 1959 and 1960. The total had dropped to 2.6 million by 1974.

Business concerns in the U.S. reached the 1 million mark in 1888, But it took only 36 more years before the number topped 2 million in 1924.

Since 1900 the highest business failure rate of 154 per 10,000 business enterprises occurred in 1932 during the depression. The fewest failures came in 1945 at the end of World War Luthen only 4

World War II when only 4 out of every 10,000 businesses failed.





SOURCE HISTORICAL STATISTICS OF THE UNITED STATES

#### Common Stock Index Up Over Eightfold Since 1940-1943

Between 1940-43 and 1975 the Standard and Poor's index of common stocks has gone up from 10 to 86.2. The index high point came in 1972, when it reached 109.2. The index consists of three parts: Industrial, railroad, and utilities. The industrial stock index reached a high of 121.8 in 1972 before tapering off to 106.2 in 1974. The high mark for the utility index was 76.08 in 1965 while the top railroad index was 48.84 in 1968.



		1941-	43=10	
TOTAL	4.7	6.2	18.4	86.2
Industrial	2.0	3.4	18.3	96.6
Railroad	14.3	18.6	15.5	37.5
Utilities	15.9	24.2	20.0	41.2
*1974 data				

#### 36 PRICES: HISTORICAL TRENDS

ally shows the widely

differing price patterns.

prices were registered in

highest have occurred in

the early 1890's. The

the last few years.

The lowest indicies of

both wholesale and consumer

#### The Ups and Downs Of Prices in U.S. From 1860 to 1975

Inflation, recession, war -all have played their part in shaping the jagged record of wholesale and consumer prices between 1860 and 1975.

The accompanying chart, which uses 1967 prices as the 100 index base, graphic-

#### INDEX, 1967=100 200

100

50

20

## 5 Lbs. of Sugar Cost 25 cents in 1932: Other **Food Prices Compared**

The lowest retail prices on record in the U.S. since 1890 for common food items are:

Flour, 11.5 cents for 5 lb. in 1894; sugar, 25 cents for 5 lb., 1932; round steak, 12.2 cents per lb., 1894; bacon, 12.5 cents per lb., 1890; butter, 23.8 cents per lb., 1896; eggs, 18.9 cents per dozen, 1897; potatoes, 12 cents for 10 lb., 1896; and milk, 13.4 cents for half gal. (delivered), 1897-99.

For most foods listed in the accompanying charts, prices in 1970 are the highest since 1890.

#### MANUFACTURING

Average Annual Rise In Industrial Output Hit Peak in '40-'45

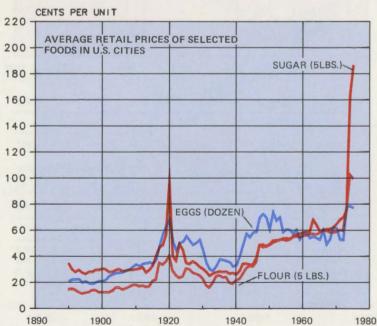
Since 1860, the most rapid growth in rates of industrial production came during the World War II years of 1940 to 1945 with annual increases of over 10 percent. Until that time, the only periods that the

annual rise in industrial production averaged more than 8 percent came during 1875-80 and 1885-90.

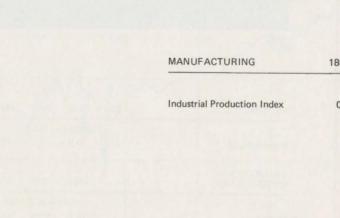
Other periods when the figure almost reached 8 percent were 1865-70, 1900-05, and 1935-40. In 1925-30, the growth

of industrial production averaged less than 1 percent per year. And in the depression era of 1930-35.









1900

SOURCE HISTORICAL STATISTICS OF THE UNITED STATES

1880

0

1860

SOURCE HISTORICAL STATISTICS OF THE UNITED STATES

industrial production went down on the average of 0.7 percent a year.

The Civil War marked the beginning of rapid growth in American industrial production. Industrial development received another impetus with the introduction of the assembly line process in the late 19th Century.



60	1900	1950	1970	1975	
	Inde	ex, 1967	=100		
0.9	6.3	44.9	106.7	113.7	

#### 38 HOUSING & CONSTRUCTION

#### Almost 2 Million **Housing Units** Started in 1973

In 1973, more housing units were started than in any other year in our history.

The first 1 million housing starts year was 1946, the year after World War II ended. In 1950, starts almost reached the 2 million level. The



million mark was exceeded

for the first time in 1971.

Prior to World War II, the

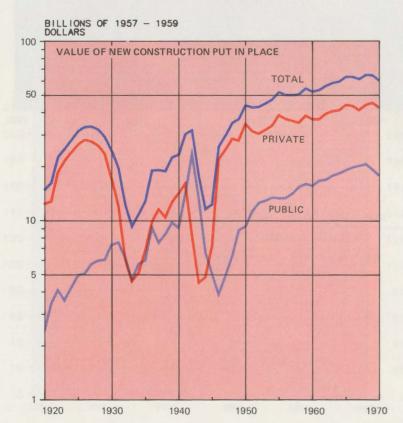
peak was reached in 1925

was in 1933, with 93,000

The low point in starts

with 937,000 units.

units.



#### New Construction Value at Highest During Late 1960's

Since the end of World War II, new construction, in constant dollars, has increased without serious interruptions. The value put in place in the second half of the 60's was almost twice that of the previous peak years of the 20's.

PERCENT

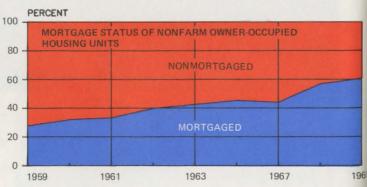
#### **Owner-Occupied Housing Outnumbered Rented** First in '45

From 1890 through 1940, fewer than half of the Nation's housing units were owner-occupied. In 1945 the percentage of owner-occupied units was 53.2 and by 1970 owners outnumbered by 63 to 67

# percent. TENURE OF OCCUPIED HOUSING UNITS

# 40 20

1890 1900 1910 1920 1930 1940 1950 1960 1970 1973



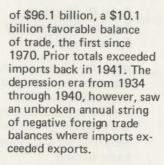
HOUSING	1889	1900	1950	1975
		Millions	of Units	
Housing Starts	0.3	0.2	1.9	1.2
VALUE OF NEW CONSTRUCTION		1920	1950	1970
	1.1.1.1.1.1.1	Billio	ons of Do	llars
TOTAL		14.7	43.6	60.2
Private		12.3	34.3	42.3
Public		2.4	9.3	17.9

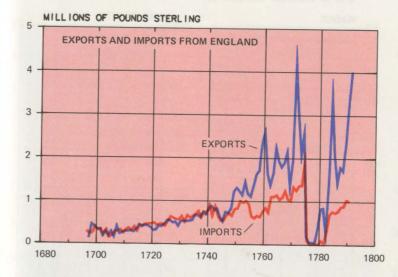
#### FOREIGN TRADE

#### Exports, Imports Play Large Role In U.S. Commerce

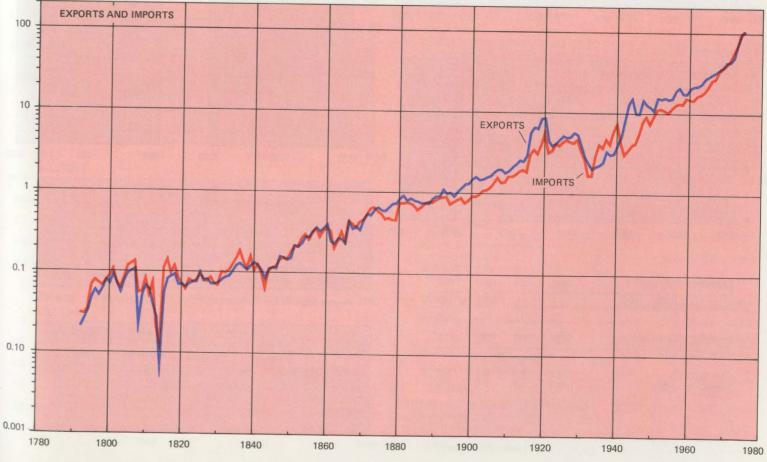
The value of America's foreign trade (total merchandise, gold, and silver) has grown substantially since the end of World War II. In 1975, the value of

exports totaled \$106.2 billion compared with imports





## BILLIONS OF DOLLARS



SOURCE HISTORICAL STATISTICS OF THE UNITED STATES

#### English-American Trade Bounced Back Quickly from War

The traditional commercial ties between America and Great Britain were quickly recemented following the Revolutionary War.

With exports and imports between the two Nations at a low ebb from 1776 to 1782, trade increased beginning

in 1783.

Imports from England reached a level of over 1 million pounds sterling by 1783 but exports from the new United States to England did not again too that figure until 1790.

By 1791, the value of imports from England were running at almost a 4-1 ratio over exports from America.

#### VALUE OF IMPORTS & EXPORTS FROM ENGLAND

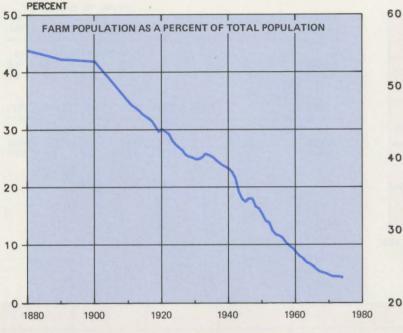
FROM ENGLAND		1697	1700	1750	1791
		Mil	lions of F	ounds St	terling
Exports		0.3	0.4	0.8	1.0
Imports		0.1	0.3	1.3	4.0
VALUE OF EXPORTS & IMPORTS	1790	1800	1900	1950	1975
		В	illions of	Dollars	
Exports	0.02	0.07	1.5	10.8	106.2
Imports	0.02	0.09	0.9	9.1	96.1

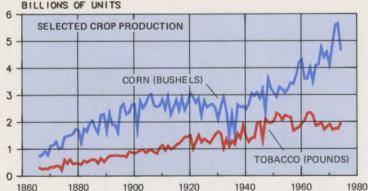
#### 40 AGRICULTURE

#### **Farm Population Steadily Declines** As Percent of Total

One of the most dramatic changes in American life has been the almost continuous decline of the farm population as a percentage of the total population.

In 1900, the farm population totaled 29.9 mil-





FARM POPULATION	1880	1900	1950	1974
Percent of Total Population	43.8	41.9	15.3	4.4
CROP PRODUCTION	1866	1900	1950	1974
	in the second	Billions	of Units	
Corn (Bushels) Tobacco (Pounds)	0.7 0.3	2.7 0.8	3.1 2.0	4.7 2.0

lion, or 41.9 percent of the U.S. total. By 1974, the number had decreased to only 4.4 percent of the national population.

#### Crop Production. **Farmer Productivity Continue to Rise**

While American agriculture has constantly increased its production of such major crops as corn, cotton, and tobacco, this has been accomplished with fewer and fewer workers.

For example, in 1820, one farmworker was able to

PERSONS SUPPLIED PER

FARMWORKER

NUMBER

0

1820

supply food and fiber for four persons. With changing technology and increasing specialization-including the transfer of former farm jobs and functions to nonfarm businesses, the number of persons supplied by one farmworker reached 52.4 in 1972.

BILLIONS

MAN-HOURS

REQUIRED

ON FARMS

25

20

15

10

5

0

1900

22.5

15.1

5.6

1940

1980

# **Technology Sparks**

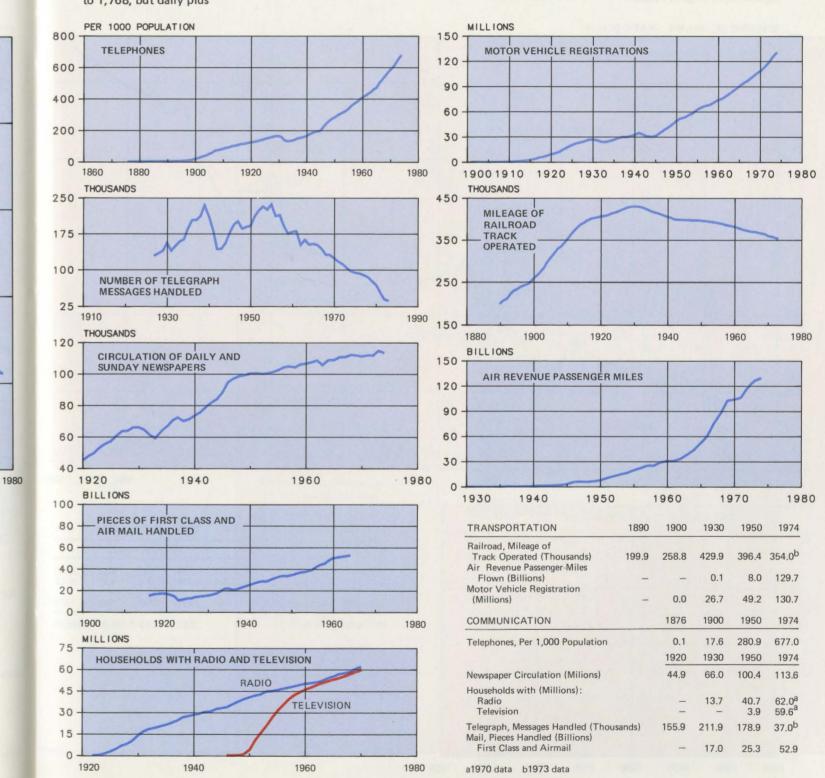
**COMMUNICATION & TRANSPORTATION** 

**Communication Growth** In Telephone, TV Use

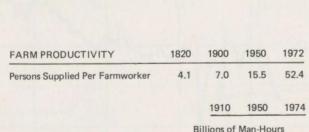
One hundred years ago there was one telephone for each 10,000 persons in the U.S. By 1974, there were 3 telephones for every 2 persons, Between 1920 and 1974 the number of daily newspapers declined from 2,042 to 1,768, but daily plus

Sunday circulation increased from 44.9 million to 113.6 million over the same period.

The number of television sets in use increased from 8.000 in 1945 to 96.6 million in 1974. The number of radio sets rose from 552,000 in 1920 to 62 million in 1970.



50 40 30 20 BILLIONS OF UNITS 10



Man-Hours Required on Farms

1900

SOURCE COPYRIGHTED-SEE SOURCE NOTES FOR ADDITIONAL INFORMATION

#### 42 FEDERAL GOVERNMENT FINANCES

#### **Federal Budget Growth Reflection of Change** in Governmental Role

The changing role of the Federal Government in the American society is clearly shown in tracing receipts and expenditures since 1789. The Nation's first budget in 1789-91 produced a slim \$150,000 surplus on expenditures of \$4.3 million.

During the Nation's first 150 years (1789-1939) Federal Government budgetary surpluses came in on the average of two out of every three years: in only 51 years during that span was the Federal budget in deficit.

The Nation's first \$1 billion-plus federal expenditure year came in 1917 as World War I began.

#### Per Capita Share of Federal Debt Shot Up **During Wartime**

In 1916, the year before World War I started, the per capita share of the Federal Government debt was a modest \$12.02. But the Federal borrowing needed to win that war pushed the per capita debt to \$242.56 by 1919

Until 1971, the peak year for the per capita debt figure, however, was 1946 at the close of World War II when it reached \$1,905. By 1974, the per capita debt had reached \$2,242.

Section II

This was a far cry from the lowest per capita debt figure of 93 cents in 1857.



Local Government Revenue

Sources of Local Government Revenue 44 Counties 44 Cities 44

Townships 44

Public Labor-Management Relations

Public Labor-Management Agreements 45

State and Local Government Work Stoppages 45

#### General Housing Characteristics

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Median Age of Housing 50 Distribution of U.S. Housing Inventory: 1960 and 1974 51

New Units Built During 1970-1974 As Percentage of 1974 Housing Inventory-

By Location 52 By Region 52

Value of Owner-Occupied Housing Units 53

Gross Rent of Renter-Occupied Housing Units 53

Housing Stock by Type of Structure 53

Crime Index Trends

Total Crime Index 54



## 3,000 PER CAPITA PUBLIC DEBT OUTSTANDING 1,000 100 -10 . 0.1 1840 1860 1880 1900 1920 1940 1960 1980

FEDERAL FINANCES 1789 1850 1900 1950 1975 Billions of Dollars Receipts 0.004 0.044 0.6 40.9 281.0 Outlays 0.004 0.039 0.5 43.1 324.6 DOLLARS 1851 1900 1950 1974 Per Capita Public Debt 2.85 16.60 1,696.67 2,242.00

SOURCE HISTORICAL STATISTICS OF THE UNITED STATES

Violent Crime 54 Propetry Crime 54 Percent Change in Reported Serious Crime By Geographic Region 55 By Type of Area 55

#### **Criminal Justice** Expenditures

Direct Expenditures of the Criminal Justice System: 1971-1974 56

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#### Voter Registration & Participation

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Percent of Population Reported Voting 58

Registration and Voting by Race and Region 59

Registration and Voting by Family Income 59

Percent Registered to Vote by Age and Education: 1974-60

**Reported Reasons for Not** Registering to Vote 61

Reported Reasons for Not Voting 61

#### **Transportation Trends**

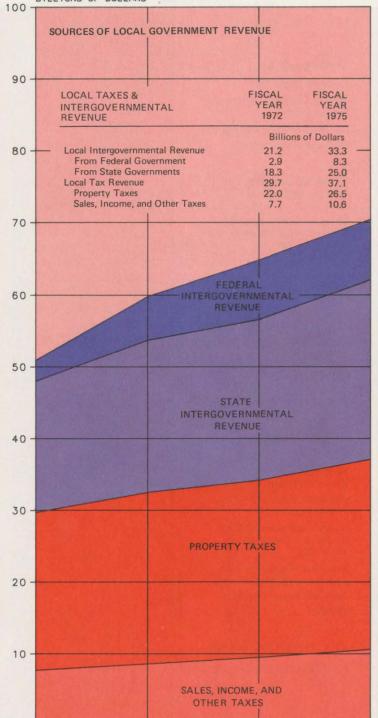
Passenger-Miles Traveled 62

#### 44 LOCAL GOVERNMENT REVENUE

#### Local Governments Get More Revenue From U.S., States

In Fiscal 1974-1975, direct Federal Government grants to county, city, and township governments were \$8.3 billion, equivalent to 22 percent of their own revenue raised from taxes, compared with \$2.9 billion, or 9.9 percent in 1971-1972. This

#### BILLIONS OF DOLLARS



1973

1972

SOURCE BUREAU OF THE CENSUS

1974

were equal to 90 percent is primarily a result of the Federal General Revenue of local governments own Sharing Program begun in tax revenue compared to 71 percent in FY 1971-1972.

October 1972.

billion.

During the same period,

State funds as a source of

local government revenue

from \$18.3 billion to \$25

combined revenues from

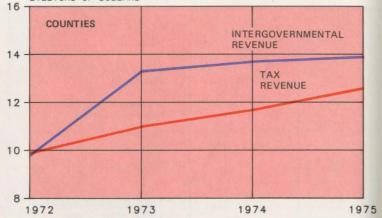
Federal and State sources

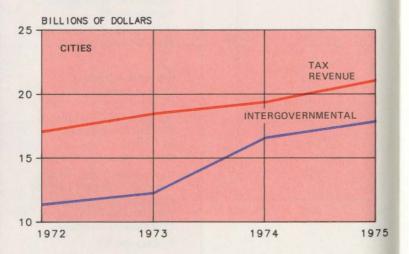
In FY 1974-1975, these

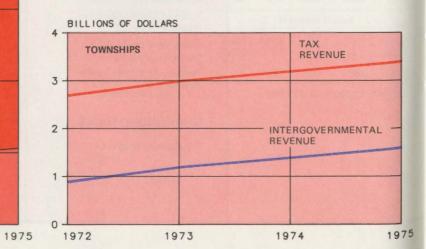
also rose substantially

Since FY 1971-1972, State and Federal payments have become a major source of county revenues. During the same period, intergovernmental revenue has increased sharply as a source of funds for cities, particularly in FY 1974.

