survey of

CURRENT BUSINESS



U.S. DEPARTMENT OF COMMERCE OFFICE OF BUSINESS ECONOMICS

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The Business Situation

☆-

Economic conditions continue to improve and businessmen continue to view prospects in a favorable light. The improvement in activity and purchasing power during August was evident in further increases in retail trade, personal income, and industrial pro-Expectations of improved duction. business were apparent in the latest quarterly survey of plant and equipment expenditures, which is reported on page 3. The August survey showed not only higher investment outlays for the third and fourth quarters but also a small upward revision in spending programs. Manufacturing companies, moreover, anticipate a moderate stepup in inventory accumulation during the second half, as well as some further increase in their sales.

Corporate profits up

Business decisions to undertake new investment have been influenced by the sustained rise in corporate earnings. The most recent figures for the second quarter show that corporate profits before taxes, including the inventory valuation adjustment, rose \$1½ billion to reach a record \$58 billion.

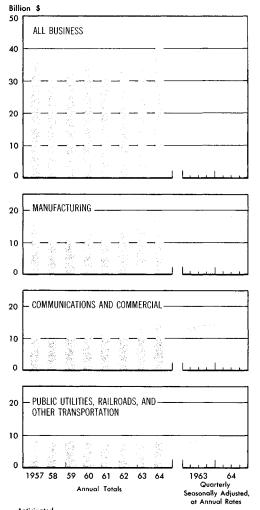
By industry, the second quarter increase centered in nondurable goods manufacturing, mainly in the petroleum, printing, textile, and tobacco industries. Among durable goods manufacturers, substantial gains over the preceding quarter were scored by producers of motor vehicles and other transportation equipment, primary metals, and electrical machinery. These were partially offset by small declines in lumber, fabricated metals, the stone, clay, and glass group, and furniture and fixtures.

Revised second quarter data on profits and national income appear on page 18.

Personal income higher

Personal income rose in August to a record \$494 billion rate, an increase of \$2½ billion over the revised July total. More than \$2 billion of the increase was

With strong increases programed for the second half, outlays this year are expected to exceed \$44 billion. \$5 billion more than 1963



U.S. Department of Commerce, Office of Business Economics

in wages and salaries, almost half of it in government payrolls. Federal workers received larger paychecks last month because of a pay raise, the effect of which was accentuated by the payment of retroactive increases to July 1, the start of the new fiscal year. Private wages and salaries moved moderately higher, mainly as a result of some rise, after seasonal allowance, in average hours per week and in rates of pay.

Employment in nonfarm establishments seemed to show little improvement in August. Although the unadjusted rise over July was 240,000, the seasonally adjusted gain was only 15,000, by far the smallest of the year, and attributable almost wholly to increased State and local government employment. In the private sector a drop in manufacturing of about 50,000 was offset by a similar increase in nonmanufacturing. Much of the adjusted decline in manufacturing last month was in the auto industry, which closed down for model changeovers at an earlier-than-normal date. Because seasonal adjustments are especially hard to make in the summer months, a clearer assessment of employment changes must await developments in the autumn.

In August the seasonally adjusted unemployment rate edged up to 5.1 percent, the same as the average from May through July. Monthly movements in the rate are erratic; over the year as a whole there has been a clear improvement in the unemployment situation.

Retail sales high

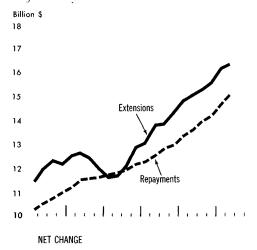
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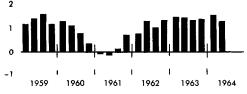
Consumer spending has been buoyant all year, and especially in the past few months. According to the advance report for August, retail sales were up almost 1 percent over July, with most

of the gain attributable to automobiles. With August retail sales nearly 2 percent above the average for the second quarter, it is expected that third quarter consumption expenditures will show a substantial increase.

Dealer sales of new automobiles were exceptionally high in August. The 570,000 domestically produced units that were sold represented a seasonally adjusted annual rate of about 8½ million, as compared with a rate of some 7½ million in July. The August

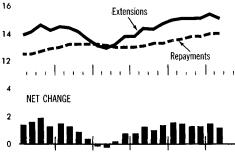
Extensions have exceeded repayments for three years . . .





But have shown little change relative to income since 1962

Percent of Disposable Income 18



U.S. Department of Commerce, Office of Business Economics

64-9-2

performance undoubtedly was a reaction to the trucking strike, which lasted 4 weeks, from late June to late July. A combination of June, July, and August would yield a rate of about 7% million units, not much different from the first and second quarter rates.

At the end of August, dealers held more than 850,000 cars in inventory, of which somewhat less than 700,000 were 1964 models. Throughout the summer auto inventories have been high as a matter of policy on the part of producers. Late in the model years of 1962 and 1963, sales were held down by low stocks.

Wholesale prices little changed

The continued rise in business activity has had little effect on overall industrial prices this summer. The August index of wholesale prices of commodities other than farm and food products was unchanged over the month, and from the second quarter average. Mainly because of lower prices for farm products, the total index fell fractionally in August to a level slightly above the April–June average.

Among industrial prices, changes from July to August were again mixed. Gasoline, lumber, and automotive product prices fell, but quotations were higher for beverages, hides, metals, textiles, and nonmetallic mineral products. There was a sharp rise in the iron and steel group. Steel scrap prices increased on the average but were lower toward the end of the month; basic steel mill product prices continued about unchanged. Higher quotations for primary lead, certain fabricated copper products, and nonferrous scrap were responsible for another large advance in the nonferrous metals, which are now 6 percent above year-ago levels.

Consumer prices up slightly

The consumer price index rose 0.3 percent in July mainly because of larger-than-seasonal gains in the prices of meat, fruits, and vegetables. The July index was somewhat more than 1 percent above its year-ago level—an annual rate of increase about in line with advances over the past few years.

Retail prices of beef and pork showed their largest increases of the year in July, reflecting the stronger tone in wholesale markets for cattle and hogs. Despite the rise, meat prices are still below the level of early 1964, if seasonal factors are taken into account, and are also under year-ago figures. The recent ir creases may be temporary since overall supplies at the farm level are comparatively high relative to demand at current prices.

Price changes of items other than food were mixed from June to July, but were unchanged on balance, and have continued so since last autumn. Apparel and fuel costs declined a bit over the month, new car and household durable goods prices held steady, and service costs continued to edge up.

Expansion in consumer credit

Consumer purchasing this year continues to be bolstered by extensive use of consumer credit. Net additions to credit—installment and noninstallment—averaged close to \$600 million per month in the first quarter and \$580 million in the second quarter, after seasonal adjustment. During July the net increase totaled \$675 million. Over the first 7 months of the year, net additions have exceeded an annual rate of \$7 billion, as compared with the \$6½ billion record in 1963.

Installment debt, which accounts for about three-fourths of total consumer credit outstanding, increased sharply during the first quarter, particularly in February, when retail sales spurted. Apparently consumers took on new commitments with the expectation that the passage of the tax-cut bill would ease the repayment burden of the new debt. Second quarter gains in installment credit were more moderate, well below the first quarter average; additions to noninstallment debt, however, were at a very high rate.

A comparison with the flow of income provides a rough measure for gaging credit use. In these terms credit use does not appear to be abnormally high in the recent period. For example, at the end of June 1964, installment credit outstanding amounted to 13 percent of disposable personal income. Although this ratio is historically high, its rise over the past year is about in line with the long-term trend over the past

(Continued on page 20)

Capital Investment Continues Strong Rise

BUSINESSMEN expect to increase their expenditures for new plant and equipment throughout the second half of 1964, according to the survey of investment intentions conducted during August by the Department of Commerce and the Securities and Exchange Commission. After increasing in the second quarter capital outlays are expected to rise about \$1 billion in the third quarter and another \$1½ billion in the fourth quarter, to reach a seasonally adjusted annual rate above \$46 billion.

The \$43½ billion rate actually spent for new plant and equipment during the spring quarter exceeded outlays anticipated in the survey taken 3 months ago. Current anticipations for the second half also represent an upward revision. Expected expenditures for the full year 1964 would total \$44.2 billion, a \$5 billion or 13 percent advance over 1963. Three months ago the projected annual increase was 12 percent and in the February survey it was 10 percent.

While most lines of business have

Table 1.—Carryover of Plant and Equipment Projects, Manufacturing and Public Utilities ¹

[Billions of dollars]										
	1962		19		19	64				
	Decem- ber	March	June	Septem- ber	Decem- ber	March	June			
			En	d of p	oerio	đ				
Manufacturing Durable goods ² . Primary metals Electrical machinery. Machinery excluding electrical Transportation equipment. Stone, clay and glass. Nondurable goods ² . Food and beverage. Textile Paper Chemical Petroleum Public utilities	3. 99 1. 66 . 33 . 25 . 87 . 31 3. 23 . 34 . 17 . 36 1. 03 1. 02	4. 84 1. 97 . 37 . 56 1. 10 . 32 3. 78 . 42 . 16 . 52 1. 01 1. 32	5. 15 2. 08 . 36 . 48 1. 40 . 30 3. 85 . 41 . 15 . 56 1. 01	5. 25 2. 27 . 33 . 40 1. 37 . 32 3. 94 . 36 . 14 . 61 1. 11 1. 41	5. 05 2 23 . 32 . 31 1. 36 . 29 4. 03 . 41 . 20 . 59 1. 03 1. 5)	2. 30 . 33 . 53 1. 48 . 33 4. 78 . 42 . 26 . 61 1. 26 1. 9)	5. 95 2. 56 . 37 . 48 1. 63 . 38 5. 31 . 40 . 28 . 78 1. 39 2. 10			

Carryover refers to expenditures yet to be incurred on plant and equipment projects already underway.
 Includes industries not shown separately.

Sources: U.S. Department of Commerce, Office of Business Economics, and Securities and Exchange Commission.

raised their investment programs in recent months, the largest relative revisions have been made by railroads and other transportation firms. Manufacturers of nondurable goods have reduced their planned expenditures from schedules reported in the previous survey. (See chart.)

$Outlays up \, three \hbox{-} eighths \, since \, trough$

If current plans are carried out, capital expenditures in the closing quarter of 1964 will have risen 38 percent over the 14-quarter interval since the spring of 1961. Though the overall increase is substantial, the pace of the investment rise in this period of general expansion has been comparatively moderate. In the 10 quarters from early 1955 to the third quarter of 1957, for example, current dollar plant and equipment expenditures rose 47 percent. That upsurge, unlike the present one, was marked by strong pressures on capital goods prices. And even though 1964 capital outlays are setting a new record, they still constitute (after price correction) only 6.8 percent of GNP, as against 7.8 percent in 1957.

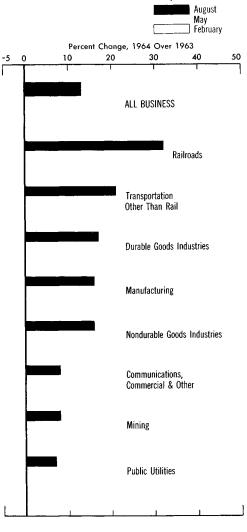
Business developments in recent months have been particularly favorable to capital investment. A record flow of before-tax profits has bolstered business confidence. Enlarged internal sources, boosted by rising depreciation allowances and lower tax rates, have provided business with new funds to finance additional investment. Rising sales and output have undoubtedly raised capacity utilization in many areas, though the relative stability in overall wholesale industrial prices suggests the existence of a margin of capacity over current production requirements. Businessmen continue to be alert to the need to modernize their equipment in order to maintain and improve their competitive position in domestic and foreign markets.

Manufacturing programs buoyant

Manufacturing investment continues to be strong, accounting for \$3 billion of the \$5 billion total increase over 1963. The trend through the year is steadily upward, to a record \$19 billion rate in the fourth quarter. Projected capital expenditures for the second half exceed first half actual outlays by 7 percent.

According to current programs the rising trend in expenditures for the remainder of the year extends to both durable and nondurable goods industries. Within the durable goods group the best advances within 1964 are reported by the nonelectrical machinery and the motor vehicle industries. Iron

As reported:



Data: OBE - SEC

and steel producers' investment is programed to increase more than onefourth this year, with a fairly steady quarterly pattern of spending. Both electrical machinery and nonautomotive transportation equipment producers are reducing capital expenditures this year as compared with 1963.

The downward revision in the investment programs of the nondurable goods producers from plans of 3 months ago has centered in the petroleum and textile industries. Still, current schedules call for increases of about onesixth over 1963 outlays. Chemical and paper firms have revised upward current year outlays with sizable increases programed for the second half.

Manufacturers' carryover of uncompleted projects rises

The increase in manufacturing investment programs is apparent in the latest data on the backlog of uncompleted projects. Manufacturers estimated that as of the end of June, \$11% billion

remained to be spent on investment projects already underway. This total represented an increase of \$21/4 billion over the corresponding total as of June 1963; the March-to-March increase was \$1\% billion. The June 1964 carryover was 60 percent of expenditures expected for the second half of the year, as compared with a corresponding ratio of 56 percent a year ago.

Of the \$2½ billion rise in carryover from June 1963, about two-thirds was accounted for by the nondurable goods industries and one-third by durable goods producers. All of the nondurable goods groups, except food, reported substantial increases over the year in the amounts yet to be expended on projects already underway. Within the durable goods group the bulk of the rise in carryover was accounted for by iron and steel producers.

Estimates of the value of new projects started during a quarter may be derived by adding the change in carryover over the quarter to expenditures during the quarter. "Starts" rose from

Table 2.-Starts of New Plant and Equipment Projects Manufacturing and Public Utilities !

[Billions of dollars]

	Quarterly, unadjusted									
		19	1964							
	I	II	III	IV	I	II				
Manufacturing Durable goods 2	4. 68 2. 47	4, 30 2, 27	4. 13 2. 06	4, 42 2, 12	5, 10 2, 48	5, 41 2, 65				
Primary metals Electrical machinery _ Machinery excluding	. 63	. 51	. 64	. 46	. 50	. 77				
electrical Transportation equip-	. 59	. 22	. 21	. 30	. 55	. 36				
ment Stone, clay and glass_	. 55	. 70	. 39	. 45	. 19	. 63 . 22				
Nondurable goods 2 Food and beverage	2. 20 . 30	2. 03 . 25	2.07	2.30 .29	2. 61	2. 76 . 24				
Textile Paper	. 14	. 17.	. 14	. 23	. 20	. 19				
Chemical Petroleum	. 34	. 39	. 49	. 38	. 59 1. 10	1.03				
Public utilities	2. 10	1. 67	78	1.48	1. 92	1. 54				

^{1.} Starts are estimated by adding changes in carryover to expenditures during the given period.
2. Includes industries not shown separately.

Sources: U.S. Department of Commerce, Office of Business Economics, and Securities and Exchange Commission

the first to the second quarter this year, whereas they declined in the corresponding period of 1963. This overall pattern characterized both the durable and nondurable goods groups.

Table 3.—Expenditures for New Plant and Equipment by U.S. Business, 1962-64

[Billions of dollars]

										IIIIOIIS	5 OI QU	лаз															
		Annu	al					Qua	rterl	y, una	djuste	ed						Quar	terly,	seasor	nally	adjust	ed at	annus	al rate	s	
		u			1962 1963			Ī	1964 1962				1963				1964										
	1962	1963	1964 2	ı	II	III	IV	1	II	III	IV	I	II	III 2	IV 2	I	II	III	IV	I	II	III	IV	I	II	III 2	IV 2
ALL INDUSTRIES	37, 31	39, 22	44, 21	8, 02	9, 50	9, 62	10. 18	8, 25	9. 74	10, 14	11.09	9, 40	11, 11	11, 28	12, 43	35, 70	36, 95	38, 35	37, 95	36, 95	38, 05	40, 00	41, 20	42, 55	43, 50	44. 55	46, 1
Manufacturing industries	14. 68	15, 69	18, 27	3, 14	3, 69	3, 72	4, 13	3, 27	3, 92	3, 95	4, 56	3, 79	4, 53	4.64	5, 30	14, 20	14, 45	15, 05	15, 00	14, 85	15, 30	15, 95	16, 45	17, 40	17. 80	18, 70	19. 0
Durable goods industries	1.10	1. 24	1. 59	1, 44 . 22 . 06	1, 77 . 28 . 07	1, 79 . 29 . 08	2, 03 . 31 . 10	1, 62 . 23 . 09	1, 96 . 30 . 10	1.96 .33 .12	2, 31 . 39 . 11	1, 93 . 34 . 09	2, 30 . 40 . 11	2.31 .40 .12	2, 66 . 46 . 14	6, 55 1, 00 , 25	6, 95 1, 10 , 30	7, 25 1, 20 , 30	7. 30 1. 10 . 35	7, 35 1, 05 . 40	7. 65 1. 15 . 40	8, 00 1, 30 , 45	8.30 1.40 .40	8.85 1.60 .40	9, 00 1, 60 , 45	9, 35 1, 55 , 50	9, 50 1, 60 , 50
ment. Machinery, except electrical. Motor vehicles and parts. Transportation equipment, exclud-	1. 27	1, 24	. 67 1. 53 1. 41	. 27	. 16 . 33 . 22	. 17 . 32 . 22	. 21 . 35 . 22	. 15 . 27 . 19	. 18 . 30 . 28	. 16 . 28 . 29	. 20 . 39 . 30	. 14 . 33 . 25	. 16 . 40 . 37	. 35	. 45	1.15	1.30	1.30	1. 25	1. 20	. 75 1. 15 1. 05	. 65 1. 20 1. 10	1.40	1.45	1.55	1. 50	
ing motor vehicles. Stone, clay and glass. Other durable goods ³ .	. 58	. 53 . 61 2. 05	. 48 . 68 2. 36	. 09 . 12 . 38	. 11 . 16 . 44	. 13 . 14 . 44	. 15 . 16 . 53	. 12 . 13 . 44	. 13 . 16 . 51	. 13 . 15 . 51	. 17	. 11 . 14 . 51	. 12 . 17 . 58	. 18	. 14 . 19 . 68	. 40	. 40	. 50	. 55	. 50		. 50		. 50		. 50	. 50
Nondurable goods industries. Food and beverage. Textile. Paper. Chemical. Petroleum. Rubber. Other nondurable goods 4	. 99 . 61 . 72 1. 56 2. 88	. 97 . 64 . 72 1. 61 2. 92	. 76 . 93 1. 86 3. 44	. 13 . 15 . 37 . 62 . 05	. 16 . 18 . 40 . 69 . 06	. 15 . 18 . 37 . 76	. 20 . 43 . 80 . 06	. 15 . 14 . 36 . 59	. 18 . 18 . 40 . 70 . 06	. 15 . 19 . 39 . 76 . 07	. 21 . 47 . 87	. 24 . 14 . 18 . 37 . 70	. 27 . 18 . 22 . 47 . 84 . 06	. 26 . 21 . 25 . 45 . 89 . 07	. 28 . 58 1. 01 . 07	. 70 1. 70 2. 85		. 70 1. 50	. 65 . 75 1. 50	. 95 . 65 . 65 1. 60	. 95 . 65 . 70 1. 55		. 95 . 65 . 80 1. 65	. 80	1.00 .65 .90 1.80	1.05 .85 1.00 1.85	1.0
Mining	1, 08	1.04	1, 12	. 26	. 27	. 28	. 27	. 24	. 26	. 27	. 28	. 26	. 29	. 29	. 2 8	1, 15	1, 05	1, 10	1,00	1, 05	1,00	1.05	1, 05	1, 15	1, 15	1, 15	1, 10
Railroads	. 85	1.10	1, 46	. 16	. 26	. 24	. 20	. 21	. 28	. 29	. 33	. 32	. 36	, 34	. 44	. 70	.95	1, 00	.80	.90	1.00	1, 20	1, 35	1, 40	1, 25	1.40	1, 90
Transportation, other than rail	2, 07	1, 92	2, 31	.47	. 60	. 50	. 50	. 39	. 54	. 45	. 54	, 51	, 63	. 56	. 61	2, 05	2, 25	2,00	1, 90	1, 70	2, 05	1, 85	2.10	2, 30	2, 25	2, 25	2, 4
Public utilities	5, 4 8	5, 65	6, 07	1.06	1, 37	1, 54	1, 52	1, 04	1, 40	1, 60	1, 61	1, 18	1, 58	1, 63	1, 69	5, 15	5, 40	5, 75	5, 45	5, 20	5, 45	5.90	5, 80	5, 95	6.30	6,00	6.00
Communication			14.98							. 93 2, 64				3, 81	4, 11				i I			3, 85 10, 20		1		 }15, 10	15. 60

^{1.} Data exclude expenditures of agricultural business and outlays charged to current

account.

2. Estimates are based on anticipated capital expenditures reported by business in August 1964. The estimates for 1964 have been adjusted when necessary for systematic tendencies

in anticipatory data.

3. Includes fabricated metal, lumber, furniture, instrument, ordnance, and miscellaneous industries.

^{4.} Includes apparel, tobacco, leather, and printing-publishing. 5. Includes trade, service, finance, and construction.

Note: Details may not add to totals due to rounding. Data for earlier years were published in the June 1956, March 1958, 1960, 1961, 1962, and 1963 SURVEY OF CURRENT BUSINESS.

Sources: U.S. Department of Commerce, Office of Business Economics, and Securities and Exchange Commission.

Transportation outlays rise sharply

Transportation companies' expenditures for new plant and equipment, comprising a relatively small part of total investment, are noteworthy for their sharp expansion this year. Increases of one-third and one-fifth over 1963 are now programed by the rail and nonrail groups, respectively.

Railroads spent somewhat less in the second quarter than in the first, but are now projecting sharply rising expenditures in the second half; fourth quarter outlays are expected to reach a record \$1.9 billion. The expansion centers in equipment purchases.

Nonrail transportation firms are also programing rising expenditures, to a record \$2½ billion in the last quarter of this year. The second half ex-

pansion—as well as the upward revision in capital budgets for the group as a whole since the last survey—stems primarily from the trucking industry.

Commercial investment high

Communications and commercial firms are projecting a record expenditure of \$15 billion for 1964, 8 percent above 1963. Second half outlays are expected to be well above those of the first half, with retail trade programs especially strong.

Expenditures by public utilities are also moving up to record levels after several years of little change. Outlays are expected to reach \$6 billion this year—7 percent above 1963—with not much change anticipated from the first to the second half.

Manufacturers Expect Higher Inventories and Sales in Second Half of 1964

MANUFACTURERS look for continued inventory accumulation and rising sales through the end of 1964, according to the regular quarterly survey of manufacturers' anticipations, conducted in August by the Office of Business

Economics. Factory stocks are expected to rise over \$1 billion in the second half of this year after increasing about one-quarter billion dollars in the first half. Fourth quarter sales are expected to be 2 percent above the

Table 1.-Manufacturers' Inventories and Sales: Actual and Anticipated

[Billions of dollars]

		19	61			1962 1963				1964						
	I	II	III	ıv	I	II	ш	IV	I	II	ш	IV	I	II	III1	IVı
Inventories, end of quarter																
Unadjusted													İ			
Durables	53. 7 31. 9 21. 8	31. 7	31. 6	54. 8 32. 2 22. 5	33. 7	56. 6 34. 1 22. 5	57. 1 34. 0 23. 1	33. 9	58. 4 34. 9 23. 5	59. 0 35. 5 23. 5	58. 8 35. 4 23. 5	59. 7 35. 6 24. 2	60. 7 36. 4 24. 3	60. 7 36. 8 23. 9	60, 5 36, 6 23, 9	61. 3 36. 8 24. 5
Seasonally adjusted																
All manufacturing Durables Nondurables	31. 6	31.4	31.8	32. 6	33. 4	56. 7 33. 8 22. 9	57. 3 34. 1 23. 2	34. 3	58. 1 34. 6 23. 5	58. 7 35. 2 23. 6	59. 1 35. 5 23. 6	60. 1 36. 0 24. 1	60. 3 36. 1 24. 2	60. 4 36. 5 23. 9	60. 8 36. 8 24. 0	61. 5 37. 2 24. 3
Sales, total for quarter																
Unadjusted																
Vit ingraskoturling Durables Nondurables	87. 9 43. 2 44. 8	93. 5 48. 2 45. 3	92. 0 45. 3 46. 7	97. 2 49. 7 47. 5	98. 8 51. 1 47. 7	102. 5 54. 3 48. 2	97. 8 49. 1 48. 7	51.7	101. 0 51. 9 49. 1	107. 0 57. 0 50. 0	102. 5 52. 2 50. 4	106. 8 55. 8 51. 0	108. 0 56. 3 51. 7		110, 3 55, 9 54, 4	113. 8 59. 3 54. 5
Seconally adjusted																i
	88. 6 43. 7 44. 9	46. 1	47.3	49. 1	51. 7	100. 2 51. 8 48. 3	100. 0 51. 5 48. 5	99. 9 51. 1 48. 7	101. 9 52. 6 49. 3	104. 4 54. 2 50. 1	105. 0 54. 8 50. 2	106, 2 55, 3 50, 9	109. 1 57. 1 52. 1	111. 1 57. 5 53. 6	113. 1 58. 9 54. 2	113. 5 59. 0 54. 5

¹ Anticipations reported by manufacturers] in August 1964. Inventories have been corrected for systematic tendencies in anticipatory data.

Sources: U.S. Department of Commerce. Anticipations, Office of Business Economics: actuals, Bureau of the Census.

Table 2.—Manufacturers' Evaluation of the Condition of Their Inventories ¹

[Percentage distribution]

	,	Total		D	urabl	ies	Nor	ıdura	.bles
	High	About right	Low	Ifigh	About right	Low	High	About	Low
1959 March 31	15 20 16 20	80 72 72 75	5 8 12 5	18 26 19 24	77 65 66 70	5 9 15 6	11 11 12 15	84 83 80 82	5 6 8 3
1960 March 31 June 30 Sept. 30 Dec. 31	26 29 24 24	72 69 75 75	2 2 1 1	33 34 30 27	65 65 69 72	2 1 1 1	15 22 15 17	83 76 83 81	2 2 2 2 2
1961 March 31	18 14 10 10	81 85 88 88	1 1 2 2	20 15 11 10	79 84 87 88	$\begin{array}{c}1\\1\\2\\2\end{array}$	16 13 9 9	83 85 88 89	$\frac{1}{2}$ $\frac{3}{2}$
1962 March 31	14 14 15 14	84 84 83 84	2 2 2 2	19 17 18 17	80 82 81 82	1 1 1	8 9 11 11	89 89 86 86	3 2 3 3
1963 March 31 June 30 Sept. 30 Dec. 31	15 15 17 13	82 83 81 85	3 2 2 2 2	17 18 19 14	81 80 80 84	2 2 1 2	12 10 14 10	85 88 83 87	3 2 3 3
1964 March 31 June 30	16 13	82 84	2 3	17 16	81 81	2 3	14	84 88	2 3

1. Condition of actual inventories relative to sales and unfilled orders position as viewed by reporting companies. Percent distribution of inventory book values according to company's classification of inventory condition.

Source: U.S. Department of Commerce, Office of Business Economics,

second quarter rate. If these anticipations are realized, the ratio of stocks to sales at yearend would be little enanged from midyear levels.

Sales up

Manufacturers' sales, at \$111 billion in the second quarter, were 2 percent higher than in the first quarter—about in line with the increase projected in the anticipations survey taken 3 months ago. The current survey projects sales at \$113 billion in the third quarter and \$113½ billion in the closing quarter. The anticipated 2 percent sales rise for the summer quarter, the same as projected in the May survey, is also about equal to the actual quarterly increase in the first half of this year.

Manufacturers of both durable and nondurable goods anticipate moderate increases in the summer quarter, followed by little further advance in the fourth quarter. The projected 2½ percent advance in hard goods sales in the current quarter is slightly larger than the average quarterly increase during the first half. All major durable goods industries are expecting advances.

Nondurable goods producers now project a 1 percent sales rise in the third quarter—less than the quarterly increase during the first half. Sales are then expected to increase one-half of 1 percent in the closing 3 months of the year to a new high of about \$55 billion.

Actual sales in the first two quarters plus current projections for the third and fourth quarters yield a 1964 total that is 7 percent above 1963. Sales projections by manufacturers reported in the Plant and Equipment Expenditures Survey in February placed the expected rise for the year at 6 percent.

Durable goods sales are about 1 percent above the earlier expectations and nondurables about 2 percent.

Moderate inventory accumulation anticipated

Manufacturers plan to add \$400 million to their inventories in the third quarter and an additional \$700 million in the fourth quarter, after seasonal adjustment. The projected additions would be substantially larger than the January–June average quarterly increase of a little over \$100 million. By yearend manufacturers' inventories are

expected to reach \$61½ billion. The \$1.4 billion rise for the year compares with additions of about \$2½ billion in both 1962 and 1963.

Durable goods producers are projecting inventory increases of almost equal magnitude in the third and fourth quarters—\$300 million and \$400 million, respectively; during the second quarter durable goods stocks rose about \$400 million. Yearend inventories of \$37½ billion would be equivalent to 1.9 months of sales, a ratio that is somewhat lower than the corresponding figure a year ago.

Nondurable goods producers expect to add \$100 million to their inventories between June and September and an additional \$300 million by yearend. At midyear nondurable goods inventories were a little lower than they were at the end of 1963. Thus, if current expectations are realized, stocks at the end of 1964 will be only slightly higher than they were a year earlier. The expected yearend stock-sales ratio is about 1.35, compared to about 1.40 in December 1963.

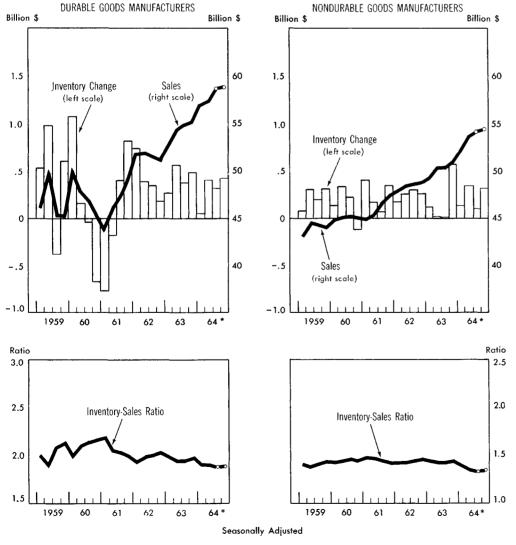
Current inventory condition

Manufacturers considered their stocks at the end of June to be in somewhat better shape than they were at the end of March. The June figures showed a significant drop from March in the proportion of inventories regarded as "high;" this proportion was the same as was reported for the end of last December.

Manufacturers holding 13 percent of total factory stocks classified their June inventories as "high" in relation to sales and unfilled orders. Firms accounting for 84 percent of stocks characterized their inventories as "about right," while the remainder designated their inventories as "low."

Manufacturers holding 16 percent of durable goods inventories judged their stocks as "high," slightly below the March ratio and close to the average ratio for 1963. Only 9 percent of nondurable goods manufacturers' inventories were classified as "high," the lowest ratio since early 1962.

Inventories and sales expected to rise to yearend with little change in stock-sales ratios



3d and 4th quarters are anticipated / Note: - Inventories, end of quarter; sales, total for quarter U.S. Department of Commerce, Office of Business Economics

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The Balance of Payments During the Second Quarter of 1964

JURING the second quarter the international reserves of the monetary authorities of the United States declined by \$303 million. Gold reserves increased by \$73 million—the first rise during a quarterly period since the second quarter of 1961. Holdings of convertible foreign currencies declined by \$258 million, however, and the gold tranche position of the United States in the International Monetary Fund was reduced by \$118 million. mainly because of our drawings of \$125 million. The gold tranche position represents nearly automatic drawing rights on the IMF for convertible foreign currencies. At the end of June these drawing rights amounted to \$786 million.

Liquid liabilities to foreigners, consisting of their deposits in U.S. banks, their holdings of marketable time deposit certificates, marketable Government securities and privately issued short-term obligations, increased by \$199 million (revised from \$245 million shown in the preliminary estimate released last month). Foreign holdings of nonmarketable medium-term Government securities convertible into cash at short notice rose by \$122 million.