#### BILLIONS OF DOLLARS







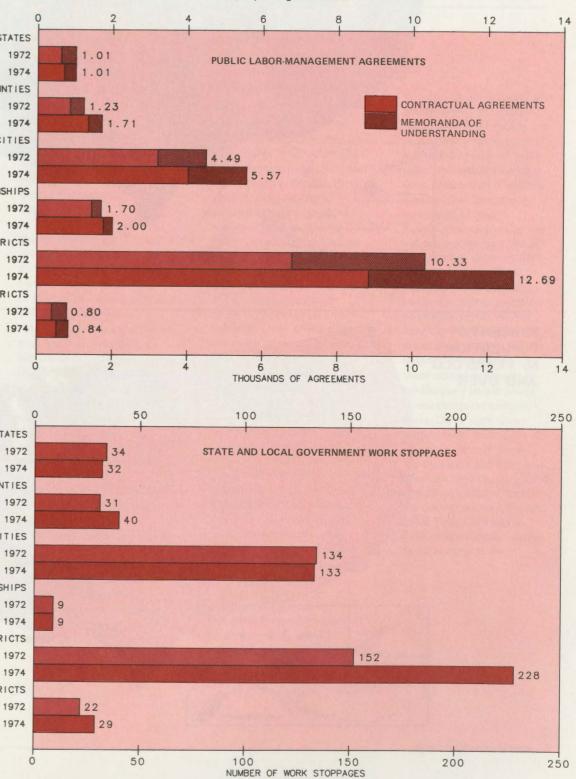
### PUBLIC LABOR-MANAGEMENT RELATIONS

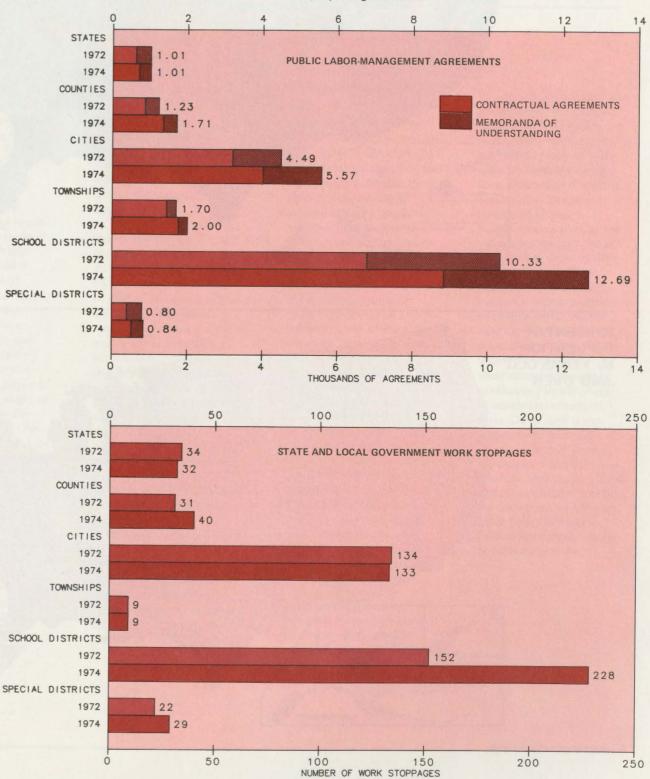
#### Public Labor Contracts Rise 29% from 1972 to 1974

Binding public labormanagement contractual agreements increased significantly between October 1972 and October 1974. The total number of State and local government contracts increased from 13,323 in 1972 to 17,161 in 1974

(29 percent). The total number of all agreements rose from 19,547 to 23,820, or 22 percent. The difference was due to nonbinding memoranda of understanding which rose only 7 percent in the 2-year period.

Although the rate of increase of contractual agreements was high at all levels of local government, it was particularly strong for



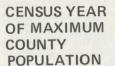


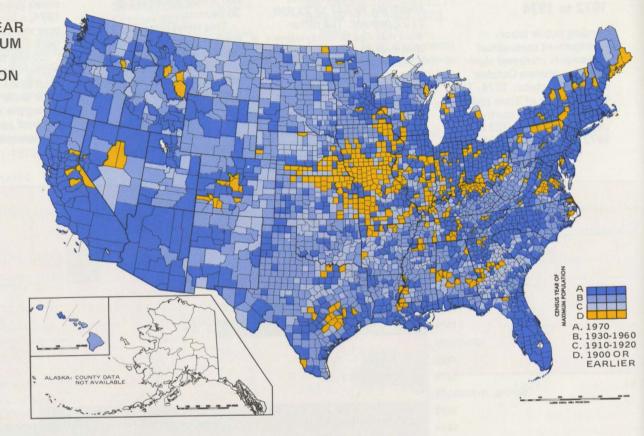
counties (up 56.9 percent) and school districts (up 30 percent).

This trend since 1972 toward more formalized labor-management relations is partly attributable to new legislation in many States that either permits or requires collective negotiations between government representatives and employee organizations.

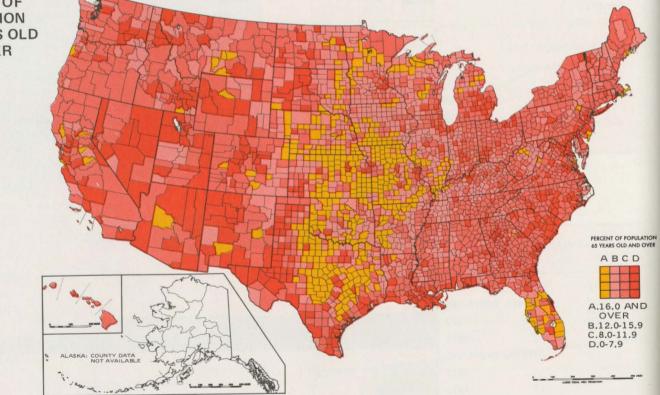
School districts experienced 228 work stoppages in 1974, a 50-percent increase over the 152 school district work stoppages in 1972.

During the 12-month period ending October 15, 1974, most State or local government work stoppages occurred during the renegotiation phase of an existing labormanagement agreement.





PERCENT OF POPULATION 65 YEARS OLD AND OVER



map of the month

### INTRODUCTION

The centerfold which follows will each month contain a map designed to identify more clearly geographic areas of special concern. The map featured this month shows the possibilities for using statistical maps as an analytical tool. By presenting two variables in contrasting colors on a single map, a graphic portrayal of the spatial geographic relationships that exist between them can be readily provided. The map was created by combining or "crossing" two single variable maps. Small versions of the two single variable maps are shown on page 46. The red and yellow map presents information on the "Percent of Population 65 Years Old and Over" and the blue and yellow map depicts the "Census Year of Maximum County Population."

When examing the twovariable (census year and population over 65) maps, it can be determined whether the interrelationships between the selected variables do, in fact, differ by geographic region and, if so, how. If the relationships, as far as geographic location was concerned, were

essentially random, the resulting map would show no particular tendency toward an areal concentration of similar colors but, instead, would exhibit a patchwork of small contrasting color blocks throughout the country.

Examination of the map shows that there is, indeed, a geographic variation in the distribution of older Americans as related to the year of maximum county population. The sixteen individual colors which make up the map (each representing a particular combination of the two variables) are frequently seen to be concentrated in sizable groups of contiguous counties. Further, these contiguous county groups can also be shown to have demographic characteristics or historical circumstances that are similar for the entire geographic area.

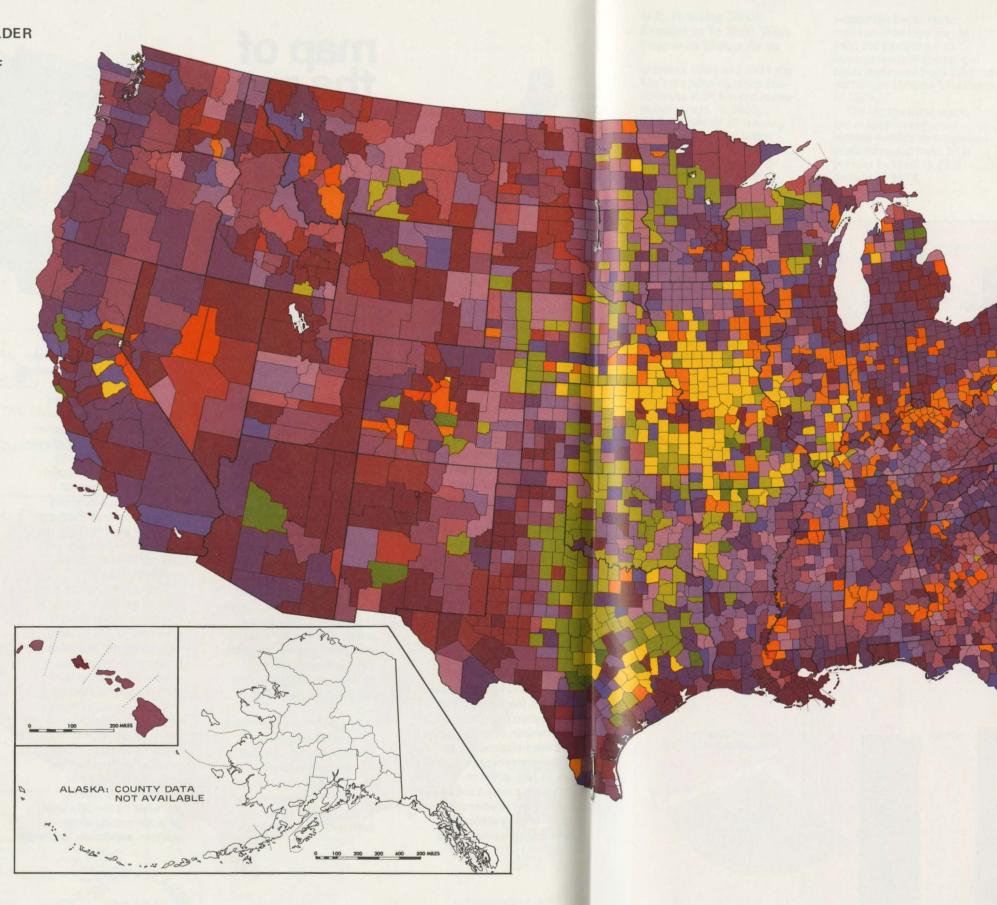
The color spectrum selected to differentiate the age variable uses purples and reds to identify areas which have a high proportion of "young" populations (that is, areas with a small proportion of the population

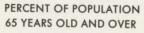
aged 65 and over) and blues, greens, and yellows to identify areas with "older" populations (that is, areas with a large proportion of the population aged 65 years old and over). Among these "older" areas, those in yellow, light orange, light green, or light violet represent counties that reached their maximum population in 1920 or earlier. (Usually, these counties have experienced a long history of declining population and although some of them are currently experiencing new growth, they have not yet attained their earlier population levels.)

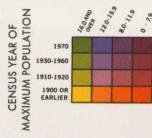
The counties which are colored yellow form a large and conspicuous block in the center of the country, focused on the Iowa-Missouri border area, Scattered within this block, and on the perimeter surrounding this area, are many orangecolored counties showing similar population declines. These yellow and orange counties are heavily rural with a long history of outmigration. That is, there has historically been an outmigration of the younger population, primarily to seek job opportunity elsewhere; hence the older population has become proportionately large. By the late 1960's many of these counties contained such a large proportion of elderly persons that deaths outnumbered births.

In direct contrast to the yellow/orange counties are the counties showing dark shades of green. These counties, while they also contain a large proportion of elderly, differ in that they demonstrate recent population growth. The largest concentration of these counties appears in peninsular Florida where it represents retirement areas. Other dark green "retirement" counties appear in central Texas, the Ozarks, Cape Cod, and southern New Jersey. North and south of San Francisco, the dark green of Lake and Santa Cruz Counties in California similarly identify retirement areas.

DISTRIBUTIONS OF OLDER AMERICANS IN 1970 RELATED TO YEAR OF MAXIMUM COUNTY POPULATION







ALBERS EQUAL AREA PROJECTION

49

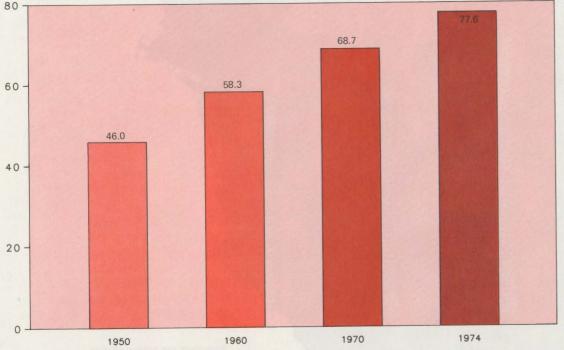
#### Housing Inventory Up 69% From 1950 to 1974 While **Population Increased 39%**

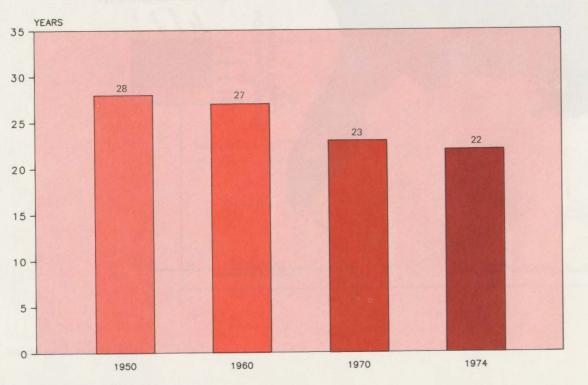
The percent increase in occupied housing units has exceeded the percentage growth in the population since the turn of the century. Between 1950 and 1974 the Nation's housing inventory (total number of housing units) expanded from 46.0 million

units to 77.6 million units, an increase of 68.8 percent. In the 41/2 years from April 1970 to October 1974, the total number of housing units increased by 8.9 milliona 10.3-percent gain.

As the housing inventory grew, the median age of housing declined from 28 years in 1950 to 22 years in 1974.

## MILLIONS OF HOUSING UNITS





SOURCE BUREAU OF THE CENSUS

#### **GENERAL HOUSING CHARACTERISTICS**

#### U.S. Housing Stock **Continues To Shift With** People to Metro Areas

Between 1960 and 1974 the Nation's housing stock continues to shift toward metropolitan areas. In 1960, 62.4 percent of all housing units were located inside SMSA's. By 1974, the percentage had expanded to 67.1. Suburban growth

NUMBER OF HOUSING UNITS

IN THE TOTAL HOUSING

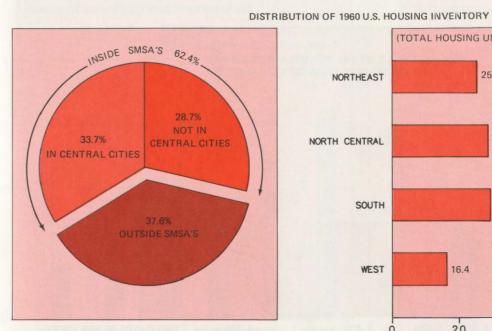
INVENTORY

MEDIAN AGE OF

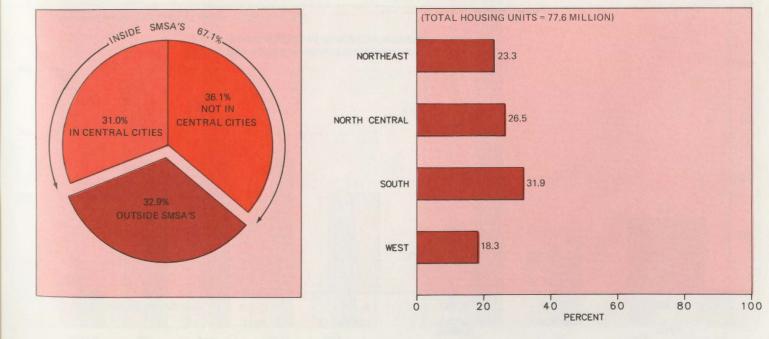
HOUSING

accounted for the total metropolitan increase. In fact, the percentage of housing units in the central cities decreased from 33.7 percent in 1960 to 31 percent in 1974.

During the same years, the proportion of units located outside metropolitan areas decreased from 37.6 percent in 1960 to 32.9 percent in 1974.



**DISTRIBUTION OF 1974 U.S. HOUSING INVENTORY** 



SOURCE BUREAU OF THE CENSUS

Following general population trends, the proportion of U.S. housing located in the West and South increased between 1960 and 1974 while the proportion of total units in the Northeastern and North Central regions decreased. The greatest

change occurred in the West where the percentage of total housing units increased from 16.4 percent to 18.3-an 11.6-percent rise.

# (TOTAL HOUSING UNITS = 58.3 MILLION) 25.4 28.8 29.4 16.4 20 40 60 80 100 PERCENT

#### 52 GENERAL HOUSING CHARACTERISTICS

#### Suburbs Lead the Way in New Housing; South Heads **Regional Building**

Nearly 13 percent of all units in the 1974 Housing Inventory were built since 1970. The largest proportion of the new construction -4.5 million units-occurred in the suburbs of large metropolitan areas. The new units comprised more than

16 percent of total housing units in those suburban areas. Over 2 million units were built in central cities, bringing total metropolitan area housing construction (inside SMSA's) to 6.6 million units. Construction in nonmetro-

politan areas between 1970 and 1974 amounted to 3.4

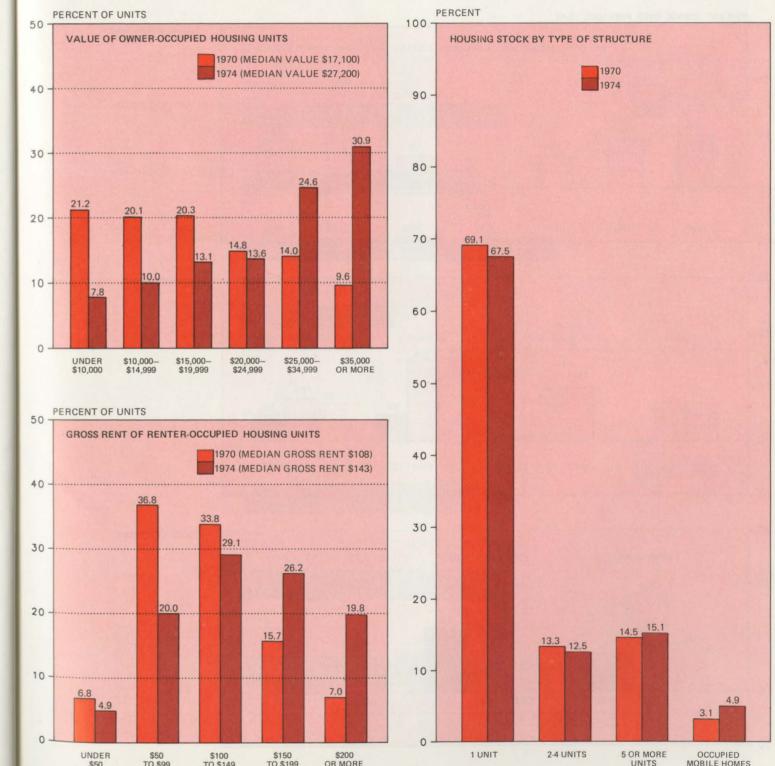
million units (13.2 percent of the total nonmetropolitan housing inventory).

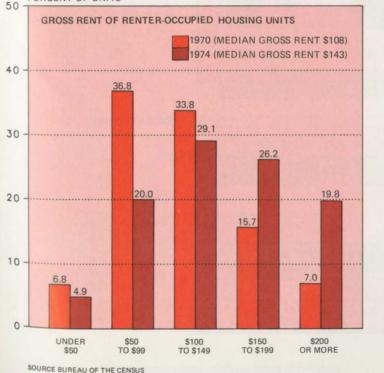
By geographical region, the largest volume of home building occurred in the South, where 4.3 million units have been built since 1970. The Northeast reported the lowest volume of new home construction.

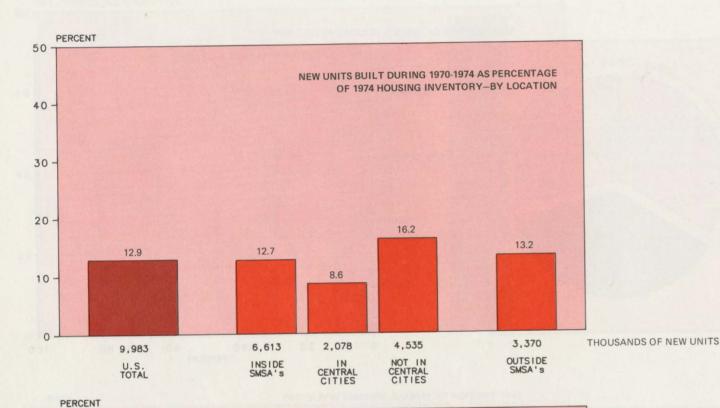
#### **GENERAL HOUSING CHARACTERISTICS**

#### Housing Median Value Increases 60% From 1970 to 1974

The median value of the Nation's owner-occupied housing rose from \$17,100 in 1970 to \$27,200 in 1974, an increase of nearly 60 percent. In 1970, the largest proportion (21.2 percent) of all owneroccupied homes was valued at less than \$10,000 while the smallest proportion of homes (9.6 percent) was valued at \$35,000 or more. However, in 1974, the lowest percentage (7.8 percent) of owner-occupied dwellings was valued under \$10,000 while the highest percentage (30.9 percent) was in the \$35,000 or more category.









SOURCE BUREAU OF THE CENSUS

Median gross rent for cash rental units increased 32.4 percent between 1970 and 1974. Accordingly, the percentage of persons paying higher rents increased sharply. In 1974, for example, 19.8 percent of all renters paid \$200 or more, compared to only 7 percent in 1970.

#### Single-Family Houses Decline in Share of **Total Housing Stock**

The number of 1-unit structures increased between 1970 and 1974, but their share of the total (yearround) housing inventory dropped from 69.1 percent to 67.5. The proportion of 2- to 4-unit structures also declined.

#### 54 CRIME INDEX TRENDS

#### **Crime Rate Rise Slows** In 1975 to Half That **Reported in 1974**

Preliminary figures indicate that the percent increase in serious crime reported in the Nation slowed to 9 percent in 1975 following a sharp increase of 18 percent in 1974. The change in the crime rate has fluctuated widely since 1969,

30

PERCENT CHANGE OVER PREVIOUS YEAR

reflecting increased crime levels in every year except 1972 when the actual level of serious crime dropped 4 percent.

As a group, violent crimes increased 5 percent in 1975, while property crimes rose 9 percent. In

1975 there were 1 percent fewer murders reported than in 1974. This was the only category to decline during the year.

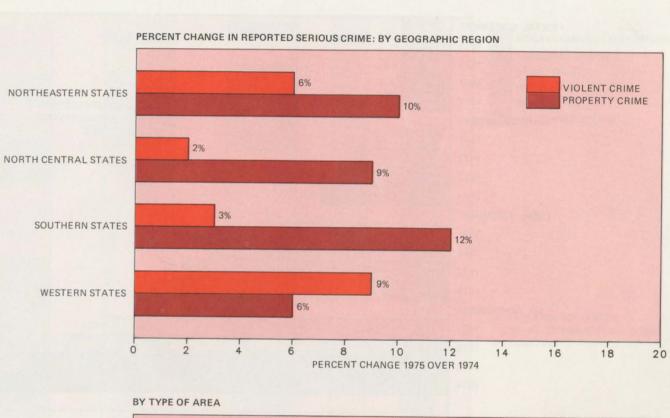
#### CRIME INDEX TRENDS

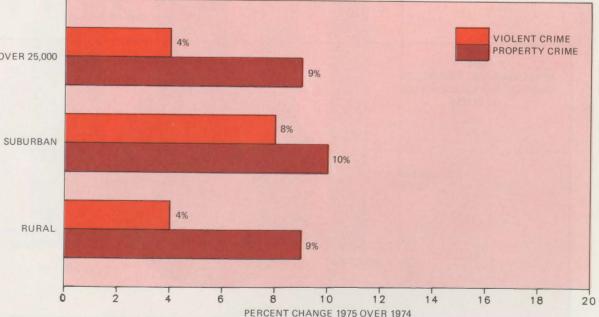
#### Violent/Property Crime Increases at Differing Rates by U.S. Region

Between 1974 and 1975, total crime rates increased in all four geographic regions of the United States, with property crime rising more than violent crime in all but the Western States.

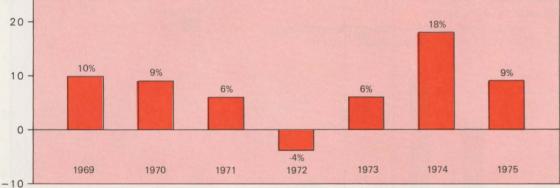
While the West reported the sharpest percent increase in violent crimes, it showed the lowest overall rise in total crimeequaling 6 percent, a rate 3 percentage points below the 1975 national average. The greatest overall increase in serious crime was the 11-percent rise

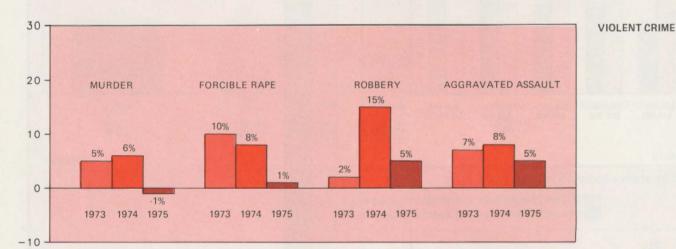
reported in the South.





0%





30 BURGLARY LARCENY-THEFT MOTOR VEHICLE THEFT 21% 20 18% 12% 10 8% 5% 0 1975 1974 1974 1973 1974 1975 1973 1975 1973 -10

SOURCE LAW ENFORCEMENT ASSISTANCE ADMINISTRATION AND BUREAU OF THE CENSUS

SOURCE FEDERAL BUREAU OF INVESTIGATION

CITIES OVER 25,000

TOTAL CRIME INDEX

PROPERTY CRIME

Both violent and property crimes increased more rapidly in the suburbs than in larger cities over 25,000 or in rural areas. Suburban law enforcement agencies reported a 10percent overall crime increase in 1975, compared to 8 percent and 9 percent hikes in large cities and rural areas, respectively.

#### 56 CRIMINAL JUSTICE EXPENDITURES

#### Direct Expenditures for Ciminal Justice\*

Local government spending for criminal justice activities continues to exceed that of Federal and State governments by a substantial margin. This imbalance of direct spending has remained virtually unchanged during the decade. In 1971, local government expenditures accounted for 63 percent of the total criminal justice budget. During Fiscal Year 1974 local governments disbursed \$9.1 billion, or 60.7 percent of all Criminal Justice System expenditures.

\*Direct expenditures include all expenditures except payments to other governments.

#### Full-Time Equivalent Employment in Criminal Justice System

The percent distribution of criminal justice employment among levels of government has generally followed the pattern of direct expenditures. In October 1974, nearly two-thirds of the 1 million full-time equivalent criminal justice employees were on local government payrolls. State governments employed 25 percent of all criminal justice workers; while the Federal Government supported 9.3 percent.

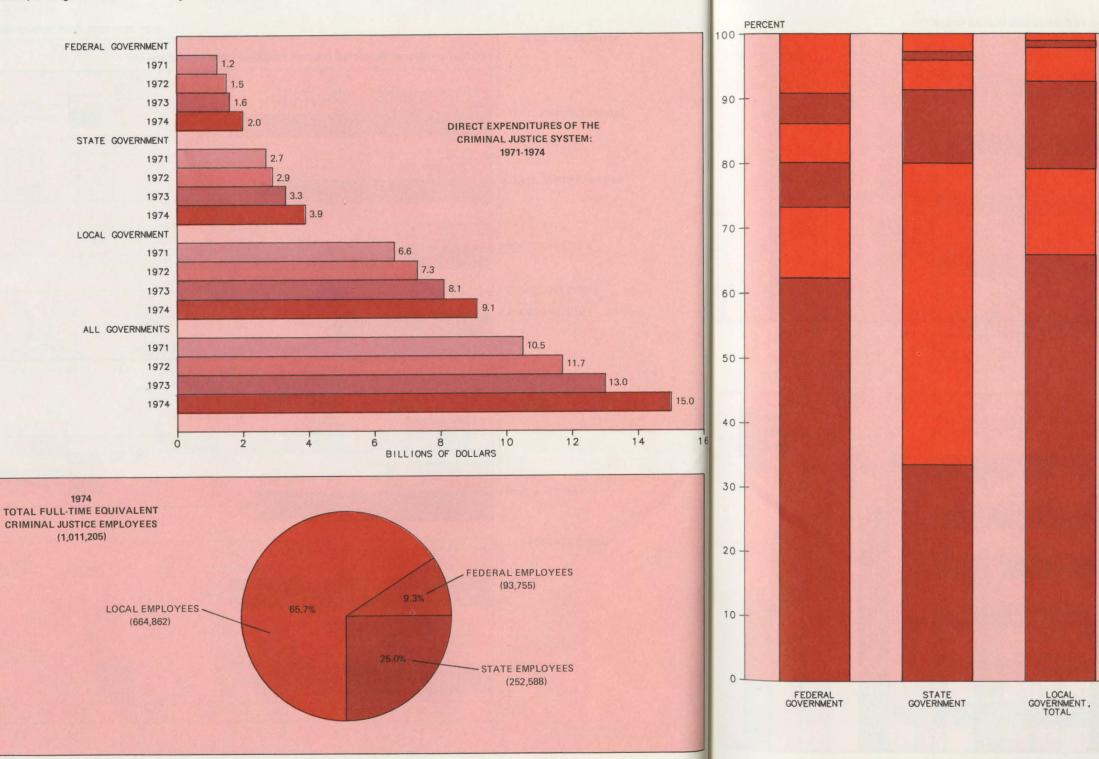
#### CRIMINAL JUSTICE EXPENDITURES

#### Distribution of Direct Expenditures by Function

In 1974, Federal and local governments disbursed more than half of their total criminal justice funds for police protection.

At the Federal level, police protection expenditures reflected cost increases in the U.S. Capitol Park Unit, Drug Enforcement Administration Internal Revenue Service Intelligence Division, and the Postal Inspection Service.

Large police costs in local budgets were due to broad county and municipal spending in that area. Municipal governments spent 83 cents of every criminal



Source: Law Enforcement Assistance Administration and Bureau of the Census

justice dollar for police protection. This was matched by more than a third of the total budget at the county level.

The largest percentage of State government funding— 46.5 percent—was spent for corrections; while police protection accounted for 33.5 percent. Judicial expenditures claimed 26.5 percent of county government budgets the highest proportion for any government level.

MISCELLANEOUS EXPENDITURES INDIGENT DEFENSE LEGAL SERVICES JUDICIAL CORRECTIONS POLICE PROTECTION DISTRIBUTION OF DIRECT CRIMINAL JUSTICE EXPENDITURES BY FUNCTION

COUNTY

MUNICIPAL

#### 58 VOTER REGISTRATION & PARTICIPATION

#### **1974** Congressional **Election Drew 36%** Of Those Over 18

About 52 million persons cast ballots in the 1974 Congressional election, the lowest in the last 10 years, according to official estimates from the Clerk of the House, United States Congress. This represents about 36 percent of the

#### MILLIONS OF PERSONS

1974 voting age population -17 percent lower than in the non-Presidential election year of 1970 and 35 percent below the 1972 Presidential election. From 1964 to 1974, the population of voting age increased 27 percent from 114.1 million to 144.9 million.

Data from the Current **Population Survey indicate** that the reported voter participation rate has been 11 to 15 percentage points lower for blacks than for whites in each election since 1964. There is no evidence that this difference between black and white voter participation is diminishing, and may

#### have actually increased in 1972 and 1974.

NOTE: The disparity between the results of votes cast issued by the Clerk of the House and estimates from the Current Population Survey is due in part to a tendency among respondents to overreport voting participation to interviewers.

#### **VOTER REGISTRATION & PARTICIPATION**

#### Regional, Income **Differences Show Up** in Voting Patterns

Despite the unusually low level of participation in the 1974 election, the demographic characteristics that have usually been associated with registration and voting-age, race,

PERCENT

VOTING

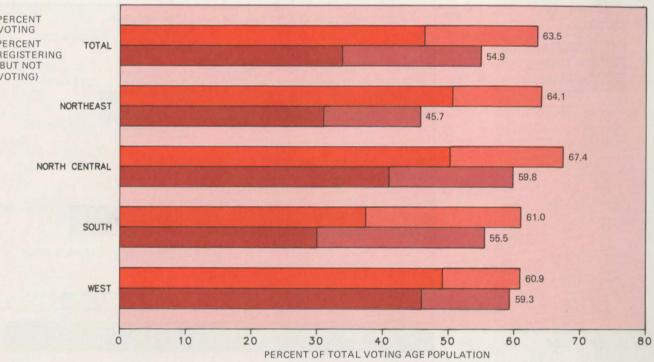
PERCENT

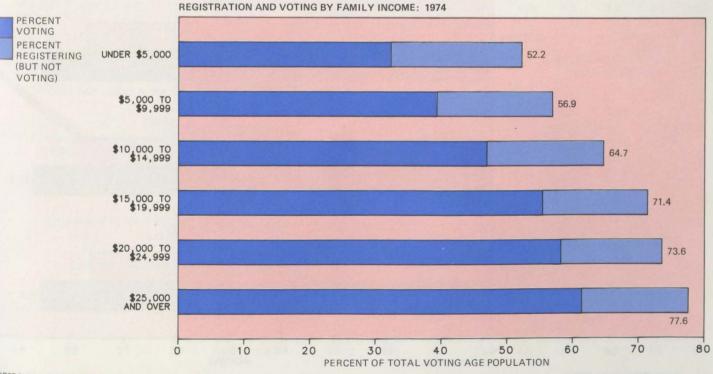
(BUT NOT

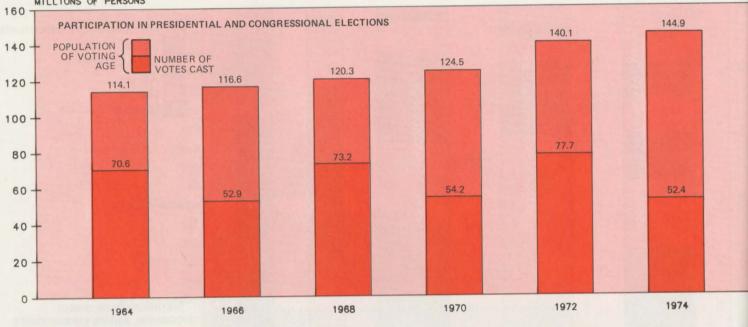
VOTING)

WHITE BLACK

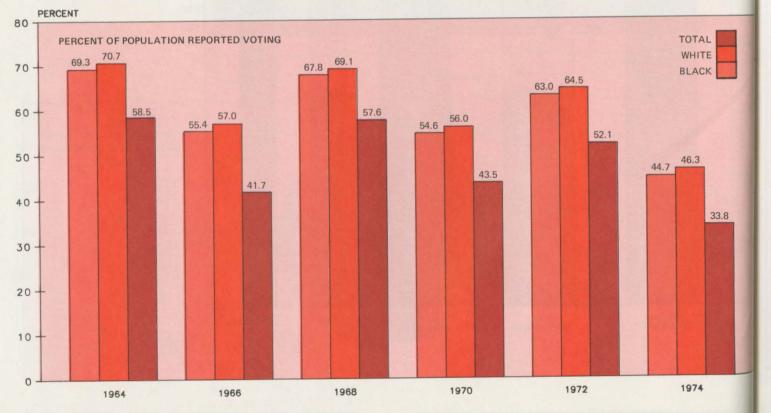
income, and educationremained generally consistent with previous elections. For example, among both blacks and whites a lower proportion voted in the South than in any other region. However, in all regions except the West, blacks were less likely than whites to register and vote.







SOURCE BUREAU OF THE CENSUS, U.S. CONGRESS, CLERK OF THE HOUSE



SOURCE BUREAU OF THE CENSUS

SOURCE BUREAU OF THE CENSUS

Registration and voting are more likely for persons with high levels of family income. In 1974, about four-fifths of persons in families with incomes of \$25,000 or more were registered and three-fifths voted, while one-half the people with a family income under \$5,000 registered and one-third voted.



#### 60 VOTER REGISTRATION & PARTICIPATION

#### **Registration Levels** Tend To Improve With Age and Education

Age and level of education are also strongly related to the probability of being registered to vote.

Registration rates were especially low among young persons without a high school education. Young

YEARS OF SCHOOL

0-8 YEARS

12 YEARS

MORE

COMPLETED

people are less likely to register to vote than older people regardless of educational level.

## **VOTER REGISTRATION & PARTICIPATION**

#### Apathy Tops List of **Reasons Given for** Nonregistration

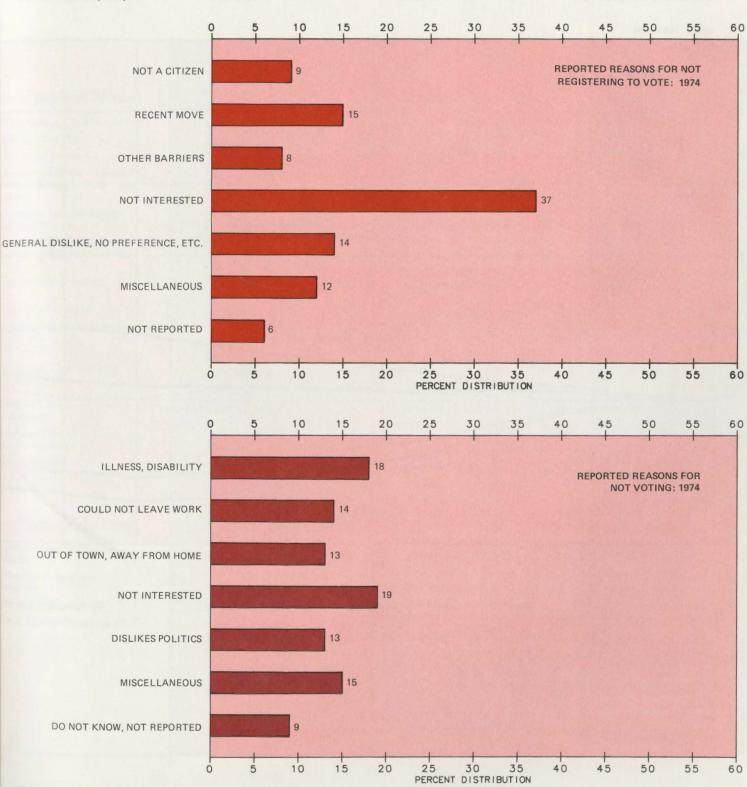
While the number of persons registering and voting in 1974 was particularly low, the reasons for not voting were substantially the same as in 1972.

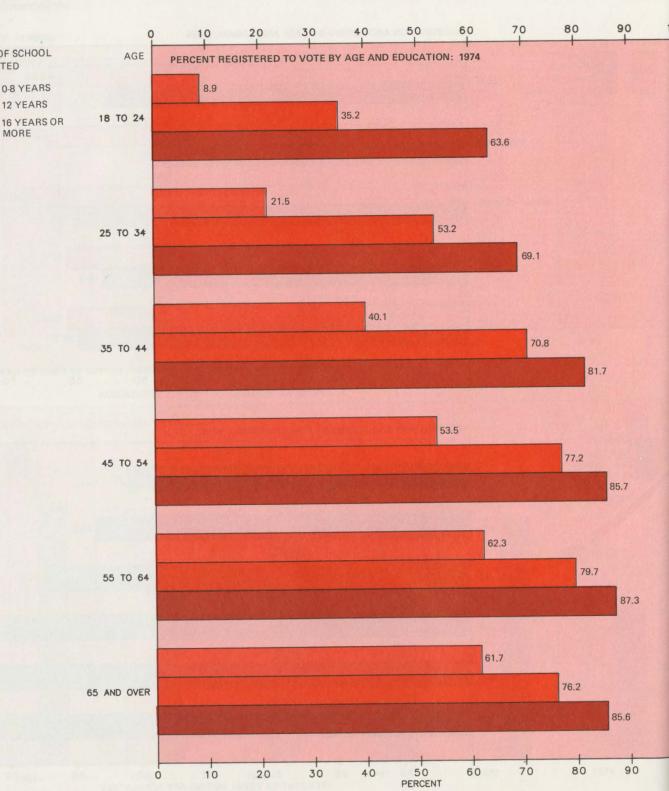
About 51 percent of nonregistrants gave reasons that reflected apathy or

possibly cynicism regarding politics. Another 15 percent cited reasons associated with a recent move.

Barriers to registration (including physical disability, no transportation, etc.) comprised another 8 percent.

About 9 percent were not citizens, and thus could not vote.





SOURCE BUREAU OF THE CENSUS

#### **Reported Reasons** for Not Voting

Among those who registered but did not vote, about 45 percent were reported as staying away from the polls for reasons essentially beyond their control: illness or physical disability, inability to take time off from work, or away on travel.