Thus, the balance on our international transactions during the second quarter, measured by changes in U.S. official monetary reserves and in liquid liabilities to foreigners, was adverse by \$624 million if foreign holdings of convertible medium-term Government securities are included among the liquid liabilities. If they are excluded and considered long-term foreign investments in the United States, the balance was \$502 million (table I, lines C1a and C2a).

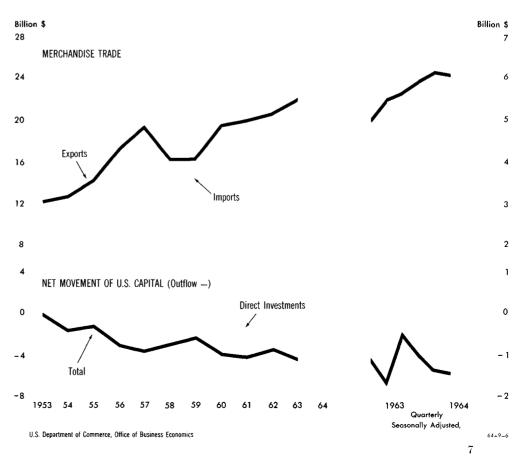
Seasonal factors improved the balance by about \$110 million. Payments on imports, tourist expenditures, Government grants and capital outflows, and

private capital outflows are seasonally high during the second quarter, but the seasonal effects on these transactions are more than compensated by the seasonal rise in merchandise exports. After adjustment of the various types of transactions for seasonal changes the balance including the convertible medium-term Government securities was \$733 million: excluding these securities it was \$611 million (table I. lines C1 and C2). Both of these balances correspond to a balance of \$85 million in the first quarter when foreign holdings of convertible nonmarketable medium-term Government securities did not change. For the full year 1963 the corresponding balances were \$2,644 and \$1,942 million respectively.

Special Government transactions shift to net payment

A major factor in the increase of the negative balance from the first to the second quarter was the change in "special" Government transactions (other than the convertible mediumterm, nonmarketable securities), particularly advance payments on military sales.

During the first quarter, cash receipts on military contracts exceeded deliveries by about \$150 million; in the second quarter cash receipts fell



short of deliveries by about \$75 million (table 1, line B2). (These figures are still based on uncertain information and are subject to revision.) As other "special" Government transactions were offsetting in the first quarter and were relatively small in the second (table 1, lines 1 and 3), the balance on all "special" transactions changed from net credits of \$148 million in the first quarter to net debits of \$51 million in the second, thus accounting for about \$200 million of the shift in the over-all balance.

Erratic movements

Apart from these special types of Government transactions the seasonally adjusted balance on the other ("regular") types of transactions thus changed from net debits of \$230 million in the first quarter to about \$680 million in the second.

To a large extent this was not unexpected. As had been pointed out in the June issue of the *Survey*, the balance in the first quarter was favorably affected by transactions or conditions of very short run significance. Some

of these continued into the second quarter, but their effect on the balance had become smaller. Most important were the large shipments of foodstuffs to Western Europe and the Soviet bloc in consequence of exceptionally bad 1963 harvests.

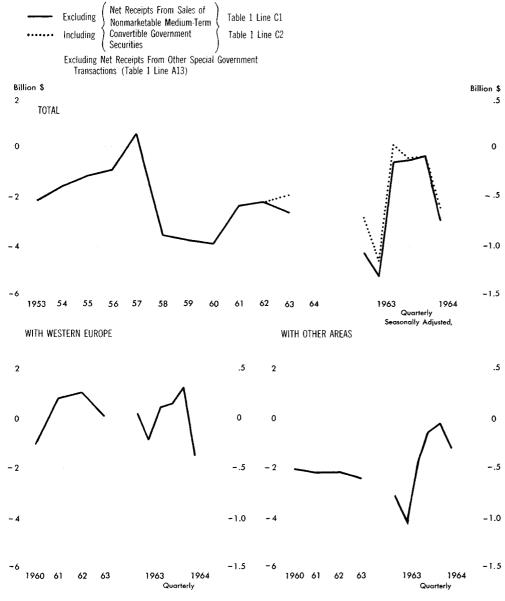
Other developments or transactions with an erratic effect on the movement of the over-all balance appear to have been relatively small in the second quarter, and partly offsetting. Major outflows of corporate funds during April for short-term investment abroad (not included in direct investments), which contributed to a relatively large adverse balance in that month, apparently were followed by reductions in such investments during the follow-2 months. The outstanding amounts of such investments-after seasonal adjustment-did not change significantly during the quarter as a whole.

Short-term capital outflows reported by banks for June included a major increase in dollar and foreign currency deposits abroad, a large part of which appear to have been repatriated in July. Direct investments were also affected by several unique or temporary transactions, but largely with an offsetting effect.

A rough estimate of these erratic types of capital movements, to the extent that they are known, would suggest that they may have worsened the balance during the second quarter by perhaps \$100 to \$150 million. This would in part have been compensated, however, by the extraordinary exports continued from the first quarter. The net adverse effect of these very short term or erratic influences on the balance may not have been more than \$50 million. This would compare with favorable net effects of such developments in the first quarter in the general magnitude of \$200 to \$300 million, so that their quarter to quarter change may account for as much as \$300 million of the decline in the balance.

Changes in foreign and domestic economies

Perhaps a smaller, but in the longer run more significant, part of the change of the balance from the first to the second quarter may be attributed to



^{*}Except changes in U.S. reserves and in liquid liabilities

U.S. Department of Commerce, Office of Business Economics

the economic developments in the United States and in the major foreign countries. In the United States, final demand—particularly for durable goods-continued to expand and inventory accumulations exceeded those in the first quarter. Orders for machinery and equipment accelerated, and with new orders exceeding shipments. delivery periods have lengthened. At the same time financial resources of corporations as well as of the banking system remained high.

In contrast, in many of the major countries in Western Europe, and in Canada and Japan, the rise in business activity during the second quarter appears to have been slower than earlier in the year or in 1963. In Western Europe and Japan this change was the result of various measures curtailing business liquidity in order to dampen inflationary pressures and to prevent deteriorations in the balance of payments. The changes in foreign business activity do not have to be interpreted as a major cyclical change, however, but rather as attempts to avoid distortions in continuing economic expansions.

The combination of these domestic and foreign business developments, as could be expected on the basis of past experience, had a dampening effect on U.S. exports and stimulated imports. At least in the early stages of such developments—as long as investment opportunities abroad are not seriously affected by a decline in the utilization of foreign productive capacity and in investment incomes-they also could be expected to stimulate capital outflows, as foreign demand for capital is diverted from internal to foreign sources.

Merchandise exports

The \$70 million decline during the April-June period in merchandise exports after seasonal adjustment interrupted a continuous quarter-by-quarter rise which had begun early in 1963. The decline, however, was due mainly to a temporary dip in exports during June. Exports moved up in July by a margin wide enough to offset the June dip. Averaging the June and July figures, the monthly trend in exports has been almost flat since December 1963. Exports financed by Government grants and capital outflows increased during the second quarter by about \$100 million.

Major developments in exports during the second quarter included (1) a reduction in shipments of agricultural

Table 1.-Analysis of U.S. Balance of Payments, Seasonally Adjusted, Excluding Military Grant Aid

[Millions of dollars]

	Calend	ar year		1964				
	1962	1963	ı	II	III	IV	I '	II p
Transactions other than changes in official monetary assets and in liquid liabilities (including nonmarketable medium-term convertible Government securities)								
. U.S. PAYMENTS (DEBITS) RECORDED	33, 486	35, 990	8,724	9,713	8, 482	9,071	9, 219	9, 742
Imports of goods and services Merchandise	25, 021 16, 134	26, 335 16, 996	6, 327 4, 037	6, 531 4, 212	6, 733 4, 368	6, 744 4, 379	6, 745 4, 366	7, 009 4, 576
3. Military expenditures	3,044	2,897	747	731	711	708	717	731
4. Other services	5, 843 738	6, 442 826	1, 543 209	1, 588 209	1, 654 206	1, 657 202	1, 662 197	1, 702 208
6. Government grants and capital outflows	4, 293	4, 522	1,060	1, 336	1,009	1, 117	923	1, 130
7. (Transactions involving no direct dollar outflows from the United States)	3, 220	3,635	809	1,081	815	930	776	925
8. (Dollar payments to foreign countries and inter- national institutions)	1,073	887	251	255	194	187	147	201
9 U.S. private capital	3, 434	4, 307	1, 128	1,637	534	1,008	1, 354	1, 39
10. Direct investments	1, 654 1, 227	1.888	618	477	235 303	558 238	517 227	513 261
11. Long-term portfolio	553	1, 685 734	546 -36	598 562	-4	212	610	621
I. U.S. RECEIPTS (CREDITS) RECORDED	32, 394	33,685	7,780	8, 429	8, 596	8,880	9, 326	9,04
1. Exports of goods and services	30, 084	32, 020	7, 535	7, 977	8,037	8, 471	8, 997	8, 799 6, 04
 Merchandise	20, 576 2, 363	21, 989 2, 720	4, 990 595	5, 472 827	5, 610 627	5, 917 671	6, 112	73
4. Military sales	656 3,850	659 3, 969	181 1,036	206 969	117 963	155 1,001	210 1, 227	143
6. Income on investments, Government	471	498	123	124	125	126	128	12
7. Other services	4, 531	4, 905	1, 205	1,206	1, 222	1, 272	1,320	1, 29 15
8. Repayments on U.S. Government loans, scheduled. 9. Repayments and selloffs, nonscheduled	599 681	643 326	141 25	156 34	183 241	163 26	164 52	3
10. Foreign private capital other than liquid funds 11. Government liabilities	166 864	310 386	-24 103	266 -4	113 22	-45 265	22 91	10 -4
ELECTED BALANCES (NET CREDITS +,	304	350	100			200	"	-
DEBITS -) . Regular types of transactions, seasonally adjusted:			ĺ					
1. Merchandise trade, excluding military	4, 442	4, 993	953	1, 260	1, 242	1, 538	1,746	1, 46
2. Military sales and expenditures	-2, 388 3, 326	-2,238 $3,273$	-566 884	-525 814	-594 780	-553 795	-507 1,040	-58
4. Other services 5. Goods and services	-317 5, 063	-343 5, 685	-63 1, 208	-103 1,446	-124 1,304	-53 1,727	-27 $2,252$	1, 78
6. (Excluding exports of goods and services financed	'	ĺ						
by Government grants and capital outflows)	2, 155 -738	2,347 -826	-209	-209	543 -206	-202	1,495 -197	-20
8. Government grants and capital outflows, less	.00	}					1	
changes in associated liabilities, less scheduled loan repayments	-3, 547	-3,785	-899	-1,170	-791	-925	-768	-94
Domestic and foreign private capital: 9. Direct and long-term portfolio	-2,609	-3, 244	-1, 159	-876	-442	-767	-731	-696
10. Short-term	-659	-753	7	-495	21	-286	-601	-59
11. Miscellaneous Government non-liquid liabilities 12. Errors and unrecorded transactions	-1,111	-339	(z) -118	-11	-267	$-2 \\ 57$	-192	-3
13. Balance on regular types of transactions (seasonally								-
adjusted)	-3,605	-3, 261	$\begin{vmatrix} -1,170\\ -357 \end{vmatrix}$	$\begin{bmatrix} -1,314 \\ -102 \end{bmatrix}$	-379 441	-398 18	-233 -302	-68 -10
15. Balance on regular types of transactions before	-3,605	-3, 261	-813	-1,212	-820	-416	69	-57
adjustment Special Government transactions (not seasonally adjusted.	-5,005	-3, 201	-813	-1,212	020	110	"	
1. Non-scheduled receipts on Government loans	681	326	25	34	241	26	52	3
2. Advances on military exports. 3. Sales of non-marketable, medium-term, non-con-	470	334	20	-5	80	239	151	-7
vertible securities	251	-43 31	63 58	-10 19	-95 -45	$-1 \\ -1$	-55 -5	_
5. Foreign currency securities	251	-74	5	-29	-50		-50	(x)
6. Sales of non-marketable, medium-term, convertible securities.	l	702	350	152	175	25		12
7. Dollar securities		150 552	125 225	152	25 150	25		12
.1. Balance A+B excluding net receipts from sales of		002	220	102	100	20		.~
nonmarketable, medium-term, convertible Govern- ment securities (including seasonal adjustment of						1	ĺ	
items in A) 1a. Excluding seasonal adjustment (equals line 52,	-2,203	-2,644	-1,062	-1,295	-153	-134	-85	-73
table 3)	-2,203	-2,644	-705	-1,193	-594	-152	217	-62
 Balance A+B including net receipts from sales of non-marketable, medium-term, convertible Gov- 	ļ	ļ			ļ			
ernment securities (including seasonal adjust-		1 040	710	1 140	99	100		-61
ment of items in A) 2a. Excluding seasonal adjustment (equals line 52a,	-2,203	-1,942	-712	-1,143	22	-109	-85	Į
table 3)	-2,203	-1,942	-355	-1,041	-419	-127	217	-50
and in foreign holdings of marketable U.S. Govern-								10
ment bonds and notes (decrease—) 1. Foreign holders other than official (lines II-2, 3, 4;	670	1, 564	323	917	192	132	-166	19
table 6)	213	594	397	144	47	196	233 -399	11.8
2. Foreign official holders (line II-1, table 6)	1,533	970 378	$-74 \\ 32$	773 124	145 227	126 -5	-51	30
1. IMF gold tranche position	626	-113	-46 -33	2 6	-28	15 -58	-228	113 253
2. Convertible currencies.								

Revised.
 Preliminary.
 Less than \$500,000.
 Includes certificates sold abroad by Export-Import Bank.

products from the record rate of the January-March period, and (2) tapering off of the rise in exports of nonagricultural goods.

About \$60 million of the \$100 million seasonally adjusted decrease in agricultural products during the second quarter was due to the decline in special grain shipments to the Soviet Bloc as deliveries under existing contracts with the Soviet Union were virtually completed in May. Excluding the extraordinary sales to the Soviet Bloc, agricultural exports during the second quarter were at a seasonally adjusted annual rate of \$5.9 billion. In view of the substantial increases anticipated in foreign crops which compete with U.S. exports, it is somewhat questionable that this rate can be sustained during the remainder of the year.

The gain in exports of nonagricultural products during the April-June period was only a very minor one, especially when compared to the substantial increases occurring in the two preceding quarters. Although exports to Mexico, Venezuela, the Philippines, Australia, the Union of South Africa, and some aid-recipient countries such as India and Pakistan, moved significantly higher, sales to the major industrial

Table 2.-U.S. Balance of Payments by Major Components, 1 Seasonally Adjusted [Millions of dollars]

IM mions	of dollars						
	Calendar year		196	6 3 r		19	64
	1963 r	I	II	III	IV	1,	II p
Goods and Services, Government Assistance and Long-Term Capital Accounts ²							
2. Less: Those financed by Government grants and	21, 989	4, 990	5, 472	5, 610	5, 917	6, 112	6,04
capital 3. Merchandise exports, other than those financed by	2, 720	595	827	627	671	632	73:
Government grants and capital	19, 269 -16, 996	4, 395 -4, 037	4, 645 -4, 212	4, 983 -4, 368	5, 246 -4, 379	5, 480 -4, 366	5, 30 -4, 57
Balance on trade excluding exports financed by Govern- ment grants and capital.	2, 273	358	433	615	867	1, 114	73
-	9, 372	2, 364	2, 299	2, 310	2, 399	2,675	2, 61
Nonmilitary service exports. Less: Those financed by Government grants and capital. Service exports other than those financed by Govern-	601	153	168	129	151	135	14
8. Service exports other than those financed by Government grants and capital	8,771 $-6,442$	2, 211 -1, 543	2, 131 -1, 588	2, 181 -1, 654	2, 248 -1, 657	2, 540 -1, 662	$ \begin{array}{c c} 2,46 \\ -1,70 \end{array} $
Balance on services other than those rendered under Government grants and capital	2, 329	668	543	527	591	878	76
11. Balance	4, 602	1, 026	976	1, 142	1, 458	1, 992	1, 50
Other major transactions: Military expenditures. Military expenditures.	-2,897	-747	-731	-711 193	-708 390	-717 371	-73 e
Military cash receipts. Government grants and capital-dollar payments to foreign countries and international institutions. Repayments on U.S. Government loans excluding	982 -887	204 -251	195 -255	-194	-187	-147	-20
fundings by new loans and repayments on military credits. 5. U.S. direct and long-term portfolio investments abroad. 6. Foreign direct and long-term portfolio investments in	793 -3, 573	122 -1, 164	153 1,075	404 -538	114 -796	188 -744	-7
the United States	$^{329}_{-826}$	-209	199 -209	96 -206	29 -202	-13 -197	-20
securities 3 9. Miscellaneous Government nonliquid liabilities	-43 1	63 (z)	-10 1	-95 2	$-1 \\ -2$	$-55 \\ 4$	(z)
10. Balance	6, 121	-1, 977	-1,732	-1, 049	-1, 363	-1, 284	-1,60
C. Balance on Goods and Services, Government Assistance and Long-Term Capital Accounts	-1,519	-951	-756	93	95	708	-10
O. Recorded U.S. private short-term capital outflow less foreign short-term credits to the United States	,						
(excluding foreign liquid dollar holdings)	-786 -339	7 -118	-528 -11	$-21 \\ -267$	-286 57	$ \begin{array}{c c} -601 \\ -192 \end{array} $	-59 -8
Sales of nonmarketable, medium-term, convertible Government securities	702	350	152	175	25		1:
Balance C+D+E	-2,644	-1,062	-1,295	-153	-134	-85	-78
I. Balance C+D+E+F	-1,942	-712	-1,143	22	-109	-85	-63
Memorandum item: Reconciliation of "Military cash receipts" (line B-2) with Table 1.4							
 Military sales (table 1, line II-4). Less: Military sales financed by credits (table 4, 	659	181	206	117	155	210	1.
line 25)	17 6	$-\frac{2}{1}$	10 4	5 1	(z) 4	-10 (z)	(z) (z)
4. Change in liability for advances on military exports (table 1, line B-2)	334 982	20 204	-5 195	80 193	239 390	151 371	-:

U.S. Agricultural Exports, by Quarters

[Millions of dollars]

	I	II	III	IV	January- June
Total, all areas: 1962	1, 228 1, 212 1, 608	1, 351 1, 414 1, 501	1, 159 1, 255	1,300 1,704	2, 579 2, 626 3, 109
Western Europe: 1962	530 514 626	623 558 555	508 498	573 760	1, 153 1, 072 1, 181
Canada: 1962	93 96 102	126 119 136	90 101	118 128	219 215 238
Japan: 1962 1963	143 149 223	112 135 150	85 147	145 228	255 284 373
Soviet Bloc in Europe (exclud- ing Poland): 1962	3 6 110	7 4 51	5 4	3 24	10 10 161
Other: 1962 1963 1964	459 447 547	483 598 609	471 505	461 564	942 1,045 1,156

^{1.} Export data as published by the Census Bureau have been adjusted for changes in U.S.-owned stocks of grain held in Canada, and for transshipments of U.S. grain via Canada to Western Europe, Japan and other destinations.

countries were down from the first quarter rate.

The interruption of the uptrend in nonagricultural exports to Western Europe and Japan during the second quarter may be associated with (1) the leveling off of the rise in industrial production in each of these areas, and (2) the rising claims of U.S. domestic business on the resources of our economy.

U.S. Nonagricultural Exports to Major (Excluding Industrialized Countries Special Category Goods and Aircraft)

[Million of dollars, seasonally adjusted]

	Canada	Western Europe	Japan
1963 1st quarter 2d quarter 3d quarter 4th quarter	793 842 892 955	1, 030 1, 189 1, 166 1, 203	233 238 269 275
1964 1st quarter 2d quarter	1, 011 978	1, 314 1, 301	290 270

Source: Office of Business Economics based on data collected by the Bureau of the Census.

The decline during the April-June period in the seasonally adjusted noncultural exports to Canada reflected The lifting in two developments. March of 1963 of the temporary import restrictions which had been imposed at the time of the Canadian exchange

<sup>Revised. Preliminary. Less than 500,000. Note.—See note to table 1.
Excludes military transfers under grants.
Short-term capital movements between parent companies and their foreign affiliates are reported as part of direct in-</sup>

Includes portfolio fund certificates sold abroad by Export-Import Bank.
 The entries for the 4 quarters of fiscal year 1964 for military transactions are estimates based upon incomplete reports.

Source: Office of Business Economics from basic data of Bureau of the Census.

crisis in the late spring of 1962, resulted in a bulge in Canadian demand to replenish the depleted stocks of U.S. produced goods. This demand probably declined during the latter part of 1963 and the first half of 1964.

At the same time the rise in Canadian business activity and particularly investments in productive facilities raised the demand for U.S. commodities, particularly capital goods and certain industrial materials such as steel. The high farm incomes resulting from good harvests and large wheat exports to the Soviet Bloc and other countries late in 1963 and the first half of 1964 also increased Canadian demand for farm equipment.

Through the first quarter of 1964 these developments resulted in rising exports from the United States. During the second quarter, however, the rise in the Canadian demand for industrial and agricultural investment goods slowed down and did not com-

U.S. Nonagricultural Exports, by End-Use Categories, by Quarters

[Millions of dollars]

[M1	llions	of dolla	rsj		
	I	II	III	IV	Jan- uary- June
Total, all categories: 1962 1963 1964		3,842 4,048 4,527	3, 488 3, 752	3, 610 4, 152	7, 388 7, 525 8, 779
Fuels: 1962 1963 1964	168 197 207	217 252 242	231 269	210 257	385 449 449
Other industrial materials: 1962	1, 204	1, 275 1, 386 1, 580	1, 260 1, 374	1, 213 1, 407	2, 499 2, 590 3, 056
Machinery: 1962	1, 181	1, 346 1, 401 1, 549	1, 174 1, 233	1, 241 1, 379	2, 532 2, 582 3, 015
Autos and parts: 1962	432 429 572	479 507 598	397 423	484 606	911 936 1, 170
Aircraft and parts: 1962	134 96 89	93 65 81	48 44	63 51	227 161 170
Manufactured con- sumer goods (ex- cluding passen- ger cars): 1962	273 263 318	291 317 335	271 281	274 317	564 580 653
Other and unclassified: 1962	129 107 124	141 120 142	107 128	125 135	270 227 266

^{1.} Excluding special category commodities.

pensate anymore for the decline in the demand for the replenishment of inventories of imported goods which had been depleted after the exchange crisis.

Nearly three-fourths of the \$1.25 billion year-to-year rise in nonagricultural exports in January-June 1964 was accounted for by gains in shipments of industrial materials (excluding fuel) and machinery. Autos and parts contributed most of the remaining rise. Exports of manufactured consumer goods (excluding passenger cars) in the first half of 1964 were up by about \$75 million from the first half of 1963. Although this gain was relatively smaller than the rise in exports of industrial materials and machinery, it was considerably larger than the \$16 million rise in the corresponding period a year earlier.

About three-fifths of the total rise in machinery exports during the first half of 1964 as compared with the same period of 1963 reflected stepped-up deliveries to Canada and Western Europe, with the balance of the increase made up of shipments to the less-developed areas of the world.

With reference to our exports of machinery, it is significant that unfilled exports orders continued to rise through July.

Merchandise Imports

The second quarter import rate of \$18.3 billion was nearly reached in March and continued without significant change through July. (June imports were somewhat below that rate, but this shortfall was compensated for in July.) The 5 months plateau followed an earlier period with little change from July 1963 through February 1964.

This movement in total imports resulted from rather different developments in the broad import categories. Imports of capital and consumer goods, including automobiles, have been rising steadily since the beginning of 1963 and accelerated from the first to the second quarter of 1964. These commodities—which comprise about 20 to 25 percent of total imports—accounted for nearly half of the second quarter gain. Imports of industrial materials rose relatively sharply in the middle

quarters of 1963, remained relatively steady through the early months of this year, and accelerated again in the second quarter of this year. Foodstuffs moved more erratically, being affected by changing prices for sugar and coffee, and by a decline in the import demand for meat, and in various periods offset the movements in other imports. Their was no change from the first to the second quarter of this year.

Overall imports appear to have been lower during the first quarter of this year than might have been expected on the basis of various factors which appear to have determined import values over the last 10 years. The

Changes in U.S. Imports—by Commodity Group

	Average	Change from 1st to 2d quarter, 1964				
Commodity categories	weight in total imports 1960–63	Seasonally adjusted				
		Mil- lions of dollars	Percent of total change			
Total imports 1	(100)	+207	100.0			
Industrial supplies and materials, total 'Steel Petroleum Other materials 'Consumer goods (nonfood), total	(51) (3) (11) (37) (16) (3) (13) (5) (4) (12) (22) (7) (3) (3) (12) (12)	+113 +12 +41 +60 +71 +18 +53 +22 +21 +1 +3 +24 -21 -2	54. 6 5. 8 19. 8 29. 0 34. 3 8. 7 25. 6 10. 1 0. 5 1. 4 11. 6 (-)10. 2			

^{1.} Based on general imports excluding uranium as published by Bureau of the Census.

Area Changes in U.S. Imports 1

[1st half 1963 to 1st half 1964]

	Aver- age weight	half 1	from 1st 963 to lf 1964
	in total	Mil-	Percent
	imports	lions of	of total
	1960-63	dollars	change
Total, all areas	(100)	+793	100.0
Canada	(21)	+206	26. 0
	(22)	+54	6. 8
	(28)	+274	34. 5
	(8)	+94	11. 9
	(21)	+165	20. 8

^{1.} Imports as adjusted to balance of payments basis.

Source: U.S. Department of Commerce, Office of Business Economics, based on data collected by the Bureau of the Census.

Source: U.S. Department of Commerce, Office of Business Economics, from basic data of Bureau of Census.

Table 3.-U.S. Balance of Payments-By

									1	· · · · · · · · · · · · · · · · · · ·						[Mi	llions of
					All areas	ı					West	tern Eu	rope				tern rope
Line	Type of transaction			1963		-	19	64			1963			19	64	19	63
		Year	1	п	III	IV	I	II	Year	I	II	III	IV	I	II	Year	I
1 2	Exports of goods and services. Goods and services transferred under military	33, 502 1, 482	7, 751 447	8, 917 675	7,688 134	9, 146 226	9, 094 305	n.a.	11, 567 753	2,759 221	3, 194 369	2, 523 76	3, 091 87	3, 101 135	n.a. n.a.	211	30
3	grants, net. Goods and services excluding transfers under	32, 020	7, 304	8, 242	7, 554	8, 920	8, 789	9,076	10,814	2, 538	2, 825	2, 447	3,004	2, 966	2, 989	211	30
4 5	military grants. Merchandise, adjusted, excluding military Transportation	21, 989 2, 078	4, 959 465	5, 704 548	5, 205 528	6, 121 537	6, 115 503	6, 296 564	7, 559 981	1,754 219	1, 955 262	1, 727 252 33	2, 123 248	2, 132 238	2, 082 272	174 15	23 3
6 7	Travel Miscellaneous services: Private	934	185 396	264 392	288 394	197 478	223 424	300 421	111 658	22 158	31 155	33 149	25 196	24 168	50	(z) 12	(x) 3
8	Government, excluding military	233	55	58	58	62	59	63	69	17	17	18	17	17	167 17	1	(x)
9	Military transactions Income on investments: Direct investments	659 3, 059	164 782	244 697	103 643	148 937	193 925	180 865	543 507	136	207 122	82 102	118	131 178	148		-
11 12	Other private	910 498	210 88	227 108	226 109	247 193	253 94	$\frac{275}{112}$	208 178	165 49 18	50 26	52 32	118 57 102	57 21	160 65 28	9	1
13 14 15 16	Imports of goods and services Merchandise, adjusted, excluding military Transportation Travel	26, 335 16, 996 2, 310 2, 070	5, 961 3, 929 501 314	6, 604 4, 227 633 538	7,031 4,314 635 820	6, 739 4, 526 541 398	6, 476 4, 353 524 335	7,083 4,596 659 585	9, 213 4, 714 1, 297 688	2,030 1,061 264 72	2, 359 1, 171 377 208	2,434 1,166 371 288	2,390 1,316 285 120	2, 221 1, 225 274 85	2, 584 1, 281 394 253	101 82 4 7	21 18 1 (²)
17 18 19	Miscellaneous services: Private. Government, excluding military Military expenditures. Income on investments:	422 446 2, 897	99 95 747	103 92 731	110 157 711	110 102 708	99 130 717	101 100 731	235 114 1, 496	56 28 391	59 24 371	59 33 362	61 29 372	59 31 373	58 30 398	(z) 7 1	(z) (z)
20 21	Private Government	794 400	185 91	185 95	180 104	244 110	207 111	201 110	448 221	109 49	97 52	97 58	145 62	113 61	108 62	(x)	(z)
22 23 24 25	Balance on goods and services. Evcluding transfers under military grants Unilateral transfers, net [to foreign countries (—)] Excluding military transfers.	7, 167 5, 685 -4, 204 -2, 722	1,790 1,343 -1,098 -651	2,313 1,638 -1,382 -707	657 523 -787 -653	2,407 2,181 -937 -711	2,618 2,313 -966 -661	n.a. 1,993 n.a. -758	2,354 1,601 -1,189 -436	729 508 -328 -107	835 466 -474 -105	89 13 -189 -113	701 614 193 111	880 745 -225 -90	n.a. 405 n.a. -89	110 110 -37 -37	9 9 -10 -10
26	Private remittances	-564	-137	-141	-135	-151	-127	-135	-158	-31	-32	-46	-49	-36	-41	-26	-7
27 28 29	Military grants of goods and services Other grants Pensions and other transfers	-1, 896 -262	-447 -445 -69	-675 -500 -66	-134 -455 -63	-226 -496 -64	-305 -467 -67	n.a. -556 -67	-753 -148 -130	$ \begin{array}{r} -221 \\ -43 \\ -33 \end{array} $	-369 -40 -33	-76 -36 -31	-87 -29 -33	-135 -22 -32	n.a. -16 -32	-8 -3	
30 31 32 33 34 35 36 37 38 39	U.S. captial, net [increase in U.S. assets (-)] Private, net Direct investments, net New foreign securities sold in the United States- Redemptions. Other transactions in foreign securities Other long-term, net Short-term, net. Covernment, net Long-term capital Repayments on U.S. Government loans,	-4,307 -1,888 -1,250 195 -49 -581 -734 -1,657 -2,181	-1,505 -1,043 -563 -486 -43 -79 -19 61 -462 -558	-2, 420 -1, 704 -509 -513 -72 -128 -532 -716 -620	-329 -259 -145 -166 -52 -15 -114 -99 -70 -441	-1,710 -1,301 -671 -85 50 87 -320 -362 -409 -562	-1,503 -1,260 -453 -127 -54 -94 -243 -585 -243 -514	-1,927 -1,471 -554 -286 -38 -56 -134 -591 -456 -692	-1,540 -1,707 -887 -272 23 3 -504 -70 167 -304	-465 -428 -407 -65 2 -16 -29 87 -37 -103	-713 -637 -146 -154 3 -35 -134 -171 -76 -67	112 -139 -92 -19 10 -2 -83 47 251 -54	-474 -503 -242 -34 -8 56 -258 -33 29 -80	-394 -370 -269 -366 -155 -15 -24 -87	-678 -596 -290 -13 7 53 -99 -254 -82 -125	-56 -25 -16 -9 -31 (x)	(x) (x) (x) (x) (x) (x)
40 41 42	Repayments on U.S. Government loans, scheduled. Repayments and selloffs, nonscheduled Foreign currency holdings and short-term claims, net fincrease (-)].	326 -445	121 25 -50	131 261	163 241 -33	228 26 -101	144 52 75	130 33 73	209 277 -15	19 24 23	35 16 -60	233 6	89 4 16	16 47	34	14 -45	(x)
43	Foreign capital (lines 44-48), net [increase in U.S. liabilities (+)].	696	76	237	132	251	110	29	476	109	138	105	124	51	-6	(2)	(x)
44 45 46	Direct investments in the United States Other long-term investments U.S. private short-term commercial and broker-	-5 334 -19	-5 10 -29	47 152 67	40 56 17	-87 116 -74	$^{25}_{-12}$	20 58 25	-16 201 26	-14 2 31	61 81 21	44 38 28	-107 80 -54	-35 -6	20 21 26	(x) (x)	(z)
47	age liabilities. U.S. Government liabilities other than interest- bearing securities.	429	37	-19	114	297	143	-66	314	27	-9	90	206	145	-65	(x)	(z)
48	U.S. Government nonmarketable, medium-term, nonconvertible securities. U.S. Government nonmarketable, medium-term,	-43 702	63 350	-10 152	95 175	-1 25	55	-8 122	-49 577	63 225	-16 152	-95 175	-1 25	-55	-8 122		
50	convertible securities. Increase in short-term official and banking liabilities and in foreign holdings of marketable U.S. Government bonds and notes [decrease (-)].	1, 564	323	917	192	132	-166	199	665	48	501	84	32	-27	-1	4	-4
51 52	Increase (—) in monetary reserve assets, including gold, convertible currencies, and IMF gold tranche position. Reduction in monetary reserve assets and increase	378	32	124	227	-5	-51	303	287	71	155	129	-68	-195	228		
	in liquid liabilities including U.S. Government nonmarketable, medium-term, convertible se- curities (lines 49-51)	2,644	705	1, 193	594	152	-217	624	1,529	344	808	388	-11	-222	349	4	-4
52a	Excluding increase in U.S. Government nonmar- ketable, medium-term, convertible securities (lines 50 and 51)	1,942	355	1,041	419	127	- 217	502	952	119	656	213	-36	-222	227	4	-4
53	Errors and omissions and transfers of funds between foreign areas [receipts by foreign areas (-)], net	-339	32	59	-267	-163	-42	39	-1,630	-389	-594	-505	-142	-90	19	-21	1
III I	Memorandum items: Increase in reported total foreign gold reserves and liquid dollar holdings ² . Through estimated net receipts from, or payments (-) to, the United States ³ . Through other transactions ⁴ .	3, 489 2, 575 914	843 690 153	1, 339 1, 177 162	736 579 157	571 129 442	-117 -236 119	1, 164 602 562	2, 043 -101 2, 144	388 -45 433	886 214 672	422 -117 539	347 -153 500	-179 -312 133	811 368 443	4 -17 21	-4 -3 -1

n.a. Not available. $ilde{}$ Less than \$500,000. $ilde{}$ 1963 and I 1964 revised, II 1964 preliminary.