Another 32 percent of those registered persons who did not vote could be classed apathetic about politics or the particular election, having a general dislike of politics, no preference among the candidates, etc.

#### 62 TRANSPORTATION TRENDS

#### '74 Auto Use Drops; Passenger Miles For Air, Rail Up

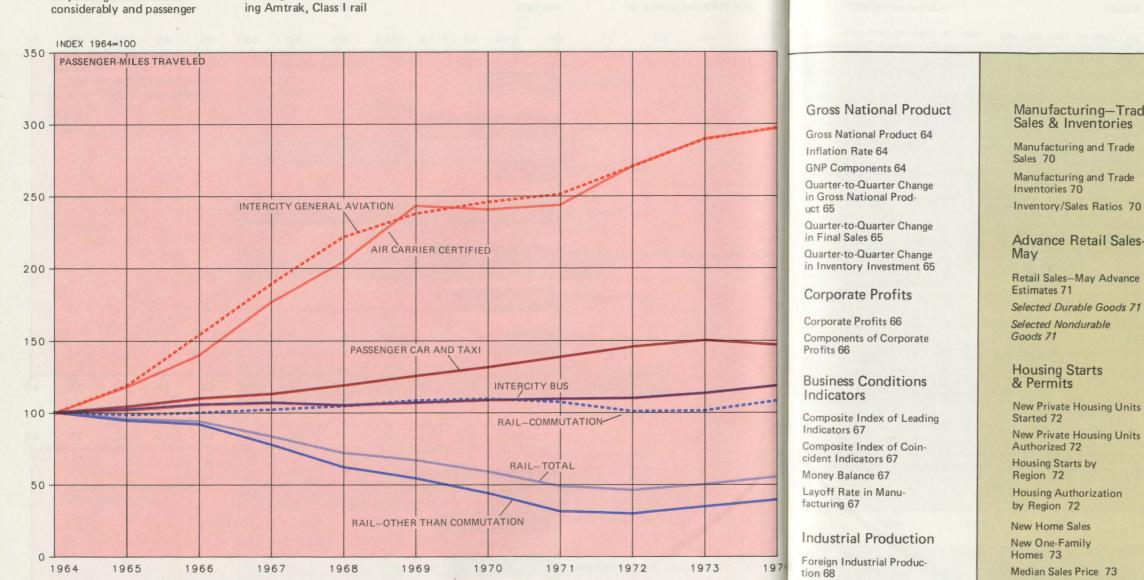
From 1964 through 1973 passenger car and taxi usage increased by 50 percent, while air passenger traffic increased almost three-fold. From 1973 to 1974, the growth rate of air passenger-miles slowed considerably and passenger

car and taxi volume actually declined. Class I rail passenger traffic declined about 50 percent between 1964 and 1972. Passenger traffic on Amtrak, established in May 1971, more than doubled over the first 4 years to total four-fifths the volume of all other Class I rail

passenger-miles. Not includ-

passenger-miles declined through 1973 and then increased slightly.

# economy



PASSENGER-MILES	1964	1974	1974
Air Carrier, Certified Domestic	Billio	on miles	Index (1964 =100)
Operations	45.0	133.7	297.1
General Aviation, Intercity	3.7	11.0	297.3
Highway-Passenger Car and Taxi	1,490.7	2,190.2	146.9
Highway-Intercity Bus	23.3	27.6	118.5
Class I Rail (Including Amtrak <sup>1</sup> ), Total	18.2	10.1	55.5
Commutation	4.2	4.5	107.1
Other Than Commutation	14.0	5.5	39,3

<sup>1</sup> Amtrak established May 1, 1971

Industrial Production Index 69 Industry Groupings 69 Major Market Groupings 69

#### Manufacturing-Trade Sales & Inventories

Manufacturing and Trade

Manufacturing and Trade

Advance Retail Sales-

Retail Sales-May Advance

Selected Nondurable

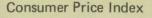
New Private Housing Units

Value of New Construction

Value of New Construction Work Done 74

**Private Residential** Construction 74 Private Nonresidential

**Construction 74** 



Consumer Prices: International Comparisons 75 Consumer Price Index, Total 76

Commodity and Service Groups 76

Expenditure Class: Food 76 Expenditure Class:

Housing 77 Expenditure Class: Health and Recreation 77

Expenditure Class: Transportation 77

Expenditure Class: Apparel and Upkeep 77

#### Wholesale Price Index

Wholesale Price Index, All Commodities Total 78 Wholesale Price Percent Change 78 Farm Products 78 Processed Foods and Feeds 78 Industrial Commodities 78

#### **Agricultural Prices**

Agricultural Prices 79 Ratio of Prices Received to Prices Paid 79 Selected Prices Received 79 Selected Prices Paid 79

#### Productivity & Costs

Productivity and Costs, Total Private Economy 80 Productivity and Costs, Manufacturing 80

Output and Hours Worked, Total Private Economy 80

#### Exports & Imports

Merchandise Trade Balance 81 Exports 81 Imports 81

#### **Federal Government Receipts &** Expenditures

Federal Government Expenditures 82 Federal Government Receipts 82 Federal Government Deficit 82

#### Money Supply Measures

Money Supply Measures 83 M1 Percent Change 83 M2 Percent Change 83 M3 Percent Change 83 M5 Percent Change 83

#### **Consumer Installment** Credit

**Consumer Installment** Credit 84

Type of Consumer Installment Credit 84

Holder of Consumer Installment Credit 84

#### **Real GNP Grows at** 8.5% Rate

In the first quarter of 1976, Gross National Product-the market value of the Nation's total output of goods and servicesincreased \$46.3 billion or 12.3 percent compared with a gain of \$44.4 billion in the previous quarter. Real output (GNP adjusted

for price changes) advanced 8.5 percent, to a new high of \$1,241.2 billion, slightly above the previous peak of \$1,240.9 billion in the fourth quarter of 1973.

Prices, as measured by the GNP chain price indexthe most comprehensive price index available-rose at a 3.9-percent rate, the lowest inflation rate since the third quarter of 1972.

#### **Personal Consumption** Spending Remains Strong; **Investment** Increases

In constant 1972 dollars, personal consumption expenditures, which comprise nearly two-thirds of real GNP, rose \$15.1 billion to a new high of \$794.5 billion.

Government purchases were unchanged at \$261.7 billion.

BILLIONS OF 1972 DOLLARS

-50

1971

1972

1973

Gross private domestic investment increased \$16.7 billion. Investment in inventories increased sharply after holding steady in the fourth quarter. Private fixed investment rose at a 12.3-percent rate.

Net exports of goods and services fell \$7 billion to \$16.8 billion, the lowest level since the third quarter of 1974.

**GROSS NATIONAL PRODUCT** 

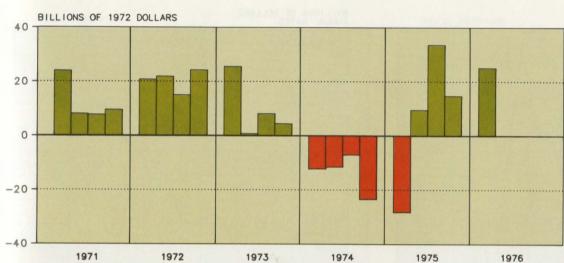
#### **Final Sales Increase** Moderately: Inventory **Investment Up Sharply**

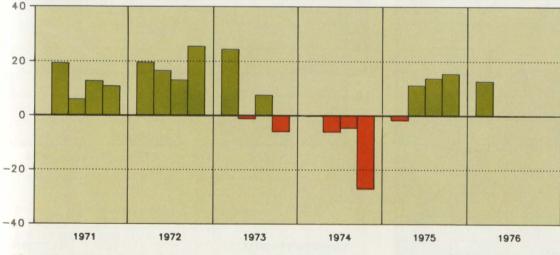
The \$25 billion increase in real GNP in the first quarter was the second largest in the past 3 years.

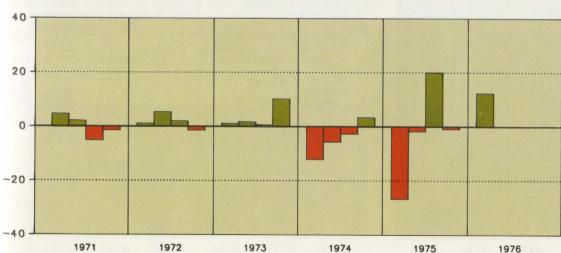
About half of the growth, \$12.3 billion, came from increased investment in inventories.

SOURCE BUREAU OF ECONOMIC ANALYSIS

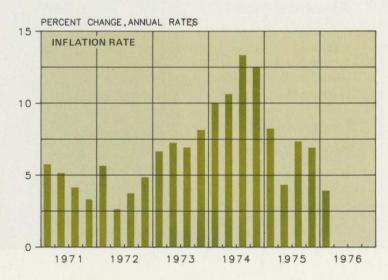
Real final sales-the portion of GNP sold to ultimate users-continued to advance at a moderate rate, increasing \$12.7 billion, or 4.2 percent, compared with a 5.2-percent increase in the last quarter of 1975.

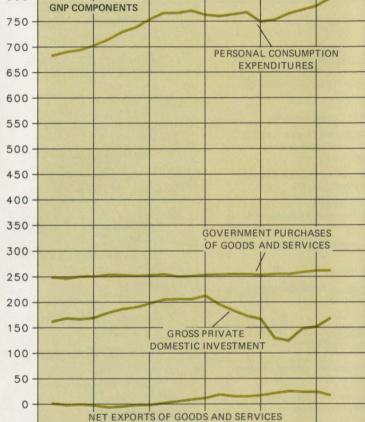












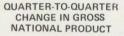
GROSS NATIONAL PRODUCT	1st QTR. 1975	4th QTR. 1975	1st QTR. 1976
	Bi	llions of D	ollars
Current Dollars	1,433.6	1,572.9	1,619.2
Constant 1972 Dollars	1,158.6	1,216.2	1,241.2
Personal Consumption Expenditures Government Purchases of Goods	752.3	779.4	794.5
and Services	255.1	261.6	261.7
Gross Private Domestic Investment	129.7	151.4	168.1
Net Exports of Goods and Services	21.5	23.8	16.8
	Percent Ch	ange, Ann	ual Rates
Inflation Rate (Chain Price Index)	8.2	6.9	3.9

1974

1975

1976

SOURCE BUREAU OF ECONOMIC ANALYSIS



QUARTER-TO-QUARTER CHANGE IN FINAL SALES

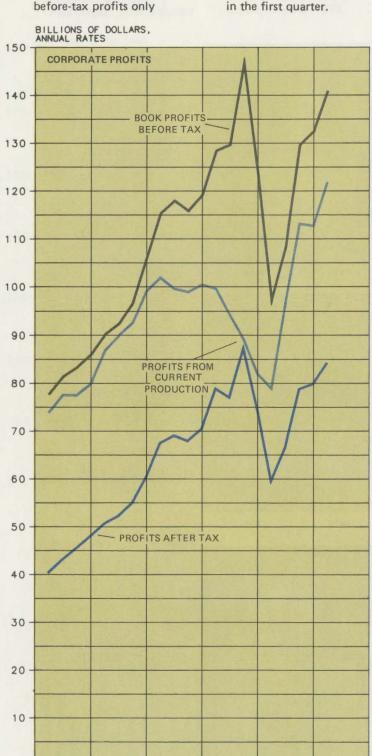
QUARTER-TO-QUARTER CHANGE IN INVENTORY INVESTMENT

1976

#### 66 CORPORATE PROFITS

#### **Profits from Current Production Rise to New** High of \$121.8 Billion

In the first quarter of 1976, book profits before taxes rose \$8.4 billion to a seasonally adjusted annual rate of \$140.8 billion (preliminary estimate). This marks the fourth straight increase bringing before-tax profits only



0

1971

1972

SOURCE BUREAU OF ECONOMIC ANALYSIS

1973

1974

1975

1976

#### **Components** of **Corporate Profits**

4 percent below the 1974

high of \$146.7 billion.

Following a slight

fourth quarter decline.

profits from current pro-

duction-which exclude

inventory profits-climbed

\$9.1 billion to a new high

of \$121.8 billion. This is

54 percent above a year ago.

\$4.4 billion to \$84.3 billion

After-tax profits rose

Corporate profits tax liability amounted to \$56.5 billion, a 7.6-percent increase from the last quarter of 1975. This represents approximately 40 percent of before-tax profits.

in the previous quarter,

80

70

60

50

40

30

20

10

1971

CORPORATE PROFITS

PROFITS AFTER TAX

Undistributed Profits

TAX LIABILITY

Dividends

BOOK PROFITS BEFORE TAX

Profits From Current Production (Excluding Inventory Profits)

1972.

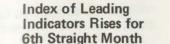
1973

dividend payments increased 0.6 percent to \$33.3 billion, First quarter undistri-

buted (retained) profits rose 9 percent, or \$4.2

TAX LIABILITY -

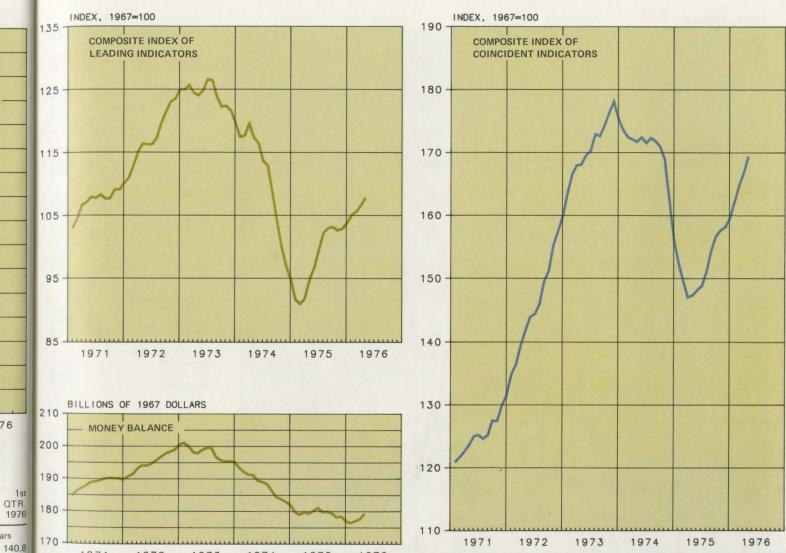
billion. Undistributed profits were valued at \$51 billion, an increase of 85 percent from the year-ago low of \$27.5 billion.

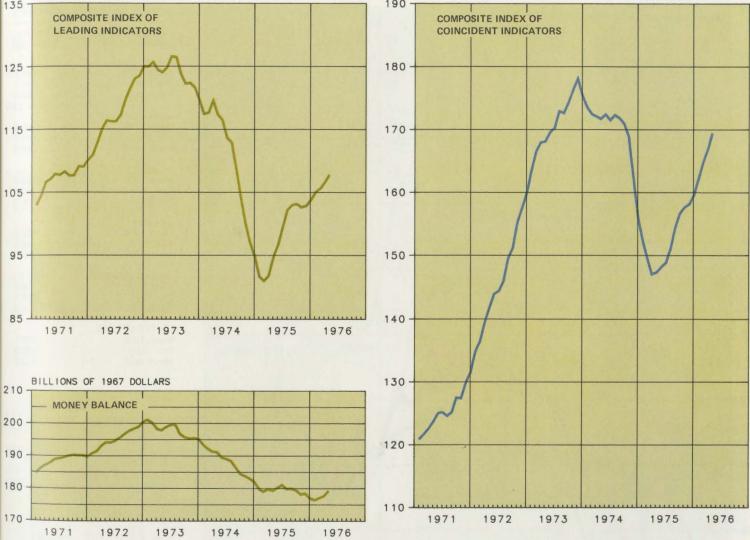


**BUSINESS CONDITIONS INDICATORS** 

On the basis of preliminary data, the Composite Index of Leading Indicators (an indication of future business activity) rose 1.1 percent in April and now stands at 107.8. With more complete data available. the March index, which had originally shown a decline was revised to 106.6 or 0.9 percent above February.

In April, six of ten available indicators increased from March while four declined. An increase in the money balance (1967 dollars) contributed most to the increase. A deterioration in the layoff rate had the largest negative impact on the index.







After declining slightly BILLIONS OF DOLLARS, ANNUAL RATES

COMPONENTS OF CORPORATE PROFITS

- UNDISTRIBUTED PROFITS -

DIVIDENDS

1974

1975

1st

QTR.

1975

97.1

78.9

59.6

32.1

27.5

37.5

1976

QTR

121.8

4th

QTR.

1975

**Billions of Dollars** 

132.4

112.7

79.9

33.1

46.8

52.5

The composite index of coincident indicators, a measure of current economic activity, rose 1.6 percent in April to 169.5. The April rise is the 13th consecutive monthly increase. The index includes comprehensive series on production, employment, real income, and real sales which represent measures of aggregate economic activity.

BUSINESS CONDITIONS NDICATORS	APRIL 1975	MARCH 1976	APRIL 1976
COMPOSITE INDEX OF LEADING			
INDICATORS (1967=100)	94.6	106.6	107.8
Aoney Balance (Billions of 1967 Dollars)	179.5	177.8	179,4
ayoff Rate in Manufacturing (Percent)	2.6%	1.2%	1.3%
COMPOSITE INDEX OF COINCIDENT			
INDICATORS (1967=100)	147.5	166.8	169.5

#### 68 INDUSTRIAL PRODUCTION

#### **Industrialized Nations Reported Recovery in** Industrial Output

Statistics from selected nations around the world indicate that recovery in industrial production is underway following a general worldwide economic slump. Here is a roundup: JAPAN: Industrial pro-

duction rose sharply for

INDEX, 1967=100

July 1975 low, and is only 5.1 percent below the December 1973 high

a further 2.8 percent in March, Since the 3-year low last March, output has increased 15.5 percent. WEST GERMANY: Reversing February's gain, industrial output fell 3.3 percent in March. Output has expanded 11.3 percent since the

the fourth month, advancing

FRANCE: Production advanced 2 percent in March to 151, the highest level since October 1974.

CANADA: Industrial production rose 0.7 percent to 145 in March. Since the low of last October, production has increased 5.1 percent, recovering over half the decline from the March 1974 high of 150.

UNITED KINGDOM: Indus. trial output was unchanged in March at 114. This is only 2.7 percent above the December low of 111. UNITED STATES: Production continued to rise in May for a total gain of 12.1 percent from the April 1975 low.



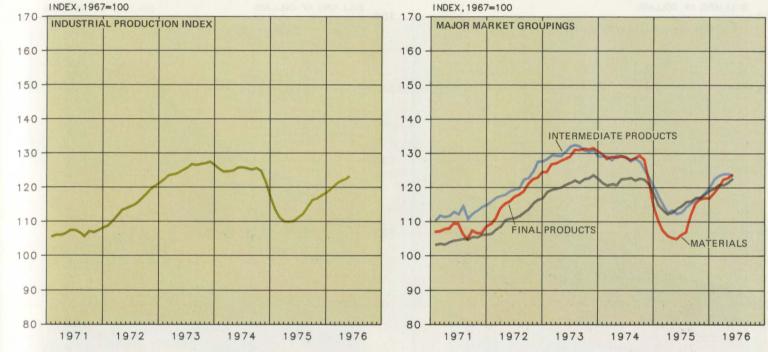
#### INDUSTRIAL PRODUCTION

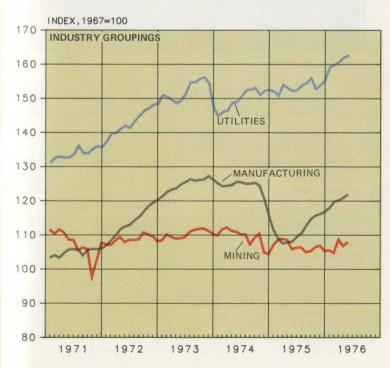
#### Industrial Production **Continues Year-Long** Advance in May

The industrial production index continued its advance in May. Reflecting generally widespread gains, the total index increased an estimated 0.7 percent to 123.2. This follows a 0.5percent increase in April and an average monthly

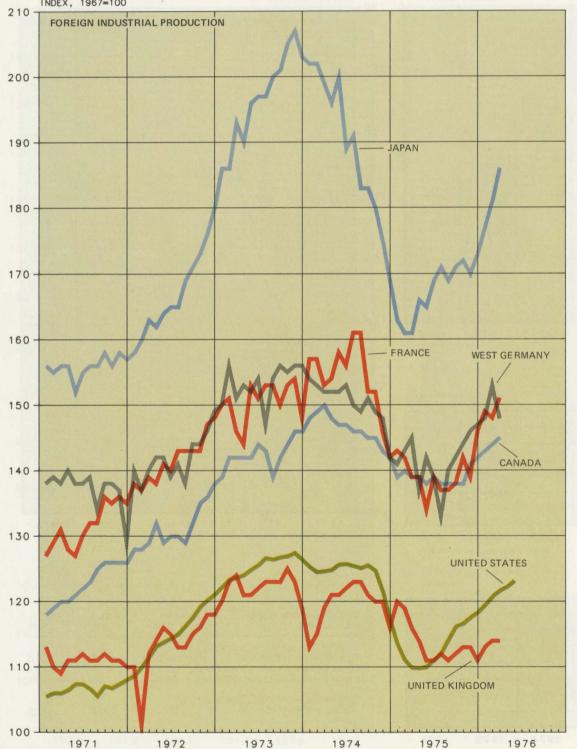
gain of 0.9 percent in the first guarter of 1976. The increases in April and May were held down somewhat by the strike in the rubber industry. The May index is 3.4 percent below the November 1973 high.

Manufacturing production increased 0.7 percent, about the same as reported in April. The May index of 122.0 is 13.3 percent above





SOURCE BOARD OF GOVERNORS OF THE FEDERAL RESERVE



SOURCE BOARD OF GOVERNORS OF THE FEDERAL RESERVE BOARD AND SELECTED FOREIGN COUNTRY STATISTICAL OFFICES

the March 1975 low. Mining rose 1 percent to 107.9 recovered somewhat from the 1.7-percent decline posted in April. Utilities reached another new high in May, rising a further 0.4 percent to 162.7.

Products rose more than in April, reflecting a larger gain in final products. The final products index increased a further

1 percent to 122.6, almost matching the November 1973 peak. Intermediate products declined 0.5 percent, the first decrease since last May. Materials rose 0.9 percent, compared to 0.4 percent in April. Materials output has advanced 18 percent since the May 1975 low, but remains almost 6 percent below the November 1973 peak.

INDUSTRIAL PRODUCTION	MAY 1975	APRIL 1976	MAY 1976
	1375	1970	1970
		(Index, 1967=10	0)
TOTAL	110.1	122.3	123.2
Industry			
UTILITIES	152.3	162.1	162.7
MANUFACTURING	108.2	121.1	122.0
MINING	105.9	106.8	107.9
Major Market Groupings			
PRODUCTS, TOTAL	113.4	122.0	122.8
Final Products	113.7	121.4	122.6
Intermediate Products	112.4	124.1	123.5
MATERIALS	104.9	122.7	123.8

# 70 MANUFACTURING-TRADE SALES & INVENTORIES

#### Sales, Inventories Continue '76 Advance

Continuing a 5-month advance, total manufacturing and trade sales rose \$1.4 billion (0.7 percent) in April. More than three-fourths of the April gain was accounted for by a \$1.1 billion rise in manufacturing sales.

BILLIONS OF DOLLARS 300 300 MANUFACTURING AND TRADE SALES 250 200 TOTAL, MANUFACTURING AND TRADE 150 RETAIL 100 50 MANUFACTURING 1976 1975 1972 1973 1974 1971 RATIO 2.2 INVENTORY/SALES RATIOS 2.0 1.8 MANUFACTURING 1.6 TOTAL An 1.4 RETAIL 1.2

WHOLESAL 1.0 1976 1972 1973 1974 1975 1971 SOURCE BUREAU OF ECONOMIC ANALYSIS

Sales for the first 4 months of 1976 were valued at \$733.7 billion, about 13 percent above the comparable 1975 period.

Total manufacturing and trade inventories increased \$894 million, or 0.3 percent in April, slightly more than half the \$1.66 billion gain reported in March. Inventories rose \$69 million in manufacturing, \$563 million in retail trade, and \$262 million in wholesale trade.

Inventories have grown for four consecutive months, gaining a total of 2.2 percent since last December.

BILLIONS OF DOLLARS

The total stock-to-sales ratio was unchanged at 1.45. The manufacturing ratio continued to decline as increases in sales continued

to outpace inventory accumulation. The retail ratio however, rose for the first time since January, reflecting a halt in sales gains.

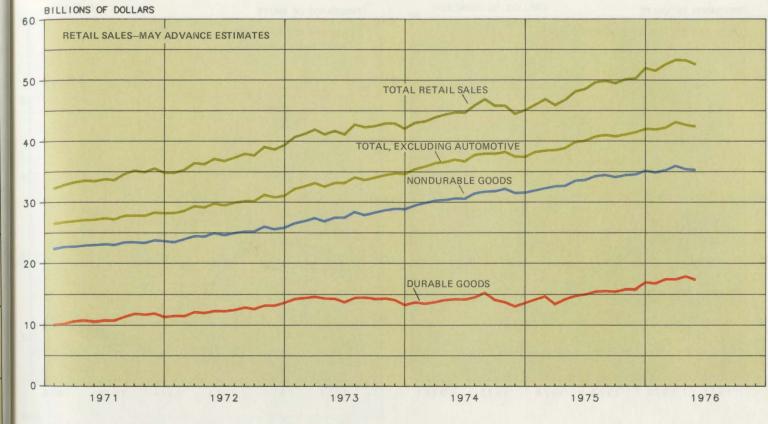
#### ADVANCE RETAIL SALES-MAY

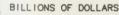
#### May Retail Sales Fall \$0.7 Billion

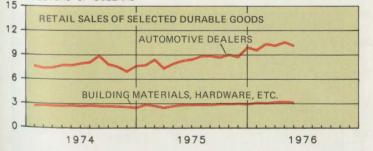
Advance data for May indicate that total retail sales declined \$656 million (1.2 percent) in May, the first measurable decline in 4 months. May sales were valued at \$52.6 billion, a 9.2 percent increase from a year earlier.

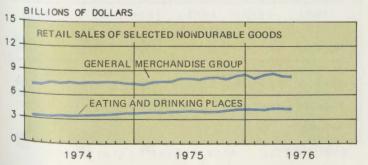
Halting a 3-month advance, sales of durable goods fell \$530 million (3.0 percent) to \$17.3 billion. Although May sales were the lowest since January, they were 18 percent above a year ago.

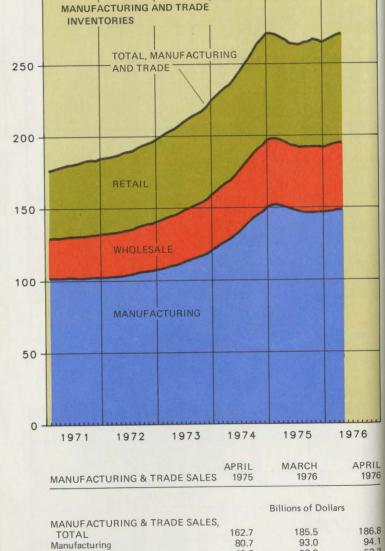
Sales of automotive dealers fell \$414 million. accounting for about threefourths of the durable goods decline. Despite the May drop, auto sales are more











MANUFACTURING & TRADE SALES,		105 5	100
TOTAL	162.7	185.5	186
Manufacturing	80.7	93.0	94
Retail Trade	46.8	53.3	53
Wholesale Trade	35.2	39.1	39
MANUFACTURING & TRADE			
INVENTORIES, TOTAL	267.0	269.6	270
Manufacturing	150.2	148.2	148
Retail Trade	71.5	75.1	75
Wholesale Trade	45.3	46.4	46
INVENTORIES-TO-SALES RATIOS		Ratio	
MANUFACTURING & TRADE, TOTAL	1.64	1.45	1.4
Manufacturing	1.86	1.59	1.5
Retail Trade	1.53	1.41	1.4
Wholesale Trade	1.29	1.19	1.1

SOURCE BUREAU OF THE CENSUS

than 20 percent above last year. Sales of building materials, hardware, and farm equipment dealers were down \$108 million (3.3 percent) from the April high of \$3.25 billion.

Nondurable sales, which fell \$515 million in April, declined a further \$126 million in May, and were 1.8 percent below the March high. At \$35.3 billion,

nondurable goods sales were 5.5 percent above May a vear ago.

The decline in nondurable sales was generally widespread. Sales of eating and drinking places decreased \$50 million; general merchandise stores declined \$55 million.

RETAIL SALES-MAY ADVANCE	MAY 1975	APRIL 1976	MAY 1976
		Billions of Dollars	
RETAIL SALES, TOTAL	48.17	53.30	52.64
Sales Excluding Automotive			
Dealers Group, Total	39.91	42.74	42.49
Durable Goods	14.70	17.87	17.34
Automotive Dealers, Total	8.26	10.56	10.15
Building Materials, Hardware,			
Farm Equipment Dealers, Total	2.84	3.25	3.14
Nondurable Goods	33.47	35.43	35.30
General Merchandise Group, Total	7.98	8.30	8.24
Eating and Drinking Places	3.94	4.30	4.25

#### 72 HOUSING STARTS & PERMITS

#### Housing Starts Rise 2.4% in May After 2-Month Drop

Privately-owned housing units were started in May at a seasonally adjusted annual rate of 1,415,000, a 2.4-percent increase from the revised April rate. Units in multifamily structures, up 40,000 units, were responsible for the overall increase. Starts of single-family units have declined 238,000 since February's 3-year peak rate of 1,295,000 starts. Regionally, the West showed the largest increase, 9.6 percent (31,000 units), followed closely by the North Central which increased 26,000 units. The Northeast and South declined moderately.

#### Housing Permits Rise To Highest Level In 2 Years

Privately-owned housing construction was authorized in May at a seasonally adjusted annual rate of 1,158,000 units in the 14,000 permit-issuing places. This is 5.8 percent above the revised April rate of 1,095,000. May's increase was paced by a 55,000 increase in multifamily units. Over the past year, total authorizations have increased by 246,000 units.

All regions increased, with the South (up 26,000 units) and the North Central (up 19,000 units) responsible for 60 percent of the May rise.

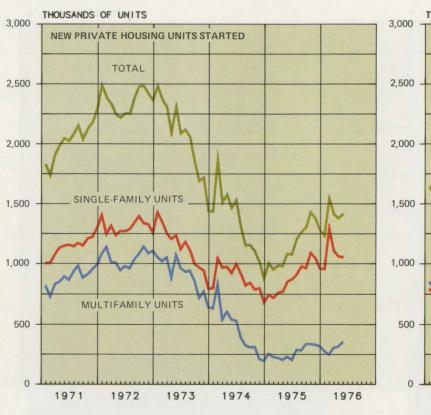
#### **NEW HOME SALES**

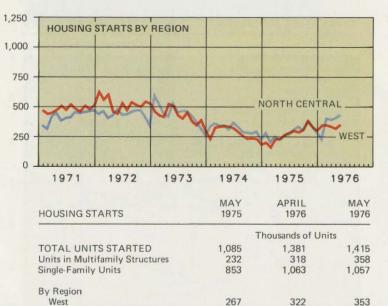
#### New Home Sales Rise 5% in April

The number of new onefamily homes sold in April rose 5 percent to an annual rate of 613,000 units, about 9 percent below February's 3-year peak rate of 677,000 homes.

The inventory of new one-family homes available for sale continued to

expand in April-up 1 percent to 393,000 units-the highest level since March 1975.

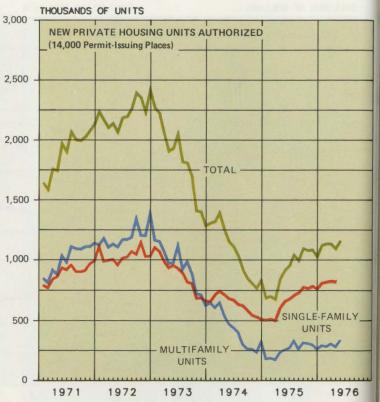


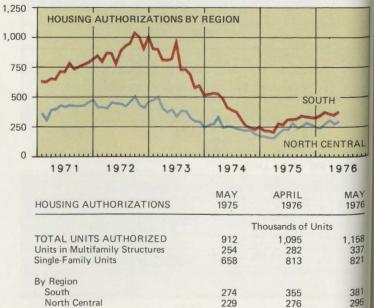


262

409

435







North Central

#### Median Price of New Homes Rises to Record High

The median sales price for all new one-family homes sold during April reached another new high of \$44,100.

This is the seventh time in the last 8 months that the median price has eclipsed the previous high. The median sales

THOUSANDS OF DOLLARS

MEDIAN SALES PRICE

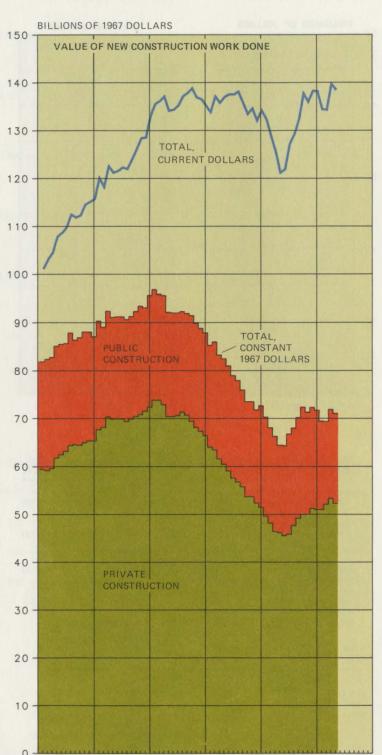
SALES OF NEW ONE-FAMILY APRIL MARCH APRIL HOMES 1975 1976 1976 Number Homes Sold During Month Annual Rate, Total 556,000 583,000 613,000 Homes for Sale at End of Month Monthly rate, Total 388,000 389,000 393,000 Dollars Median Sales Price 39,200 43,600 44,100

price of \$44,100 means that about half of all homes sold were priced above this level and half were sold at prices below this level

#### 74 VALUE OF NEW CONSTRUCTION

#### **New Construction** Activity Down; Private **Construction Drops**

In April, the value of new construction work done (in current dollars) declined 0.9 percent to an annual rate of \$138.3 billion. In real terms (expressed in constant 1967 dollars) new construction declined 1.1 percent to \$71 billion



#### after a 3.6-percent rise in Industrial and March. The dip in construc-**Commercial Construction** tion activity was due to a **Declines Sharply** 1.9-percent drop in private construction. Public con-

struction activity rose

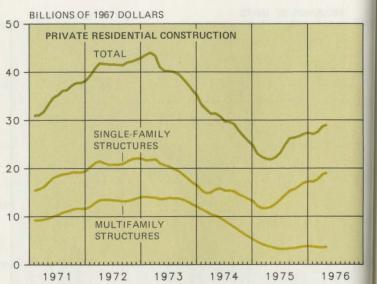
billion.

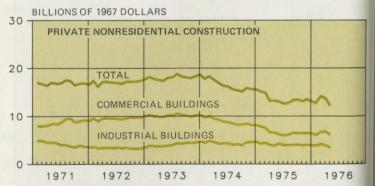
slightly further to \$18.8

The April decline reflected sharply reduced construction activity on nonresidential buildings; new construction work decreased 10.3 percent to \$12.2 billion (constant 1967 dollars). This is the sharpest monthly decline since March 1975 and the

lowest level of activity since August 1960. Construction of commerical buildings dropped 9 percent while industrial construction fell 10.5 percent from March.

Private residential construction continued to increase. New construction on single-family and multifamily buildings rose 1.6 and 2.9 percent, respectively.





VALUE OF NEW CONSTRUCTION	APRIL 1975	MARCH 1976	APRIL 1976
	-	Billions of Dollars	
CURRENT DOLLARS, TOTAL	121.0	139.5	138.3
CONSTANT 1967 DOLLARS, TOTAL	64.5	71.8	71.0
Private Construction	46.2	53.3	52.3
Residential Buildings	21.8	28.5	28.9
Single-Family Structures	11.9	18.6	18.9
Multifamily Structures	3.6	3.5	3.6
Nonresidential Buildings	13.2	13.6	12.2
Commercial	6.5	6.7	6.1
Industrial	3.8	3.8	3.4
Public Construction	18.3	18.6	18.8

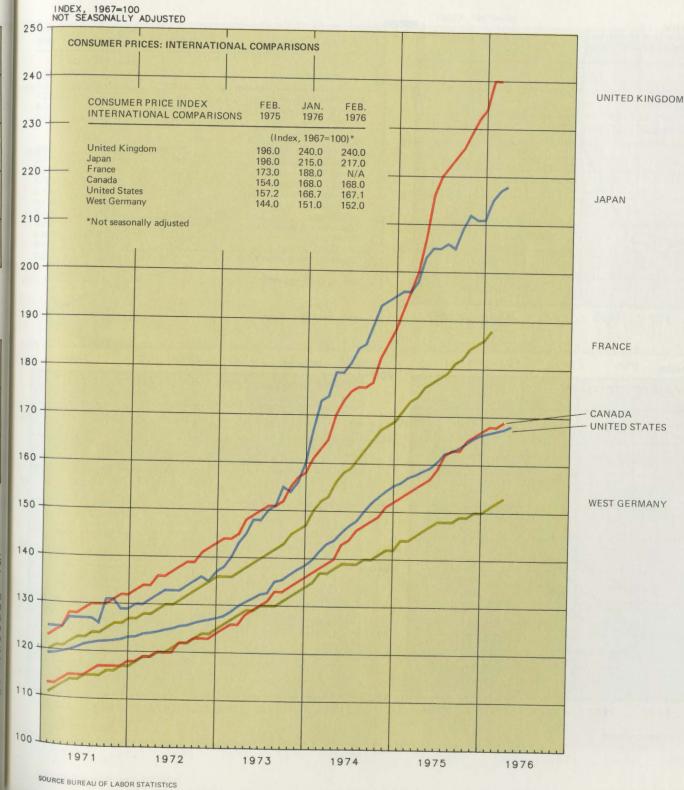
## CONSUMER PRICE INDEX:

UNITED KINGDOM: After a steep 2.6-percent rise in January, the largest since last May, the aggregate index of consumer prices was unchanged in February. This follows a 17-month advance totaling 36.4 percent. JAPAN: Consumer prices

rose 0.9 percent in February, about half the 1.9percent rise reported in

January. March data indicate a further slowing as prices rose only 0.5 percent to 218.

FRANCE: A 1-percent increase was reported in January, the latest month for which data are available. In 1975, the index increased 11 percent, compared to a 14-percent gain in 1974.



1972

1973

1974

1975

1976

1971

CANADA: Prices were unchanged in February, but rose a further 0.6 percent in March. The Canadian CPI, historically slightly below the U.S. level, rose above the U.S. last October.

UNITED STATES: In February, consumer prices rose only 0.2 percent. Further increases of 0.2 percent and 0.4 percent were reported for March and April.

WEST GERMANY: The rise in consumer prices has been relatively milder than in other industrial nations. In 1975, a 6-percent rise was reported, compared with increases of about 7 percent in 1973 and 1974.

UNITED STATES

WEST GERMANY

#### 76 CONSUMER PRICE INDEX

#### Food Prices Lead 0.4% **Rise in April CPI**

The Consumer Price Indexwhich measures the average change in prices of goods and services usually bought by urban wage earners and clerical workers-rose 0.4 percent in April, compared with a 0.2-percent increase in March. Since April 1975, the CPI has advanced 6.1

percent, the smallest overthe-year gain since July 1973.

Food prices, which rose for the first time this year, were chiefly responsible for the larger April gain while a slower rise in prices of services limited the overall increase.

The commodities index rose 0.4 percent, the first increase in 3 months.

Commodities excluding food rose 0.3 percent, maintaining the moderate pace exhibited since last September.

The services index rose 0.5 percent, less than in recent months, reflecting smaller increases in many types of services.

#### **CPI Expenditure Class:** Food

The food index rose 0.6 percent in April following a 3-month decline totaling 2 percent. A sharp 2.3percent increase in prices for fruits and vegetables was a major factor.