^{1.} Transactions with shipping companies operating under the flag of the Bahamas, Honduras, Liberia and Panama are included in "unallocated."

^{2.} Changes in reported total gold reserves of foreign banks and governments (including international organizations but excluding the countries of the Soviet bloc), net of convertible currencies held by U.S. monetary authorities, plus liquid claims on the United States plus net changes in their IMF position through U.S. dollar transactions.

Area, 1963, and First and Secnod Quarters 1964*

dollars]]																							
East	tern E	urope-	-Conti	nued				Canad	a			Latin Ameri- can Re- publics	Other Western Hemi- sphere	Lat	in Ame	rican Re He	epublics mispher	and oth	her Wes	tern		Japan		
1963-	-Conti	inued	19	964			1963			19	064	1963	1963			1963			19	64		1963		Line
	ш	IV	1	II	Year	I	11	III	IV	I	11			Year	I	11	ш	ıv	I	II	Year	I	II	
· 75	39	67	171	126	5, 568	1, 222	1, 452	1, 351	1, 543	1,510	1,667	5, 410 55	640	6, 050 55	1, 367 23	1,600 16	1, 447 3	1, 636 13	1, 554 13	n.a. n.a.	2, 274	545	512	1 2
75 67	39 27	67 57	171 163	126 116	5, 568 4, 106	1, 222 921	1, 452 1, 094	1, 351 981	1, 543 1, 110	1, 510 1, 121	1, 667 1, 264	5, 355 3, 252	640 370	5, 995 3, 622	1, 344 792	1, 584 983	1, 444 875	1, 623 972	1, 541 945	1,687 1,058	2, 274 1, 811	545 436	512 404	3 4
(z)	3 (z)	(z)	(x)	(z) 5	125 372	26 72	31 107	34 126	34 67	28 104	33 119	293 344	53 35	346 379	75 79	93 106	89 104	89 90	81 82	95 105	148	36	36 6	5 6
3 (x)	(x)	3	(x)	(x)	189	(x) 3	44 1 7	47 1	54 1	49 1	48 1	319 51	22 1	341 52	79 12	82 13	86 13	94 14	81 14	81 16	99	23 2 4	24 3	8
					18 441	87	88	79	187	108	105	801	(*) 155	17 956	10 234	226	214	2 282		3 257	23	7	5 4	10
1	6	1	(*) 1	1 1	314	69	80	79	86	83	91	152 126	(x)	156 126	38 25	40 37	38 24	40 40	22	45 27	107 31	24 10	26 4	11 12
26 22 1 1	30 23 1 4	24 19 1 2	25 22 1 (*)	27 24 1 1	4, 966 3, 710 124 522	1,036 808 27 40	1, 259 961 33 110	1,409 944 33 286	1, 262 997 31 86	1.167 930 28 49	1,349 1,045 31 125	4, 548 3, 514 171 532	822 530 29 152	5, 370 4, 044 200 684	1, 322 1, 010 46 173	1,315 992 50 165	1, 353 994 52 186	1, 380 1, 048 52 160	1,402 1,071 50 174	1, 345 1, 018 55 160	2, 101 1, 497 113 52	485 338 27 9	511 353 28 13	13 14 15 16
$\begin{pmatrix} x \\ 2 \\ x \end{pmatrix}$	$\begin{pmatrix} z \\ z \\ z \end{pmatrix}$	(z) 1 1	(x) 2 (x)	1 (x)	62 11 278	16 2 83	15 3 73	17 3 64	14 3 58	15 3 72	14 4 64	106 83 • 79	7 3 92	113 86 171	24 20 34	26 23 40	32 22 49	31 21 48	23 21 43	26 22 44	6 12 365	2 3 94	1 3 99	17 18 19
(x)	(x)	(z)	(x)	(x)	202 57	46 14	50 14	47 15	59 14	54 16	51 15	52 11	(z) 9	61 11	13 2	16 3	15 3	17 3	17 3	18 2	32 24	7 5	8 6	20 21
49 49 -8	9 9 -9	43 43 -10	146 146 -9	99 99 -11	602 602 29 29	186 186 -8	193 193 -6	-58 -58 -7	281 281 -8	343 343 -7	318 318 -8	862 807 -427	-182 -182 -28	680 625 -455	45 22 -115	285 269 -130	94 91 -96	256 243 -114	152 139 -116	n.a. 342 n.a.	173 173 -32 -32	60 60 -8	1 1 -8	22 23 24 25
-8 -6	-9 -6	-10 -7	-9 -7	-11 -8	-29 -5	-8 -2	-6 (x)	-7 -1	-8 -2	(z)	-8 -1	-372 -101	-28 -18	-400 -119	-92 -33	-114 -42	-93 -20	-101 -24	-103 -20	-92 -21	-32 -25	-8 -6	-8 -6	26
-2 (z)	-2 -1	$\begin{bmatrix} -2 \\ -1 \end{bmatrix}$	-1 -1	-2 -1	 24	 			 6		 	-55 -251 -20	-8 -2	-55 -259 -22	$ \begin{array}{r} -23 \\ -52 \\ -7 \end{array} $	-16 -66 -6	-3 -68 -5	-13 -73 -4	$-13 \\ -76 \\ -7$	n.a. -65 -6		(z) -2	(z) -2	27 28 29
-52 -13	5 2	-13 -14	-11 -8	-40 4	-846 -847	-468 -468	-452 -450	18 14	56 57	-326 -324	-305 -305	-538 -160	-168 -162	-706 -322	-74 61	-317 -147	-113 -52	-202 -184	-79 -112	-328 -246	-888 -835	-96 -93	$ \begin{array}{r r} -312 \\ -253 \end{array} $	30
			(x)	(x)	-339 -693 107 37	-119 -348 27 10	$ \begin{array}{r r} -55 \\ -260 \\ \hline 30 \\ -3 \end{array} $	$ \begin{array}{r r} -54 \\ -61 \\ 27 \\ -3 \end{array} $		-68 -86 30 15	-187 -18 -4	-64 -35 18 -1	-156 -1 1 -1	$ \begin{array}{r} -220 \\ -36 \\ \hline 19 \\ -2 \end{array} $	$-13 \\ 1 \\ 2$	-101 (x) 8	$-\frac{31}{23}$	-157 	$ \begin{array}{c c} -30 \\ -13 \\ 2 \\ 3 \end{array} $	$ \begin{array}{c c} -100 \\ -56 \\ $	$ \begin{array}{r r} -68 \\ -164 \\ 9 \\ -29 \end{array} $	-13 -42 5 -10	-35 -65	31 32 33 34 35 36
-8 -5 -39	2 (z) 3	-10 -4 1	-6 -2 -3	1 3 -44	17 24 1	19 -57 (2)	33 -195 -2	-26 131 4	-9 145 -1	-219 -2	-29 -135	21 -99 -378	-1 -12 -6	28 -111 -384	-14 78 -135	-5 -4 -45 -170	24 -89 -61	22 -55 -18	-15 -59 33	14 -101 -82	-120 -463 -53	-10 -21 -12 -3	$ \begin{array}{r r} -15 \\ -5 \\ -134 \\ -59 \\ \end{array} $	37 38
1	8	(z) 1	(x) 4	1								-556 215	-6	-562 215	-124 35	-198 44	-88 34	-152 102	-80 44	-144 47	-93 61	-16 26	-65 17	39 40
-40	- 5	(z)	-7	-45	1	(z)	-2	4	-1	-2		34 71	(x)	-71	-47	-23	-11	22 10	52 17	-18	21	-13	-11	41 42
(z)	(x)	(x)	(x)	(x)	48 44	-18 2	28 21	-2 -4	40 25	40 13	34 15	36 25	6	42 -24	-22 -2	52 -3	25 -11	-13 -8	14 4	2 -3	-39 -11	6	-32 -31	43 44
(z) (z)	(x) (x)	(x)	(x) (x)	(x) (x)	44 12 -8	-3 -17	11 -4	(z) 3	25 4 10	13 8 -4	15 23 -2	-25 57 -22	5 (x)	$-\frac{62}{22}$	-2 3 -29	-3 30 13	10 4	-19 -10	10 11	$-\frac{4}{7}$	-28^{5}	(x) -6	-3	44 45 46
(x)	(x)		(x)		-1 1	(z)	-1 1	~1	(z)	23	-2 	26	(x)	26	6	12	22	-14	-11	8	-5 	(x)	1	47
6	-4	6		5	125 -64	125 -72	151	-10	-133	 -305	59	594	12	606	216	167	121	102	27	160	259	59	54	49 50
					(-)	(1)	(2)										•			22				
6	-4	6	-3	5	61	53	151	-17 -27	17 -116	-2 -307	61	-32 562	12	-32 574	-17 199	-34 133	16 137	3 105	3 30	- 26 134	259	59	54	51 52
6	-4	6	-3	5	-64	-72	151	- 27	-116	-307	61	562	12	574	199	133	137	105	30	124	259	59	54	52a
5	-1	-26	- 123	-53	164	255	86	76	-253	257	-100	- 495	360	-135	-33	-23	-47	-32	-1	-58	527	-15	297	53
					150		1=1			050	4.04	-00	4.0	#A00	100		464	• ==			25-		į .	
6	-4 -5	$\begin{vmatrix} 6 \\ -20 \end{vmatrix}$	-3 -126	5 -48	170 225	77 308	174 237	7 49	-74 -369	-253 -50	121 -39	586 67	12 372	598 439	188 166	127 110	132 90	151 73	38 29	146 76	259 786	59 44	54 351	II
-5	1	26	123	53	-55	-231	-63	-56	295	-203	160	519	-360	159	22	17	42	78	9	70	-527	15	-297	ш

^{3.} For "All areas" equals balance (with reverse sign) of line 23 (less net sales of gold by domestic sources to (+) or purchases from (-) the monetary gold stock of the United States) plus lines 25, 30, 43, and 53. Domestic sales to (+) or purchases from (-) the monetary gold stocks were in millions of dollars: 1963 I, -15; II, -16; III, -15; IV, -23; 1964 I, -19; II, -22.

Source: U.S. Department of Commerce, Office of Business Economics.

 $^{{\}bf 4.}$ Line I minus line II for all areas represents gold obtained by foreign central banks and governments outside the United States.

Table 3.—United States Balance of Payments—By Area, 1963, and First and Second Quarters, 1964*—Continued

												[Mill	ions of d	lollars]												
		Ja	pan		Aust	tralia, I	New Ze	aland	and So	uth Af	rica		Other	countrie	s in Afr	ica and	Asia		Interr	nationa	l instit	utions	and ur	alloca	ted I	
	19	63	19	64			1963	,		19	64			1963			1964	<u> </u>			1963			19	64	
	111	IV	1	II	Year	I	11	111	IV	I	11	Year	I		III	IV	I		Year		11	III	IV	I	11	
1_2	567 	650	676	576	1,167	276	299	260	332	323	376	6,347 674	1,471 203	1,704 290	1,427 55	1,745 126	1,679 157	n.a. n.a.	318	81	81	74	82	80	77	$\frac{1}{2}$
3	567 449	650 522	676 550	576	1, 167	276 194	299 211	260 199	332 242	323 244	376 275	5, 673 3, 871	1, 268 839	1, 414 990	1, 372 947	1, 619 1, 095	1, 522 960	1, 578 1, 048	318	81	81	74	82	80	77	3
5 6	39 6	522 37 5	38 4	453 37 8	846 58 20	12 3	17 6	14 7	15 4	12	18	245 32	55 6	61 8	63 12	66	62	61	160	39	44	34	43	40	43	4 5 6
7 8	23 2	29 2	24 2	24 2	89 (*)	21	21 (2)	21	26 (*)	23	22 (x)	189 99	48 24	43	45 24	53 27	56 25	56 27	83	20	20	20	23	20	20	6 7 8
9 10	4 7	10 8	6 7	4	26	(z) 3 36	(2) 11 24	`4 9	8 29	`18 16) 9 37	1,012	247	24 7 229	24 5 227	27 5 309	12 347	10 298	11 19	4 6	3	3 5	1 4	1 6	(x) 4	8 9 10
11 12	26 11	31 6	35 10	38 6	98 27 3	6 1	8 1	5 1	(x) 8	6	(z) 8	53 151	12 33	13 39	14 35	14 44	16 38	17 50	45 (*)	12 (z)	10	12	11	12 1	10	11 12
13 14 15 16	563 413 30 14	542 393 28 16	498 365 30 8	565 420 31 12	841 654 52 12	206 157 14 4	182 139 14 2	247 199 11 3	206 159 13 3	198 150 15 3	198 155 14 3	3, 110 2, 226 115 105	721 522 24 16	812 573 29 39	797 560 32 39	780 571 30 11	790 571 27 16	866 631 31 31	633 69 405	140 15 98	140 16 101	198 15 105	155 23 101	175 19 99	149 22 102	13 14 15 16
17 18 19	1 3 88	2 3 84	1 3 76	2 4 81	1 8 105	(z) 1 28	(z) 1 24	(z) 3 29	$\begin{array}{c}1\\3\\24\end{array}$	(z) 3 25	(z) 3 20	5 135 481	1 32 117	$\begin{array}{c} 2\\ 34\\ 124 \end{array}$	1 35 119	1 34 121	1 34 128	1 34 124	(z) 73 (z)	(x) 7	$\begin{pmatrix} z \\ z \\ z \end{pmatrix}$	(z) 56	(x) 8	(z) 33	2	17 18 19
20 21	8	9 7	9	9	6 3	1 1	2	1	2	1 1	2	30 13	6 3	8 3	8 3	8 4	9 4	10 4	15 71	3 17	4 17	4 18	4 19	4 20	3 20	20 21
22 23 24 25	4	108 108	178 178	11 11	326 326	70 70	117 117	13 13	126 126	125 125	178 178	3,237 2,563	750 547	892 602	630 575 -457	965 839	889 732	n.a. 712	-315 -315	-59 -59	-59 -59	-124 -124	-73 -73	-95 -95	-72 -72	22 23 24 25
24 25 26	-9 -9 -7	-7 -7 -6	$\begin{bmatrix} -7 \\ -7 \\ -6 \end{bmatrix}$	-8 -8 -6	-9 -9 -6	$ \begin{array}{c c} -3 \\ -3 \\ -2 \end{array} $	$-2 \\ -2 \\ -1$	-1 -1 -1	-3 -3 -2	-3 -3 -2	$-3 \\ -3 \\ -2$	-2,308 -1,634 -222	-613 -410 -56	-721 -431 -54	-457 -402 -54	-517 -391 -58	-578 -421 -56	n.a. -486 -56	-145 -145 -3	-13 -13	-33 -33	-19 -19	-80 -80 -3	-21 -21	-61 -61	24 25 26
27		(z)	(z)								(z)	-222 -674 $-1,339$	-203 -335	-290 -359	-55 -330	-126 -315	-157 -347	na -411	-142	-13		-19	-3 	-21	-61	27 28 29
28 29 30	(z) -2 -116	-1 -364	-1 -289	-1 -88	-3 -82	-1 -15	-1 -59	(*) 26	-1 -34	-1 -17	-1 -25	-73 -1,701	-19 -335	-18 -476	-18 -268	-18 - 622	-18 -373	-19 - 453	-145		-39	7	 -57	 -14	-10	
31 32 33 34	-120 -15 -52	-369 -5 -5	-309 -28	-91 -9	-114 -111 -17	-16 -13	-78 -49 -17	18 11	-38 -60	-20 -31	-28 -28	-387 -236 -68	-43 -21 -18	-97 -89 -17	-27 -11	-258 -99 -22	$ \begin{array}{r} -94 \\ -2 \\ -24 \end{array} $	-200 -140 -30	- 70 -27	-56 3	-29 -34	1	8 3	-23 -25 -4	-9 -19	30 31 32 33 34 35 36 37
34 35 36	$\begin{bmatrix} -8 \\ -39 \end{bmatrix}$	(z) 4 -55	13 4 61	(z) 4 -19	15 -10 28	$-\frac{2}{1}$	-14 -1	5 2 4	6 3 24	2 -5	4 3	10 7 -14	$\begin{array}{c c} & 1 \\ -1 \\ & 25 \\ & 26 \end{array}$	$\begin{bmatrix} -2 \\ -9 \\ 16 \end{bmatrix}$	20 4	-10 -34	1 1 -5	$\begin{pmatrix} z \\ -5 \\ 0 \end{pmatrix}$	12 -55	-63	2	3	3	3 3	8 2	34 35 36
35 36 37 38 39 40	-9 4 -9 12	-308 -3 -3 6	-237 20 -3 25	$-67 \\ -3 \\ -4 \\ 7$	-19 32 (z) 17	-5 1 (z) 1	1 19 (z) 8	-4 8 4	-11 4 4	12 3 3	-11 3 3	-86 -1,314 -1,144 122	-29 -292 -309 34	-379 -283 -26	23 -279 -290 36	-96 -364 -262 26	-65 -279 -344 50	-26 - 253 -418 38	(z) -75 -78 5	-1 $-\frac{6}{2}$	-10 -7	(z) 3	(z) -65 -65	9 2	(*) -1 -1	38 39 40
41 42	<u>i</u> -	2		(z)	15 (x)	(z)	11	4 (*)		(z)		-292		-122		-128	15	127		4			(z)	7		41 42
43	-5	-2	1	-9	34	-7	5	7	29	3	-6	56	10	62	-5	-11	-4	3	79	4	-16	7	84	5	11	43
44 45	11 (z)	3 4	6 -2	-12	(z) 1	(z) (z)	(x) (x)	(r) 1	(z) (z)	(z) -1	(x) (x) (x)	2 30	3 4	-1 23 32	(x) (x) -10	(z) 3 -13	(2)	(*) 5	23	4 (z)	6	7	6	6	5	44 45 46
47	-14	-4	-3	-1	28	(x)	-3	(z)	31	-3	-6	11	4	3	5	-13	-7	-1	56		(x) -22		78	-1	1	47
48 49												5 		5												48 49
50	77	69	-9	-4	38	3	11	-12	36	-17		195	117	40	-59	97	237	49	-139	-44	-13	-5	-77	-69	-69	50
51				-50								24	9	-15	25	5	-7	9	99	-31	18	74	38	150	140	51
52	77	69	-9	-54	38	3	11	-12	36	-17		219	126	25	-34	102	230	58	-40	-75	5	69	-39	81	71	52
52a	77	69	-9	-54	38	3	11	-12	36	-17		219	126	25	-34	102	230	58	-40	-75	5	69	-39	81	71	52 a
53	49	196	126	148	-307	-48	-72	-33	-154	-91	-144	497	62	218	134	83	-164	166	566	199	142	60	165	44	61	53
I	77	69	-9	-54	187	63	60	35	29	-16	-14	220	131	25	-33	97	227	69	8	-59	7	114	-54	78	80	I
II	126	265	117	94	-269	45	61	-45	-118	-108	-144	716	188	243	100	185	66	224	457	109	131	114	103	106	110	II
III	-49	-196	-126	-148	456	108	121	80	147	92	130	-496	-57	-218	-133	-88	161	-155	-449	-168	-124		-157	-28	-30	III

See footnotes on pages 12 and 13.

most important factors exerting a positive influence on imports over that period seem to have been the demand for final goods and for inventory accumulations in the United States. while increases in business activity in other industrialized countries appear to have had a negative effect. Changes in overall import prices generally have caused imports to move in the same direction.

Most of the first quarter lag in imports was overcome during the second quarter as imports moved closer to the point that could be expected on the basis of these historic relationships. This explains a part of the import rise. The other part of the rise can be attributed to the increase in final demand in the United States, the acceleration in inventory accumulations and the slowdown in demand and production abroad. Overall import prices remained stable.

The changes by type of commodity were reflected in the area composition of imports. Most of the increase came from the countries exporting chiefly manufactured goods: Western Europe and Japan. Imports from Canada. consisting partly of manufactures, and partly of industrial materials, also expanded more than proportionally.

The rise in imports from Latin America was much smaller. Although the value of coffee imports was higher due to the recent increase in prices, other foodstuff imports, such as meat and sugar, fell off. Imports from other developing countries held their previous share, partly because their products, particularly coffee, were substituted for some of those previously obtained from Latin America.

The trade balance declined from the first to the second quarter by \$280 million after seasonal adjustment; if exports financed by Government grants and capital outflows are omitted the decline was \$380 million. This change thus accounts for the largest share of the deterioration by about \$450 million in the seasonally adjusted balance on regular transactions.

Services and capital transactions

Transactions in services and investment incomes were also less favorable than in the first quarter, as tourist

expenditures and related payments for transportation continued to move up while receipts from foreign investments declined. The latter had been exceptionally high in the previous quarter. Some deterioration also occurred in military transactions, mainly because of a decline in deliveries on outstanding orders. A higher cash outflow under foreign assistance programs followed a relatively low outflow earlier in the year, and does not indicate a change in the longer run trend.

The outflow of U.S. private capital which in the first quarter was already high by recent experience advanced still further after seasonal adjustment, although only by the moderate amount of \$40 million, and reached about \$1.4 billion.

Second quarter direct investments which continued at the first quarter rate of more than \$500 million include a \$50 million purchase by an American corporation of a European enterprise and two major liquidations of investments in Canada totaling \$75 million. One of the latter transactions, involving \$40 million, represented a shift from direct to other long-term investments

Table 4.—Analysis of Government Grants (Excluding Military) and Capital Outflows and Changes in Government Liabilities

[Millions of dollars] 1963 1964 111 IV Πp Item 11 Not adjusted for seasonal variations Government grants and capital outflows:
Under farm products disposal programs
Under Foreign Assistance Act and related programs
Under Export-Import Bank Act 1,668 2,145 388 552 143 62 25 399 442 510 $\frac{588}{178}$ 495 524 106 Under Export-Import Bank Act Subscriptions to IDA and IDB 83 105 27 24 31 Other assistance programs 21 97 Foreign currency claims acquired in the collection of— 6 7 8 94 148 29 41 19 33 15 41 19 46 Interest
Less: Foreign currencies used for U.S. Government uses other than grants or loans.

Advances under Exchange Stabilization Fund agreements, 50 88 101 231 65 57 59 9 25 29 7 2 -13 -1210 Other, net (including changes in administrative cash hold--4Total, Government grants and capital outflows (not sea-12 -155 11 1,053 929 906 1,175 1.381 1.159 522 Changes in Government liabilities other than interest-bearing securities:
Associated with Government grants and capital outflows.
Non-interest-bearing securities issued to IDA.
Non-interest-bearing securities issued to IDB. 17 32 60 36 -1213 14 15 $-\hat{2}\hat{2}$ Non-interest-bearing securities issued to UN for special 23 43 43 -1 programs_ oreign funds retained in Government accounts, to be used for purchases in the United States_____ 16 -1536 13 --16 11 -6 151 $-1 \\ -76$ 334 $2\hat{0}$ 80 239 2 -24 (x)(x)1 1 20 37 114 297 143 -66 429 Adjusted for seasonal variations Total, Government grants and capital outflows (seasonally adjusted) (table 1, line I-6).

Estimated transactions involving no direct dollar outflows from the United States.

Expenditures on merchandise in the United States. 21 1,130 923 4.522 1,060 1,336 1,009 1.117 22 815 627 129 929 733 145 1,081 776 3,635 2,720 $\frac{595}{153}$ $671 \\
151$ $632 \\ 135$ penditures on services in the United States 601 168 Military sales financed by credits (including short-term, (*) 16 -10 28 5 19 4 75 -2 43 Refunding of Government loans Retiniting of Government Joans
Government Joans to repay private credits.

Increase in Government liabilities associated with Government grants and capital (including changes in retained 35 20 29 -9 94 10 35 quals: Estimated dollar payments to foreign countries and international institutions through Government grants and 29 187 147 201 251 255 194 887 30 Total, changes in Government liabilities other than inter-117 266 146 -41 est-bearing securities (seasonally adjusted).

Change in liabilities associated with Government grants and 429 40 31 Change in liabilities associated with Government grants and capital outflows (line 28, above).

Change in liabilities for advances on military exports (table 1, line B-2 and table 2, memorandum line 4).

Change in miscellaneous Government nonliquid liabilities (table 1, line A-11 and table 2, line B-9) 20 10 35 29 -935 94 32 151 -7620 80 239 -5 334 33 2 4 (z)

P Preliminary.
 Less than \$500,000.
 The entries for the four quarters of fiscal year 1964 for military transactions are based upon incomplete reports. Source: U.S. Department of Commerce, Office of Business Economics.

which are included as debits in line 36 of table 3 and line I11 in table 1.

The direct investment outflow of Europe accounted for about 60 percent of the total. About half of that (including the \$50 million mentioned above) was invested in manufacturing companies and large amounts were also reported by oil companies.

The large capital outflow of \$140 million to the less-developed countries of Asia and Africa shown in table 3 represent in part long-term investments by oil companies but may include also the financing of receivables of their foreign affiliates. Some of these capital outflows, therefore, may have provided temporary funds to oil consuming countries, presumably mostly in Europe. Although some of this outflow of capital through direct investments has a short-term character, this

was offset by inflows, particularly from Canada, which also seem to be of that type.

Several large investments in foreign companies have been announced recently. In view of these developments it does not seem that the direct investment outflow during the first half of the year has been out of line with what can be expected in the near future.

Purchases of new issues of foreign securities placed in the United States increased from \$127 million in the first quarter to \$286 million in the second. About \$100 million of the \$160 million increase were Canadian. Of the remainder, \$50 million were bonds sold by the Inter-American Development Bank. Purchases of Canadian new issues, totaling \$187 million, included \$50 million representing the last portion of a \$300 million issue negotiated early in 1963. The same amount of that

Table 5.—U.S. Short-Term Private Capital, 1963 and 1st Half 1964, by Country and Type
[Millions of dollars]

	Amount		Ch	anges 1	(decreas	es (-))	-	
	outstand- ing end of June	Calendar year		196	3 ⁷	Ì	196	64
	1964	1963 r	I	II	III	IV	1 -	ΙΙ»
Total short-term capital outflow (table 3, line 37, p. 12)	9, 286	734	-61 -36	532 562	-99 -4	362 212	585 610	591 621
Total reported by U.S. banks ²		742	-77 -62	402 492	-74 41	491 271	414 429	537 627
Major financial centers, total United Kingdom EEC and Switzerland Canada	341 495	61 4 -28 85	-46 -24 -43 21	207 -9 108 108	-177 7 -84 -100	77 30 -9 56	69 -35 23 81	350 151 56 143
By type: Commercial and financial claims payable in dollars Foreign currecny deposits and claims	1, 053 617	36 25	-28 -18	97 110	-82 -95	49 28	25 44	222 128
Other countries, total Japan Latin American Republics Other	2,469	681 431 97 153	$ \begin{array}{c c} -31 \\ 11 \\ -72 \\ 30 \end{array} $	195 120 38 37	103 19 89 -5	414 281 42 91	345 228 53 64	187 69 80 38
By type: Commercial and financial claims payable in dollars. Foreign currency deposits and claims.		662 19	-37 6	195 (*)	97 6	407 7	343 2	166 21
Total reported by nonfinancial concerns		-8 -31	16 26 16	130 70 118	-25 -45 -25	-129 -59 -140	171 181 171	54 -6 49
Major financial centers, total United Kingdom. EEC and Switzerland. Canada.	262 332	-120 -15 5 -110	-9 -46 (z) 37	97 5 4 88	-13 18 (z) -31	-195 8 1 -204	141 -2 4 139	14 39 -10 -15
Claims payable in dollars Foreign currency deposits and claims.	n.a. n.a.	-82 -38	-30	116 -19	-34 21	-185 -10	79 62	n.a. n.a.
Other countries, total	n.a.	89 94 -5	25 24 1	21 3 18	-12 -13 1	55 80 -25	30 -11 41	35 n.a. n.a.
Claims of brokerage concerns	113	23		12		11		5

Revised. Preliminary. n.a. Not available. Less than \$500,000

issue had also been purchased in the first quarter. Most of the other securities were issued by public authorities or local governments.

After seasonal adjustment total new foreign issues were about \$250 million. While this is the largest amount since the interest equalization tax was proposed, it was not much more than half of the average amount purchased during the three quarters preceding that proposal. The balance of payments effects of these changes should be evaluated not only on the basis of the decline in new issues since that time, but also by taking into consideration that funds transferred to Canada are more likely to return to the United States than those transferred elsewhere.

Transactions in other foreign securities changed to net liquidations after the interest equalization tax was proposed, and these reached a peak in the first quarter. In the second quarter net sales have declined, but compared with the first half of 1963 the effect of the tax on such transactions would still be well over \$100 million.

The net outflow of funds through long-term bank loans was only \$67 million as against \$230 million in the first quarter, and \$320 million (omitting a large transfer of receivable by banks from a commercial enterprise) in the last quarter of 1963. After adjustment for seasonal variations the decline was even greater, but the outflow of short-term funds reported by banks nearly compensated for this decline.

The composition of this short-term outflow was somewhat different than in previous quarters. While formerly most of the short-term capital outflow reported by banks was in the form of loans and acceptance credits, the second quarter outflow of \$537 million (before seasonal adjustment) included only an increase of about \$190 million in that form. About \$200 million was in other forms of U.S.-dollar claims including U.S.-dollar deposits, and nearly \$150 million in foreign currency assets such as deposits and other liquid investments. A large part of these types of assets reported by banks are held by them for their domestic customers.

The largest part of the rise in dollar

^{1.} Changes adjusted for variations in coverage and therefore do not necessarily correspond to changes computed from reported amounts outstanding.

^{2.} Excludes Exchange Stabilization Fund holdings.

^{3. 2}d quarter 1964 estimated on the basis of partial preliminary reports; amount outstanding at the end of June 1964 estimated on the basis of figures for the end of March 1964 plus the preliminary data on movements during the 2d quarter of 1964.

and foreign currency deposits occurred in June, and much of that was reversed again in July. The total reduction during July in short-term assets reported by banks was over \$170 million, which would support the supposition that a large part of the second quarter outflow of bank-reported capital was for very short-term purposes, perhaps associated with financial reports of the borrowers due at the end of June, or with a temporary increase in financial stringencies abroad.

The moderate second quarter rise in U.S. capital outflow was roughly equal to an increase in capital inflows resulting from higher net purchases by foreigners of U.S. securities, but the latter change may be interpreted as a return from an exceptional situation in the first quarter (when special transactions resulted in relatively large foreign sales), rather than a basic change in these transactions.

Major changes in area balances

The economic developments here and abroad affected mainly our transactions with Western Europe. A large part of the adverse change in the balance with Western Europe was in transactions in goods and services. There was also a considerable increase in the outflow of private capital, particularly of short-term funds, but some of these have returned in July. Omitting these movements of short-term funds and the "special types" of Government transactions, the second quarter balance on the remaining transactions with Western Europe approximately equalled that for the second quarter of 1963. The balance in the first quarter of 1964 (partly because of various temporarily favorable conditions) was considerably better than a year earlier.

Some deterioration occurred also in the transactions with the less developed countries. These changes were partly offset, however, by an improvement in our balances with Canada, with Australia, New Zealand and South Africa (viewed as one area), and with Japan.

As a result of parallel changes in transactions both with the United

States and with other countries, the total of Western Europe's official monetary reserves (including convertible special government securities and net of convertible currency holdings of U.S. monetary authorities) and of privately held liquid dollar assets increased in the second quarter by about \$800 million, not much less than in the corresponding period of 1963. This was a considerable change from the first quarter of 1964 when Western Europe had net losses of nearly \$200 million compared with gains of close to \$400 million a year earlier. All of the rise in European liquid assets was in official reserves, as those attributed by U.S. banks to foreign private holders remained virtually unchanged.

Gold and dollar gains of the less developed countries in Latin America, Asia and Africa continued, and were slightly more than in the corresponding period a year earlier.

Thus, the second quarter change in the international payments pattern was again characterized by large net payments by the United States and corresponding net receipts by Western Europe. This would indicate that the balance of payments problem, while

less severe than in previous years, continues to require serious attention.

The sharp rise during the second quarter in official reserve position of European countries did not result in increased demands for gold from the United States. The transfer of funds to Europe was accomplished partly through the use by U.S. monetary authorities of convertible currencies. Some of these had been previously accumulated and some were newly drawn from the IMF. In addition. European countries made further net purchases of U.S. convertible, nonmarketable medium-term Government securities. A major element in the limited European demand for U.S. gold was also the very large sale of gold by the Soviet Union to finance its purchases of grain. Most of that gold was added to European official gold reserves, which rose during that period by nearly \$400 million. This corresponds to about half of the net gain in the European official reserve position. As a result of these transactions, European holdings of U.S. banks balances and of U.S. money-market securities did not increase during the quarter.

Table 6.—Changes in Short-Term Official and Banking Liabilities and in Foreign Holdings of Marketable U.S. Government Bonds and Notes

[Mil	lions of dol	lars]						
	Amount			Chi	inges di	iring pe	riod	
	ing end of	year		19	63		19	64
	Amount outstanding end of June 1964 1: 25, 623 1 13.337 12.095 1, 242 6, 053 2, 655 3, 578		I	II	III	IV	Ιr	II »
I Total (decrease -) (line 50, p. 12) 1	25, 623	1, 564	323	917	192	132	-166	199
II By foreign holders: 1. Foreign central banks and governments, total a. As reported by U.S. banks b. Other	12,095	970 504 466	-74 -178 104	773 592 181	145 15 130	126 75 51	-399 -452 53	85 80 5
Foreign commercial banks ² . International and regional institutions ¹ . Other foreigners and undetermined	2, 655	438 -238 394	386 -65 76	75 46 115	-31 -15 93	8 -112 110	284 -85 34	86 -26 54
III By type of liabilities: 1. Deposits in U.S. banks	12, 016	1, 131	428	451	56	196	308	1
U.S.Government obligations: a. Bills and certificates payable in dollars b. Bonds and notes (marketable) c. Nonmarketable certificates payable in foreign currencies	7, 941 2, 664 30	-641 671 -18	-422 128	212 240 -23	-153 215 -25	-278 88 30	-582 -2	-167 -76
3. Time deposit certificates, bankers accept- ances, commercial paper, and other liabili- ties	2,879	412	189	31	92	100	132	430
4. Other banking liabilities payable in foreign currencies.	93	9		6	7	-4	-22	11

Revised. P Preliminary. Less than \$500,000.

1. Excludes dollar holdings of the IMF except for those acquired by the IMF through gold sales to the U.S. with the option to reverse the transaction. These transactions amounted to \$200 million in 1956, \$300 million in 1959 and \$300 million in 1960; and the corresponding liabilities of \$800 million at the end of 1963 are included in the total liabilities and in those shown to international and regional institutions. Other dollar assets of the IMF at the end of June 1964 were \$3,339 million.

2. Includes banking liabilities to foreign official institutions held through foreign branches of U.S. banks and through foreign commercial banks.

National Income and Corporate Profits

Table 1.—National Income by Type of Income (I-8, I-9)

[151.	110113 01	dollars					
				1963		190	64
1961	1962	1963	п	III	IV	I	II
426.9 4 302.2 3 278.8 227.0 10.2 41.6 23.4 11.8 11.6 9.2 2.4 48.2 35.3 35.3 .0 12.9			Season	ally adj	usted a	t annua	l rates
426, 9	455, 6	478, 5	474.6	481.9	490.0	498.4	507.1
278. 8 227. 0 10. 2 41. 6 23. 4 11. 8 11. 6	323. 1 297. 1 241. 6 10. 8 44. 7 25. 9 13. 6 12. 3	340, 3 312, 1 252, 9 10, 9 48, 3 28, 2 15, 1 13, 1	338, 1 310, 1 251, 6 10, 7 47, 8 27, 9 15, 0 13, 0	342. 7 314. 3 255. 0 10. 7 48. 7 28. 4 15. 2 13. 2	347, 7 318. 8 257. 6 11. 7 49. 6 28. 8 15. 4 13. 4	352, 5 323, 2 260, 8 11, 7 50, 7 29, 4 15, 7 13, 7	358, 6 328, 7 265, 3 11, 7 51, 7 29, 9 15, 9 14, 0
48. 2 35. 3 35. 3	49. 8 36. 6 36. 6 .0 13. 2	50. 6 37. 6 37. 6	50. 1 37. 3	50.7 37.8	51, 5 38. 3	51, 2 38, 6	51.7 39.1
12, 2	12, 2	12.3	12, 3	12, 4	12. 4	12, 4	12, 4
44. 2 22. 3 21. 9 15. 2 6. 7	48. 4 48. 2 23. 2 25. 0 16. 5 8. 5	50.8 51.3 24.6 26.7 18.0 8.7 4	50. 2 51. 1 24. 5 26. 6 17. 7 8. 9 9	51. 4 51. 3 24. 5 26. 7 17. 9 8. 9	53. 1 54. 3 26. 0 28. 3 19. 1 9. 2 -1. 2 25. 4	56. 4 56. 6 25. 4 31. 2 19. 4 11. 8 2 25. 9	57. 9 57. 9 26. 0 31. 9 19. 8 12. 1 1 26. 5
	1961 426. 9 302. 2 278. 8 227. 0 10. 2 41. 6 23. 4 11. 8 11. 6 9. 2 2. 4 48. 2 35. 3 35. 3 35. 3 12. 9 12. 2 44. 1 44. 2 22. 3 21. 9 15. 2 6. 7 -1	1961 1962 426.9 455.6 302.2 323.1 278.8 297.1 227.0 241.6 10.2 10.8 41.6 44.7 23.4 25.9 11.8 13.6 11.6 12.3 9.2 9.7 2.4 2.6 48.2 49.8 35.3 36.6 35.3 36.6 35.3 36.6 35.3 36.6 44.1 48.2 49.8 35.3 36.6 35.3 36.6 35.3 36.6 35.3 36.6 35.3 36.6 35.3 36.6	1961	1961	1961	1961	1961

Table 2.—National Income by Industry Division (I-11)
[Billions of dollars]

	122		donars					
					1963		196	34
	1961	1962	1963	II	III	IV	I	II
				Seasor	ally ad	justed a	t annua	l rates
All industries, total	426. 9	455.6	478.5	474.6	481, 9	490.0	498, 4	507. 1
eries	18. 4	18. 9	18. 9	18. 7	18.8	19.0	18.5	18.6
Manufacturing Durable goods industries Nondurable goods industries Wholesale and retail trade Finance, insurance, and real	119. 9 70. 4 49. 5 69. 5	130. 8 78. 5 52. 3 73. 8	137. 4 82. 9 54. 4 77. 4	136. 9 82. 7 54. 1 76. 7	139. 0 83. 5 55. 5 77. 3	140. 6 85. 4 55. 2 79. 5	144. 2 87. 0 57. 1 80. 2	147. 4 88. 8 58. 6 81. 5
estate Transportation Communications and public	44. 5 18. 0	46. 3 18. 8	48. 7 19. 5	48. 2 19. 6	49. 0 19. 7	50. 0 19. 7	50. 3 19. 7	50. 8 20. 1
utilities	17. 6 52. 0	18. 6 55. 6	19.3 59.5	19. 0 58. 9	19. 5 60. 2	19. 7 60. 9	19. 8 62. 2	20. 1 63. 7
Government and government enterprisesOther	56. 3 30. 7	60. 3 32. 4	64. 5 33. 4	63. 6 33. 0	64. 7 33. 7	66. 8 34. 0	68. 0 35. 6	69. 1 35. 8

Table 3.—Corporate Gross Product

[Billions of dollars]

					1963		196	64
	1961	1962	1963	II	III	IV	I	II
				Seasor	ally ad	justed a	t annua	l rates
Corporate gross product	286. 2	309. 0	323. 9	321. 7	326. 5	331.7	337.4	343. 7
Indirect taxes	30. 7	32. 9	34.6	34. 2	34. 7	35. 4	35.8	36. 5
Capital consumption allow-	26. 9	30. 5	31.8	31.6	32. 1	32. 4	33. 0	33. 4
Income originating in corporate business	228.6	245. 7	257. 5	255. 9	259. 7	263. 9	268.6	273.8
Compensation of employ- ees	185. 9 . 9	198. 9 . 9	208. 5 . 7	207. 5	210. 0 . 7	212. 4 . 7	214. 7 . 7	218.3 .8
ing inventory valuation adjustment 1	41.8	45. 9	48. 3	47. 7	48.9	50. 7	53. 1	54.8

¹ Excludes profits originating in the rest of the world.

Table 4.—National Income by Corporate and Noncorporate Form of Organization (I-14)

	[Bil	llions of	dollars]					
					1963		190	34
	1961	1962	1963	II	ш	IV	I	II
				Season	ally ad	justed a	t annua	l rates
National income	426. 9	455, 6	478, 5	474.6	481.9	490.0	498. 4	507.1
Income originating in corporate business	228, 6	245.7	257.5	255, 9	259.7	263.9	268, 6	273, 8
Compensation of employees_ Wages and salaries_ Supplements to wages and salaries_	185. 9 169. 7 16. 1	198. 9 180. 9 18. 0	208. 5 189. 2 19. 3	207, 5 188, 3	210. 0 190. 6 19. 4	212. 4 192. 7 19. 7	214. 7 194. 7 20. 0	218.3 198.0 20.3
Corporate profits and inventory valuation adjustment \(^1\). Profits before tax \(^1\). Profits tax liability. Profits after tax \(^1\). Inventory valuation adjustment.	41. 8 41. 9 22. 3 19. 6	45. 9 45. 6 23. 2 22. 4	48. 3 48. 8 24. 6 24. 2	47. 7 48. 6 24. 5 24. 1	48. 9 48. 8 24. 5 24. 2	50. 7 51. 9 26. 0 25. 9	53. 1 53. 3 25. 4 27. 9	54. 8 54. 8 26. 0 28. 8
Net interest	.9	.9	.7	.7	.7	.7	.7	.8
Income originating outside corporate business	198, 4	210, 0	221.0	218,7	222. 2	226. 1	229, 8	233, 3

^{1.} Excludes profits originating in the rest of the world.

Table 5.—Sources and Uses of Gross Saving (V-2)

[Billions of dollars]

					1963		190	64
	1961	1962	1963	II	Ш	IV	I	П
	·			Season	ally ad	usted a	t annua	l rates
Gross private saving	78.5	85.3	86.7	85, 6	87.2	89.6	93, 7	100. 4
Personal saving	27.3	27.8	27. 5	27. 1	27.0	29. 9	29. 5	35. 2
Undistributed corporate profits	6.7	8.5	8.7	8.9	8.9	9. 2	11.8	12. 1
Corporate inventory valua- tion adjustment	1	. 3	4	9	. 2	-1.2	2	1
Capital consumption allow- ance	44. 5	48. 7	50.8	50.5	51. 2	51. 7	52. 5	53. 1
Excess of wage accruals over disbursements	. 0	.0	.0	.0	.0	. 0	.0	.0
Government surplus on income and product transactions	-4.2	-1.9	. 9	1.6	1.7	3, 3	.0	-6,7
FederalState and local	-4.3 .1	-4.1 2.1	-1.5 2.4	-1.0 2.6	7 2.4	2. 7	-2.4 2.4	$-9.0 \\ 2.3$
Gross investment	71,8	81.5	84.8	82, 9	85, 4	91. 1	92, 1	91, 3
Gross private domestic investment Net foreign investment	68. 8 3. 0	79. 1 2. 4	82. 0 2. 8	80. 2 2. 6	82. 8 2. 6	87. 1 4. 1	85. 9 6. 2	87. 2 4. 1
Statistical discrepancy	-2.6	-1.8	-2.7	-4.3	-3,5	-1.8	-1.6	-2.4

Table 6.—Corporate Profits (Before Tax) and Inventory Valuation Adjustment, by Broad Industry Groups (VI-10)

[Billions of dollars]

					1963		1964		
	1961	1962	1963	II	III	IV	I	II	
				Season	ally adj	t annual rates			
All industries, total	44. 1	48. 4	50.8	50, 2	51.4	53, 1	-56, 4	57.9	
Manufacturing Durable goods industries Nondurable goods industries.	21. 7 10. 9 10. 8	24. 7 13. 2 11. 5	26. 7 14. 4 12. 3	26. 6 14. 5 12. 1	27. 8 14. 7 13. 1	27. 8 15. 4 12. 4	30. 6 16. 6 13. 9	31. 7 17. 0 14. 8	
Transportation, communica- tions, and public utilities	7. 3	8.0	8. 4	8.3	8.4	8. 7	8, 5	8.8	
All other industries	15. 1	15. 7	15. 7	15.3	15. 2	16. 6	17.4	17. 4	

GNP by Major Industries, 1963

NEW data on gross product originating by industry indicate that the increase in the Nation's total output from 1962 to 1963 was widespread. Relative advances in output of the component industries were generally within a range of 2 to 5 percent.

The latest figures, as well as revised statistics for 1961 and 1962, are shown in Tables 1 and 2. These tables. together with those appearing in the October 1962 Survey,1 provide a continuous annual series on gross product by industry starting with 1947.

Gross product originating in an industry represents the contribution of that industry to total GNP. Industry gross product may be measured as the amount by which the total value of output of an industry exceeds the value of materials and services it buys on current account from other industries. The industry's contribution to GNP may also be derived by summing the respective factor payments (employee compensation, profits, net interest, etc.) and the nonfactor costs of production (indirect business taxes, depreciation,

etc.). Concepts and methods underlying the industry gross product series were described in the October 1962 an explanatory note Survey; available upon request to the Office of Business Economics.

Total GNP, as measured in current dollars, in 1963 rose to \$583.9 billion, 5 percent above 1962. The 1962-63 gains in the goods producing industries -agriculture, mining, construction, and manufacturing—and in transportation and public utilities were below average, while the relative increases for all other industries were larger than for total GNP.

Measured in terms of physical volume, the 1962-63 increase in national output amounted to about 3½ percent, since prices rose about 1½ percent. The relative changes in real product for the industry groups ranged from 2.3 to 5.2 percent—except for contract construction, which rose less than 2 percent, and for communications and public utilities, both of which advanced more than 7 percent.

The 1962–63 increase in total GNP prices is the resultant price changes by industry that were mixed both in direction and in amount. Continuing their postwar trend, prices for construction. services and government showed the largest relative increases from 1962 to 1963.² On the other hand, prices declined in agriculture, mining, transportation, communications, and public utilities.

Percent Change in GNP, Current and Constant (1954) Dollars, By Industry, 1962-63

	Cur- rent dollars	Con- stant dollars	Im- plicit deflator
All industries, total GNP	5.0	3, 4	1, 5
Agriculture, forestry, and fisheries	1. 3 . 8 4. 2 4. 5 5. 2 5. 4 2. 9 5. 1 4. 1 6. 6	3. 5 2. 7 1. 6 3. 3 4. 1 5. 2 4. 8 7. 3 7. 7 3. 7	-2. 2 -1. 8 2. 6 1. 1 1. 1 -2. 1 -3. 3 2. 8

The revised 1961 and 1962 figures reflect the new national income and gross national product totals which were published in the July 1964 Survey, as well as more comprehensive statistical information now available for measuring output by industries. The new information includes the Census Bureau's Annual Survey of Manufac-

Table 1.—Gross Product in Constant Dollars, by Industry

		Bil	lions of	1954 do	llars		Ind	exes of g		oduct in =100)	1954 do	llars	Impl	licit pric	æ deflat (1954:	ors, ind =100) 1	ex num	bers
	1958	1959	1960	1961	1962	1963	1958	1959	1960	1961	1962	1963	1958	1959	1960	1961	1962	1963
All industries, total (GNP)	401, 3	428, 6	439. 9	447.9	476, 4	492, 6	110.5	118.0	121, 2	123, 4	131, 2	135, 7	110.8	112, 6	114, 2	115, 8	116, 7	118, 5
Agriculture, forestry, and fisheries. Farms. Mining. Contract construction Manufacturing. Durable goods industries. Nondurable goods industries. Wholesale and retail trade. Finance, insurance, and real estate Finance and insurance Transportation. Railroads. Communications	20. 9 10. 2 18. 4 109. 7 58. 3 51. 4 71. 3 50. 0 14. 4 19. 3 8. 6	21. 7 20. 8 10. 6 19. 5 121. 8 66. 6 55. 2 77. 1 52. 2 15. 2 21. 1 8. 6 9. 2	22. 8 21. 8 10. 8 19. 0 122. 0 66. 9 55. 1 77. 6 54. 7 16. 1 21. 6 8. 6 9. 8	22. 8 21. 8 11. 0 18. 6 122. 0 65. 8 56. 1 78. 0 56. 8 16. 4 21. 5 8. 4 10. 2	22. 8 21. 8 11. 2 18. 7 134. 1 74. 1 60. 0 82. 6 59. 5 17. 2 22. 7 8. 8 10. 9	23. 6 22. 6 11. 5 19. 0 138. 5 n.a. 86. 0 62. 6 n.a. 23. 8 n.a. 11. 7	102. 3 103. 0 106. 3 106. 4 105. 7 97. 8 116. 3 109. 7 121. 1 122. 0 107. 2 102. 5 132. 3	101. 9 102. 5 110. 4 112. 7 117. 3 111. 7 124. 8 118. 6 126. 4 128. 8 117. 2 106. 2 141. 5	107. 0 107. 4 112. 5 109. 8 117. 5 112. 2 124. 7 119. 4 136. 4 120. 0 106. 2 150. 8	107. 0 107. 4 114. 6 107. 5 117. 5 110. 4 126. 9 120. 0 137. 5 139. 0 119. 4 103. 7 156. 9	107. 0 107. 4 116. 7 108. 1 129. 2 124. 3 135. 7 127. 1 144. 1 145. 8 126. 1 108. 6 167. 7	110. 8 111. 3 119. 8 109. 8 133. 4 n.a. 132. 3 151. 6 n.a. 132. 2 n.a. 180. 0	103. 2 101. 9 103. 9 117. 4 110. 2 116. 3 103. 3 110. 9 107. 4 106. 3 107. 8 101. 2 102. 3	97. 2 96. 2 104. 7 120. 0 112. 5 118. 3 105. 4 112. 1 110. 3 111. 2 103. 3 96. 5 104. 3	97. 4 95. 9 105. 6 124. 7 114. 5 119. 1 108. 9 114. 7 112. 1 111. 8 102. 8 94. 2 105. 1	99. 1 97. 2 104. 5 130. 6 114. 7 119. 5 109. 3 117. 3 114. 3 115. 2 104. 2 94. 0 106. 9	100. 9 98. 6 105. 4 138. 5 114. 5 119. 0 108. 8 118. 4 115. 0 112. 2 104. 8 92. 0 107. 3	98. 7 96. 0 103. 5 142. 1 115. 8 n.a. n.a. 119. 7 115. 2 n.a. 102. 9 n.a.
Public utilities Services Ilouseholds and institutions Government and Government enterprises General government Rest of the world Residual ²	14. 5 38. 0 33. 4	12. 9 42. 6 15. 1 38. 6 33. 8 2. 3 -1. 0	13. 8 44. 7 16. 1 39. 7 34. 7 2. 3 1. 1	14. 6 46. 4 16. 7 40. 7 35. 5 3. 0 2. 3	15. 6 48. 5 17. 3 42. 7 37. 3 3. 3 3. 7	16. 8 50. 3 18. 2 43. 7 38. 1 3. 3 1. 7	139. 8 119. 2 128. 3 103. 8 103. 4 137. 5	155. 4 125. 7 133. 6 105. 5 104. 6 143. 8	166. 3 131. 9 142. 5 108. 5 107. 4 143. 8	175. 9 136. 9 147. 8 111. 2 109. 9 187. 5	188. 0 143. 1 153. 1 116. 7 115. 5 206. 3	202. 4 148. 4 161. 1 119. 4 118. 0 206. 3	95. 7 115. 1 112. 4 123. 2 125. 7 95. 5	93. 8 119. 5 115. 9 128. 0 130. 5 95. 7	94. 9 121. 5 120. 5 133. 2 136. 3 100. 0	94. 5 124. 1 122. 8 138. 3 142. 8 96. 7	93. 6 127. 6 126. 0 141. 7 146. 1 97. 0	90. 5 131. 2 129. 1 149. 2 152. 8 97. 0

Calculated by dividing the total gross product in current dollars by the corresponding gross product in constant (1954) dollars; due to rounding may differ from deflators hitherto published for farms, households and institutions, and general government.
 Represents GNP measured as sum of final products minus real GNP measured as sum of

[&]quot;GNP by Major Industries," Survey of Current Business, October 1962, pp. 6-18.

² The qualifications regarding implicit deflators generally, and for these industries particularly, were discussed in the October 1962 SURVEY.

industry products. Does not include the statistical discrepancy, as shown in the published ${\rm GNP}$ accounts, since industry real product has been calculated using industry totals adjusted to include a proportional share of the discrepancy.

Source: U.S. Department of Commerce, Office of Business Economics.

tures through 1962, the detailed reports of the Federal Power Commission, the Interstate Commerce Commission, and other basic source materials which were either not available earlier or have been revised since the 1961 and 1962 estiwere prepared. These mates new source data, however, caused only

minor revisions in the current and constant dollar figures on industry gross product previously published in the September 1963 Survey.

Table 2.—Gross Product in Current Dollars, by Industry [Billions of dollars]

											or donai												
(GNP)	Em- ployee com- pensa- tion	Net inter- est	Capital consumption allowances	Indi- rect busi- ness taxes	Profit- type income	Total	Em- ployee com- pensa- tion	Net inter- est	Cap- ital con- sum p- tion allow- ances	Indi- rect busi- ness taxes		Total	Em- ployee com- pensa- tion	Net inter- est	Capital consumption allowances	Indi- rect busi- ness taxes	Profit- type income	Total	Em- ployee com- pensa- tion	Net inter- est	Cap- ital con- sum p- tion allow- ances	Indi- rect busi- ness taxes	Profit- type income
	All ind	lustries	, total (C	GNP)		A	gricultu	re, fore	stry, and	l fisher	ies			Fa	ırms					M	ining	-	
444. 5 482. 7 502. 6 518. 7 556. 2 583. 9	257. 1 278. 5 293. 6 302. 2 323. 1 340. 3	14. 8 16. 4 18. 0 20. 1 22. 1 24. 4	38. 6 41. 0 43. 0 44. 5 48. 7 50. 8	41. 2 44. 7 48. 7 51. 4 55. 2 58. 3	94. 3 105. 1 102. 3 103. 0 108. 9 112. 8	22. 5 21. 1 22. 2 22. 6 23. 0 23. 3	3. 5 3. 6 3. 7 3. 8 3. 8 3. 8	0. 9 1. 0 1. 1 1. 2 1. 3 1. 4	3. 9 4. 1 4. 1 4. 1 4. 1 4. 2	1. 2 1 3 1. 4 1. 5 1. 6 1. 7	13. 0 11. 2 11. 9 12. 1 12. 3 12 2	21. 3 20. 0 20. 9 21. 2 21. 5 21. 7	2. 9 3. 0 3. 0 3. 1 3. 1 3. 1	0. 9 1. 0 1. 2 1. 2 1. 3 1. 4	3. 8 4. 0 4. 0 3. 9 4. 0 4. 1	1. 2 1. 2 1. 3 1. 4 1. 4 1. 5	12. 6 10. 8 11. 4 11. 6 11. 8 11. 6	10. 6 11. 1 11. 4 11. 5 11. 8 11. 9	4. 2 4. 2 4. 3 4. 2 4. 2 4. 3	(*) .1 .1 (*) (*) .1	3. 5 3. 8 3. 9 4. 0 4. 3 4. 2	1. 2 1. 3 1. 3 1. 5 1. 6 1. 5	1. 8 1. 7 1. 9 1. 9 1. 8 1. 8
	Cor	tract co	nstructi	on				Manuf	acturing	:			Dur	able go	ods indi	ustries			Nond	urable g	oods in	dustrie	3
21. 6 23. 4 23. 7 24. 3 25. 9 27. 0	14. 9 16. 2 16. 7 17. 1 18. 3 19. 3	0.1 .1 (*) .1 .1 .2	1. 2 1. 3 1. 3 1. 3 1. 4 1. 4	0.6 .7 .8 .8 .9	4. 9 5. 3 5. 0 5. 2 5. 3 5. 3	139. 9 153. 5	83. 7 92. 9 96. 3 96. 6 104. 4 109. 0	0.3 .2 .2 .2 .2 .2	9. 2 9. 4 9. 9 10. 3 12. 0 12. 5	11. 0 12. 1 13. 0 13. 2 14. 2 15. 0	17. 2 23. 5 21. 4 20. 3 23. 2 24. 7	67. 8 78. 8 79. 7 78. 6 88. 2 92. 9	50. 9 57. 4 59. 4 58. 6 64. 4 67. 7	0. 2 .1 .1 .1 .1 (*)	4. 9 5. 0 5. 3 5. 6 6. 4 6. 7	3. 3 3. 9 4. 1 4. 0 4. 6 5. 0	8. 9 13. 0 11. 4 10. 7 13. 0 14. 1	53. 1 58. 2 60. 0 61. 3 65. 3 67. 5	32. 8 35. 5 36. 9 37. 9 39. 9 41. 3	1 .1	4.8	7. 7 8. 1 8. 9 9. 2 9. 6 10. 0	8. 4 10. 5 10. 0 9. 6 10. 2 10. 6
	Whole	esale aı	nd retail	trade		F	inance,	insuran	ice, and	real est	ate		Fir	nance a	nd insur	ance				Trans	portatio	n	
79. 1 86. 4 89. 0 91. 5 97. 8 102. 9	45. 0 48. 6 51. 7 52. 8 56. 1 59. 2	0. 2 . 2 . 1 . 1 . 2 . 2	4. 5 4. 8 5. 0 5. 0 5. 4 5. 6	12. 2 13. 5 14. 9 15. 7 17. 0 18. 1	17. 6 20. 0 17. 9 18. 5 19. 6 20. 3	53. 7 57. 6 61. 3 64. 9 68. 4 72. 1	11. 9 13. 0 13. 9 15. 0 15. 8 16. 8	6. 0 7. 0 7. 6 8. 7 9. 9 11. 1	7. 4 7. 9 8. 6 9. 2 9. 9 10. 5	9. 1 9. 8 10. 7 11. 6 12. 4 13. 2	19. 6 20. 4 20. 9 20. 8 20. 7 20. 9	15. 3 16. 9 18. 0 18. 9 19. 3 20. 0	10. 1 11. 1 11. 9 12. 8 13. 5 14. 3	$ \begin{array}{c c} -2.2 \\ -2.6 \\ -2.7 \\ -2.9 \end{array} $.6	1.0 1.1 1.2 1.3 1.4 1.4	5. 6 6. 5 7. 0 6. 8 6. 6 6. 9	20. 8 21. 8 22. 2 22. 4 23. 8 24. 5	15. 9 15. 7 16. 4	. 6	2. 7 2. 8 2. 9 2. 9 3. 3 3. 4		1. 4 1. 7 1. 4 1. 4 1. 5 1. 7
		Rail	roads	· · · · · · · · · · · · · · · · · · ·				Commi	ınicatio	ıs				Publi	c utili ie	es				Se	rvices		
8. 4 8. 3 8. 1 7. 9 8. 1 8. 1	6. 1 6. 2 6. 1 5. 8 5. 9 5. 8	0.3 .3 .3 .3 .3	1. 0 . 9 . 9 . 8 1. 1 1. 0	0.7 .5 .6 .6 .6	0. 4 . 4 . 3 . 3 . 3 . 3	8.8 9.6 10.3 10.9 11.7 12.3	4. 4 4. 6 4. 9 5. 1 5. 4 5. 6	0. 2 .3 .3 .3 .3 .3	0. 9 1. 0 1. 1 1. 2 1. 3 1. 5	1. 1 1. 2 1. 3 1. 4 1. 5 1. 6	2. 2 2. 6 2. 7 2. 9 3. 3 3. 4	11. 1 12. 1 13. 1 13. 8 14. 6 15. 2	3. 8 4. 0 4. 2 4. 4 4. 6 4. 8	1. 1 1. 2 1. 2	2. 6 2. 7 3. 0	1. 4 1. 6 1. 7 1. 8 1. 9 2. 1	2. 7 3. 2 3. 6 3. 7 4. 0 4. 0		24. 8 27. 0 29. 4 31. 3 33. 9 36. 2	6. 7 7. 2 7. 6	3. 1 3. 3 3. 5 3. 7 4. 1 4. 4	1. 6 1. 8 1. 9 2. 0	13. 3 13. 1 13. 7 14. 4
	Househ	olds an	d instit	utions		Gove	rnment	and go	vernme	nt ente	rprises		G	eneral	governn	nent				Rest of	the wor	ld	
16. 3 17. 5 19. 4 20. 5 21, 8 23. 5	10. 9 11. 7 12. 8 13. 5 14. 4 15. 4	5. 4 5. 8 6. 6 7. 0 7. 4 8. 2			-	46. 8 49. 4 52. 9 56. 3 60. 5 65. 2	46. 6 49. 0 52. 5 56. 3 60. 3 64. 5				0.1 .5 .4 .1 .2 .7	42. 0 44. 1 47. 3 50. 7 54. 5 58. 2	42. 0 44. 1 47. 3 50. 7 54. 5 58. 2					2. 1 2. 2 2. 3 2. 9 3. 2 3. 2	(*) (*) (*) (*) (*) (*)	.4			1. 8 1. 8 1. 9 2. 3 2. 6 2. 5
	444. 5 482. 7 502. 6 518. 7 556. 2 583. 9 21. 6 23. 4 23. 7 24. 3 25. 9 27. 0 79. 1 86. 4 89. 0 91. 5 97. 8 102. 9	Total complex compensation All ind 444.5 257.1 482.7 278.5 502.6 293.6 518.7 302.2 233.1 583.9 340.3 Cor 21.6 14.9 23.4 16.2 23.7 16.7 125.9 18.3 27.0 19.3 Whole 79.1 45.0 48.6 48.6 48.6 48.6 18.3 6.2 19.3 6.1 7.9 5.8 8.1 5.8 Househ 16.3 10.9 5.8 8.1 5.8 Househ 16.3 10.9 17.5 11.7 19.4 12.8 20.5 13.5 21.8 14.4 12.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 13.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 14.8 20.5 21.8 14.4 20.5 21.8	Total (GNP)	Total ployee compensation with the plane with the plan	Total ployee compensation with the ployer of the ployer of the ployer of the pensation with the pensation wi	Total GNP Ployee Net compensation Net compensation Sumples total CONP	Total Ployee Net Compensation Net Compensation Sumpensation Net Compensation Net Compensatio	Total GNP Profit Profi	Total Ch Profit Profit	Total Con- Contract construction Contract contract construction Cont	Total ployee Omposition Start Start	Total ployee Net compensation Secondary Compensation Compensation Secondary Compensation Compensation	Total ployee Net companies First ployee Net companies Profit-busings Profit-bus	Em- Com- com- com- cital findi- com- busi- tion cases cital com- cases cas	Total Ployce Composition Total Profit- composition Profit Pro	Total Property P	Em- Con Post State Profit State Profit Con Profit State Profit Profit State Profit State Profit State Profit State Profit State Prof	Total Played Con. Indisers Sump Profit Con. Pr	Total Player Net Control Feet Fe	Total player Control Profit From the profit P	Total Profit Pr	Start Total Profit Total Profit Prof	Total Proper Pr

Note.—Total GNP includes the statistical discrepancy. Proportional amounts of the discrepancy are included in the total gross product of each industry but are not distributed among the gross product components. Consequently, the components will not add to the total. The statistical discrepancy included in total GNP is as follows, in billions of dollars: 1958, \$1.5; 1959, \$3.0; 1960, \$3.0; 1961, \$2.6; 1962, \$1.8; 1963, \$2.7. Employee compensation consists of wages, salaries, and supplements. Net interest is net interest component of national income. Capital consumption allowances consist of depreciation, capital outlays charged to current.