### CONSUMER PRICE INDEX

Reflecting a slower rise

rates, housing costs rose

0.2 percent, half the rise

reported in March. Gas

and electricity rates rose

only 0.2 percent in April,

following increases of 1.1

percent in both February

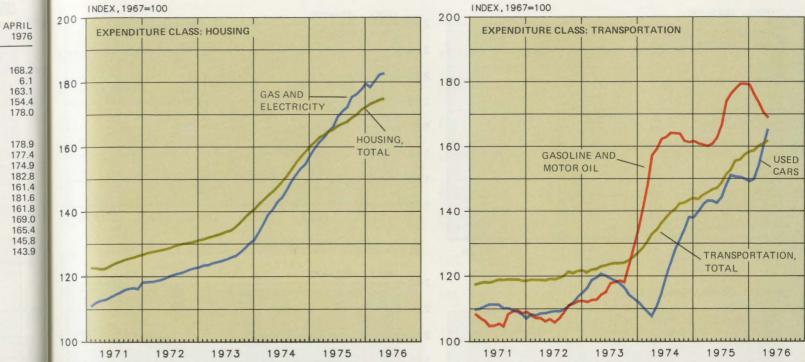
in gas and electricity

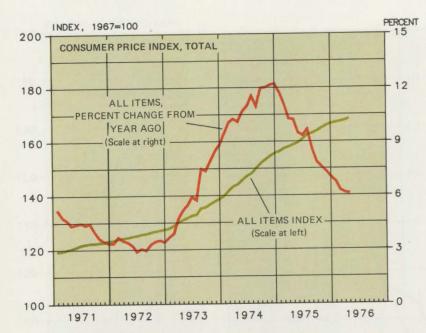
Housing

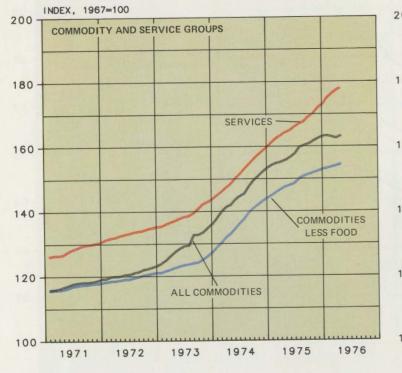
and March.

#### Health and Recreation

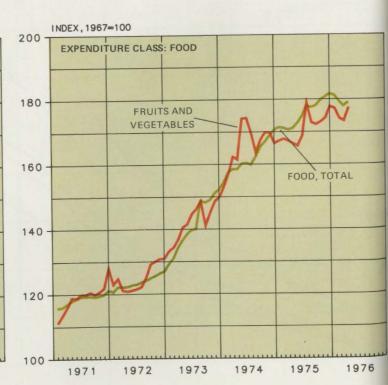
The health and recreation index rose 0.5 percent compared to a 0.6-percent rise in March. The medical care index rose 0.6 percent following gains of 1.2 percent and 1.0 percent in February and March. The slower rise refelcts smaller increases in physicians' and dentists' fees and hospital care.

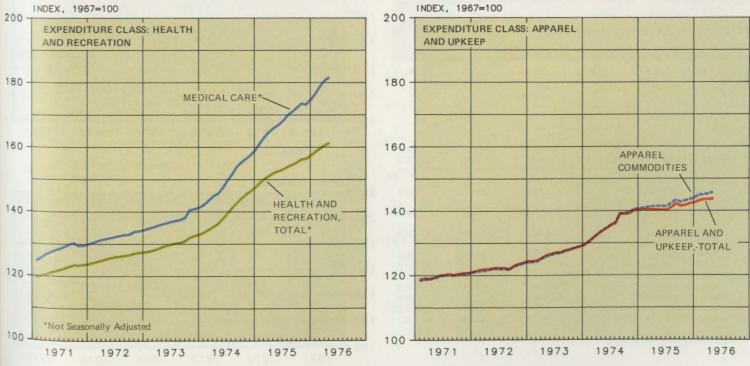






SOURCE BUREAU OF LABOR STATISTICS





SOURCE BUREAU OF LABOR STATISTICS

APRIL MARCH 1976 1975 CONSUMER PRICE INDEX Index, 1967=100 167.5 158.6 ALL ITEMS, TOTAL\* 10.2 6.2 Percent Change From Year Ago 162.4 All Commodities, Total 155.6 147.4 153.9 Commodities Less Food 177.2 164.3 BY EXPENDITURE CLASS 177.9 171.0 Food, Total 166.4 173.4 Fruits and Vegetables 164.7 174.5 Housing, Total\* 164.8 182.4 Gas and Electricity 160.6 152.1 165.8 Health and Recreation, Total\* 180.6 Medical Care\* 160.8 146.6 Transportation 170.6 Gasoline and Motor Oil 160.9 143.3 159.9

141.4

140.4

145.4

143.6

**Apparel Commodities** \*Not seasonally adjusted

Apparel and Upkeep, Total

Used Cars

Services

#### Transportation

Transportation costs rose more in April-0.6 percent -compared with 0.4 percent in March, Used car prices, which have accelerated in the last 3 months, rose a further 3.4 percent. Gasoline and motor oil declined 0.9 percent, not as sharply as in the previous 3 months.

#### Apparel and Upkeep

Apparel and upkeep increased 0.3 percent, the same as in March. The cost of apparel commodities, reflecting increases in footwear and women's and girls' apparel, rose 0.2 percent after remaining unchanged in March.

#### 78 WHOLESALE PRICE INDEX

#### Slower Rise in May Wholesale Prices

The wholesale price index for all commodities rose a seasonally-adjusted 0.3 percent in May. This compares to an 0.8-percent increase in April and almost no change over the October to March period.

In the latest 3-month period, March to May,

wholesale prices have increased at an annual rate of 5.5 percent. This was the largest rise since the 3 months ended last December.

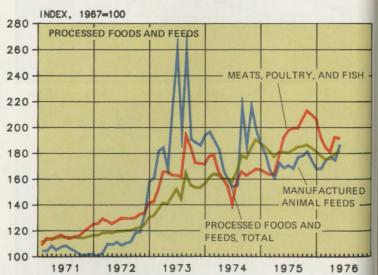
The unadjusted May index stood at 181.8, an increase of 5 percent since May 1975.

By Commodity Classification (Seasonally adjusted changes), the farm products index

increased 0.6 percent in May compared to a 4.2-percent rise in April. Reflected in the slower rise was an 8.3-percent drop in prices for fresh and dried fruits and vegetables. Processed foods and feeds rose 1.3 percent following a 1.9 percent gain in April. Meats, poultry, and fish declined 0.4 percent, reflecting a drop in beef and veal prices. Manufactured animal feeds rose 6.7 percent to a 17-month high.

The industrial commodities index edged up 0.1 percent continuing the 1976 pattern of smaller gains. The largest increase was posted in prices of hides, skins, and leather products (3.4 percent). Lumber and wood products fell 1.1 percent.





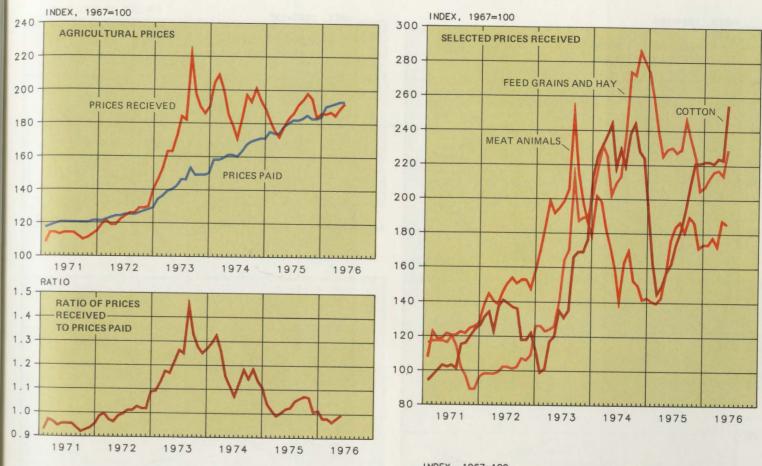


#### AGRICULTURAL PRICES

#### Prices Paid to Farmers Up 1.6% in May; Farm Costs are Unchanged

During the month ended May 15, the index of prices received by farmers for all farm products increased 3 points (1.6 percent) to 192, the highest level since last October. Prices paid by farmers (for commodities and services, interest, taxes and farm wage rates) were unchanged from the April high of 193.

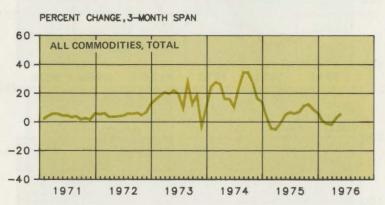
The ratio of prices received to prices paid rose to 0.99, highest since last December.



240

RICULTURAL PRICES	MAY 15, 1975	APRIL 15, 1976	MAY 15, 1976
		Index, 1967=1	100
ICES RECEIVED BY FARMERS	183	189	192
d Grains and Hay	230	214	229
ton	162	223	255
at Animals	176	188	186
CES PAID BY FAMERS	180	193	193
nily Living Items	164	174	174
duction Items	183	197	196
eeder Livestock	138	174	168
eed	185	183	187
io of Prices Received to			
ices Paid	1.02	0.98	0.99





173.2	181.3	181.8
173.2	181.3	181.8
100000		
4.5	2.5	5.5
186.0	193.8	194.9
172.3		168.4
181.0	179.3	181.6
191.9	192.3	191.4
168.7	174.6	186.3
169.5	179.5	179.6
176.0	196.7	194.5
147.3	163.6	169.1
	186.0 172.3 181.0 191.9 168.7 169.5 176.0	186.0         193.8           172.3         183.6           181.0         179.3           191.9         192.3           168.7         174.6           169.5         179.5           176.0         196.7

\*Not Seasonally Adjusted

SOURCE BUREAU OF LABOR STATISTICS

SOURCE DEPARTMENT OF AGRICULTURE

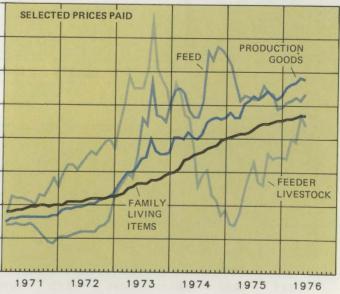
#### Corn, Cotton Prices Higher; Beef Lower

Feed grains and hay rose 7 percent to 229; corn increased 15 cents per bushel to \$2.61. The cotton index increased 14 percent; upland cotton averaged a new high of 57.3 cents per lb. Lower beef cattle prices dropped the meat animals index to 186.

#### Feed Costs Increase; Feeder Livestock Dips

Prices paid for family living items were unchanged. Production goods declined 1 point to 196; feed prices rose 2 percent to 187, but were more than offset by a 3-percent decline in prices paid for feeder livestock.

INDEX, 1967=100



#### **Productivity Rises in Private Sector to Record High Level**

increase reflected a 7.9-

worked.

worker-hour.

percent gain in output and

a 3.2-percent rise in hours

Unit labor costs rose

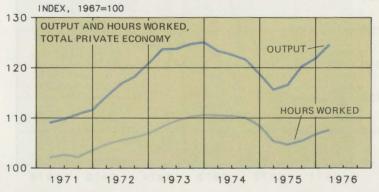
3.7 percent as the produc-

tivity increase blunted the

effects of an 8.5-percent

rise in compensation per

In the first quarter of 1976, productivity (output per worker-hour) in the total private economy rose at an annual rate of 4.6 percent. This boosted labor productivity to the highest level since the series began in 1947. The



#### **Productivity Rise in Manufacturing Slows**

The rise in manufacturing productivity slowed to an annual rate of 1.4 percent from 5.4 percent in the previous quarter. Unit labor costs rose 7.3 percent compared to a 0.7-percent increase in the fourth guarter of 1975. The unit labor cost increase

PRODUCTIVITY AND COSTS,

1972

PRODUCTIVITY & COSTS

TOTAL PRIVATE ECONOMY

Compensation per Worker-Hour

Compensation per Worker-Hour

Output per Worker-Hour

Output

Hours Worked

MANUFACTURING

Output per Worker-Hour

Unit Labor Costs

Unit Labor Costs

1971

1973

1974

COMPENSATION PER WORKER-HOUR

MANUFACTURING

INDEX, 1967=100

was the result of an 8.8percent increase in compensation per worker-hour, which was only partially offset by the 1.4-percent productivity increase.

UNIT LABOR COSTS

OUTPUT PER WORKER-HOUR

1976

1976

124.1

107.5

164.1

160.8

4TH

QTR

1975

Index, 1967=100

114.2

121.8

106.6

162.6

185.7

115.2 158.0

182.0

1975

1ST

QTR

1975

109.8

115.6

105.3

160.9

176.6

110.2

157.2

173.2

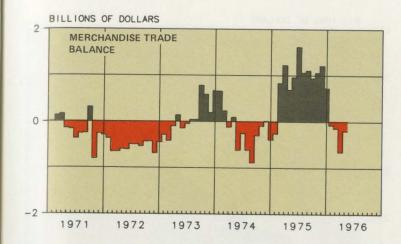
## **EXPORTS & IMPORTS**

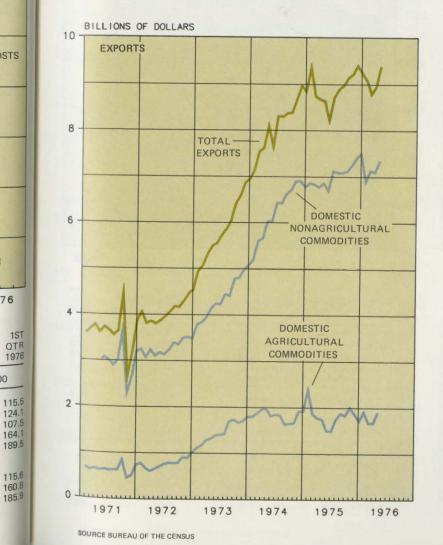
#### **Exports Rise for Second** Month; Trade Gap Narrows

In April, total exports rose to the highest level since last November while imports edged down slightly. This resulted in a narrowing of the trade deficit to \$202 million. It was the fourth foreign trade deficit in a row for a total short-

fall of \$1.07 billion in the first 4 months of 1976.

Total exports were valued at \$9.4 billion, an increase of \$438 million (5 percent) since March. Nonagricultural exports rose \$249 million to \$7.3 billion led by increased exports of motor vehicles, aircraft, and coal. Agricultural exports rose \$230 million





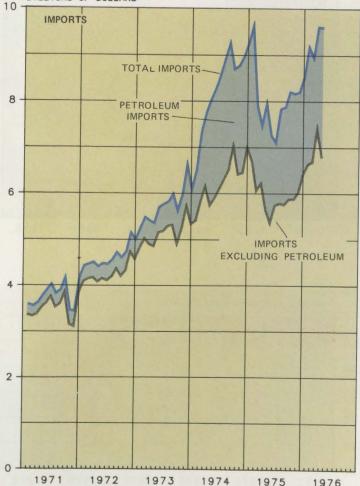
SOURCE BUREAU OF LABOR STATISTICS

to \$1.9 billion. More than half of this increase was attributable to a \$153 million rise in corn exports.

Total imports, at \$9.6 billion, were little changed from the March peak, A \$600 million rise in petroleum imports was offset by a \$615 million drop in other imports.

		1976	1976
	Billions of Dollars		
MERCHANDISE TRADE BALANCE	0.689	0.651	-0.202
EXPORTS, TOTAL*	8.65	8.96	9.39
Domestic Nonagricultural Commodities	6.86	7.09	7.34
Domestic Agricultural Commodities	1.76	1.68	1.91
IMPORTS, TOTAL*	7.96	9.61	9.60
Imports Excluding Petroleum	5.66	7.41	6.80
Petroleum Imports	2.30	2.19	2.80

of individual series.

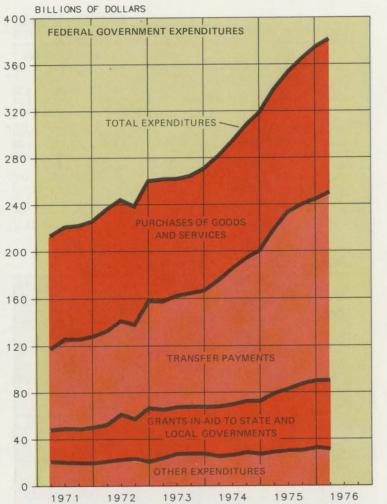


#### BILLIONS OF DOLLARS

#### 82 FEDERAL GOVERNMENT RECEIPTS & EXPENDITURES

#### Federal Government Deficit Declines In First Quarter

The Federal Government's deficit (as measured in the national income and product accounts) declined in the first quarter of 1976. The \$69.1 billion deficit (seasonally adjusted annual rate) was \$3 billion less than the fourth quarter 1975 deficit.





Receipts rose \$10.1incrbillion to a rate of \$312.2atebillion. A \$6.4 billionbillionrise in social insurancepaycontributions (includingT\$2.1 billion from the in-Fedcrease in the maximumtureearnings subject to theupSocial Security tax andfou\$1.8 billion from higherAtributions) accounted forlevemost of the increase. Otheracc

increases came from corporate profits taxes (\$3.6 billion) and personal tax payments (\$2.5 billion). The annual rate of Federal Government expenditures was \$381.3 billion, up \$7.1 billion from the fourth quarter of 1975. A \$5.7 billion increase in transfer payments to a level of \$160.2 billion accounted for four-fifths of the increase. The rise in transfer payments was partly attributable to nearly \$2 billion for "earned income credits" (a payment made primarily to low-income wage earners). Grants-in-aid to State

and local governments increased \$1.3 billion.

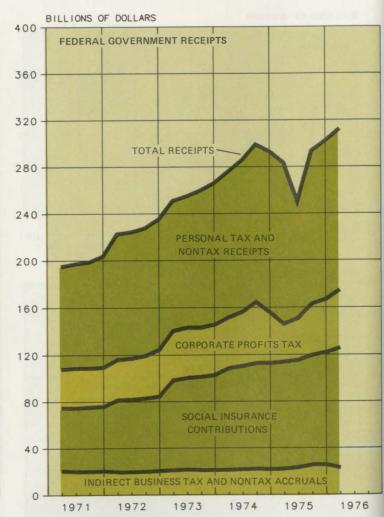
#### MONEY SUPPLY MEASURES

#### Money Supply Growth Slows During May

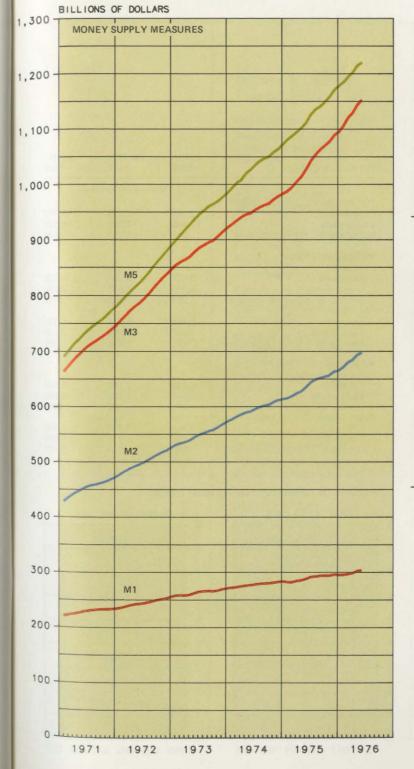
All selected measures of the Nation's money supply continued to expand in May, but at slower rates than reported in April. Here is a summary of the various ways the money stock is measured:

M1-Currency in circulation plus private checking account deposits-rose \$1.4 billion in May to \$303.1 billion. This represents an increase of 5.6 percent at annual rates, a considerably slower pace than the 14.9-percent rate posted in April. Since May 1975, M1 has increased 5.4 percent. M2-M1 plus time deposits

at commercial banks except large denomination bank certificates—rose \$5.1



FEDERAL GOVERNMENT RECEIPTS & EXPENDITURES	1st QTR. 1975	4th QTR. 1975	1st QTR. 1976
	Billions of Dollars		
RECEIPTS, TOTAL	283.6	302.1	312.2
Personal Tax and Nontax Receipts	137.6	135.2	137.8
Corporate Profits Tax Accruals Indirect Business Tax and Nontax	32.1	45.0	48.6
Accruals	22.3	25.4	23.0
Contributions for Social Insurance	91.7	96.4	102.8
EXPENDITURES, TOTAL	337.4	374.2	381.3
Purchases of Goods and Services	119.4	129.9	131.1
Transfer Payments Grants-in-Aid to State and Local	139.2	154.5	160.2
Governments Other Expenditures	50.1	57.4	58.7
(Net Interest Paid and Net Subsidies)	28.7	32.3	31.3
FEDERAL GOVERNMENT DEFICIT	-53.7	-72.1	-69.1

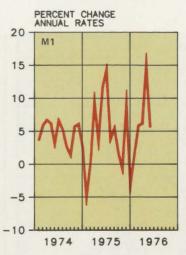


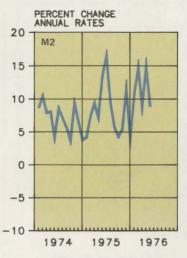
SOURCE BUREAU OF ECONOMIC ANALYSIS



billion to \$697 billion, an increase of 8.8 percent at annual rates. In April, M2 rose at a 14.9-percent annual rate, largest gain since last June.