Capital consumption allowances consist of depreciation, capital outlays charged to current expense, and accidental damage to fixed business property.

Indirect business taxes consist of indirect business tax and nontax liability and business

transfer payments.

Profit-type income consists of corporate profits after inventory valuation adjustment, proprietors' income, rental income of persons, and surplus of government enterprises, less Capital consumption allowances and profits by industry differ somewhat from the hitherto published figures because these 2 items have been reallocated by industry from a company to an establishment basis.

*Less than \$50 million.

Business Situation

Continued from page 2

decade or so. This broad conclusion also applies to total credit outstanding.

When repayments are netted against extensions, the net advances in installment credit outstanding relative to income have not increased for approximately 2 years, averaging slightly under 1.5 percent—well below the peak ratios in 1955 and 1959. In past business expansions this ratio has risen sharply and then decreased.

The recent behavior of the two components of the net change—extensions

and repayments—has differed. ratio of extensions to income has shown no major change for the past six quarters; it reached 15 percent in the first quarter of 1963 and has changed little since then with the exception of the first quarter of this year, when it rose to a record 15.4 percent. The slowdown in credit extensions during the second quarter, combined with sharply higher disposable income, caused the ratio to fall back to 15.1 percent.

As the credit base has expanded the volume of repayments has risen. For

several years prior to mid-1962 the in repayments approximately matched the income rise, and the ratio of repayments to income varied in a narrow range from 12½ to 13 percent. In the following year installment debt repayments took a larger proportion of the consumer's after-tax dollar. Repayments rose considerably in each of the first two quarters of this year; the ratio climbed to 14 percent in the first quarter and remained at that level in the second quarter, despite the sharp income rise.

Patterns of Output Growth

THIS is the fifth in a series of articles dealing with patterns of growth rates in a large number of individual products and services.¹ Its purpose is to illustrate the wide variation in production trends of both new and established products during the past 15 years. It brings up to date a similar analysis that appeared just 3 years ago, and expands the list of items to almost 375—approximately 70 more than appeared in the previous tabulation. While the expanded list is by no means all inclusive, it represents a broad spectrum of products and industries.

On a weighted basis the coverage of the present list is substantial. The manufacturing and mining products in-

Table 1.—Frequency Distribution of Average Annual Growth Rates for 339 Products, Based on Change from 1948 to 1963

	Number of products	Percent of total
Fast growing:		
25 percent and over	6	
20 to 24.9 percent 15 to 19.9 percent		
10 to 14.9 percent	27	
7.5 to 9.9 percent		
Total	70	20
Moderately growing:		
6 to 7.4 percent	19 13	
5 to 5.9 percent	39	
Subtotal	71	21
2 to 3.4 percent	50	
1 to 1.9 percent	38	
0 to 0.9 percent		
Subtotal	114	34
Total	185	55
Declining:		
0 to 1.9 percent		
2 to 4.9 percent		
5 to 6.9 percent 7 to 9.9 percent		
10 percent and over	5	
Total	84	25
Grand total	339	100

cluded in table A on page 24 account for roughly two-thirds of the total weight of the Federal Reserve Board's index of industrial production. Except for instruments and miscellaneous manufacturing, products from all of the two-digit SIC manufacturing industries are included.

Some important qualifications noted in the earlier articles bear repeating. The list represents only a small fraction of the total number of products in the economy. For the most part it is limited to items for which consistent annual production data, measured in physical units, are readily available from trade and Government sources.² Notably lacking from this compilation are those products, like machinery, where output cannot be easily measured on a physical basis unless highly detailed specifications are used. The list also tends to exclude data for very new products because of the lag in the collection of such statistics. Furthermore there is no consistency regarding classification detail among the 374 products: certain products are very narrowly defined, e.g., food disposals; others are given in terms of a broad classification, e.a., finished steel products.

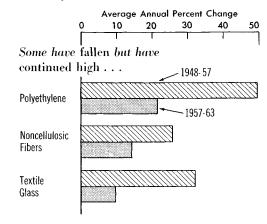
It is important to keep in mind that while a simple count of physical units is very useful for many purposes, production changes may also come about from changes in product mix and in quality. Shifts of the kind that affect average price per physical unit are reflected in changes in the GNP, even when the number of units produced remains constant.

Basis of classification

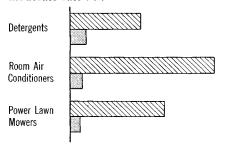
Table A divides the total list into two main groups. The basic list contains 339 products for which production data are available for all years from 1948 to 1963. A supplementary list

Growth Rate Patterns

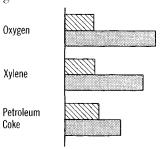
Of the products that grew rapidly from 1948 to 1957, the great majority slowed down from 1957 to 1963



Others have fallen sharply to a moderate rate . . .



A relatively few have exceeded earlier growth rates



Data: Government and Private Agencies

¹ Earlier articles appeared in the following issues of the SURVEY: January 1953, April 1957, May 1959, and September 1961.

² Where production figures are not available data are given for sales or consumption.

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includes an additional 35 products, mostly new, for which output figures became available at various dates after 1948.

The basic table provides production data for 1948 and for each year from 1960 through 1963. It shows average annual rates of growth for the entire period 1948-63, and also for the following subperiods: 1948-53, 1953-57, 1948-57, 1957-60, 1960-63, and 1957-63. Each of the above terminal years represents a business cycle peak. The products are arrayed according to the size of the average annual growth rate for the period 1948-63, as shown in the sixth column.

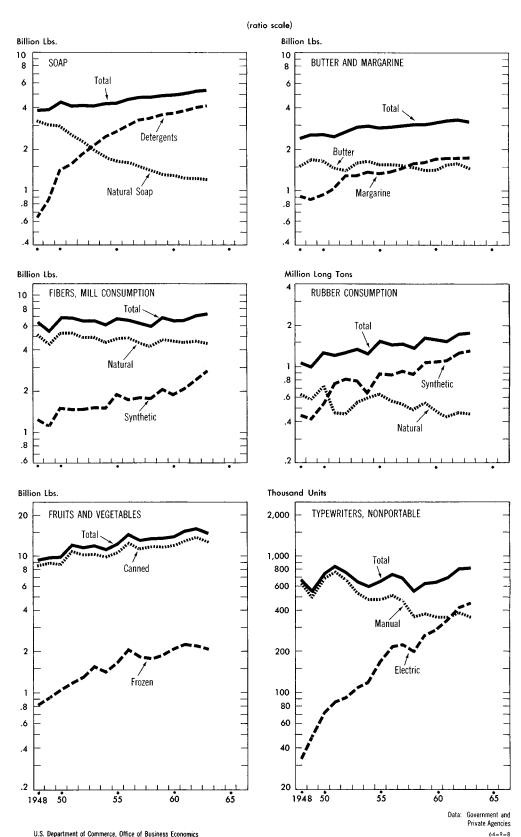
The basic list has been further classified into three broad groups: fastgrowing, moderately-growing, declining. Fast-growing items in table A are those with a growth rate of 7½ percent or more per year (based on 1948-63), that is, with a growth rate approximately twice as large (or more) as that of national output measured by real GNP. The 7½ percent dividing line between fast growing and moderately growing has been employed in previous articles in this series. It is a useful standard but it is obviously arbitrary.

Growth rate patterns, 1948-63

Approximately one-fifth of all items are classified as fast growing; more than half are in the moderately-growing group, and one-fourth show negative growth rates. A frequency distribution of average annual rates appears in table 1. For all items combined, the average (mean) growth rate from 1948 to 1963 was 3.7 percent per year, about the same as the expansion in real GNP.

The 70 items in the rapidly expanding group increased at an average rate of 15 percent in the 1948-63 period; nearly three-fourths of them exceeded 10 percent per year. The fast-growing group includes old established lines as well as relatively newly-developed products introduced in the period from the mid-30's to the mid-40's. As might be expected, the newer products in this group experienced the higher rates of growth, averaging close to 20 percent per year,

Output Growth of New Products in Postwar Period Has Often Been at the Expense of Older Established Lines



as compared with about 10 percent for the older items.

Practically all of the products within the moderately-growing group are well established, and they represent a high proportion of U.S. industrial output.

For a relatively large number of products, a reduction in output is revealed, despite the substantial expansion in total production since the early postwar period. Most of the products in the declining group are still being produced in large volume, and for some the decreases in output were from abnormally high production levels in 1948. This is particularly true of items where output was earlier discontinued or sharply curtailed because of conversion to war production—such refrigerators, washing machines, men's suits and overcoats, and some types of farm machinery. But the development of substitutes has also adversely affected production of many products such as wool, coal, soap, and butter, to mention a few.

The growth of supplies from foreign sources has affected domestic output for some products. Thus, although domestic consumption of iron ore has increased substantially, the importation of large quantities of this raw material is associated with a declining trend in domestic iron ore output.

Impact of new products on established lines

Most "new" products are substitutes for older, established lines. The rapid growth of output of many of the prod-

Table 2.—Distribution of Average Annual Growth Rates for 339 Products, 1948-57 Compared with 1957-63

	1948	3-57		1957	7-63	
	Num-		Fast	Mod	erate	
	ber of prod- ucts	Per- cent of total	7.5 per- cent and over	3.5 to 7.4 per- cent	0 to 3.4 per- cent	De- clin- ing
			Nu	mber o	f prod	ıcts
Fast: 7.5 percent and over	81	24	35	26	9	11
Moderate: 3.5 to 7.4 percent_ 0 to 3.4 percent	71 97	21 29	9	28 25	23 47	11 22
Declining	90	26	3	12	21	54
Total	339	100	50	91	100	98
Percent of total		100	15	27	29	29

ucts introduced into the market in the past two decades or so has frequently been accompanied by a decline in products that have been on the market for a long time. The chart on page 22 provides some examples of these contrasting trends.

The net expansion of the new and old products together is frequently small. For the six combinations shown in the chart, average annual growth rates ranged from 0.8 percent for fibers (-0.9) for natural fibers and 5.6 percent for synthetics) to 3.4 percent for rubber (-2.1 percent for natural)rubber and 7.5 percent for synthetic rubber). It is important to keep in mind that these combined rates are unweighted. When average unit values of old and new products are widely different (as with manual and electric typewriters, for example), the combined output change computed with unit value weights may show a marked departure from the unweighted change

Rates have varied over time

Within the 15-year span from 1948 to 1963 growth rates of individual commodities and services have, for a number of reasons, varied considerably. The decline in the growth of real GNP, from an average of 3.8 percent per year from 1948 to 1957 to 3.2 percent from 1957 to 1963, was reflected in a general lowering of rates for individual products. Moreover, final demand patterns shifted, causing shifts in the production of final products and materials used in their manufacture. Growth of many new products that had found very wide acceptance in the earlier years diminished. Some of these shifts are summarized in table 2, which provides a cross-tabulation of growth rates for 339 items for the period 1948-57 and for 1957-63.

The proportion of items classified as fast growing drops from 24 percent in the 1948-57 period to 15 percent in the period from 1957 to 1963. The group showing declines, which was 26 percent in the early period, was 29 percent in the later period. Although it is not shown in the table, 55 percent of the 339 items grew more slowly or declined more rapidly from 1957 to 1963 than in the postwar and Korean periods.

Of the 81 items classified as fast growing in the 1948-57 period, only 35 remained in this group in the more recent period, and of this number, only 12 exceeded earlier output rates. Among the latter were oxygen, helium, toluene, formaldehyde, plastic and resin materials, electric blankets, blenders, and air freight transportation. There were 46 items earlier classified as fast growing, based on 1948-57 change, that do not appear in this category on the basis of 1957-63 performance. Of these, 35 had lower positive rates and 11 products had negative rates. Illustrations of these shifts are given in the chart on page 21.

On the other hand, of the 90 items showing 1948-57 declines, only 54 continued to show negative rates for the later period. The remainder in this category had positive growth rates from 1957 to 1963, with a few shifting to the fast-growing group.

Acceleration in rates since 1960

Because the national growth rate has shown an acceleration since 1960, it is of some interest to divide the 6-year span from 1957 to 1963 into two subperiods: 1957-60 and 1960-63. A 3-year span, of course, is very short for growth rate calculations. Moreover, under these circumstances the use of 1960 as a dividing point is not entirely satisfactory, since the entire second half of 1960 was a period of declining output, and some cyclical elements are undoubtedly present in the comparisons

Table 3—Distribution of Average Annual Growth Rates for 339 Products, 1957-60 Compared With 1960-63

	195	7–60		196	0-63	
	Num-		Fast	Mod	erate	
	ber of prod- ucts	Per- cent of total	7.5 per- cent and over	3.5 to 7.4 per- cent	0 to 3.4 per- cent	De- clin- ing
			Nu	mber o	f prod	ıcts
Fast: 75 percent and over	54	16	31	13	4	6
Moderate: 3.5 to 7.4 percent_ 0 to 3.4 percent	72 89	21 26	10 12	37 25	22 35	3 17
Declining	124	37	17	25	37	45
Total	339	100	70	100	98	71
Percent of total		100	21	29	29	21

Table A.—Production of Selected Products and Services, 1948, and 1960-63, and Average Annual Rates of Growth for Specified Time Periods 1

Product or service	Unit of measure		I	Production				A	verage an	nual rate	s of grow	th	
A TOURISM OF SELVING	CALVOI IIICAGAIC	1948	1960	1961	1962	1963	1948-63	1948-53	1953-57	1957-60	1960-63	1948-57	1957-63
	Fast growing—Incre	ases at an	average an	nual rate o	of 7½ perce	nt or more	, 1948-63						
Titanium spongePolyethylene	Tons Millions of pounds	10 19	5, 311 1, 337	6, 727 1, 606	6, 730 2, 016	7, 400 2, 270	55. 3 37. 5	195. 2 48. 0	66. 6 51. 3	-32.5 23.6	11. 7 19. 1	128. 9 49. 5	-13.2 21.3
Frozen fruit juices, concentrate	Millions of cubic feet	24 51	1, 033 642	1, 055 727	1, 321 713	(*) 2, 230	33. 1 28. 6	93. 4 25. 4	9. 3 16. 6	3. 7 30. 0	13. 1 51. 4	50. 1 21. 4	7. 3 40. 3
Argon	do	30	570	662	817	1,009	26.4	42.3	22.7	12.8	21.0	33, 2	16.8
Frozen foods, prepared	Millions of pounds Thousands	40 74	810 1,580	905 1,500	960 1, 580	4 1, 065 1, 945	25. 5 24. 4	49. 6 69. 8	25. 7 11. 0	2.6 1	9. 6 7. 2	38.5 40.6	6. 0 3. 5
Textile glass fiber, production Antibiotics for human consumption	Millions of pounds Thousands of pounds.	$\frac{9}{243}$	177 2, 969	149 3, 311	190 3, 965	a 192 a 4, 180	22. 7 22. 1	40. 9 46. 3	22. 1 9. 8	16.8 7.8	2. 8 12. 1	32, 2 28, 8	9. 8 9. 9
Noncellulosic fibers, production	Millions of pounds	66	677	751	970	a 1, 156	21.0	30. 2	20. 2	9.5	19. 2	25.7	14.3
DryersFrozen meats	Thousands Millions of pounds	92 25	1, 260 350	1, 236 330	$\begin{bmatrix} 1,420 \\ 340 \end{bmatrix}$	1, 590 4 360	20. 9 20. 5	51. 6 46. 7	15. 1 23. 9	9 -4.4	8.1	34. 1 36. 1	$\begin{array}{c} 3.5 \\ -1.7 \end{array}$
Airconditioning systems, total	ThousandsUnits	38 5, 900	350 55, 500	366 61, 000	468 71, 700	(*)	20. 0 19. 5	27. 3 36. 7	14. 3 2. 1	17.3 22.0	18. 5 13. 7	21.4	17. 9 18. 6
Frozen poultry	Millions of pounds	150	1, 267	1,732	1,626	1,733	17.7	25, 7	7.6	26.2	11.0	17.3	18.4
Rubber or latex core mattresses	Thousandsdodo	^в 34 600	608 4, 695	423 4, 600	452 5, 600	450 6, 500	17. 5 17. 2	56. 4 43. 8	3. 7 4. 3	1.8 2.5	-9.5 11.5	32. 7 24. 7	-4.1 6.9
Lawn mowers, powerStyrene plastics and resins	Millions of pounds	397 165	3, 800 1, 062	3, 500 1, 145	4,000 1,274	3, 900 1, 490	16. 5 16. 0	26. 3 25. 2	26. 8 11. 2	4.8 11.0	. 9 12. 7	26. 5 18. 8	2. 8 11. 9
DDT	do	20	164	171	167	179	15.7	33, 2	10. 2	9.8	3.0	22.5	6. 3
Polyvinyls resins, plastics Penicillin salts	Thousands of pounds.	218 162	1, 203 859	1, 260 1, 102	1, 566 1, 289	1, 760 1, 017	15. 3 15. 0	18. 8 36. 0	14. 5 -2. 0	10. 7 7. 4	13. 5 5. 8	16. 9 17. 5	12. 1 6. 6
Blankets, electricOxygen, high purity	Thousands Billions of cubic feet	675 16	3, 335 58	4, 300 79	4, 725 104	5, 500 129	15.0	7. 0 9. 3	23. 4 6. 8	14.9	18. 1 30. 6	14.0	16. 5 25. 6
Television sets, black and white	Thousands	975	5, 708	6, 178	6, 471	7, 130	14. 8 14. 2	49. 2	-3.0	$\begin{bmatrix} 20.8 \\ -3.7 \end{bmatrix}$	7. 7	8, 2 23, 3	1.8
MagnesiumAir revenue passenger-miles flown	Thous, of short tons Millions of passenger	6, 000	33, 958	41 34, 599	69 37, 491	43,000	14. 1 14. 0	56. 2 23. 8	-3.4 12.7	-21.0 6.5	24.0 8.2	26. 2 18. 7	-1.1 7.3
	miles.		, i	· ·									
Xylene Picture tubes, sales	Millions of gallons Thousands	1, 309	9,014	257 9, 307	354 9, 070	422 8, 955	13. 8 13. 7	13. 1 49. 6	3.0	30. 5 -2. 4	14. 4 2	8. 5 24. 9	22. 2 -1. 3
Phosphoric acid	Thousands of short tons.	432	2,087	2, 254	2, 447	2, 901	13.5	17.3	13. 1	10.0	11.6	15. 4	10.8
Adding machines, electric and nonelectric Detergents, synthetic	Thousands Millions of pounds	^b 343 636	348 3, 646	345 3, 774	309 4,000	(*) a 4, 120	13. 4 13. 4	40. 1 27. 2	-1.2 11.3	3.9	-5.8 4.2	21. 8 19. 9	-1.8 4.4
Air ton-miles flown	Millions of ton-miles Thousands	223 175	778 760	895 800	1, 182 890	1, 410 1, 090	13. 1 13. 0	13. 1 13. 2	8. 5 14. 1	10.8 11.4	21. 9 12. 8	11. 0 13. 6	16. 2 12. 1
Disposals, foodPlastics and resin materials, total	Millions of pounds	1, 485	6, 143	6, 709	7,942	8,959	12.8	13.3	11.8	12.3	13.6	12.7	12.9
PlasticizersHelicopters, nonmilitary	Units	148 71	602 217	630 291	781 306	* 830 411	12. 6 12. 4	14. 6 9. 2	10. 8 29. 6	10.8 -11.2	11. 3 23. 7	12. 9 17. 8	11. 1 4. 8
Frozen foods, total	Millions of pounds	1, 347	6, 437	7, 163	7,524	a 7,051	12.4	21. 1	9.6	8.4	3.1	15.8	5.7
Gas-fired boilersPetroleum coke	Thousands of short tons	31 2, 899	12,002	155 15, 067	162 15, 745	177 16, 135	12.3 12.1	18. 4 8. 3	9.9 11.6	10. 6 21. 5	7. 6 10. 4	14. 5 9. 7	9. 1 15. 8
Vitamins	Thousanas of pounds. Millions of square feet.	2, 610 1, 871	11,063	12, 560 8, 519	12, 355 9, 361	14, 874 9, 923	12.0 11.8	12. 3 14. 4	16. 5 10. 4	8. 9 12. 7	10. 4 8. 3	14. 1 12. 6	9. 6 10. 5
Floor polishers	Thousands	b 185	7, 816 1, 024	1,029	1,014	1,045	11.4	8. 1	19. 2	19.8	.7	12. 4	9.8
TolueneAmmonia, synthetic anhydrous	Millions of gallons Thousands of short tons.	84 1, 375	274 4, 818	260 5, 207	361 5, 810	419 6, 646	11.3 11.1	13. 2 10. 7	6. 3 13. 0	11. 2 8. 9	15. 2 11. 3	10. 1 11. 7	13. 2 10. 1
Perchloroethylene	Millions of pounds	68	209	225	320	326	11.0	17.6	6. 5	2.0	16.0	12.5	8.8
Shavers Transparent film for packaging	Thousands Millions of pounds	1, 650 205	5, 950 1 706	6, 500 786	6, 700 850	(*) 910	10. 5 10. 4	16. 2 13. 6	17. 4 11. 0	-3.6 6.2	6.1 8.8	16. 8 12. 5	7. 5
BlendersEffervescent wines	Thousands Thous. of wine gallons.	215 1, 140	455 4, 019	515 4, 114	780 4,414	920 4, 807	10. 2 10. 1	7. 6 4. 6	10. 1 16. 8	. 0 14. 8	26. 5 6. 1	8. 7 9. 8	12. 5 10. 4
Liquified petroleum gases	Millions of barrels	67	230	238	256	274	9. 9	12.8	8.8	10.5	6.1	11.0	8. 2
FormaldehydeEthylene glycol	Millions of pounds Thousands of pounds	617 367	1,872 1,297	1,752 1,183	$\frac{2,398}{1,434}$	2,552 1,453	9.9	$12.6 \\ 11.2$	4.8 17.8	11.5 2.6	10.9 3.9	9, 1 14, 1	11. 2 3. 2
Dishwashers, motor-driven	Thousands Thous, of short tons	225	555	620	720	880	9.5	-4.4 9.3	21.3	12.5	16.6	6.3 10.8	14. 5 6. 7
Nitric acid	do	$^{1,133}_{623}$	3, 315 2, 014	3,380 1,904	3, 370 2, 118	4, 197 2, 313	9.1	15.0	12.7 7.1	5. 3 6. 9	8.2 4.7	11.4	5.8
Frozen vegetables except potatoes Benzene, chemical and motor grade	Millions of pounds Millions of gallons	446 184	1,408 457	$1,537 \\ 545$	1,503 546	4 1, 451 651	9.1 8.8	18.3 8.1	2.7 5.1	7.1	1.0 12.5	11.1	4.0 11.9
Urea and melamine resins.	Millions of pounds	149	399	440	489	520	8.7	11.5	8.0	4.6	9.2	9.9	6.9
ButadieneSkirts	Millions of gallons Millions	661 35	1,883 100	1, 911 97	2, 145 94	2,301 119	8.7 8.5	11.8 15.9	7.6 5.3	6. 9 3. 8	6. 9 5. 9	9. 9 11. 0	6.9 4.8
Pentaerythritol	Millions of pounds Billions of cubic feet	21 28	64 65	62 66	62 76	70 95	8.4 8.4	21.7	12.5	3.9 16.8	3. 0 13. 2	11.7 4.2	3. 5 15. 0
Hydrogen Rubber, synthetic, all types	Thous. of long tons	488	1,436	1,404	1,574	1,608	8.3	-2.1 11.7	12.5	8.7	3.8	9.6	6.2
Chlorine gasGasoline engines, except outboard, automobile,	Thous. of short tons Thousands	1,640 b 2,140	4,637 6,622	4, 601 5, 968	5, 143 7, 125	5,448	8.3 8.3	11.3 5.7	9. 0 13. 3	5. 5 6. 9	5. 5 8. 8	10.3 8.7	5. 5 7. 7
and aircraft.	j l	159		374	427	474	7.6	7.4	11.9	4.0	5. 7	9.4	4.9
Phthalic anhydride	Millions of pounds do Billions of KWH	297	401 774	779	826	896	7.6	5. 2 8. 8	9.8	11.7	5.0	11 - 7.2	8.3
Motor ton-miles truck transportation	Billions of KWH Billions of tons and mi.	337 116	842 298	879 313	943 332	1,008 346	7. 6 7. 6	8.8 13.3	8.6 4.0	5. 6 5. 5	6. 2 5. 1	8.7 9.1	5. 9 5. 3
Hotol ton-lines track transportation	Moderately growing-		<u> </u>			1	11	<u> </u>	1	1 0.0	0.1		
	1		1			14 515	70					0.4	
Natural gas, marketed	Billions of cubic feet Millions of pounds	5, 148 8 110	12, 771 248	13, 254 281	13, 877 298	14, 515 (*) 124 13, 770	7.2	10.3 6.9	6. 2 4. 3	6.1 8.5	4.4 9.6	8. 4 5. 8	5. 2 9. 0
Aviation gasoline	Millions of barrels Millions of cubic feet	46 5, 144	114 12, 143	118 11,618	122 13, 239	124 13, 770	6.8	14. 4 5. 6	5. 6 11. 8	4.8	2.8 4.3	10.4 8.3	1.7 4.6
AcetyleneMilling machines	Thousands	6	14	13	15	(*)	6.8	24.6	-1.4	-6.3	3. 5	12.3	-2.5
Book publications Floor & wall tile, glazed and unglazed	Number of editions Millions of square feet.	9, 897 102	15, 012 233	18, 060 228	21, 904 253	25, 784 266	6.6	4 0 5.6	2, 2 11, 5	4. 5 4. 0	19.8 4.5	3. 2 8. 2	11.9 4.3
Coats, separate, men's	Thousands	4,865	10, 237	9, 711	11, 300	12,653	6.6	9. 1 6. 9	4.7	4.3	7.3	7. 1 5. 6	5. 8 8. 1
Aluminum mill products	Millions of short tons	1,640 319	3, 049 710	3, 345 752	3, 811 777	4, 264 831	6.6	6.6	9. 5	4.0	5.4	7.9	4.7
Merchant Ship construction, deliveries	Thous. of gross tons	164 11, 016	404 23, 553	369 22, 668	385 27, 194	422 28, 400		28.3 4.5	-13.4 7.1	8. 1 9. 3	1. 5 6. 3	7. 7 5. 6	4. 7 7. 8
Acetylsaliyelic (aspirin)	Millions of pounds	422	765	784	986	1,047	6.2	3.4	2. 2	12.0	11.0	2.9	11.5
Garden tractors Coumarone—indene and petroleum polymers	Thousands Millions of pounds	185 135	408 265	370 281	424 348	418 344		5. 9 8. 9	-7.8 8.4	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	7.6	4 8.7	15.3 2.4
Potash deliveries (K2° content)	Thous. of short tons	1, 120	2, 170	2,079	2, 359	2,723	6.1	9.0	2.9	4.0	7.9	6. 2	5.9 4.7
Sodium hydroxide, liquidGalvanized sheets	. do	2, 377 1, 643	4, 972 3, 057	4, 914 3, 330	5, 443 3, 533	5, 697 3, 922	6.0	6. 5 6. 9	1.1	4. 7 8. 5	4. 6 8. 7	4.3	8.6
Newsprint production	do	876 149	2, 004 296	2, 054 307	2, 098 336	2, 086 352	6.0	4. 1 2. 4	13.9	3. 7 8. 9	1.3 5.9	8.3 4.9	2. 5 7. 4
Methanol, synthetic Woodpulp	Thous, of short tons	12,872	25, 316 970	26, 523	27, 908	29, 435	5. 7	6.4	5. 6	5. 1	5. 9 5. 2 2. 6	6.0	5. 1 1. 7
Hydrochloric Acid	Thous. of long tons	458		911	1,052	1, 047	5.7	11.1				8.4	

Table A.—Production of Selected Products and Services, 1948, and 1960-63, and Average Annual Rates of Growth for Specified
Time Periods 1—Continued