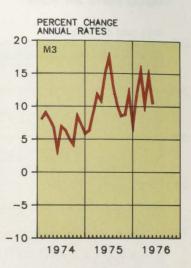
M3–M2 plus deposits at nonbank thrift institutions (savings and loan institutions, credit unions, etc.) –increased \$9.9 billion (10.4 percent at annual rates) to \$1,151 billion.

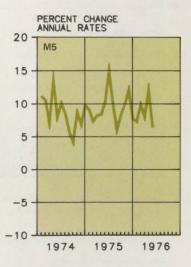




Since last May, M3 has advanced 12.3 percent. M5–M3 plus large negotiable certificates of deposit–rose \$6.5 billion to \$1,219.1 billion. The 6.4-percent May rate of

increase is approximately half the April rise and the slowest since last August.





	MAY	APRIL	MAY
MONEY SUPPLY	1975	1976	1976
MONEY STOCK MEASURES			
M1 (Billions of Dollars)	287.6	301.7	303.1
Percent Change at Annual Rates	11.4	14.9	5.6
M2 (Billions of Dollars)	633.7	691.9	697.0
Percent Change at Annual Rates	13.4	14.9	8.8
M3 (Billions of Dollars)	1,025.3	1,141.1	1,151.0
Percent Change at Annual Rates	14.9	14.7	10.4
M5 (Billions of Dollars)	1,110.4	1,212,6	1,219,1
Percent Change at Annual Rates	10.1	12.1	6.4

#### **Consumer Credit Outstanding Rises** \$1.4 Billion in April

Consumer installment credit outstanding increased \$1.4 billion in April, compared to the \$1.5 billion expansion posted in March. This is the eleventh consecutive increase in outstanding credit, and with the exception of March, the largest

gain since August 1974. Outstanding credit expanded more during the first 4 months of 1976 than during all of 1975.

Extensions of consumer credit-credit sales and new loans made-declined \$543 millions from the March high of \$16.3 billion. Credit liquidations-repayments, charge-offs, and miscellaneous credits such as returns

and adjustments-also declined, dropping \$466 million to \$14.3 billion, the lowest level since last November. Auto credit and "All

Other" credit were the major factors in the April expansion of consumer installment credit outstanding. Holdings by commercial banks, which account for nearly half of all out-

standing credit, rose \$561

CONSUMER CREDIT

BY TYPE OF CREDIT

Extensions

Liquidations

Automobile

"All Other'

Extensions

Extensions

Extensions

Credit Unions

Extensions

Liquidations

Liquidations

BY HOLDER OF CREDIT **Commercial Banks** 

Liquidations

TOTAL INSTALLMENT CREDIT

Net Change in Credit Outstanding

million, about the same as in March. Credit union holdings were up \$392 million.

APRIL

1976

15,775

14,339

+1,436

4,438

3,728

+710

8,335

7,735

6,729

6.168

+561

2,386

1,994

+392

+600

Section IV

# trends

Sources & Uses of Energy: 1950 to 1975

Major Sources of Energy 86 Distribution of Energy Consumed, by Source: 1975 86

Energy Use in Manufacturing

Quantity of Energy Consumed 87

Total Energy Expenditures 87

Unit Energy Cost 87 Expenditures by Energy Source 87

Quantity of Energy Consumed, by Type of Fuel 88

Unit Cost, by Type of Fuel 88

Percent Distribution of Energy 89

Consumption by Manufacturing Industries 89

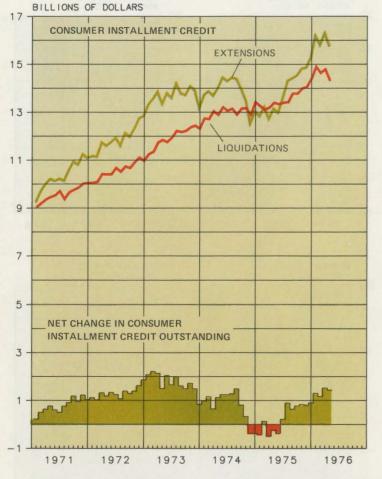
The 16 Largest Energy Consuming Industries 89

**Pollution Abatement** Expenditures

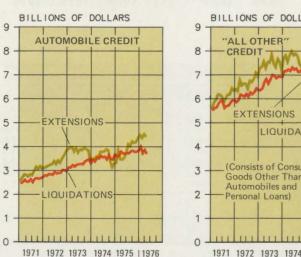
Governmental Expenditures For Pollution Abatement by Level of Government 1972 to 1974 90

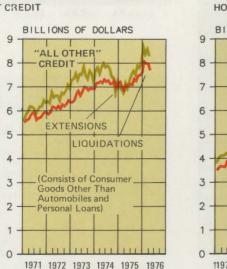
**Governmental Expenditures** of Pollution Abatement by **Types of Pollutant:** 1972-1974 90

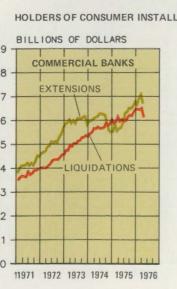
Mineral & Metal Imports in 1975 91

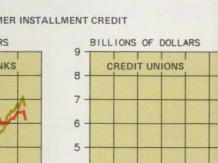


TYPE OF CONSUMER INSTALLMENT CREDIT









APRIL

1975

13,168

13,408

-241

3,477

3,746

-269

7,198

7,107

5.665

5,976

-311

1,961

+91

MARCH

Millions of Dollars

1976

16.318

14 805

+1.513

4,537

3.883

+654

8,613

7,998

+615

7,102

6,530

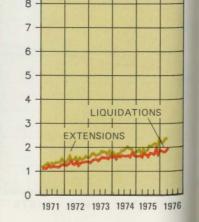
+572

2,389

1,875

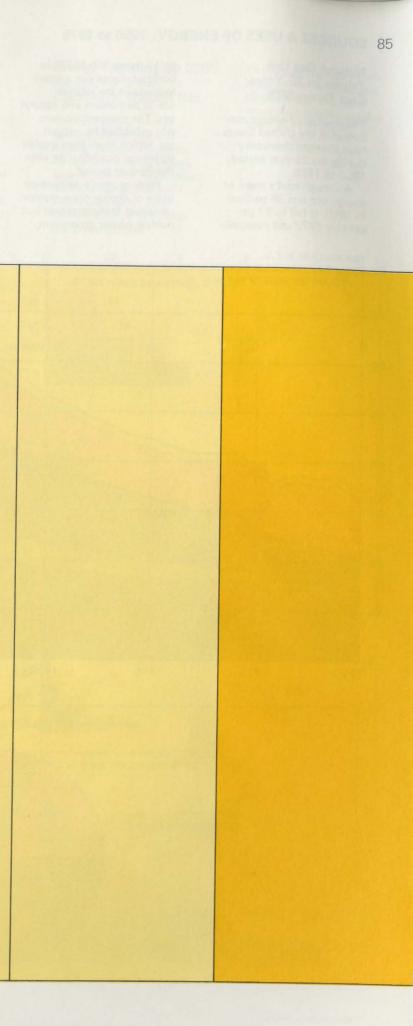
+514

#### HOLDERS OF CONSUMER INSTALLMENT CREDIT



SOURCE BOARD OF GOVERNORS OF THE FEDERAL RESERVE

#### 1,763 Liquidations Net Change in Credit Outstanding +198



#### 86 SOURCES & USES OF ENERGY: 1950 to 1975

#### Natural Gas Use Triples in 25 Years; Coal Down 50%

The sources of energy consumed in the United States have changed drastically during the 25-year period, 1950 to 1975.

Although coal's share of energy use was 38 percent in 1950, it fell to 17 percent by 1972 and rose only to 19 percent in 1975. In contrast, there was a sharp increase in the relative use of petroleum and natural gas. The sharpest increase was exhibited by natural gas, which more than tripled its energy contribution over the 25-year period.

Hydropower's percentage share of energy consumption remained fairly constant but nuclear power generation,

which was not available in 1950, had grown to 2 percent of the U.S. energy consumed in 1975.

During 1975 total U.S. energy consumption went down for the second consecutive year. Domestic oil and gas production continued to decline, decreasing about 5 and 7 percent respectively. The decline in petroleum output necessitated greater

imports of foreign oil which amounted to 2.2 million barrels. At the same time, however, domestic production of coal and nuclear power increased. Bituminous coal and lignite output rose 6.1 percent to a record high of 640 million tons in 1975.

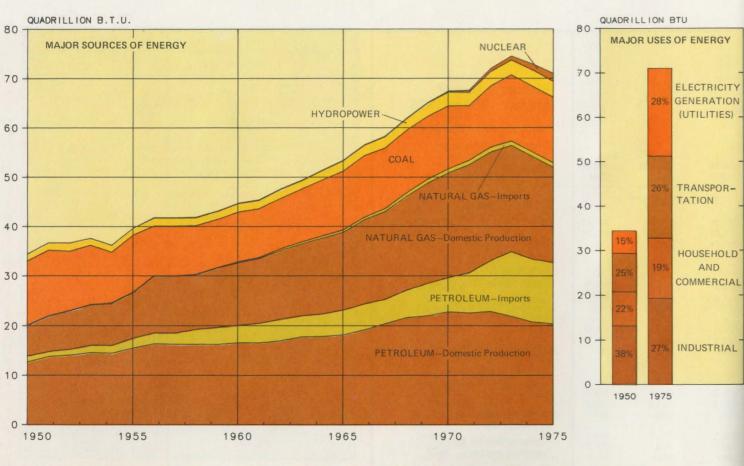
## ENERGY USE IN MANUFACTURING

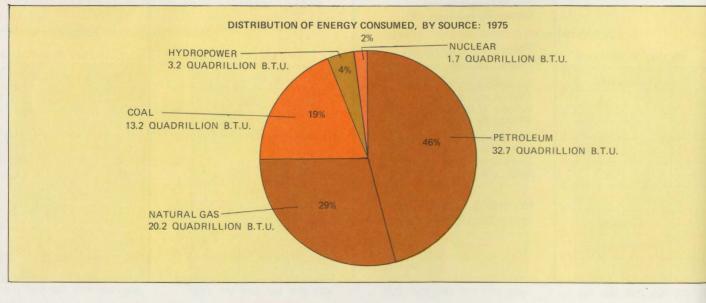
#### Sharply Higher Prices Push Energy Costs up 87% in 3 Years

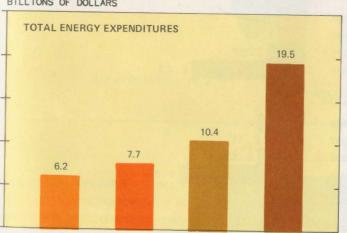
In 1974, manufacturers used 3.91 trillion kilowatt-hour (KWH) equivalents of purchased fuels and electricity for heat and power. This was only slightly above the 3.85 trillion consumed in 1971. Sharply higher energy prices pushed the average

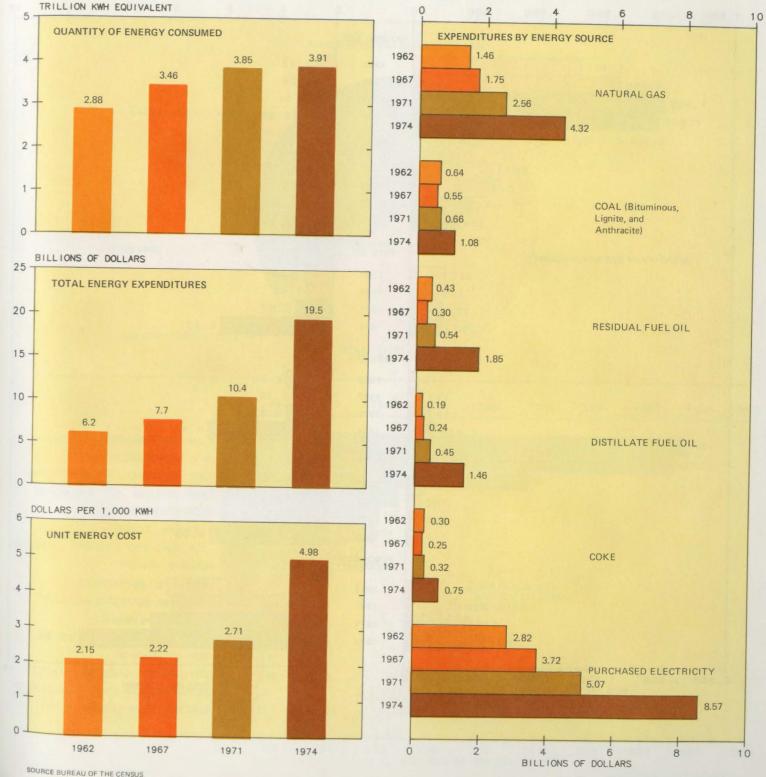
cost per thousand KWH to \$4.98 in 1974 from \$2.71 3 years earlier. As a result, the total energy cost climbed 87 percent to a 1974 level of \$19.5 billion.

It is estimated that manufacturing accounts for 20 to 25 percent of all energy consumed for power and heat in the United States.









SOURCE BUREAU OF MINES

#### Energy Spending Up 300% for Oil; 69 % for Electricity, Natural Gas

The two largest energy sources, electricity and natural gas, accounted for 66 percent of total energy expenditures in 1974; down from 73 percent in 1971. Expenditures for each increased 69 percent over the 3-year period.

The largest increases were reported for residual and distillate fuel oils; both more than tripled in value from 1971 to 1974.

#### 88 ENERGY USE IN MANUFACTURING

#### **Electric Energy Use** Up 21% from 1971 to 1974; Natural Gas, Coal Down

From 1971 to 1974, use of electric energy rose 21 percent to 620.8 billion kilowatt hours (KWH). During the same period unit cost increased 40 percent, from \$9.85 to \$13.81 per

1,000 KWH. This was the smallest price rise among all energy sources.

Among the fuels, consumption of natural gas, as measured in kilowatt-hour equivalents, declined 2 percent in the 3-year period 1971 to 1974, compared to a 22-percent increase in the previous 4-year period.

The unit cost rose 95 cents to \$2.26, the smallest cost increase of all fuels. There was a further pronounced decline in coal usage. In 1962, coal accounted for one-fourth of all energy consumed; in

1974 the proportion had

declined to one-tenth.

The largest increases in unit cost were reported for the fuel oils. Prices for residual fuel oil rose 200 percent; for distillate oil, prices were up 170 percent.

## ENERGY USE IN MANUFACTURING

#### 16 Industries Consume 57 Percent of Manufacturing **Energy Use Total**

Less than 1 percent of the 451 manufacturing industries consumed 34 percent of total purchased energy. The 4 largest energy consumersblast furnaces and steel mills, petroleum refining. industrial organic chemicals, and paper mills-used 1.4

trillion KWH equivalents in 1974. The 5th through 8th largest industries accounted for 13 percent, and the next 8 largest used nearly 10 percent. Thus, the 16 largest energy consuming industries accounted for almost 57 percent of the total.

50

100

117

107

73

100

150

53

53

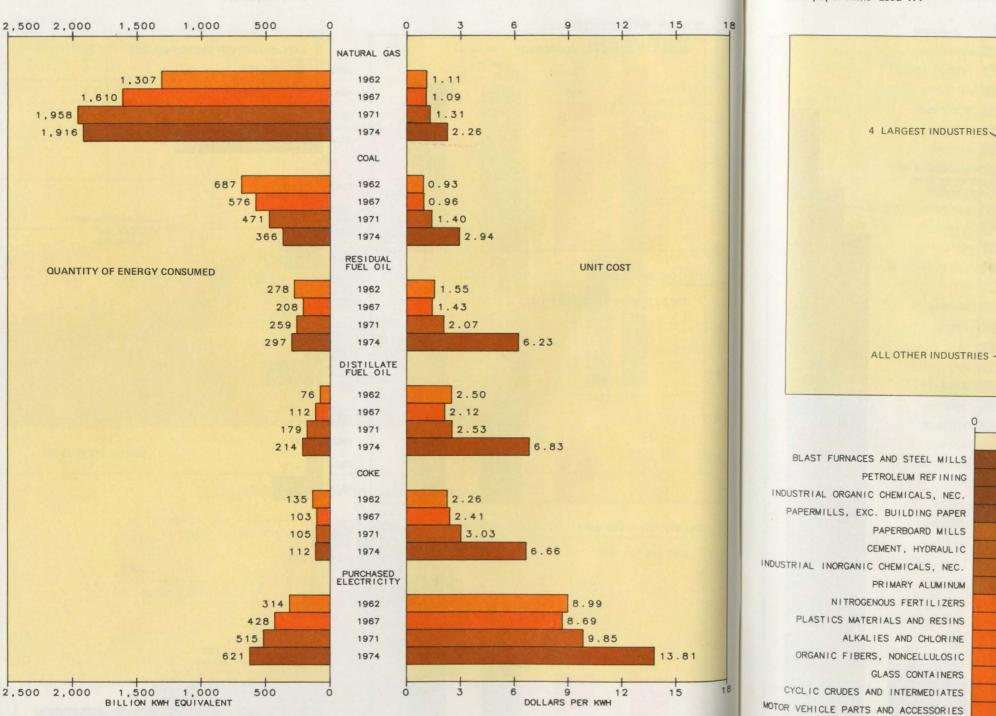
45

41

41

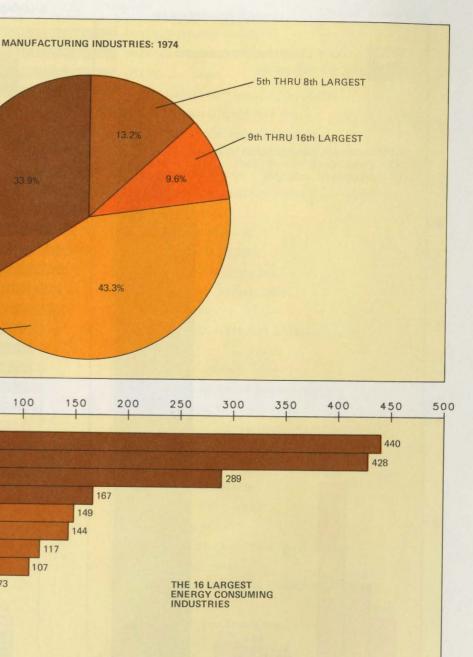
50

32



SOURCE BUREAU OF THE CENSUS

MOTOR VEHICLES AND CAR BODIES



200 250 300 350 400 450 500 BILLIONS OF KWH EQUIVALENTS

#### POLLUTION ABATEMENT EXPENDITURES 90

#### **Governmental Funds** To Battle Pollution Up 27% from 1972 to 1974

Total direct spending by all levels of government for pollution control activities reached a level of \$7 billion in 1974, a 27 percent increase over 1972. (This total excludes payments to other levels of governments known as intergovernmental expenditures.) Water pollution control is the primary focus of governmental pollution abatement spending. In 1974, water pollution control expenditures took 88 percent of all federal environmental quality control activities. Solid waste operations, primarily consisting of garbage collection

and disposal, are almost entirely a function of local governments. The Federal Government furnishes almost two-thirds of all air pollution control monies. In 1974, the Federal Government spent \$2.4 billion

for pollution control, a 75-percent increase over the \$1.4 billion disbursed in 1973. Larger payments to State and local governments accounted for almost 90 percent of the increase.

Federal payments to local governments for the construction of sewage treatment facilities made up the largest single item of intergovernmental expenditure, making up more than threefourths of all Federal pollution control spending in 1974.