New York 1985 1986 198	Product or service	Unit of macana		F	Production				Av	erage an	nual rate	es of grow	/th	
The second state of the control of t	rioduct or service	Unit of measure	1948	1960	1961	1962	1963	1948-63	1948-53	1953-57	1957-60	1960-63	1948–57	1957-63
Afters, four, 4.5. and portable Therefore the proposed control of the prop	Мо	derately growing-Increa	ses at an	average anr	nual rate of	0 to 7.4 p	ercent 1948	-63—Con	inued		·			
Sodium bieromate and chromate 1 Thous, of short tons 96 122 121 128 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131	Potash—Marketable Production Mixers, food, std. and portable Man-made fibers, total pecial industrial and absorbent paper "ulpwood consumption sphalt. Zithyl alcohol anitary and tissue paper Vaists, blouses, and shirts 'honographs including radio and phonograph combinations. hipping containers. Thorescent lamps Iluminum castings Laminum castings Larbon dioxide Trucks, electric, rider-type Hi pipeline transportation Distillate fuel oil "assenger cars. Idea fine pads Hearing pads Hearing pads Hearing pads Hearing pads Hearing pads Housers, commercial. Hine paper Tresses, all sizes: Girls', children's, infants' Mag paper Hass containers Varmani furnaces. "assenger car tires amps, bulbs, and tubes ait ulphuric acid tseef "aper and board, total tithyl acetate Honerete reinforcing bars dotor fuel excluding aviation cement, portland Trailer coaches, mobile home type. Rubber consumption, nat. and syn., total. Receiving tubes Water heaters, gas. 'unasten, mine shipments Hipping sack paper Inline Trailer coaches, mobile home type. Rubber consumption, nat. and syn., total. Receiving tubes Water coaches, mobile home type. Rubber consumption, nat. and syn., total. Receiving tubes Water coaches, mobile home type. Rubber consumption, nat. and syn., total. Receiving tubes Water coaches, mobile home type. Rubber consumption, nat. and syn., total. Receiving tubes Water coaches, mobile home type. Rubber consumption, nat. and syn., total. Receiving tubes Water coaches, mobile home type. Rubber consumption, shirts, dress, sport, becimercial. Receiving tubes Water coaches, mobile home type. Rubber consumption, shirts, dress, sport, becimercial. Receiving tubes Water coaches, mobile home type. Rubber consumption. Rabeium carbide, commercial. Receiving tubes Receivi	Thous of short tons. Thousands. Millions of pounds. Thous of short tons. Millions of barrels. Millions of gallons. Thous of short tons. Millions of gallons. Thous of short tons. Millions. Thousands. Millions of square feet. Million pounds. Thousands short tons. Million pounds. Thousands. Million pounds Thousands. Million pounds Thousands. Million pounds. Thousands. Million pounds. Thousands. Millions. Thousands. Millions. Thousands. Millions. Thousands. Millions. Thousands short tons. Millions. Thousand short tons. Millions. Thousands short tons. Millions. Millions. Thousands. Millions. Millions. Millions of sort tons. Millions of short tons. Millions of short tons. Millions of square feet. Thous of short tons. Millions of pounds. Thous of short tons. Millions of pounds. Thousands of pounds. Thousands of pounds. Thousands of pounds. Thousands of short tons. Millions of short tons.	1, 149 1, 570 1, 199 415 21, 189 94 2, 580 62 79 472 3, 438 1, 20 381 3, 909 1, 600 9, 508 44 639 9, 508 44 639 67 10, 780 1, 141 1, 456 766 69 97 77 67 1, 837 16, 460 11, 456 9, 075 21, 897 1, 513 3, 151 2, 660 20 3, 151 2, 660 20 3, 151 2, 660 20 3, 108 3, 151 2, 660 20 3, 158 3, 151 2, 660 20 3, 158 3, 151 2, 660 20 3, 158 3, 151 2, 660 20 3, 158 3, 151 2, 660 20 3, 158 3, 151 2, 660 20 3, 158 3, 151 2, 660 20 3, 158 3, 151 2, 660 20 3, 108 3, 151 2, 660 20 3, 158 3, 151 2, 660 20 3, 158 3, 151 2, 660 3, 158 3, 151 3,	2, 638 3, 245 1, 883 760 40, 485 98 596 2, 202 187 4, 523 775 898 5, 640 667 6, 675 2, 575 1, 695 15, 851 689 18, 706 116 1, 253 105 2, 921 117, 883 14, 727 34, 444 107 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2	2, 732 3, 236 1, 995 844 42, 191 101 626 2, 311 183 3, 989 115 134 762 911 4, 561 1, 762 911 4, 561 1, 724 16, 629 705 19, 656 1, 919 11, 1, 266 1, 175 103 2, 927 17, 848 15, 296 1, 919 11, 1, 266 1, 175 103 2, 927 17, 848 15, 296 1, 416 102 2, 442 1, 416 1, 175 1, 582 1, 416 1, 175 1, 582 1, 416 1, 175 1, 582 1, 416 1, 181 1, 165 1, 184 1, 181 1, 165 1, 184 1, 165 1, 184 1, 165 1, 184 1, 165 1, 184 1, 165 1, 184 1, 165 1, 184 1, 165 1, 184 1, 165 1, 184 1, 165 1, 184 1, 165 1, 165 1, 165 1, 165 1, 168 1, 165 1, 168 1, 16	2, 452 3, 575 2, 433 912 44, 070 109 635 2, 424 197 4, 955 5, 652 238 720 6, 933 720 6, 933 720 6, 933 720 6, 933 720 1, 766 2, 930 1, 766 1, 109 668 20, 269 1, 109 1, 176 1, 109 1, 10	(*) 3, 563 2, 991 933 46, 159 111 692 2, 516 196 6, 973 1, 664 6, 973 2, 144 16, 6, 973 2, 146 18, 243 1, 207 2, 163 1, 174 18, 243 1, 207 2, 123 2, 112 1, 300 20, 259 21 1, 300 20, 259 21 1, 300 20, 123 3, 302 2, 122 1, 300 20, 513 3, 102 20, 700 20, 513 30, 048 110 2, 103 38, 14, 301 2, 103 38, 14, 301 2, 103 38, 14, 301 2, 103 38, 14, 301 2, 103 38, 14, 301 38, 15, 53, 33 4, 301 2, 102 3, 171 3, 106 1, 108 3, 171 3, 107 24, 852 4, 924 3, 743 4, 809 46, 650 1, 1, 026 3, 171 28, 141 1, 100 10, 650 11, 100 20, 10	66555332109 988888886544443332221 5555555555555555555555555555555444433322221 4484444444444444444444444444444444	10.97 10.97	17.63 4.44 6.23 7 9 9 4 4 6.23 3 3 9 2 5 5 4 4 9 2 8 5 2 8 1 4 4 1 4 6 6 2 3 4 0 . 3 6 4 4 8 9 9 2 2 8 5 5 2 8 1 4 4 1 4 6 6 2 3 6 0 4 8 8 9 9 2 5 5 5 4 9 2 8 5 2 8 1 4 1 4 4 6 6 2 3 1 2 3 2 3 3 5 2 8 1 4 1 4 2 6 0 5 3 3 3 3 4 4 8 8 9 9 1 2 2 2 1 5 5 3 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1	-3.4 2.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3	3.2 6.1 6.1 7.8 5.0 5.7 7.3 9.6 6.2 4.1 8.4 9.8 9.2 1.1 8.4 9.8 9.2 1.1 1.1 8.4 9.8 9.2 1.2 1.1 8.4 9.8 9.2 1.1 1.1 8.4 9.8 9.2 1.1 1.1 8.4 9.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	9.4430.7631.5151.51.51.51.51.51.51.62.25.26.38.3.21.18.55.77.7.5.3.5.51.51.51.65.26.3.4.6.5.26.52.6.3.4.6.5.26.3.4.6.5.26.3.4.6.5.26.3.4.4.4.4.5.3.4.4.4.4.5.3.22.4.4.2.3.3.8.9.8.2.5.93.7.0.9.9.6.4.6.4.17.9.60.8.2.4.7.6.2.2.2.4.4.2.3.3.8.9.2.7.2.8.9.3.9.9.9.6.4.6.4.17.9.6.0.8.2.4.7.6.2.2.2.4.4.2.3.3.4.9.9.2.7.3.3.8.9.8.2.5.9.3.7.6.2.2.3.3.3.2.3.2.3.2.5.5.3.3.1.2.1.2.5.2.4.1.1.1.2.2.2.9.4.2.3.3.4.9.9.9.6.4.6.4.1.7.9.6.0.8.4.4.4.4.4.3.5.3.2.2.4.4.2.3.3.9.2.7.3.3.8.9.8.2.5.9.3.3.4.0.9.9.6.4.6.4.1.7.9.6.0.8.4.4.4.4.4.3.5.3.2.2.4.4.4.2.3.3.4.9.2.7.9.9.9.6.4.6.4.1.7.9.6.0.8.4.4.4.4.4.3.5.3.2.2.4.4.4.2.3.3.4.9.2.7.9.9.9.6.4.6.2.2.2.2.2.2.6.2.3.3.3.2.3.2.3.2.3.2.3	5. 3. 3. 4. 4. 8. 5. 4. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.

Table A.—Production of Selected Products and Services, 1948, and 1960-63, and Average Annual Rates of Growth for Specified

Time Periods 1—Continued

	<u> </u>	1 11110	Periods	Cont	mucu	 7							
Product or service	Unit of measure		1	Production	·			A	verage an	nual rat	es of grow	th	
:		1948	1960	1961	1962	1963	1948-63	1948-53	1953-57	1957-60	1960-63	1948-57	1957-63
Mo	oderately growing—Incre	ses at an	average an	nual rate o	f 0 to 7.4 p	ercent 1948	6-63—Con	tinued	1	<u>i</u>	<u> </u>	<u> </u>	
Exterior frames. Nickel consumption. Bathtubs, total. Innerspring mattresses, other than for cribs. Bed springs, total. Slab zine, consumption. Asphalt shingles. Bauxite, shipments from mines and processing plants to consumers. Sodium sulfates. Kitchen sinks, total Brick, common and face. Glass, sheet (window) Ice cream. Automotive replacement batteries. Vacuum cleaners. Folding paper boxes. Mill consumption of rayon and acetate. Hosiery, shipments, total. Pork, excluding lard. Irons. Confectionery sales. Shoes and slippers. Lubricants. Steel ingots and steel for castings. Clay sewer pipe and fittings, vitrified. Drinking fountains. Frozen seafood. Barbiturates. Cigars, production. Steel line pipe. Sulphur native (Frasch) and recovered. Shower stalls. Pigi fron. Rayon and acetate, production. Copper, consumption.	Thous Thous of short tons Thousands			6, 053 118 2, 073 8, 215 7, 378 40, 337 1, 123 2, 733 6, 428 20, 836 3, 346 28, 311 3, 283 1, 127 1, 168 11, 412 7, 415 3, 112 593 109 109 320 700 6, 613 2, 544 6, 631 1, 194 6, 631 1, 195		**Test			1.0 3.6 7 3.4 9 -1.3 3.0 -2.8 2.4 3.5 1.2 -1.0 -1.1 1.0 8.4 3.5 1.2 -1.0 -1.3 3.5 1.2 -1.0 -1.3 3.5 1.2 -1.0		3.0 5.0 7.2 -8 1.0 7.2 1.1 -2.3 4.0 17.6 4.4 1.1 1.6.5 8.6 9.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.2 2.9 4 2.6 2.2 1.5 3.2 1.4 -3.7 1.1 1.5 4.2 8.3 2.2 4.4 4.4 2.5 2.7 1.4 2.5 2.7 1.4 2.5 3.7 3.7 3.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4	1. 7 4 5. 6 9 9 1. 4 4 3. 6 6 -2. 3 2. 4 10. 2 7 2. 9 9 1. 7 3. 5 5 4. 9 2. 8 2. 9 2. 2 1 -1. 5 1. 9 4 2. 6 9 -9. 3 -2. 4 4. 2. 9 2. 3
Truck and bus tires. Dresses, women's. Ranges, electric including built-in. Finished steel products, total. Facing tile, glazed and unglazed (hollow). Fermented mait liquor (beer). Slab zine, primary. Waste paper consumption. Bicycles. Mill consumption of all fibers. Radios, including automobile. Typewriters, standard, including portables. Calculating machines, electric and nonelectric.	Thousands Millions Thous of short tons. Thous of short tons. Millions of brick Thousands of barrels. Thous of short tons do Thousands. Millions of pounds Thousands do do do do do do Millions of pounds Thous of long tons. Millions of pounds Thous of short tons. Thous of short tons. Thous of short tons. Thous of short tons. Thousands Thousands Thous of short tons. Millions of pounds Thousands Thousands Thous of short tons. Millions of short tons. Thousands Thousands Thousands	14, 576 2, 1, 600 65, 973 88, 125 7, 585 2, 750 6, 409 16, 500 1, 173 3, 650 1, 1376 267 267 267 267 267 267 267 2	14, 483 1, 483 1, 495 71, 149 93, 415 90, 032 2, 593 6, 492 17, 127 1, 180 1, 122 8, 300 3, 345 1, 194 2, 563 293 156 7, 052 30, 478 497 4, 558 475 821 879 49 1, 021	1, 237 13, 346 252 1, 530 66, 126 424 95, 030 847 9, 018 2, 579 6, 571 17, 374 1, 118 119 8, 955 1, 134 2, 517 264 167 7, 067 31, 891 525 4, 516 832 447 786 45 1, 027	15, 758 251 1, 675 70, 552 413 96, 832 87, 90, 075 2, 954 7, 055 19, 162 1, 294 1, 294 1, 294 2, 480 2, 480 2, 480 30, 351 4, 607 809 808 868 780 43 1, 110	1, 423 16, 890 263 1, 870 75, 555 366 100, 631 899 8, 738 3, 118 7, 269 18, 281 1, 296 (*) 10, 790 3, 955 1, 463 2, 473 281 210 7, 043 34, 374 4, 682 4, 682 48 1, 136	1.1 1.0 1.0 1.9 9 .9 9 .9 9 .8 8 .8 7 .7 .5 .5 .4 4 .3 3 .2 2 .2 2 .2 1 .1	3.4 2.27 -4.8 4.0 6.9 9.3.1 2.4 -6.2 -4.1 1.9 -3.4 -5.3 -5.0 -2.6 -3.3 -5.0 -2.6 -3.3 -5.0 -2.6 -3.1 -2.4 -5.3 -5.3 -5.0 -2.6 -2.1 -3.8 -7.5 -3.8 -7.5 -3.8 -3.1 -3.8 -3.8 -3.8 -3.8 -3.8 -3.8 -3.8 -3.8	-3.6 -2.3 -2.2 -7.7 -1.9 -1.1 -1.3 -1.0 3.6 6.1 5.5 -2.4 7.3 -2.1 -2.0 -1.9 -3.7 -2.5 -1.1 -1.1 -1.3 -1.0 -2.9 -3.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2.5 -2.7 -3.3 -3.8 -2.6 -1.5 -6.7 -2.1 10.9 -1.3 -3.5 -10.3 -2.6 -2.2 -3.7 -2.6 -2.2 -3.7 -2.6 -2.2 -3.7 -2.6 -2.6 -2.6 -2.6 -3.7 -2.6 -3.7 -2.6 -3.7 -3.7 -3.7 -3.7 -3.7 -3.7 -3.7 -3.7	7.4 5.3 1.2 7.7 2.0 -3.5 2.5 2.5 2.5 4.0 -1.1 6.3 3.8 2.2 2.2 3.2 4.4 9.1 7.0 -1.5 -1.4 .0 4.1 10.4 .1 .1 .3 .3 .3 .3 .3 .3 .3 .4 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	-2 -9 1.3 -1.7 2.2 2.5 2.5 1.3 -4.0 -3 -7 3.8 -1.0 -3.7 5.2 -2.5 -2.5 -2.5 -2.5 -3.0 -3.7 -3.7 -5.2 -3.0 -1.0 -3.7 -3.0 -3.7 -3.0 -3.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1	2.3 4.0 5.5 5.4 9 -3.1 2.0 -1.5 5.6 2.6 2.9 -3.8 4.3 .9 4.8 6 6.6 -7.0 -3.2 1.4 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9
			g declining	1			1 . 1	1	<u> </u>		1 00		
Railroad revenue freight ton-miles. Lead, refined, production (domesitic and foreign ores). Gray iron castings. Washing machines, electric and gas. Coats, trimmed and untrimmed, women's Creamery, butter Crowns Flour, wheat Silver, mine production Lumber, total. Suits, men's Gloves and mittens; all types Bus transportation Cotton broad woven goods Water heaters, electric Raw cotton consumption. Silk consumption, primary and secondary Refrigerators, electric. Cast iron boilers (round and square) Steel castings Steel barrels and drums, heavy type Canned fruit juices Fine clay, sold or used by producers Cattle hides and side kip Zinc, mine Work shirts, men's. Asphalt roll roofing Rayon tire cord Wool consumption, carpet class Cooking stoves, gas, domestic Open sash Bituminous coal Tractor implement tires	Billion ton-miles Thousand short tons do Thousands Thousands Million pounds Million pounds Million barrels Thousands of fine oz Billions of board feet Thousands Million pair Mil. of pass, miles Million pair Mil. of pass, miles Million pounds Thousand pounds Thousand long tons Thousand long tons Thousand short tons Million pounds Thousand short tons Million pounds Thousand short tons Million pound Thousand short tons Million pound Thousand short tons Thousand short tons Thousand short tons Thousands of squares Million pounds Thousand short tons Thousands of squares Million pounds Thousands of squares Million solution Thousands of squares Million solution Thousands Millions of short tons Thousands Millions of short tons Thousands Thousands	641 407 13, 207 4, 196 25, 574 1, 504 333 3142 37, 660 9, 640 1, 040 4, 464 4, 464 263 1, 766 263 27, 070 2, 458 29, 913 26, 070 64, 648 29, 913 20, 750 11, 820 65, 160 1, 820 65, 160 1, 820 1, 820	575 382 11, 594 3, 364 23, 544 1, 435 280 130 30, 766 321, 316 9, 366 715 4, 191 6, 900 81 1, 392 21, 655 2, 160 9, 915 21, 969 9, 915 21, 969 1, 345 3, 696 21, 754 4, 191 6, 900 81 1, 392 1, 189 1, 1	566 450 10, 824 3, 444 24, 294 1, 536 305 133 34, 794 19, 703 9, 168 785 4, 082 6, 700 78 3, 480 1, 217 22, 010 2, 084 8, 689 22, 736 3, 620 21, 469 1, 830 8, 814 403 3, 520	596 378 11, 53 3, 795 24, 029 1, 579 309 134 36, 798 20, 218 325 21, 279 9, 900 4, 188 6, 500 79 3, 775 (*) 2, 206 4, 206 4, 206 4, 206 2, 206 3, 3, 365 2, 206 3, 635 2, 206 3, 635 2, 208 3, 635 3,	628 398 12, 763 4, 029 24, 558 • 1, 453 316 135, 444 355 21, 587 • 330 22, 000 8, 778 950 4, 041 6, 600 78 4, 125 222 1, 504 23, 063 2, 046 8, 300 21, 653 2, 046 8, 300 21, 653 3, 759 23, 610 • 196 • 161 • 2, 078 8, 927 452 3, 817	1 1 2 3 3 3 4 4 5 6 6 6 6 1 1 1 1 1 1 1 1 1 1	-1.0 -2.8 -7.1.2 -1.3 -1.5 -4.3 -1.5 -1.4 -1.0 -1.1 -1.5 -1.4 -1.0 -1.1 -1.5 -1.4 -1.0 -1.1 -1.5 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.5 -1.6 -2.7 -1.6 -2.7 -1.6 -2.3 -3.5 -1.1 -1.6 -2.5 -1.6 -2.7 -1.6 -2.7 -3.5	-5 3.4 -2.0 -1.4 -6 -1.25 1.7 -2.0 -8 -3.3 -1.6 -1.2 -2.1 -1.49 -1.6 4.6 -1.0 -7.6 -4.0 -7.6 -1.5 -2.3 -3.5 -1.9 -3.1	-2.6	3.0 1.4 3.3 3.2 1.4 1.1 1.3 1.7 3.2 1.2 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	3 3.15 -1.145 -1.76 -1.5 -1.12 -1.81.0 -1.3 -1.2 -3.8 -2.7 -1.87 -1.3 -3.5 -3.6 -3.6 -3.5 -3.6 -3.6 -3.6 -3.7 -3.8 -3.7 -3.8 -3.7 -3.8 -3.7 -3.8 -3.7 -3.8 -3.7 -3.8 -3.8 -3.8 -3.8 -3.8 -3.8 -3.8 -3.8	-2 -4.8 -1.0 -0.1 -1.1 -7.7 -1.5 -8 -1.3 -1.4 -2.9 -1.4 -2.0 -4.3 -2.7 -1.5 -1.7 -7.3 -9 -1.7 -1.4 -2.4

Table A.—Production of Selected Products and Services, 1948, and 1960-63, and Average Annual Rates of Growth for Specified
Time Periods 1—Continued

Annual		Time	Periods	-Con	tinued								
Product or service	Unit of measure			Productio	n			A	verage an	nual rate	es of grow	rth	
		1948	1960	1961	1962	1963	1948-63	1948-53	1953-57	1957-60	1960-63	1948-57	1957-63
		Showing	declining	trends—C	ontinued								
Wire and wire products Coke, by-product and beehive. Outboard motors. Iron ore Gold, mine production Creosote oil. Manufactured tobacco. Suits, women's Veal. Lead, mine Overcoats and topcoats, men's. Condensed and evaporated milk. Whisky, production Residual fuel oil. Lathes. Wool consumption, apparel and carpet. Gas-fired direct heating equipment. Woolen and worsted woven goods. Calf and kid skins. Methanol, natural. Milking machines. Wool consumption, apparel elass. Carpets and rugs, wool type. Ponderosa Pine doors. Railroad Revenue passenger miles. Maple, beach and birch flooring. Power sprayers and dusters. Feature movies. Local transit, passengers carried. Railroad freight cars. Soap, natural. Heating stoves, domestic. Goat and kid skins. Wire nails and staples. Anthracite. Insulated siding, all types Rails and accessories. Locomotives, diesel-electrie. Structural clay tile. Pump jacks. Corn pickers, field. Combines (harvester-threshers). Hand and windmill pumps. Aspalat siding. Tractor moldboard plows. Railroad passenger cars.	Thous. of short tonsdo ThousandsMillions of long tons. Thousands of fine oz. Millions of gallonsMillions of gallonsMillions of pounds ThousandsMillions of short tons ThousandsMillions of short tons ThousandsMillions of poundsMillions of barrels ThousandsMillions of barrels Millions of pounds Millions of inear yds Millions of inear yds Thousands Millions of inear yds Thousands of skins Thousands of skins Thousands of skins Millions of pounds Millions of board feet Thousands Millions of board feet Thousands Millions Thousands Millions Thousands Millions Thousands Millions Thousands Thousands of skins Thousands of short tons. Millions of short tons. Millions of short tons. Thousands of short tons. Thousands of sourares. Millions of short tons. Thousands do do do do Thousands of squares. Thousands Number	\$\frac{4}{301}\$ 4, 301 74, 862 499 101 2, 010 2, 101 2, 1145 245 14, 963 1, 423 390 6, 193 3, 755 6, 171 466 29 603 2, 084 498 10, 480 2, 366 4, 091 41, 200 4, 091 41, 200 57 3, 180 5, 227 37, 970 57 2, 560 860 57 2, 560 3, 517 2, 254 1, 271 457 79 946 3, 309 946	2, 975 57, 229 468 89 1, 667 173 9, 419 1, 108 247 5, 293 2, 666 6, 332 2, 162 286 246 54 1, 948 21, 300 36 154 7, 521 7, 521 7, 521 1, 293 1, 856 18, 835 30 19 1, 131 1, 1266 376 488 488 488 488 488 488 488 488 423 7 30 98 872 94 237	3,035 51,711 343 343 173 173 174 174 175	3, 109 51, 910 360 72 1, 540 91 169 9, 676 1, 015 2, 407 4, 811 2, 407 1, 127 310 5, 981 1, 195 290 280 43 1, 987 7, 122 37 1, 230 1, 884 14, 213 322 17 926 1, 029 736 423 9 222 25 105 799 278	3, 138 54, 236 362 474 1, 427 1, 427 1, 99 168 9, 941 927 3, 948 2, 365 (*) (*) (*) (*) (*) 412 41, 218 4284 5, 596 1, 235 251 441 1, 986 18, 800 34 (*) 155 6, 874 45 41, 211 1, 961 14, 111 198 852 1, 107 700 377 11 20 (*) 112 794 74 193	-2.1	-2.4 1.0 -1.3 3.2 -6.5 -1.5 -7.9 -9.5 -1.2 -8.5 -8.5 -1.2 -6.5 -6.6 -6.1 -9.0 -3.3 -1.5 -6.6 -6.1 -9.0 -3.3 -1.5 -6.5 -6.5 -7.2 -8.2 -8.5 -8.5 -8.5 -8.5 -8.5 -8.5 -8.5 -8.5	-3.19 8.3 -2.6 -2.3 -2.6 -3.8 -9.3 -1.1 -4.9 -0.0 7.2 -1.9 -12.7 -7.0 -3.7 -3.3 -1.9 -4.4 -5.1 -1.7 -6.8 -9.1 -8.7 -4.1 -8.7 -4.9 -10.9 -8.7 -20.5 -10.9 -8.7 -20.5 -10.9 -8.7 -12.6 -12.6 -12.6 -12.6	-3.9 -9.0 -10.0 -5.7 -2.2 -8.1 -1.1 -9.9 -10.1 -9.9 -10.6 -2.5 -7.2 -10.4 3.7 -5.6 -9.9 -11.8 3.8 3.4 3.8 -1.2 -1.3 -1.2 -1.3 -1.2 -1.3 -1.2 -1.3 -1.2 -1.3 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	1.8 -1.8 -1.8 -1.8 -1.8 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0	-2.7 -2.8 -1.3 -2.1 -3.4 -4.7 -1.6 -2.2 -2.9 -1.3 -1.6 -6.8 -4.0 -5.7 -1.4 -2.1 -9.6 -7.5 -1.1 -3.4 -4.7 -1.3 -1.6 -8.7 -1.4 -2.1 -3.9 -1.3 -7.5 -1.1 -3.5 -1.6 -7.5 -7.7 -7.0 -8.6 -4.1 -8.0 -8.7 -7.7 -7.0 -8.6 -4.1 -8.0 -7.7 -7.0 -8.6 -4.1 -7.7 -7.0	-1.1 -5.2 -3.2 -3.2 -1.1 -7.9 -4.0 -3.2 -6.6 -6.4 -6.1 -7.4 -8.0 -7.4 -7.2 -7.3 -7.3 -7.3 -7.4 -7.5 -7.4 -7.5 -7.4 -7.5 -7.4 -7.5 -7.4 -7.5 -7.4 -7.5 -7.4 -7.5 -7.4 -7.5 -7.5 -7.5 -7.5 -7.5 -7.5 -7.5 -7.5
Radiators and convectors	Millions of square feet_ Units Millions of pounds Thousands of pounds	19, 115 285 33, 200	21 4, 102 30 1, 537	14 2,729 19 1,521	2, 435 19 1, 222	12 2,689 13 1,138	-10.1 -10.2 -12.3 -18.2 -20.1	$ \begin{array}{c c} -11.8 \\ -23.3 \\ -23.8 \\ -22.1 \end{array} $	$ \begin{array}{c c} -6.0 \\ -10.9 \\ -12.9 \\ -21.1 \end{array} $	$ \begin{array}{r} -5.6 \\ 8.5 \\ -10.6 \\ -25.3 \end{array} $	$ \begin{array}{rrr} -17.0 \\ -13.1 \\ -24.1 \\ -9.5 \end{array} $	-9.3 -18.0 -19.2 -21.7	-11. 5 -2. 9 -17. 7 -17. 8
	Thousands of pounds.		PLEMEN		1 '	1, 150	-20.1	-22.1		-20.0	0.0	21.	
Washer-dryer combinations Stereophonic phonographs. Nylon tire cord Travel trailers. Neomycin base Antibiotics for animal feed supplements. Vending machines. Can openers, including combinations. Titanium dioxide. Aluminum foil. Dictating machines. Autographic registers. Frozen potatoes. let fuel. Semiconductor diodes and rectifiers. Helicopter transportation. Innertubes, passenger, truck, and bus. Air-conditioning systems, residential, excluding heat pumps heat pumps lir-conditioning systems, commercial, excluding heat pumps tree forgings (for sale) Trucks and tractors, gasoline. Trucks and tractors, gasoline. Trucks electric. hand (motorized). Recorders, tape. Transpillizers, total. Dihydrostreptomycin Letracycline. Larpets and rugs, tuffed type. Lairdyers with bonnets. Leat pumps. Lir conditioners for autos, installations. Lower brakes. Lutomatic transmissions.	do	* 104 d 1, 105 * 8 * 15, 370 / 15 * 236 * 428 d 300 * 299 * 94 * 99 * 108 i 71 * 21 / 19 i 26 * 67 * 41 i 84 * 1, 827 * 26, 843 * 6, 691 / 10 / 10 * 448 * 139 * 220 * 3, 000 i 1, 000 i 1, 000 i 1, 000 i 1, 1000 i 11, 270	151 3, 340 1, 399 40, 300 30 1, 199 646 1, 200 456 249 99 115 551 88 185 9, 475 41 115 1, 268 22, 625 5, 537 500 128 1, 164 392 1, 164 392 392 1, 164 392 392 392 392 392 392 392 392 392 392	94 2,900 40,500 40 1,819 621 1,800 279 96 279 8,603 388 206 109 1,183 19,669 4,623 3991 179 3,000 51,000 51,000 52,082 1,241 3,930	44 3, 601 187 57, 000 49 2, 357 683 2, 375 523 297 113 117 762 103 354 8, 192 41 1262 144 1, 359 26, 783 6, 005 720 240 1, 336 565 431 225 7, 000 61, 800 61, 800	29 3, 643 73, 700 480 49, 592 3, 000 521, 391 (*) (*) 40 353 4152 1, 392 29, 207 6, 562 828 300 41, 277 (*) 424 424 424 9, 700 477, 100 1, 032 77, 100 1, 032 200 3, 526 2, 011 5, 611			46. 3 19. 0 8. 2 15. 9 3. 4 -1. 2 32. 7 15. 4 235. 0 -14. 5 30. 8 9 -7. 5 -7. 5 -7. 5 -7. 5 -7. 26. 5 -74. 2 53. 6 25. 6 27. 7 28. 6 -7. 5 -7. 5 -7. 2 -7. 2 -7. 2 -7. 3 -7. 2 -7. 3 -7. 5 -7. 5 -7. 2 -7. 3 -7. 2 -7. 3 -7. 3 -7. 5 -7. 4 -7. 2 -7. 3 -7. 5 -7. 6 -7. 7 -7. 7 -	-5.5 17.1 18.6 7.7 11.3 9.4 -1 6.9 -4.3 3.7 35.8 11.7 48.9 42.5 1.1 16.1 9.7 5.4 3.1 5.6 64.0 6.5 -12.3 -10.8 15.0 72.8 22.0 18.6 -2 -4.3 -4.4	-42. 3 2. 9 13. 4 22. 8 39. 0 28. 0 28. 0 35. 7 4. 5 8. 7 6. 8 10. 3 -1.1 23. 0 9. 7 3. 2 8. 0 5. 8 32. 8 32. 8 32. 8 32. 8 32. 8 32. 8 34. 6 36. 6 37 37 38. 6 38. 8 39. 8 31. 9 31		-26. 2 15. 2 20. 6 22. 0 19. 3 3. 1 2. 2 7. 8 2. 6 10. 2 40. 9 25. 3 3 19. 7 -1. 2 5. 5 -8. 8 47. 6 4. 8 -1. 4 -2. 6 -4. 4 7. 1 1. 8 2. 2

^{*}Not available.

^{*}Not available.

¹ Average annual growth rates, calculated from data for the beginning and ending years, are derived by the use of the following formula: $P_2 = P_1 \ (1+r)^t$, where P_2 is the end-of-period production; P_1 is the beginning period production; r = rate of growth; and t is the number of years from the beginning to the ending period. For some products, where data were not available, 1947 was substituted for 1948 and 1962 for 1963. In the supplementary list, the production data shown in the "1948" column are for the 1st year such figures are available as indicated in the footnotes below.

a New or revised 1963 output data for about 50 products became available subsequent to the calculation of growth rates and the arrangement of of the table. The new or revised output figures for 1963 and the revised growth rates for 1957-63 and 1960-63 are shown. For the 1948-63 period, the revisions in the growth rates were generally too small to warrant a rearrangement of the table. Tables 1, 2, and 3 do not reflect the revisions in the growth rates. b 1947. <1956. d 1958. d 1958. 1959. ∫1954. d 1951. b 1955. j 1950. j 1953. k 1949. ∫1961.

Source: U.S. Department of Commerce, Office of Business Economics, based upon data obtained from private and Government sources.

of the 3-year rates. The data are shown in table 3.

From 1957 to 1960, only 16 percent of the items were classified as fast-growing; from 1960 to 1963 the proportion rose to 21 percent. The declining items constituted 37 percent of the total from 1957 to 1960; in the later period, this group represented 21 percent of all items.

Growth patterns of new products

Relatively few of the products that were comparatively new in the early postwar period have continued to show very high growth rates throughout their market life. Polyethylene, argon, textile glass fibers, antibiotics, and noncellulosic fibers, while expanding

much less rapidly than earlier, were still growing at an average rate of 10 percent or more per year in the 1957-63 period.

Room air conditioners, freezers, and frozen fruits are among some of the more important new products showing little change in output from the peak years of the mid-50's. Frozen meats and latex mattresses represent new postwar lines that grew very rapidly from 1948 to 1957 but have since shown negative rates.

The growth rates of many new consumer durable products that appeared on the market in the very early postwar period have not been uniform. Of 12

important items introduced since the end of the war, only 4—dishwashers, disposals, tape recorders, and electric blankets—have shown a generally consistent upward trend throughout their market life. For other appliances, production peaks were generally reached within 5 to 10 years after their introduction.

Output of black and white television sets, which reached high rates in 1950 and again in 1955, has since continued below these peaks. In a comparatively few years following the introduction of television receivers demand was so strong that by 1956 about \$1 percent of the wired homes in the United States were equipped with receivers; at present the figure is 93 percent.

REVISED STATISTICAL SERIES

Manufacturing and Trade Total and Retail Inventories¹

[Millions of dollars]

					Der] .	163									1964			
	Jan- uary	Febru- ary	March	April	May	June	July	August	Sep- tember	October		De- cember	Jan- uary	Febru- ury	March	April	May	June	Julyr
				·					Unadji	isted			,						
Manufacturing and trade, total	99,541	100, 738	101,830	102, 036	102, 323	102, 161	101,803	101,814	1 102,585	194, 506	105,922	103,777	104, 173	105, 499	106,619	107, 143	107, 163	106,735	105,89
Retail trade, total	27,054	27,847	28,741	28,862	28,720	28,378	28,350	28,024	28, 100	29,696	30, 806	28,500	28, 595	29, 327	30, 200	30, 566	30, 352	30,118	29,78
Durable goods stores Automotive group Eurojuure-ap-	11, 614 5, 015	12, 032 5, 369	12, 281 5, 440	12, 257 5, 387	12, 208 5, 335	12, 162 5, 251	12, 148 5, 250	11 461 1, 419	11, 280 1 1 253 1	11, 844 4, 660	12,399 5,036	12, 255 5, 353	12, 570 5, 659	12, 953 5, 961	13, 384 6, 159	13, 508 6, 157	13, 481 6, 085	13, 380 5, 927	13, 07 5, 81
pliance group Limber-bldg. 1	1, 832	1, 835	1,888	1, 909	1, 895	i, 910	1,908	1, 966	1, 992	2,066	2, 106	1, 975	1, 939	1, 955	2.023	2, 055	2,064	$\frac{1}{2}$ = 2, 040	2, 03
material Hardware group	2, 273	2, 328	2, 418	2, 413	2, 439	2, 404	2, 372	2,570	2, 363	2,314	2, 361	2, 316	2, 296	2, 317	2. 416	2, 447	2, 452	2, 452	2, 39
Nondurable goods stores. Apparel group Food group.	15, 440 3, 248 3, 350	15, 815 3, 388 3, 408	16, 460 3, 568 3, 485	16, 605 3, 544 3, 574	16, 512 3, 502 3, 584	16, 216 3, 348 3, 660	 16, 202 3, 342 3, 551	16, 563 3, 564 3, 491	17, 120 3, 785 3, 536	17 852 3, 925 3, 967	18, 207 3, 955 3, 797	16, 245 3, 380 3, 554	16, 025 3, 354 3, 553	16, 374 3, 514 3, 642	16, 816 3, 611 3, 698	17, 058 3, 655 3, 691	16, 871 3, 570 3, 673	16, 738 3, 499 3, 664	16, 70 3, 47 3, 61
General merchan- disc group	4, 482	4, 728	4,974	5, 040	5,011	4, 840	1,852	5, 051	5, 359	5, 743	5, 879	4, 767	4, 623	4, 699	4, 896	5, 035	4, 978	4. 931	5, 040
Department stores	2, 215	2, 329	2, 502	2, 574	2, 561	2, 450	2, 482	2, 596	2, 792	3, 051	3, 143	2, 512	2, 400	2.446	2, 556	2, 613	2, 608	2 555	2, 616
FT 1999 PRO COMMISSION STREET, C								Seasonail	y adjuste	-d									
Manufacturing and trade total	100, 529	100, 740	100, 986	101,369	101, 598	102, 026	102, 523	102, 672	103, 140	103, 731	101, 529	105, 127	105, 117	105, 413	105, 721	106, 371	106, 507	106, 621	106, 584
Retail trade, total Durable goods stores Automotive group	28, 060 11, 721 4, 874	28, 138 11, 823 4, 971	28, 231 11, 853 4, 995	28, 279 11, 793 4, 960	28,336 11,800 4,949	28, 157 11, 876 4, 968	28,648 11,981 5,038		12,032	28, 921 12, 116 5, 119	29, 254 12, 341 5, 301	29, 383 12, 509 5, 435	29, 608 12, 666 5, 494	29, 586 12, 708 5, 499	29, 661 12, 913 5, 650	29, 961 13, 045 5, 701	29, 926 13, 024 5, 624	30, 180 13, 079 5, 724	30, 061 12, 887 5, 586
Furniture-appliance group Lumber-bldg, ma- terial-hardware	1, 966	1, 900	1, 901	1, 894	1, 891	1,918	1, 931	1, 970	1, 931	1, 900	2,006	2,013	2,011	2, 022	2, 037	2, 041	2,066	2, 054	2, 068
group	2, 348	2, 356	2, 357	2, 351	2, 361	2, 359	2, 349	2, 375	2, 387	2, 372	2, 399	2, 402	2, 379	2,357	2, 357	2, 357	2,371	2, 399	2, 375
Nondurable goods stores	16, 339 3, 534 3, 443	16, 315 3, 525 3, 446	16, 378 3, 540 3, 468	16, 486 3, 523 3, 553	16, 536 3, 537 3, 563	16, 581 3, 509 3, 667	16, 667 3, 555 3, 609	16, 639 3, 536 3, 551	16, 720 3, 551 3, 619	16, 805 3, 581 3, 578	16, 913 3, 605 3, 585	16, 874 3, 539 3, 568	16, 942 3, 646 3, 659	16, 878 3, 657 3, 683	16, 748 3, 593 3, 680	16, 916 3, 630 3, 665	16, 902 3, 640 3, 651		17, 174 3, 681 3, 670
General merchan- dise group	4, 958	4, 996	4, 994	5, 024	5, 043	5, 015	5, 006	5, 023	5, 074	5, 147	5, 219	5, 186	5, 101	4, 959	4, 923	4, 999	4, 996	5, 160	5, 225
Department stores	2, 483	2, 502	2, 497	2, 528	2, 548	2, 574	2, 607		2, 639	2, 695	2, 747	2, 730	2, 679	2, 622	2, 564	2, 557	2, 600	-	2, 741
		M	anufa	eturin	g and	Trade	Total	and R	etail I	nvente	ry—S	ales Ra	itios 1	(Mont	hs)				
Manufacturing and	1.50	1.50	1 51	1.50	1 50	1.50	1 10			1 21	:	1.50	1	1.40	1.50	1 45	1 47	1 1 1 1 1 1	1 45
trade, total	1. 52	1, 50	1. 51	1. 50	1.50	1, 50	1.48	1, 50	1, 52	1, 51	1. 53	1.50	1.48	1.48	1. 50	1.48	1.47	1.48	1. 45
Retail trade, total Durable goods stores Nondurable goods	1. 38 1. 77	1.38 1.78	1, 39 1, 80	1. 39	1. 40	1. 39 1. 79	1, 38	1. 38	1. 41	1. 40 1. 75	1, 42 1, 83	1. 40 1. 83	1. 41 1. 85	1. 37 1. 75	1. 40 1. 86	1. 40 1. 86	1. 37 1. 80	1. 39	1. 37 1. 82
stores	1. 19	1. 19	1. 19	1.21	1.21	1.20	1, 20	1.18	1.21	1, 22	1. 22	1.19	1. 20	1.18	1. 17	1.18	1. 16	1.16	1, 15

> Preliminary.

Retail inventory estimates for the period January 1963 through June 1964 have been revised to incorporate new information from the Retail Trade 1965 Annual Report by the Bureau of the Census. Data in the Annual Report are derived from a substantially larger inventories held by retailers than are the estimates obtained from monthly surveys.

Current BUSINESS STATISTICS

THE STATISTICS here update series published in the 1963 edition of Business Statistics, biennial Statistical Supplement to the Survey OF CURRENT BUSINESS. That volume (price \$2.00) contains data by months, or quarters, for the years 1959 through 1962 (1951-62, for major quarterly series) and averages of monthly or quarterly data for all years back to 1939; it also provides a description of each series and references to sources of earlier figures. Series added or significantly revised after the 1963 Business Statistics went to press are indicated by an asterisk (*) and a dagger (†), respectively; certain revisions for 1962 issued too late for inclusion in the aforementioned volume appear in the monthly Survey beginning with the August 1963 issue. Also, unless otherwise noted, revised monthly data (for periods not shown herein) corresponding to revised monthly averages are available upon request.

Statistics originating in Government agencies are not copyrighted and may be reprinted freely. Data from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

I

IV

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1962

III

IV

Seasonally adjusted quarterly totals at annual rates

 \mathbf{II}

1963

III

IV

II

1964

П

Ш

1962

Annual total

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS

Net exports of goods and services____do__

State and local.....do...

Services____do___do___do___

Inventory change, total do_ Durable goods_____do_ Nondurable goods____do__

G	ENE	RAL I	BUSI	NESS	IND	ICAT	ORS-	-Qua	rterly	Serie	es					
NATIONAL INCOME AND PRODUCT]		
National income, total†bil. \$	426. 9	455. 6	478. 5	429. 7	442. 4	447. 2	454. 3	457.8	463. 2	467. 9	474. 6	481.9	49 0. 0	498. 4	, 507. 1	
Compensation of employees, totaldo	302. 2	323. 1	340. 3	304. 7	310. 7	316.6	322. 4	325. 3	328. 0	332. 7	338. 1	342. 7	347. 7	3 52. 5	358.6	
Wages and salaries, total. do. Private. do. Military. do. Government civilian. do.	278, 8 227, 0 10, 2 41, 6	297. 1 241. 6 10. 8 44. 7	312. 1 252. 9 10. 9 48. 3	281. 1 228. 9 10. 0 42. 2	286. 8 233. 2 10. 8 42. 8	291. 2 236. 5 11. 1 43. 6	296. 6 241. 5 11. 0 44. 1	299. 2 243. 5 10. 7 45. 0	301. 6 244. 8 10. 5 46. 3	305. 3 247. 5 10. 6 47. 2	310. 1 251. 6 10. 7 47. 8	314. 3 255. 0 10. 7 48. 7	318. 8 257. 6 11. 7 49. 6	323. 2 260. 8 11. 7 50. 7	328.7 265.3 11.7 51.7	
Supplements to wages and salariesdo	23. 4	25. 9	28. 2	23.6	23. 9	25. 4	25. 8	26. 1	26. 4	27.4	27. 9	28. 4	28.8	29.4	29.9	
Proprietors' income, totalo"	48. 2 35. 3 12. 9 12. 2	49. 8 36. 6 13. 2 12. 2	50. 6 37. 6 13. 0 12. 3	48. 5 35. 7 12. 8 12. 2	49. 6 36. 3 13. 3 12. 2	50. 0 36. 3 13. 7 12. 2	49. 9 36. 6 13. 3 12. 2	49. 7 36. 7 13. 0 12. 2	49. 7 36. 9 12. 8 12. 2	50. 3 37. 1 13. 2 12. 3	50. 1 37. 3 12. 8 12. 3	50. 7 37. 8 12. 9 12. 4	51. 5 38. 3 13. 2 12. 4	51. 2 38. 6 12. 6 12. 4	51.7 39.1 12.6 12.4	
ment, totalbil. \$	44. 1	48. 4	50.8	44 . 0	49.0	47. 1	48.0	48.3	50. 3	49. 1	50. 2	51.4	53. 1	56. 4	7 57. 9	
Corporate profits before tax, total do Corporate profits tax liability do Corporate profits after tax do Dividends do Undistributed profits do Inventory valuation adjustment do	44. 2 22. 3 21. 9 15. 2 6. 7 -, 1	48. 2 23. 2 25. 0 16. 5 8. 5 . 3	51. 3 24. 6 26. 7 18. 0 8. 7 4	44. 3 22. 3 22. 0 15. 1 6. 9 3	49. 3 24. 8 24. 5 15. 7 8. 8 3	47. 2 22. 7 24. 5 16. 1 8. 4 1	47. 9 23. 0 24. 9 16. 4 8. 5	48. 1 23. 1 25. 0 16. 5 8. 5 . 1	49. 4 23. 8 25. 7 17. 1 8. 6 . 9	48. 9 23. 4 25. 5 17. 2 8. 3 . 2	51. 1 24. 5 26. 6 17. 7 8. 9	51. 3 24. 5 26. 7 17. 9 8. 9 . 2	54. 3 26. 0 28. 3 19. 1 9. 2 -1. 2	56. 6 25. 4 31. 2 19. 4 11. 8 2	7 57. 9 7 26. 0 7 31. 9 19. 8 7 12. 1 —. 1	
Net Interestdo	20. 1	22. 1	24. 4	20. 4	20. 9	21.3	21.8	22. 3	22. 9	23. 5	24.0	24. 7	25. 4	25. 9	26.5	
Gross national product, total†do	518. 7	556. 2	583. 9	522. 4	536. 9	545. 5	553. 4	559. 0	566. 6	571.8	577. 4	587. 2	599. 0	608.8	618.6	
Personal consumption expenditures, totaldo	337. 3	356.8	3 75. 0	339. 1	345. 2	350. 5	354.0	358. 5	364.0	369. 2	372. 0	377. 4	381. 3	390. 0	396. 1	
Durable goods, total \(\phi \)	43. 7 17. 1 19. 3	48. 4 20. 6 20. 2	52. 1 22. 7 21. 4	44. 3 17. 4 19. 5	46. 0 18. 6 19. 9	47. 4 19. 7 20. 1	47. 7 20. 3 19. 9	48. 4 20. 5 20. 3	50. 2 21. 8 20. 6	51. 1 22. 4 20. 8	51. 5 22. 6 21. 0	52. 2 22. 6 21. 6	53. 6 23. 2 22. 3	55. 9 24. 3 23. 1	57. 0 24. 1 24. 2	
Nondurable goods, total —do Clothing and shoesdo Food and alcoholic beveragesdo Gasoline and olldo	155. 4 28. 7 81. 3 11. 9	162. 0 29. 9 84. 6 12. 3	167. 5 30. 7 87. 1 12. 8	155. 7 28. 7 81. 4 11. 9	157. 8 29. 4 82. 2 12. 0	159. 5 29. 6 83. 2 12. 2	161. 0 29. 7 84. 1 12. 2	162. 9 30. 0 85. 2 12. 3	164. 4 30. 2 85. 9 12. 5	166. 0 30. 4 86. 4 12. 7	166. 6 30. 1 86. 9 12. 8	168. 6 31. 3 87. 3 12. 9	168, 9 30, 9 87, 8 13, 0	172. 9 32. 1 89. 7 13. 3	33. 2 90. 6	
Services, total ⊕ do. Household operation do. Housing do. Transportation do.	138. 3 20. 4 44. 2 10. 7	146. 4 21. 6 46. 5 11. 3	155. 3 22. 7 48. 9 11. 7	139. 1 20. 6 44. 4 10. 7	141. 4 20. 9 45. 0 10. 8	143. 6 21. 3 45. 6 11. 1	145. 3 21. 3 46. 2 11. 2	147. 2 21. 7 46. 8 11. 4	149. 5 22. 0 47. 5 11. 5	152. 1 22. 4 48. 0 11. 6	153. 9 22. 4 48. 6 11. 7	156. 6 22. 9 49. 2 11. 7	158. 8 23. 0 49. 8 11. 8	161. 1 23. 5 50. 5 12. 0	163.8 24.0	
Gross private domestic investment, totaldo	68.8	79. 1	82. 0	71. 3	74. 9	77. 4	78. 9	80. 2	79. 9	77. 9	80. 2	82. 8	87. 1	85. 9	87. 2	
New constructiondo	41.0	44, 2	46.6	41.3	41. 9	42. 5	44. 1	45. 5	44. 9	44.7	45.9	47. 2	48.3	49. 2	48.9	

42. 5 22. 5 28. 1 6. 9 6. 4

3.4

28. 0 24. 6

268. 9 100. 2 168. 7 210. 0

29. 6 25. 3

116.1

63. 6 55. 3

52. 5

547. 3 273. 5 103. 5 170. 0 212. 2

61. 6

21. 5 26. 3 3. 7 3. 3

27. 8 23. 7

107.9

50.9

95. 4 163. 4 201. 8

58. 2

25. 2 31. 0

122. 6 64. 7 55. 2 57. 9

285. 8 108. 2 177. 6

65. 2

23. 6 29. 0

4.0

116.3

273.6

102. 3 171. 3 214. 7

62.0

3. 0 2. 9

21. 1 25. 9

108.0

257. 9

94. 5 163. 4 200. 8

58. 1

1.9

22. 1 27. 4 5. 6 5. 2

4.3

28. 4 24. 1

112.6

52.8

264. 8 98. 4 166. 5

206. 8 59. 7

24. 4 29. 6 5. 1 4. 4

29. 7 25. 3

115.9

62. 4 53. 0

273. 9 101. 4 172. 6 216. 8

24. 0 29. 7 5. 4 4. 8

29. 4 25. 5

118.7

63. 8 53. 5 54. 8

278. 2 104. 1 174. 1

220.0

5, 4

24. 3 29. 6 3. 6. 3. 0

28. 8 25. 4

54.8

280. 9 105. 0 175. 8 224. 7

3.6

286. 5 111. 0

175. 5 223. 5 63. 7

4. 3 30. 5 26. 3

47. 2 25. 4 31. 4 4. 2 3. 7

26.8

64. 4 55. 5

285. 7 106. 6

179.1

6.0

32. 6 26. 9

124. 8 64. 9 55. 3

592.6

290. 3 110. 4 179. 9 234. 5 67. 8

6.4

3.0

34. 5 26. 8

125. 2

64.3 54.0

298. 2 114. 3

183.9

239. 6 68. 6

2, 5

. 7 1. 8

27. 9

67. I 57. 0

304. 3 119. 0 185. 4 241. 7

68. 9

r Revised. P Preliminary. †Revised series. Estimates of national income and product and personal income have been revised back to 1961 (see p. 8 ff. of the July 1964 SURVEY); revisions prior to May 1963 for personal income appear on p. 15 of the July 1964 SURVEY.

o Includes inventory valuation adjustment. HIncludes data not shown separately. Government sales are not deducted

1961 1962 1963 1961 1962 1963 1964 Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS IV Ш \mathbf{II} ш IVAnnual total Ι IIIVI H III IV

GENER	AL B	USIN	ESS	INDI	САТО	RS-	Quar	terly	Series	sCo	ntinu	ed				
NATIONAL INCOME AND PRODUCT—Con. Quarterly Data Seasonally Adjusted at Annual Rates GNP in constant (1954) dollars Gross national product, totalt	447. 9	476. 4	492. 6	462. 5	469. 1	475. 1	478.3	483.0	485. 4	487.9	494.8	502. 0	508.0	513 5		
Personal consumption expenditures, total_do	303.8	318. 5	330. 6	31 0. 0	314. 2	316. 6	319.8	323. 6	327.0	328. 6	332. 4	334. 4	340.9	-	1	
Durable goods do	41. 4 143. 5 118. 9	45. 7 148. 3 124. 5	49. 3 151. 6 129. 7	43. 7 145. 6 120. 8	44. 8 146. 6 122. 7	44, 9 147, 8 123, 8	45. 6 149. 1 125. 0	47. 6 149. 5 126. 5	48. 5 150. 7 127. 8	48. 6 151. 1 128. 9	49. 4 152. 5 130. 6	50. 8 152. 1 131. 6	53. 1 155. 2 132. 6	54. 0 157. 4		
Gross private domestic investment, totaldo	57. 4	65. 9	67. 7	62. 7	64 . 8	65. 8	66. 3	66. 5	64. 7	66. 2	68.1	71. 7	70.1	70.8	1	
New constructiondo Producers' durable equipmentdo Change in business inventoriesdo	34. 3 21. 4 1. 7	36. 7 24. 0 5. 2	37. 9 25. 6 4. 1	35. 2 22. 7 4. 8	35. 5 23. 2 6. 1	36. 6 23. 8 5. 4	37. 5 24. 4 4. 4	37. 0 24. 7 4. 9	36. 8 24. 6 3. 4	37. 5 25. 4 3. 3	38. 2 25. 9 4. 0	39. 0 26. 8 5. 9	39. 6 28. 1 2. 4	39. 2 28. 3 3. 3		
Net exports of goods and servicesdo	2. 5	2. 2	2. 2	2. 1	1.3	2. 8	2.8	2. 1	1.3	2. 1	2. 0	3. 5	5.4	3.4		
Govt. purchases of goods and services, totaldodododostate and localdodo	84. 3 44. 8 39. 4	89. 8 49. 4 40. 3	92. 1 49. 7 42. 4	87. 7 47. 0 40. 7	88, 8 48, 4 40, 4	89, 9 50, 2 39, 8	89. 4 49. 2 40. 2	90. 7 49. 9 40. 9	92. 4 50. 7 41. 8	91. 0 49. 4 41. 7	92. 3 49. 6 42. 7	92. 4 48. 9 43. 4	91. 6 47. 8 43. 8	94.3 49.8 44.5		
DISPOSITION OF PERSONAL INCOME† Quarterly Data Seasonally Adjusted at Annual Rates Personal income, total	417. 6 52. 9	442. 4 57. 9	464. 1 61. 6	428. 6 54. 4	434. 7 56. 1	441. 0 57. 6	444. 5 58. 5	449. 7 59. 3	455. 2 60. 1	460. 2 61. 1	466.3 61.9	474. 5 63. 3	480. 9 61. 4	487. 9 56. 6	i	
Equals: Disposable personal incomedo Personal saving \$do NEW PLANT AND EQUIPMENT EXPENDITURES	364. 7 27. 3	384. 6 27. 8	402. 5 27. 5	374. 2 29. 1	378. 5 28. 0	383. 4 29. 4	386. 0 27. 5	390. 4 26. 4	395. 1 25. 9	399. 1 27. 1	404. 4 27. 0	29.9	419. 5 29. 5	431.3 35.2		
Unadjusted quarterly or annual totals: All Industriesbil. \$bil. \$bil.	34, 37	37. 31	39. 22	9. 54	8.02	9. 50	9. 62	10.18	8, 25	9.74	10.14	11.09	9, 40	711 11	7111.28	2 12, 43
Manufacturing do. Durable goods industries do. Nondurable goods industries do.	13. 68 6. 27 7. 40	14, 68 7, 03 7, 65	15, 69 7, 85 7, 84	3. 88 1. 79 2. 09	3.14 1.44 1.69	3, 69 1, 77 1, 9 2	3. 72 1. 79 1. 93	4. 13 2. 03 2. 10	3. 27 1. 62 1. 65	3. 92 1. 96 1. 95	3. 95 1. 96 1. 99	4. 56 2. 31 2. 25	3. 79 1. 93 1. 87	74.53 72.30 72.23	7 4, 64 7 2, 31 7 2, 33	5.30 2.66 2.64
Mining do Rathroads do Transportation, other than rail do Public utilities do Communications do Commercial and other do	. 98 . 67 1. 85 5. 52 3. 22 8. 46	1. 08 . 85 2. 07 5. 48 3. 63 9. 52	1. 04 1. 10 1. 92 5. 65 3. 79 10. 03	. 26 . 16 . 50 1. 54 . 88 2. 32	. 26 . 16 . 47 1. 06 . 88 2. 06	. 27 . 26 . 60 1. 37 . 93 2. 37	. 28 . 24 . 50 1. 54 . 87 2. 48	. 27 . 20 . 50 f. 52 . 95 2. 60	. 24 . 21 . 39 1. 04 . 83 2. 26	. 26 . 28 . 54 1. 40 . 95 2. 41	. 27 . 29 . 45 1.60 . 93 2.64	. 28 . 33 . 54 1. 61 1. 06 2. 72	. 26 . 32 . 51 1. 18 . 97 2. 37	7.29 7.36 7.63 71.58 1.10 72.61	7.29 .34 7.56 1.63	.28 .44 .61 1.69
Seas. adj. qtrly. totals at annual rates: All industriesdo				3 5, 40	35. 70	36. 95	38. 35	37. 95	36.95	38 05	40.00	41. 20	42. 55			2 46, 15
Manufacturing do. Durable goods industries do. Nondurable goods industries do.				14.00 6.40 7.60	14. 20 6. 55 7. 60	14. 45 6. 95 7. 50	15. 05 7. 25 7. 80	15. 00 7. 30 7. 70	14. 85 7. 35 7. 50	15, 30 7, 65 7, 65	15. 95 8. 00 8. 00	16. 45 8. 30 8. 15	17. 40 8. 85 8. 55	717.80 79.00 78.80	7 18. 70 7 9. 35 7 9. 35	19. 05 9. 50 9. 55
Mining do Railroads do Transportation, other than rall do Public utilities do Communications do Commercial and other do BUSINESS POPULATION				1, 00 , 60 1, 95 5, 55 3, 35 9, 00	1. 15 . 70 2. 05 5. 15 3. 70 8. 75	1. 05 . 95 2. 25 5. 40 3. 65 9. 25	1. 10 1. 00 2. 00 5. 75 3. 60 9. 85	1. 00 . 80 1. 90 5. 45 3. 60 10. 20	1. 05 . 90 1. 70 5. 20 3. 55 9. 65	1. 00 1, 00 2. 05 5. 45 3. 65 9. 65	1. 05 1. 20 1. 85 5. 90 3. 85 10. 20	1. 05 1. 35 2. 10 5. 80 4. 05 10. 45	1. 15 1. 40 2. 30 5. 95 4. 05 10. 25	r 1.15 r 1.25 r 2.25 r 6.30 4.30 r 10.45	71.15 71.40 72.25 6.00	1. 10 1. 90 2. 45 6. 00 3 15. 60
Firms in operation, end of quarter (seasonally adjusted) thous. U.S. BALANCE OF INTERNATIONAL	4 4, 713	44,755	4 4, 797	4, 770	4, 780	4,790	4, 8 00	4,815	4,825	4, 835	4, 850	4, 860	4, 875	4, 895		
PAYMENTS # 1 Quarterly Data are Seasonally Adjusted		1										ĺ	ļ			
U.S. payments, recorded	31, 791	33, 486	35, 990	8, 616	8, 447	8, 151	8, 312	8, 576	r 8, 724	r 9, 713	- 8,482	· 9, 071	r 9, 219	9,742		
Imports: Merchandise	14, 497 2, 954 5, 401	16, 134 3, 044 5, 843	716, 996 2, 897 7 6, 442	3, 881 714 1, 389	3, 948 758 1, 412	4, 058 749 1, 462	4, 088 745 1, 465	4, 040 792 1, 504	7 4, 037 747 7 1, 543	7 4, 212 731 7 1, 588	7 4, 368 711 7 1, 654	r 4, 379 708 r 1, 657	7 4, 366 7 717 7 1, 662	7 4, 576 731 1, 702		
Remittances and pensionsdo Govt. grants and capital outflowsdo	705 4, 054	738 4, 293	826 4, 522	174 1, 206	187 1, 074	189 1, 065	177 1, 066	185 1, 088	r 209 r 1, 060	r 209 r 1, 336	7 206 1,009	r 202 r 1, 117	r 197 r 923	208 1,130		
U.S. private capital (net) do Direct investments do Long-term portfolio do Short-term do	4, 180 1, 599 1, 025 1, 556	3, 434 1 654 1, 227 553	7 4, 307 7 1, 888 7 1, 685 7 734	1, 252 377 445 430	1, 068 260 390 418	628 446 303 -121	771 417 208 146	967 531 326 110	71,128 7618 7546 7—36	7 1, 637 7 477 598 7 562	7 534 7 235 7 303 7 -4	7 1,008 7 558 7 238 7 212	7 1, 354 7 517 7 227 7 610	1,395 513 261 621		
U.S. receipts, recordeddo	30, 419	32, 394	r 33, 685	7, 717	7, 706	7, 925	8, 408	8, 355	7,780	r 8, 429	* 8, 596	r 8,880	· 9, 326	9,040		
Exports: Merchandisedo Services and military salesdo	19, 913 8, 525	20, 576 9, 508	721, 989 710, 031	5, 121 2, 187	5, 032 2, 198	5, 237 2, 397	5, 288 2, 339	5, 019 2, 574	r 4, 990 r 2, 545	7 5, 472 7 2, 505	7 5, 610 7 2, 427	7 5, 917 7 2, 554	7 6, 112 7 2, 885	7 6, 042 2, 756		
Repayments on U.S. Govt. loansdo Foreign capital other than liquid funds (net)_do	1, 274 707	1, 280 1, 030	969 7 696	196 213	$\frac{150}{326}$	237 54	606 175	287 475	166 + 79	190 - 262	424 7135	189 - 220	216 - 113	188 54		
Excess of recorded receipts or payments (-)do Unrecorded transactions (net)do		-1,092 -1,111	r-2,305 r-339	-899 -332	-741 -7	-226 -214	-430	-221 -460	7 -944 7 -118	r-1,284 r-11	r 114 r -267	-191 -57	r 107 r —192	-702 -31		
Total, net receipts or payments (-)do Net receipts or payments (-), incl. transactions in nonmarketable, medium-term convertible Govt. securitiesmil. \$-	-2,370	-2,203	-2,644 -1,942	-1,231	-748	-440	-334	-681	,	r-1,295		r -134	r -85	r -733		

^{*}Revised. *Preliminary.

1 Estimates for July-Sept. 1964 based on anticipated capital expenditures of business.

2 Estimates for Oct.-Dec. 1964 based on anticipated capital expenditures of business.

Anticipated expenditures for the year 1964 are as follows (in bil. \$): All industries, 44.21; manufacturing, total, 18.27; durable goods industries 9.19; nondurable goods industries, 9.08; mining, 1.12; railroads, 1.46; transportation, 2.31; public utilities, 6.07; commercial and other (incl. communications), 14.98.

3 Includes communications.

⁴ Unadjusted. Data represent firms in operation as of Jan. 1; estimate for Jan. 1, 1963 is based on incomplete data. †See corresponding note on p. S-1 (revisions prior to 3d qtr. 1991 appear on p. 8 ff. of the July 1964 SURVEY). †Personal saving is excess of disposable income over personal consumption expenditures shown as a component of gross national product on p. S-1. c*More complete details are given in the quarterly reviews in the Mar., June. Sept. and Dec. issues of the SURVEY. †Revisions for 1966-2d qtr. 1961 appear on p. 10 of the June 1964 SURVEY.