\$6.3

## **MINERAL & METAL IMPORTS IN 1975**

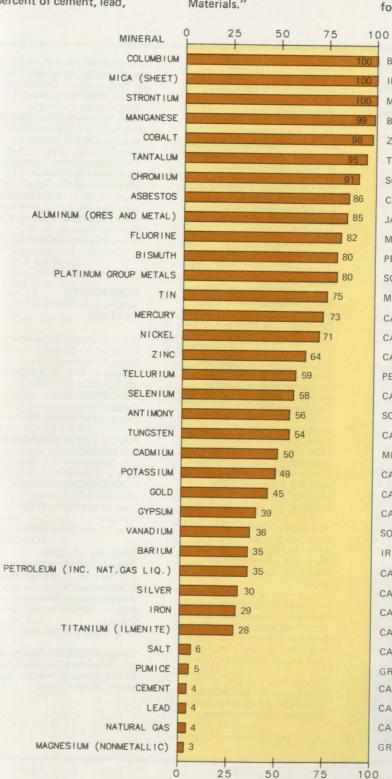
#### U.S. Dependent on Imports for Many Important Minerals

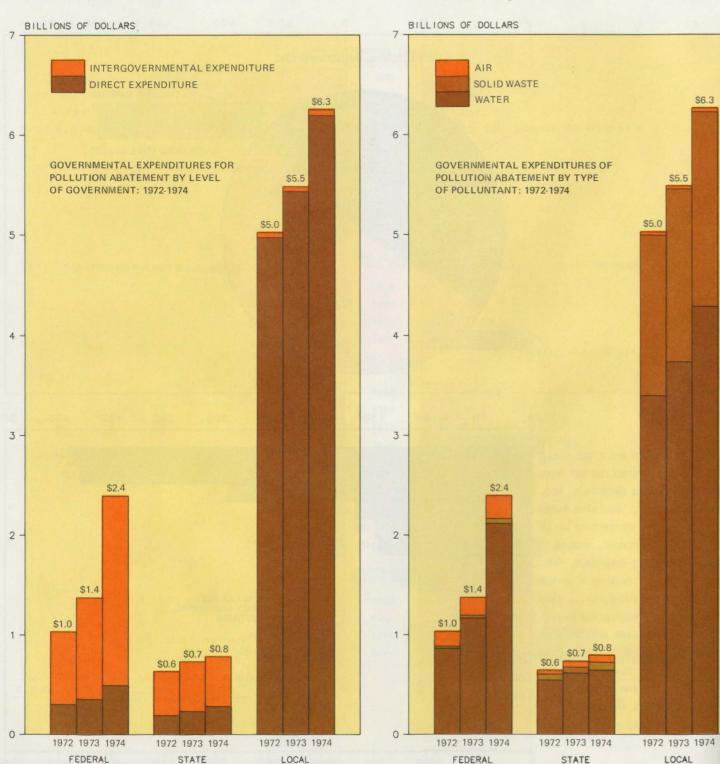
U.S. dependence on foreign sources for essential mineral materials varies widely. For example, while totally dependent on imports for columbium, sheet mica, and strontium, the U.S. relies on imports for less than 5 percent of cement, lead.

SOURCE BUREAU OF MINES

natural gas, and nonmetallic magnesium.

U.S. net imports in 1975 were half or more for 22 mineral materials, 13 of which were among the critical industrial materials identified by the Council on International Economic Policy in its December 1974 publication, "Special Report: Critical Imported Materials."







(Net imports of a particular commodity is the amount of U.S. consumption in percentage terms of U.S. imports minus U.S. exports plus or minus changes in both industry and governmental stockpiles.)

U.S. imports of raw and processed minerals during 1975 were valued at \$40 billion, including \$26 billion for fuels. Mineral imports

exceeded mineral exports by \$22 billion. Much of this monetary deficit can be traced to increased prices for crude and refined petroleum.

MAJOR FOREIGN SOURCES BRAZIL, THAILAND, NIGERIA INDIA, BRAZIL, MALAGASY MEXICO, U.K., SPAIN BRAZIL, GABON, AUSTRALIA, SOUTH AFRICA ZAIRE, BELGIUM-LUXEMBOURG, FINLAND, NORWAY, CANADA THAILAND, CANADA, AUSTRALIA, BRAZIL SOUTH AFRICA, U.S.S.R., TURKEY, RHODESIA CANADA, SOUTH AFRICA JAMAICA, SURINAM, AUSTRALIA, DOMINICAN REPUBLIC MEXICO, SPAIN, ITALY PERU, JAPAN, MEXICO, U.K. SOUTH AFRICA, U.K., U.S.S.R MALAYSIA, THAILAND, BOLIVIA CANADA, ALGERIA, MEXICO, SPAIN CANADA, NORWAY CANADA, MEXICO, AUSTRALIA, HONDURAS, PERU PERU, CANADA CANADA, JAPAN, MEXICO SOUTH AFRICA, P.R. CHINA, BOLIVIA, MEXICO CANADA, BOLIVIA, THAILAND, PERU MEXICO, CANADA, AUSTRALIA, BELGIUM-LUXEMBOURG CANADA CANADA, SWITZERLAND, U.K., FRANCE CANADA, MEXICO, JAMAICA SOUTH AFRICA, CHILE, U.S.S.R. IRELAND, PERU, MEXICO CANADA, VENEZUELA, NIGERIA, SAUDI ARABIA CANADA, MEXICO, PERU CANADA, VENEZUELA, JAPAN, COMMON MARKET (EEC) CANADA, AUSTRALIA CANADA, MEXICO, BAHAMAS, CHILE GREECE, ITALY CANADA, BAHAMAS, NORWAY, U.K. CANADA, PERU, AUSTRALIA, MEXICO CANADA GREECE, IRELAND, JAPAN

PERCENT

# sources

#### Section 1

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Special Feature

#### HISTORICAL STATISTICS OF THE UNITED STATES

U.S. Department of Commerce, Bureau of the Census Detailed sources are listed in the publication. Copyrighted information is noted on the chart and includes: Labor Force and Its Components, 1900-1946, Stanley Lebergott, Manpower in Economic Growth: The American Record Since 1800 table A.3 (Copyright 1964) used with permission of McGraw-Hill Book Co., New York).

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Board of Governors of the Federal Reserve System, Statistical Release G. 19, Consumer Credit Contact: Reba Driver 202-452-2458

Section IV

#### OTHER TRENDS

## SOURCES AND USES

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#### ENERGY USE IN

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#### TRANSPORTATION TRENDS

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# notes & definitions

NOTES

Rounding-Detailed data in the tables may not agree with totals because of independent rounding. Furthermore, calculations shown in the text, such as percent and absolute changes are based on the unrounded figures and therefore may not agree with those derived from rounded figures in the table.

Seasonal Adjustment—Unless otherwise indicated, all data of less than annual frequency are seasonally adjusted by the source agency or exhibit no seasonal fluctuation.

Survey and Sampling Error-The data in this chartbook come from a variety of surveys and other sources. Data from sample surveys are subject to sampling error, and all the data are subject to possible nonsampling error due to nonresponse, reporting, and analysis error. For more detailed explanations of the sampling and nonsampling errors associated with each series, contact the appropriate source.

#### DEFINITIONS

#### GENERAL

Average or Arithmetic Mean-The sum of the values of all cases divided by the number of cases.

**Constant Dollars**—Computed values which remove the effect of price changes over time, generally derived by dividing current-dollar values by their corresponding price indexes.

**Current Dollars**—The dollar as valued in any given period with no adjustment for price changes.

**Durable Goods**—Items with an extended life expectancy, normally 3 years or more. Housing Unit—One or more rooms intended for use as separate living quarters and including access from the outside, either direct or through a common hall, or complete kitchen facilities for exclusive use by the occupants.

Index Number—A measure of relative value compared with a base figure (usually set equal to 100) for the same series.

Median—The value which divides the distribution into two equal parts—one half the cases falling below this value and one-half exceeding this value.

Nondurable Goods-Items which are consumed by their utilization or with a short life expectancy (3 years or less).

Projections—Estimates for the future based on past records and on assumptions regarding future growth.

**Real**—Measured in dollars of constant purchasing power. See constant dollars.

Seasonal Adjustment-Statistical modifications made to compensate for fluctuations in a time series which recur more or less regularly each year. The cause may be climatic (farm income is highest in the fall) or institutional (retail sales peak just before Christmas).

Seasonally Adjusted Annual Rate—Indicates that data have been adjusted for seasonal variation and then expressed as if the same level of performance for the reported period would continue for the entire year. The transformation is accomplished by multiplying monthly data by 12 and quarterly data by 4.

Standard Metropolitan Statistical Area (SMSA)—An integrated economic and social unit with a large population nucleus containing at least one central city with 50,000 inhabitants or more or two cities having contiguous boundaries and a combined population of at least 50,000.

# Section I PEOPLE

Selected Current Vital Stat-

istics—Rates are on an annual basis. Infant mortality rates are deaths under 1 year per 1,000 live births and are adjusted for varying numbers of births. Other rates are per 1,000 estimated resident population for specific months.

#### **Births and Fertility**

Annual Births—The number of births registered as occurring in the United States in a given year. Prior to 1960 the numbers of births are adjusted to correct for underregistration.

Total Fertility Rate—The total fertility rate for a given year is a hypothetical measure of how many births a woman would have on the average if, during each year of her entire reproductive life, she were to experience the age-specific birth rates recorded for that given year.

Replacement Fertility—This is an estimate of the number of children each woman must have on the average in order for one generation to be replaced exactly by the next. This measure takes into account mortality conconditions that prevail at the time.

#### Employment and Unemployment

Civilian Labor Force-All civilians 16 years old and over who were employed or unemployed during a specified week.

Employed Persons—Persons who did any work for pay or profit, worked 15 hours or more as unpaid workers in a family enterprise, or who were temporarily absent from their jobs for noneconomic reasons.

Unemployed Persons—Persons not working but available and looking for work, on layoff from a job, or waiting to report to a new job.

#### Labor Turnover in Manufacturing

Labor Turnover-The movement of wage and salary workers into and out of employed status.

Total Accessions—The total number of permanent and temporary additions to the employment rolls, including both new and rehired employees. Other accessions, which are not published separately but are included in total accessions, include transfers from other establishments of the company and employees recalled from layoff.

Total Separations—Permanent or temporary terminations of employment. Other separations, which are not published separately but are included in total separations, include discharge, permanent disability, death, retirement, transfers to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive days.

#### Personal Income

Distributive Industries— Industries involved in the flow of goods and services from production to consumption including buying, selling, advertising, transporting, etc.

Personal Income-Income received by all individuals in the economy from all sources.

#### Wage and Salary Disbursements

-All employee earnings including wages, salaries, bonuses, commissions, payments in kind, incentive payments and tips, paid to employees in a given period of time, regardless of when these are earned.

#### Urban Family Budget

Represents the cost of three hypothetical lists of goods and services that were specified in the mid-1960's to portray three relative standards of living-described as lower, intermediate, and higher. These budgets are for a precisely defined urban family of four: a 38-year old husband employed full-time, his nonworking wife, a boy of 13, a girl of 8. The couple is assumed to have been married about 15 years and to be settled in the community. The budgets are not based on how families actually spent their money but reflect assumptions about the manner of living. They are not intended to represent a minimum level of adequate income or a subsistence level of living.

#### Food Stamps

Bonus Value of Food Stamps– The portion of the coupon allotment paid for by the Federal Government.

#### Total Value of Food Stamps-The amount recipients are

required to pay, plus the "Bonus" paid by the Federal Government.

#### School Enrollment Projections

Education Projections—Enroliment projections quoted in this publication are based essentially on trends in enrollment rates over the past 11 years and on projected population by age groups from which enrollment will be drawn in the next 10 years.

#### Characteristics of Women

General Fertility – The number of births per year per 1,000 women 15 to 44 years of age.

Life Expectancy at Birth-A measure that represent the average number of years a newborn child may expect to live according to the death

#### Section II COMMUNITY

period.

rates of a given year or

#### Local Government Revenue

Property Taxes—Taxes conditioned on ownership of property and measured by its value; includes taxes on selected types of property, such as motor vehicles or certain intangibles.

# Public Labor Management Relations

Public Labor Contract—A mutually binding agreement on conditions of employment bilaterally negotiated between labor and management representatives of State and local governmental bargaining units.

#### Memorandum of Understanding-

A written, nonbinding agreement on conditions of employment reached through periodic discussions between public employer and employee representatives.

#### General Housing Characteristics

Gross Rent—The regular monthly rent contracted for, plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to the rent.

Housing Unit-See General Definitions

#### Crime Index Trends

Burglary-Breaking or entering-burglary, housebreaking, safecracking, or any breaking or unlawful entry of a structure with the intent to commit a felony or a theft. Includes attempted forcible entry.

#### Larceny-Theft (except Motor Vehicle Theft)—The unlawful taking, carrying, leading, or riding away of property from the possession of another. Any stealing of property or article which is not taken by force and violence or by fraud.

Robbery-Stealing or taking anything of value from the care, custody, or control of a person by force or by violence, or by putting in fear, such as strong-arm robbery, stickups, armed robbery, assaults to rob, and attempts to rob.

#### **Criminal Justice Expenditures**

Judicial Activities—All courts and activities associated with courts such as law libraries and juries.

Indigent Defense-Activities associated with the right of

persons to have legal counsel and representation.

Legal Services—Civil and criminal justice activities of attorneys general; district attorneys; States attorneys; other legal departments of various names.

Other Criminal Justice Activities—Expenditures that are not elsewhere classified, that cut across more than one category, or that are not allocable to separate categories.

Full-Time Equivalent Employees—The total number of employees discounted by applying average full-time earning rates. This is calculated by dividing the total payroll (full-time plus part-time) by the full-

time payroll and multiplying this by the number of fulltime employees.

#### Voter Participation

Voting Age Population-In 1972 and 1974, the civilian noninstitutional population 18 years and over. In 1966, 1968, and 1970, includes persons 18 years old and over in Georgia and Kentucky, 19 years old and over in Alaska, 20 years old and over in Hawaii, and 21 years old and over in the remaining States.

#### Voter Registration and Participation

Voter Participation—The disparity between official results of votes cast and estimates from the Current Population Survey is due in part to a tendency among respondents to over-report voting participation to interviewers.

#### Transportation Trends

Passenger-Miles-Total distance traveled by all passengers. One passenger traveling 1 mile generates 1 passengermile.

Class I Railroad—Railroad with annual operating revenue greater than \$5 million.

#### Section III ECONOMY

#### **Gross National Product**

Chain Price Index—A weighted average of all price indexes for goods and services measured in GNP.

Change in Business Inventories —Often referred to as inventory investment, represents the value of the change in the physical stock of goods held by the business sector.

Final Sales—The portion of GNP sold to ultimate users. It is derived by subtracting the change in business inventories from GNP.

#### Government Purchases of Goods and Services-Net expenditures on goods and services by Federal, State, and local governments and the gross investment of government enterprise.

#### **Corporate Profits**

Profits From Current Production—Before-tax profits of corporations organized for profit adjusted to remove the effect of inventory profits; this is further adjusted to correct tax-return depreciation to reflect current replacement costs and differences between depreciation formulas allowable under the tax laws and actual service life.

Undistributed Profits—The portion of a corporation's profit remaining after taxes and dividends are paid.

Indirect Business Tax and Nontax Accruals—Tax liabilities paid by business, other than employer contributions for social insurance and corporate income taxes. Sales taxes, excise taxes, and real property taxes paid by businesses are the principal types of indirect taxes.

#### Composite Index of Leading Indicators

-A combined index of 12 indicators of specialized economic activities that usually record business cycle peaks and troughs ahead of current general economic activity, thus providing clues to future shifts in the general direction of business activity.

**Composite Index of Coincident** Indicators-A combined index of five indicators of specialized economic activities whose cyclical peaks and troughs coincide with the level of general economic activity.

Layoff Rate-A Bureau of Labor Statistics' monthly measurement of the rate of layoffs per 100 employees in manufacturing establishments. The number of layoffs in reporting firms is divided by employment in these firms and multiplied by 100.

Money Balance-Average balance in real dollars of (1) currency and demand deposits outside the Treasury, Federal Reserve Banks and vaults of all commercial banks; (2) foreign demand balances at Federal Reserve Banks; and (3) noninstitutional deposits, consisting primarily of individual checking accounts.

#### **Industrial Production**

Industrial Production Index-Measures average changes in the physical volume of output produced by the Nation's factories, mines, and generating plants.

#### Major Market Groupings-

Groupings of industries to reflect the end uses (or primary customers) to which the goods are put.

#### Manufacturing and Trade Sales and Inventories

Inventory-to-Sales Ratio-Indicates the number of months supply of goods on hand at the current rate of sales. The respective ratios are derived by dividing the value of inventories at the end of a given period by the value of sales during the same period.

#### Advance Retail Sales-Mav

General Merchandise Group With Nonstores-Includes department stores, variety stores, general stores, and those selling general merchandise by mail and vending machine.

#### Value of New Construction

Value of New Construction Put in Place-Measures the estimated value of both private and public construction activity, including additions and alterations of existing structures. The estimates are intended to represent value of construction installed or erected during a given time period and covers the cost of labor and materials as well as the cost of architectural and engineering fees, charges for equipment, overhead, and profit on construction operations.

#### Consumer Price Index-

Measures average changes in prices of goods and services usually bought by urban wage earners and clerical workers. It is based on prices of about 400 items obtained in urban portions of 39 major statistical areas and 17 smaller cities, chosen to represent all urban areas in the United States.

Wholesale Price Index-Measures average changes in prices of commodities sold in large quantities by producers in primary markets in the U.S. The index is based on a sample of about 2,700 commodities selected to represent the movement of prices of all commodities produced.

#### Agricultural Prices

Ratio of Index of Prices **Received by Farmers to Index** of Prices Paid-Measures the purchasing power of products sold by farmers compared to their purchasing power in the base period above 100; products sold by farmers have an average per-unit purchasing power higher than in the base period. Below 100, the average per-unit purchasing power of commodities sold

by farmers is less than in the base period. It is a price comparison, not a measure of cost, standard of living, or income parity.

#### Productivity and Labor Costs

Unit Labor Costs-An index that measures changes in labor cost in the production of one unit of output.

#### Federal Government Receipts and Expenditures

**Federal Government Purchases** of Goods and Services-Total Federal Government purchases for national defense and for nondefense purposes.

#### Federal Government Transfer

Payments-Income flows that represent a change in the distribution of national wealth. The primary components of Federal Government transfer payments are Social Security benefits and veterans pensions.

#### **Corporate Profits Tax Accruals** -Tax liabilities of corpor-

ations recorded on an accrual basis, i.e., the tax liabilities are assigned to the period when the profits are earned, rather than the period when the taxes are actually paid to the Internal Revenue Service or State governments.

#### Section IV OTHER TRENDS

Sources and Uses of Energy

British Thermal Unit (Btu) -The quantity of heat required to raise the temperature of 1 pound of water 1 degree Fahrenheit at or near the point of maximum density (39.2 F).

#### **Energy Use in Manufacturing**

Coke and Breeze-Bituminous coal from which the volatile constituents have been driven off by heat. The fine screenings from crushed coke are called breeze.

Kilowatt-Hour Equivalent-Data on fuels consumed were counted to kilowatt-hour equivalents in order to provide figures on the basis of a comparable unit of energy.

#### **Pollution Abatement Expenditures**

Air Quality Control-Regulatory, administrative, operational, and other activities directly related to the abatement of air pollution.

**Direct Expenditure**-Payments to employees, suppliers, con-

tractors, beneficiaries, and other final recipients of governmental payments (i.e., expenditure other than intergovernmental) by the general government; excludes utility expenditure.

Intergovernmental Transactions -Intergovernmental revenue and intergovernmental expenditure comprise, respectively, payments from one government to another as grants-in-aid, shared revenues, payments in lieu of taxes, or reimbursements for governmental services.

Solid waste management-Consists of those regulatory, administrative, operational, and other activities directly related to the collection and disposal of trash, garbage, and other forms of solid waste, including street cleaning.

#### Imports of Metals and Minerals

Mineral and Metal Imports in 1975

Net Imports-Amount of U.S. consumption, in percentage terms, that is made up of U.S. imports minus U.S. exports and plus or minus changes in both industry and government stockpiles.

#### Special Feature HISTORICAL STATISTICS OF THE **UNITED STATES**

Due to the historical nature of the data included, many series may have been subject to changes in concept and coverage. These are too numerous to list here, but they are explained in Historical Statistics of the United States, Colonial Times to 1970, U.S. Department of Commerce, Bureau of the Census.

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