XV I and the standard of the s	1962	1963	T .		19	963			<u> </u>							
Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
			BUSI	NESS	IND	ICAT	ORS-	-Moi	ı nthly	Serie	s	<u> </u>	1	<u> </u>	1	
PERSONAL INCOME, BY SOURCE†		1	1]		 1	1		1			1		
Seasonally adjusted, at annual rates:† Total personal incomebil. \$	1442.4	1 464. 1	464. 0	466. 1	468. 9	472.7	473.8	477. 1	2 477. 3 479. 4	480. 5	482. 9	486. 6	487.8	489.3	r 491. 4	493. 9
Wage and salary disbursements, totaldo	297. 1	312. 1	312.9	314.0	316.0	318. 2	318. 3	320.0	320. 8	323. 6	325, 1	327. 7	328. 7	330. 1	r 331.8	334.0
Commodity-producing industries, total_do Manufacturing onlydo Distributive industriesdo	118. 5 94. 2 76. 6	123. 3 98. 0 80. 3	123. 7 98. 2 80. 5	123. 6 98. 0 80. 9	125. 0 99. 4 81. 5	125. 4 99. 7 81. 8	125. 1 99. 7 81. 8	126, 0 100, 2 82, 0	125. 6 100. 0 82. 4	127. 1 100. 7 82. 8	127. 4 101. 1 83. 1	128. 8 102. 3 83. 7	128. 7 102. 3 84. 2	129, 4 102, 7 84, 6	r 129. 9 r 103. 0 r 85. 2	130. 6 103. 6 85. 5
Service industriesdo Governmentdo	46. 4 55. 6	49. 3 59. 2	49. 8 59. 0	50. 0 59. 4	49. 9 59. 7	50. 0 61. 0	50. 1 61. 3	50. 5 61. 5	50. 8 62. 1	51. 4 62. 4	51. 9 62. 7	52. 1 63. 0	52. 3 63. 4	52. 4 63. 8	52. 6 64. 1	52. 8 65. 1
Other labor incomedo Proprietors' income: Business and professionaldo	12. 3 36. 6	13. 1 37. 6	13. 1 37. 6	13. 2 37. 8	13. 3 37. 9	13. 4 38. 2	13. 5 38. 2	13. 5 38. 4	13.6	13.7	13.8	13. 9	14. 0 39. 1	14, 1 39, 3	14. 2 39. 5	14. 2 39. 6
Farmdo	13. 2	13.0	12.9	12.9	12.9	13. 2	13. 2	13. 2	38. 3 12. 8	38. 7 12. 6	38.8 12.4	39. 0 12. 5	12.6	12.6	12.4	12.2
Rental income of personsdo Dividendsdo Personal interest incomedo	12. 2 16. 5 30. 0	12. 3 18. 0 32. 9	12. 3 17. 7 33. 0	12.3 17.8 33.4	12. 4 18. 0 33. 7	12. 4 18. 5 34. 0	12. 4 18. 8 34. 2	12. 4 20. 1 34. 4	12. 4 19. 3	12. 4 19. 4	12. 4 19. 6	12. 4 19. 8 35. 5	12. 4 19. 8 35. 7	12. 4 19. 9 35. 9	12, 4 20, 0 36, 0	12. 4 20. 1 36. 2
Transfer paymentsdo Less personal contributions for social insurance	34. 7	36. 7	36. 3	36. 6	36. 6	37. 1	37. 2	37. 2	34. 7 2 39. 7	35. 0 37. 5	35. 3 37. 8	38. 2	38. 0	37.6	7 37.8	38.1
bil. \$ Total nonagricultural incomedo	10.3 424.9	11. 8 446. 6	11.9 446.6	11. 9 448. 8	11. 8 451. 6	12. I 455. 1	11. 9 456. 1	12. 1 459. 5	12. 2 2 462. 1	12. 3 463. 5	12. 4 466. 1	12. 5 469. 7	12. 5 470. 7	12.6 472.1	12.7	12. 9 477. 2
FARM INCOME AND MARKETINGS;			110.0	110.0	202.0	10071	100.1	100.0	402.1	405. 5	400.1	405.7	170.1		111.1	111.2
Cash receipts from farming, including Government payments (48 States), total‡mil. \$	3, 151	3, 218	2, 921	3, 099	3, 843	5, 338	4, 324	3, 473	3, 454	2, 511	2, 610	2, 533	2, 314	2, 512	2,726	
Farm marketings and CCC loans, totaldo	3, 006 1, 339 1, 668	3, 077 1, 420	2, 864 1, 251	2, 969 1, 296	3, 512 1, 806	4,727 2,701	4, 201 2, 463	3, 425 1, 886	3, 373 1, 692	2, 354 870	2, 414 773	2, 434 781	2, 294 723	2, 495 970	2,683 1,121	
Livestock and products, total Qdododo	403 971	1,657 403 952	1,613 398 936	1,673 389 984	1,706 384 1,006	2,026 403 1,277	1,738 390 1,026	1,539 409 823	1, 681 417 950	1, 484 398 809	1, 641 432 899	1, 653 427 931	1, 57 <u>1</u> 45 <u>2</u> 819	1, 525 418 827	1,562 400 873	
Poultry and eggsdoIndexes of cash receipts from marketings and CCC	269	275	263	284	298	330	309	285	277	241	262	256	260	254	272	
loans, unadjusted:‡ All commodities	112 117	115 124	107 109	111 113	131 158	176 236	156 215	128 165	126 148	88 76	90 68	91 68	85 63	93 85	100 98	
Livestock and productsdodo	108	108 115	105 108	109 113	111 131	132 176	113 159	100 131	109	96	107	107	102 88	99	101	
Cropsdododo	112 110	118 113	106 109	113 113	151 115	227 138	210 121	160 110	128 145 115	89 70 103	90 56 115	91 52 120	48 117	84 114	107 112	
INDUSTRIAL PRODUCTION♂														{		
Federal Reserve Index of Quantity Output			100.4													
Unadj., total index (incl. utilities) 7.1957-59=100. By industry groupings: Manufacturing, total	118.3 118.7	124. 3 r 124. 9	r 120. 4 120. 5	123. 8 123. 4	128. 3 - 128. 8	129. 9 r 131. 2	7 127. 0 128. 2	r 124. 7	125. 7 125. 8	128. 3 129. 1	129. 0 130. 0	131. 7 133. 0	132, 3 133, 7	7 133.9 7 135.2	127. 1 r 127. 5	131, 6 131, 8
Durable manufacturesdo Nondurable manufacturesdo	117.9 119.8	r 124. 5 r 125. 3	r 120.8 r 120.0	7 118.0 7 130.1	126, 6 r 131, 5	129. 3 r 133. 6	128.4 128.0	^r 127. 3 ^r 122. 6	126. 7 124. 7	129. 1 129. 5 128. 5	131.3 128.4	134, 1 131, 7	134. 8 132. 3	r 136. 5 r 133. 6	7 128. 4 7 126. 3	128. 2 136. 2
Miningdo Utilitiesdo	105. 0 r 131. 4	7 107. 9 7 140. 0	7 105. 2	7 112. 1	⁷ 111.3	111 . 0	108. 1	r 107. 0	107, 9	108.3	107. 6	109. 8	r 111.7	r 112. 5	⁷ 107. 6	113.8
By market groupings: Final products, totaldodo	119.7	r 124. 9	121.7	123.8	, 129. 9	131.8		r 125. 5	126. 7	128.5	128. 5	130. 7		r 133. 2		130. 2
Consumer goodsdo Automotive and home goodsdo Apparel and staplesdo	125, 9 7 117, 8	r 125. 2 r 134. 4 r 122. 3	124.3	105. 7 130. 2	131. 7 135. 4 130. 5	148.6 - 129.5	7 128.3 147.7 7 122.2	7 124. 0 141. 7 7 118. 3	126. 1 138. 7 122. 1	128, 9 144, 4 124, 0	127. 7 144. 1 122, 5	130, 3 148, 3 124, 6	7 130. 0 145. 9 124. 9	7 149. 6 7 127. 8	7 124. 8 7 126. 9 7 124. 1	129. 6 115 134
Equipment, including defensedo Materialsdo	119.6	124. 2 - 123. 7	7 122. 2 7 119. 3	r 122. 7 r 123. 8	7 126, 2 126, 8	r 126. 8	126. 1 126. 5	7 128. 8 7 123. 9	128.0	127. 5	1 3 0. 1	131. 5 132. 6	131. 8 133. 9	r 133. 5	r 130. 0 r 127. 7	131. 5 132. 9
Durable goods materials do Nondurable materials do Nondurable materials do Nondurable materials	114. 1 120. 0	r 121. 2 r 126. 3	r 118. 6 r 120. 0	118.7	r 124. 1 r 129. 5	r 125, 4 r 131, 2	7 123. 3 129. 8	, 121. 1 , 126. 9	124, 9 121, 1 128, 8	128. 1 125. 3 131. 0	129. 6 127. 4 131. 8	131. 2 134. 0	133. 9 133. 9	r 135. 0 r 134. 1	127. 5 128. 0	130 136
Seas. adj., total index (incl. utilities)♂do By industry groupings:	118.3	124. 3	7 125. 6	i	r 125. 7	r 126. 1	126. 1	r 127. 0	127. 7	128. 2	129. 0	130. 5	131.3	r 131. 6	132. 7	133. 5
Manufacturing, totaldodododo	118.7	, 124. 9 , 124. 5	126. 1 , 126. 1		7 126. 2 7 125. 6	r 126. 8 r 126. 0	r 126. 9 126. 4	7 127. 9 7 127. 3	128. 5 128. 1	129. 1 128. 9	129. 9 130. 0	131. 4 131. 6	132. 2 132. 6	r 132, 4 r 133, 2	133. 6 • 134. 7	134. 4 135. 7
Iron and steel do	104. 6 100. 6	r 113.3 r 109.6	⁷ 121. 4 117. 1	7 109. 5 102. 6	7 107. 8 100. 0	r 108. 5 r 101. 5	7 109. 7 103. 5	7 110. 5 104. 9	113. 6 108. 3	117. 6 114. 5	120. 9 118. 1	$123.8 \\ 123.7$	$127.1 \\ 127.8$	r 126. 4 r 125. 3	131.3 129.9	132 129
Nonferrous metals and productsdo Fabricated metal productsdo Structural metal partsdo	119, 1 117, 1 113, 2	7 126. 7 123. 4 120. 2	7 124. 7 124. 4 121. 7	128. 2 125. 7 122. 0	7 130. 3 125. 6 122. 5	7 131. 2 126. 8 123. 0	7 133. 1 126. 0 123. 1	134, 7 126, 8 r 122, 9	132, 2 128, 2 124, 4	139. 9 129. 0 126. 0	142. 6 129. 3 127. 8	138. 5 129. 5 129. 2	7 135. 0 130. 3 128. 1	7 133. 6 7 130. 6 7 129. 6	136. 0 133. 5 131. 4	135 132
Machinerydo Nonelectrical machinerydo Electrical machinerydo	123, 5 119, 7	7 129. 2 7 126. 9 7 132. 3	7 129. 6 126. 8 7 133. 4	7 130. 3 128. 0	131.9 130.2 134.0	7 131. 7 7 131. 3 7 132. 2	132. 8 132. 1 133. 7	7 133. 9 133. 5 7 134. 4	134. 7 135. 2 134. 0	133. 6 132. 9 134. 5	135. 9 136. 7 134. 9	137. 5 138. 1 136. 8	138. 5 139. 6 137. 0	, 139. 9 , 141. 9 , 137. 3	7 141. 2 143. 2 7 138. 5	143 145 139
Transportation equipmentdo Motor vehicles and partsdo Aircraft and other equipmentdo	118. 3 134. 1 103. 9	127. 0 146. 1 109. 5	7 127. 6 7 146. 7 110. 1	r 128. 2	7 129. 4 7 149. 1 111. 2	r 130. 0 r 149. 8 111. 8	7 129.6 7 149.8 7 111.1	, 131.3 , 151.9 , 112.2	130. 8 151. 9 111. 1	131. 1 153. 0 110. 8	130. 1 151. 1 110. 6	133. 0 156. 2 112. 0	134. 1 157. 4 112. 8	7 134. 9 7 158. 3 113. 4	7 133. 6 158. 0 7 111. 0	135 161 112
Instruments and related products do-	123. 0 111. 1	130. 2	131.0	131, 1	132. 4	132. 5	131.9	132. 7	132. 2	133. 6	134. 2	134. 7	134.6	r 134. 8	r 136. 0	138
Lumber and products do— Furniture and fixtures do— Miscellaneous manufactures do—	106. 1 r 126. 7	117. 5 r 108. 9 133. 1 r 125. 0	119. 7 7 104. 3 135. 0 125. 7	118. 6 r 108. 7 134. 8 126. 1	119. 1 110. 5 135. 3 126. 8	120. 4 112. 2 135. 3 126. 2	120. 3 111. 8 136. 4 127. 1	7 120. 5 7 111. 0 137. 6 127. 6	121. 2 112. 2 137. 3 128. 6	124. 1 117. 3 138. 1 129. 7	125. 3 116. 1 139. 0 130. 4	125. 2 115. 4 139. 8 131. 4	124. 3 114. 9 140. 5 131. 9	126. 6 r 109. 5 r 142. 8 r 133. 2	7 126. 0 116. 0 145. 0 134. 0	125 146 133
Nondurable manufactures do Textile mill products do		r 125. 3 r 116. 9		, 126. 6	127. 0 119. 0	r 127. 7 r 119. 3	r 127. 6 r 120. 5	r 128. 7 r 119. 4	128. 9 118. 8	129. 4 119. 8	129. 8 118. 9	131. 1 119. 4	131. 7 , 119. 3	131. 5 • 119. 4	7 132. 3 122. 4	132. 8
Apparel productsdo Leather and productsdo	118. 9 102. 3	7 125, 6 99, 8	126, 2 99, 9	126, 9 102, 1	127. 2 103. 6	127.3 102.9	$128.5 \\ 100.0$	7 129. 1 101. 2	129. 4 97. 8	131. 7 99. 3	131. 8 96. 3	130, 5 98, 4	7 132.8 7 104.7	133. 6 97. 1	134.8	
Paper and productsdo	119.7	125.1	126.3	126. 7	125, 9	127.0	127.3	127.6	128.7	129. 1	130. 4	132.9	134.3		132, 2	

r Revised. p Preliminary. 1 The total and components are annual totals. 2 Italicized total for Jan. 1964 excludes stepped-up rate of Government life insurance dividend payments to veterans; total disbursements of \$172 million multiplied by 12 (to put on annual rate basis) amounted to \$21 billion. Figures for transfer payments and total nonagricultural income reflecting similar exclusion are as follows: Transfer payments are 3.76 billion; nonagricultural income—\$460.1 billion. †See corresponding note on p. S-1. ‡Revised series. Dollar figures and indexes of cash receipts revised beginning 1961 (indexes shifted to 1957-59)

base). Physical volume indexes revised beginning 1955 to reflect change to the 1957–59 reference base and incorporation of latest Census revisions. Data prior to May 1963 appear in the Dept. of Agriculture publication, Farm Income Situation, July 1964. 9 Includes data for items not shown separately. \circlearrowleft Industrial production indexes revised beginning Jan. 1961 (seas. adjusted data incorporate new seasonal factors); data prior to July 1963 will be shown later.

Unless otherwise stated, statistics through 1962	1962	1963			19	963						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly erage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
	GEN	NERA	L BU	SINE	SS II	NDIC	ATOF	RS—C	ontin	ued						
INDUSTRIAL PRODUCTION—Continued Federal Reserve Index of Quantity Output—Con. Seasonally adjusted indexes—Continued ⊕ By industry groupings—Continued Nondurable manufactures—Continued Printing and publishing1957-59=100 Newspapers	114. 6 108. 5 136. 1 7 147. 6	116. 4 108. 0 7 148. 6 7 162. 7	7 111. 5 7 149. 9 7 163. 2	7 150. 7 7 164. 5	118. 4 113. 7 7 152. 5 7 166. 7	111, 9 r 153, 5 168, 3	113. 2 7 153. 6 169. 3	121. 3 119. 2 7 154. 5 7 171. 4	119. 5 113. 9 154. 7 173. 1	121. 2 114. 5 154. 5 173. 3	121. 8 115. 2 155. 2 174. 9	123. 6 117. 2 157. 0 176. 7	123. 9 117. 1 7 156. 7 7 173. 7	117. 2 7 159. 6 176. 3	r 124. 5 120. 0 159. 3	
Petroleum products	112.9 130.6 113.5 113.8 111.5 112.0	7 116. 9 7 116. 8 7 117. 8	119. 5 7 135. 1 7 117. 6 116. 8 7 121. 8 117. 9	117. 6 140. 1 7 117. 5 7 117. 2 7 118. 9 116. 8	117.0 7 142.6 7 116.9 7 117.2 7 115.1 115.7	119.0 7 145.0 7 118.1 7 117.7 7 120.5 114.1	118. 5 144. 3 117. 3 117. 5 116. 3 114. 6	7 144. 3 7 119. 1 119. 2 7 118. 7	116. 0 145. 0 120. 8 121. 3 118. 4 112. 7	119. 1 145. 3 120. 6 119. 8 125. 0 105. 6	119.7 145.1 120.3 119.7 123.8 118.2	120. 8 149. 4 120. 6 120. 0 124. 1 127. 5	122.0 7 152.2 7 120.0 120.2 7 119.2 129.2	153. 4 119. 6 119. 5 120. 1 118. 1	124. 7 119. 5 118. 8	
Mining do Coal do Crude oil and natural gas do Crude oil do Metal mining do Stone and earth minerals do	105. 0 95. 3 105. 5 105. 1 112. 6 109. 7	r 107. 9 r 102. 5 107. 9 r 108. 1 112. 3 112. 1	r 110, 1 r 105, 9 r 110, 4 110, 9 110, 3 113, 5	7 111. 1 7 107. 2 7 111. 4 111. 7 7 112. 7 113. 4	109. 9 7 105. 6 109. 9 109. 8 112. 4 7 113. 4	108.6 r 103.9 r 108.5 109.1 111.9 113.5	7 107. 5 7 102. 2 107. 2 108. 1 112. 2 7 113. 8	r 107. 3 r 105. 1 106. 2 106. 6 112. 9 113. 4	108. 8 104. 0 108. 3 108. 5 116. 4 113. 5	108. 9 99. 2 109. 1 107. 8 118. 8 114. 7	108. 8 94. 5 109. 7 109. 0 119. 8 115. 0	109. 9 98. 7 110. 0 109. 6 124. 2 114. 3	7 111. 3 106. 1 7 110. 7 110. 1 7 119. 4 116. 8	r 119. 2	7 111. 5 105. 0 112. 0 112. 0 107. 7 120. 3	
Utilitiesdo Electricdo Gasdo	7 131. 4 7 133. 0 7 126. 4	7 140.0 7 142.6 7 131.9	r 141. 9 r 145. 2 r 131. 7	7 142. 4 7 145. 7 7 132. 1	7 142. 1 7 145. 2 7 132. 4	7 142. 3 7 145. 4 7 132. 5	7 142. 1 7 145. 0 7 132. 9	7 143. 0 7 146. 1 7 133. 3	144. 5 148. 3	143. 4 146. 5	144. 8 148. 3	147. 5 151. 3	148, 3 152, 3	7 149. 3 153. 6	r 150, 0	
By market groupings: ⊕ Final products, totaldo Consumer goodsdo Automotive and home goodsdo	119. 7 119. 7 125. 9	7 124.9 7 125.2 7 134.4	125, 2 r 125, 8 r 134, 0	r 126. 0 r 126. 5 r 135. 5	126. 3 r 126. 4 136. 4	127. 2 r 127. 4 r 137. 3	r 127. 0 r 126. 9 r 138. 4	128. 0 7 128. 0 7 139. 1	128. 5 128. 9 139. 7	128. 1 128. 8 140. 7	128. 7 128. 8 139. 7	130. 6 130. 8 142. 4	131, 1 131, 0 7 142, 9	7 131. 6 7 131. 3 7 143. 1	7 131. 9 7 131. 5 7 144. 2	132. 1 132. 1 145
Automotive productsdo Autosdo Auto parts and allied productsdo	131. 1 135. 9 7 125. 0	r 141. 2 149. 5 r 130. 2	r 140. 2 151. 5 125. 3	141. 4 151. 3 128. 4	7 143. 0 153. 3 7 129. 5	145. 8 154. 8 134. 0	145. 8 155. 1 133. 6	7 146. 1 155. 6 7 133. 5	146. 6 155. 3 135. 2	145. 5 156. 5 131. 1	144. 3 152. 5 133. 4	149. 3 160. 0 135. 2	151. 4 160. 3 139. 6	150. 9 161. 7 7 136. 6	7 151. 8 7 162. 6 137. 6	155 165
Home goods Q do Appliances, TV, and radiosdo Furniture and rugsdo	122. 2 118. 2 123. 9	7 129, 6 7 125, 1 131, 3	7 129. 7 7 125. 7 132. 7	r 131. 3 r 128. 4 133. 1	r 131. 8 128. 1 132. 1	131. 3 7 125. 8 133. 0	7 133. 3 7 128. 5 7 134. 5	r 134, 2 r 128, 5 r 135, 4	134. 8 127. 5 136. 1	137. 3 131. 3 138. 1	136. 4 128. 7 139. 0	137. 7 130. 7 139. 7	r 136. 9 r 129. 7 r 141. 0	7 137. 6 7 131. 0 7 141. 9	138. 8 144. 7	
Apparel and staples	r 117. 8 114. 5 118. 7 113. 7	7 122, 3 7 117, 6 7 123, 7 7 116, 6	123, 1 118, 7 7 124, 4 115, 5	7 123. 7 7 119. 8 7 124. 8 116. 7	123. 2 + 118. 0 124. 7 116. 7	7 124. 2 120. 0 7 125. 4 7 117. 7	7 123. 3 7 120. 0 7 124. 2 7 117. 0	7 124, 5 7 120, 2 125, 7 118, 9	125. 5 120. 4 127. 0 121. 4	125. 0 120. 7 126. 2 120. 2	124. 6 118. 7 126. 3 118. 4	127. 2 121. 5 128. 8 120. 8	127. 2 7 123. 2 128. 3 120. 2	7 127. 6 123. 2 7 128. 8 7 119. 4	r 127. 5 124. 5 r 128. 4 118. 9	128
Beverages and tobaccodo Drugs, soap, and tolletriesdo Newspapers, magazines, booksdo Consumer fuel and lightingdo	7 111.6 7 130.0 116.7 7 126.3	7 116. 9 7 140. 1 117. 8 7 133. 5	r 120, 5 r 142, 7 118, 3 r 134, 8	7 118. 2 7 142. 6 118. 6 135. 4	7 115. 3 144. 5 117. 9 7 135. 8	118.3 r 144.0 117.8 135.6	r 115. 7 142. 0 r 117. 2 r 134. 7	7 117, 4 142, 7 120, 4 7 135, 2	116. 5 142. 2 121. 5 136. 5	118. 5 140. 1 123. 7 134. 7	121. 9 140. 1 125. 1 136. 2	125. 2 142. 8 126. 7 138. 5	122. 6 144. 5 124. 7 138. 7	119. 4 r 150. 5 r 125. 5 140. 2	146. 7 123. 9	
Fquipment, including defense 9 do Business equipment do Industrial equipment do Commercial equipment do Freight and passenger equipment do Farm equipment do	119. 6 122. 1 117. 2 143. 1 117. 2 107. 7	124. 2 128. 3 7 123. 0 142. 4 7 132. 2 121. 6	7 124. 0 7 128. 4 123. 6 142. 3 131. 5 117. 6	7 125. 0 7 129. 7 7 124. 9 7 141. 5 134. 5 122. 3	7 126. 0 7 130. 7 7 125. 6 141. 6 137. 5 125. 7	7 127. 0 7 131. 8 126. 6 141. 2 139. 2 130. 8	7 127. 1 132. 0 7 127. 4 139. 0 7 139. 7 7 134. 5	7 128. 1 7 132. 9 7 128. 6 140. 2 139. 9 131. 6	r 127. 9 r 132. 9 128. 9 141. 6 137. 0 131. 2	r 127. 1 r 131. 9 127. 9 140. 4 137. 8 126. 0	r 128. 8 r 134. 2 131. 9 141. 0 135. 8 127. 6	7 130. 7 7 136. 5 133. 9 143. 1 140. 8 126. 6	7 131, 3 7 138, 0 135, 7 141, 9 143, 9 130, 7	132. 0 r 139. 0 r 137. 6 r 143. 7 r 141. 3 129. 1	7 132. 5 7 139. 8 139. 0 145. 4 139. 2	
Materials do. Durable goods materials ♀ do. Consumer durable do. Equipment do. Construction do.	117. 0 114. 1 127. 5 118. 9 110. 4	7 123. 7 7 121. 2 137. 2 125. 4 116. 3	r 126. 0 r 124. 6 141. 1 126. 1 117. 5	r 124. 9 121. 4 r 135. 4 126. 8 117. 9	7 125. 0 7 122. 1 138. 6 7 127. 6 118. 9	r 125. 5 r 122. 3 r 139. 6 r 127. 8 118. 6	, 125. 7 , 122. 6 141. 3 , 127. 5 , 119. 0	125. 9 122. 6 7 142. 9 7 128. 8 118. 9	126.7 123.0 141.9 129.2 119.6	128. 1 125. 8 144. 3 129. 6 123. 2	129. 3 127. 3 141. 9 130. 4 123. 4	130. 6 129. 0 144. 1 131. 6 123. 8	, 131, 3 129, 8 143, 8 132, 9 123, 5	r 133. 3	7 133. 6 132. 4 147. 7 134. 2 125. 6	
Nondurable materials Q	120. 0 116. 5 117. 1 116. 3	7 126. 3 7 120. 3 7 120. 2 7 120. 4	r 127. 5 120. 0 119. 9 120. 1	7 128. 4 121. 5 7 119. 6 122. 5	r 128. 0 r 120. 8 r 118. 2 122. 1	r 128. 8 122. 5 r 122. 6 122. 5	r 128. 9 r 122. 6 r 123. 9 122. 0	7 129. 3 7 123. 0 121. 3 123. 8	130. 4 124. 4 125. 1 124. 0	130. 6 125. 2 125. 5 125. 1	130. 8 124. 9 123. 6 125. 6	132. 3 126. 1 127. 0 125. 7	7 132. 8 7 126. 5 7 128. 2 7 125. 7	7 132. 9 7 124. 9 7 124. 0 7 125. 4	7 134, 9 127, 3 126, 0 128, 0	
Business fuel and power Qdo Mineral fuelsdo Nonresidential utilitiesdo BUSINESS SALES AND INVENTORIES §	111. 7 104. 9 129. 9	117. 2 109. 3 7 138. 7	7 119. 6 112. 2 140. 3	7 120. 0 113. 0 140. 5	7 118. 8 111. 3 140. 2	7 118. 4 7 110. 1 7 141. 2	7 118, 2 7 109, 3 7 141, 8	7 118. 2 7 109. 0 7 142. 3	119. 1 110. 2 142. 7	118.7 109.3 143.5	118.7 108.9 144.5	120.7 110.3 147.9	122. 2 7 112. 1 148. 9	r 122. 5 r 112. 0 149. 4	123, 5 113, 2	124 114
Mfg. and trade sales (seas. adj.), total‡†mil. \$ Manufacturing, total†do	¹ 65,078 33, 308	1 68,002 34,774	69, 244 35, 641	68, 250 34, 736	68, 029 34, 672	68, 884 35, 214	68, 338 35, 004	70, 026 36, 021	70, 992 36, 677	71,013 36,235	70, 649 36, 222	71, 787 37, 167	72, 660 37, 186	72, 187 736, 791	73, 695 37, 867	
Durable goods industriesdo Nondurable goods industriesdo	17, 184 16, 124	18,071 16,704	18, 746 16, 895	18, 160 16, 576	17, 937 16, 735	18, 590 16, 624	18, 272 16, 732	18,476 17,545	19, 144 17, 533	19,027 17,208	18, 887 17, 335	19,359 17,808	19, 138 18, 048	719, 023 717, 768	19, 777 18, 090	1
Retail trade, total ‡	19, 613 6, 245 13, 367 12, 158 5, 021 7, 136	20, 536 6, 675 13, 861 12, 692 5, 244 7, 448	20, 719 6, 773 13, 946 12, 884 5, 278 7, 606	20, 666 6, 562 14, 104 12, 848 5, 297 7, 551	20, 426 6, 606 13, 820 12, 931 5, 354 7, 577	20, 716 6, 941 13, 775 12, 954 5, 323 7, 631	20, 558 6, 734 13, 824 12, 776 5, 300 7, 476	21, 019 6, 831 14, 188 12, 986 5, 348 7, 638	21,000 6,855 14,145 13,315 5,436 7,879	21,533 7, 262 14,271 13,245 5, 548 7, 696	21, 223 6, 939 14, 284 13, 204 5, 560 7, 644	21, 392 7, 010 14, 382 13, 228 5, 506 7, 722	21, 777 7, 218 14, 559 13, 697 5, 766 7, 930	721,773 77,002 714,771 713,623 5,749 77,874	21, 964 7, 076 14, 888 13, 864 5, 842 8, 022	
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total†mil. \$	100, 271	r 105,12 7	102,523	r 10 2,67 2		103,731	r 10 4, 529	105,127	105,417		r 105,721	106,371		,	106, 584	
Manufacturing, total†do Durable goods industriesdo Nondurable goods industriesdo	57, 753 34, 326 23, 427	60, 147 36, 028 24, 119	58, 884 35, 346 23, 538	58, 917 35, 507 23, 410	59, 087 35, 536 23, 551	59, 322 35, 581 23, 741	59, 780 35, 704 24, 076	60, 147 36, 028 24, 119	59, 991 35, 955 24, 036	60,108 35,945 24,163	60, 326 36, 079 24, 247	60, 531 36, 277 24, 254	60, 528 36, 300 24, 228	7 60, 398 7 36, 492 23, 906	60, 443 36, 549 23, 894	
Retail trade, total† do	27, 938 11, 728 16, 210 14, 580 8, 108 6, 472	729, 383 712, 509 716, 874 15, 597 8, 447 7, 150	728, 648 711, 981 716, 667 14, 991 8, 255 6, 736	728, 615 711, 976 716, 639 15, 140 8, 321 6, 819	r 28, 752 r 12, 032 r 16, 720 15, 301 8, 387 6, 914	r 28, 921 r 12, 116 r 16, 805 15, 488 8, 430 7, 058	729, 254 712, 341 716, 913 15, 495 8, 430 7, 065	729, 383 712, 509 716, 874 15, 597 8, 447 7, 150	729,608 712,666	7 29, 586 7 12, 708 7 16, 878 15,719 8, 559 7, 159	729, 661 712, 913 716, 748 15, 734 8, 478 7, 256	729, 961 713, 045 716, 916 15, 879 8, 519 7, 360	r 29, 926 r 13, 024 r 16, 902 16, 053 8, 618 7, 435	730,180 713,079 717,101 716,043 78,740 77,304	30, 061 12, 887 17, 174 16, 080 8, 747 7, 333	

*Revised. * Preliminary. 1 Total and components are based on unadjusted data. \$\pi\sec \text{note marked "\$\pi''\ \text{on p. S-3.}}\$ 2 Includes data for items not shown separately. \$\frac{1}{2}\text{The term "business" here includes only manufacturing and trade. Business inventories as shown on p. S-1 cover data for all types of producers, both farm and nonfarm. Unadjusted data for manufacturing are shown on p. S-5; those for retail trade on p. S-11. \$\frac{1}{2}\text{Ce note marked "\$\frac{1}{2}\text{ on p. S-4}\$ of the Nov. 1963 SURVEY. The vised series. For a detailed description of the changes affecting these series and data for earlier periods, see pp. 16-19 of the Dec. 1963 SURVEY; see p. 28 of this issue of the SURVEY for current revision (Jan.-June 1963) affecting the retail inventory and total manufacturing and trade inventory series. Total manufacturing and trade sales and inventories and merchant wholesalers sales and inventories have been expanded to cover all merchant wholesalers, including wholesalers of farm product raw materials; also, seasonally adjusted data beginning Jan. 1960 for merchant wholesalers' sales and inventories revised to reflect new seasonal and trading day factors. Revisions for earlier periods appear on p. 24 of the May 1964 SURVEY.

Unless otherwise stated, statistics through 1962	1962	1963			196	33						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mon avei		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
	GEN	ERA	L BU	SINE	SS IN	IDICA	TOR	S—C	ontin	ued				-		
BUSINESS SALES AND INVENTORIES—Con.						<u> </u>		i	1							
Invent ory-sales ratios: Manu facturing and trade, total‡§ratio	1. 51	1. 50	r 1.48	1. 50	r 1. 52	r 1. 51	r 1. 53	r 1. 50	1.48	1. 48	r 1. 50	r 1. 48	r 1. 47	7 1. 48	1. 45	
Manufacturing, total§do Dura ble goods industriesdo	1.70 1.96	1.69 1.94	1. 65 1. 89	1. 70 1. 96	1. 70 1. 98	1.68 1.91	1.71 1.95	1. 67 1. 95	1. 64 1. 88	1.66 1.89	1. 67 1. 91	1. 63 1. 87	1. 63 1. 90	71.64 71.92	1,60 1,85	
Purc hased materials	. 62 . 80 . 54	. 59 . 80 . 55	. 58 . 79 . 53	. 60 . 80 . 55	. 61 . 81 . 56	. 59 . 79 . 54	. 60 . 80 . 56	. 59 . 80 . 56	. 57 . 77 . 54	. 57 . 78 . 54	. 57 . 79 . 54	. 56 . 78 . 53	. 57 . 79 . 54	. 57 7 . 80 7 . 55	. 55 . 78 . 52	
Nondurable goods industriesdo	1, 42	1. 41	1.39	1.41	1, 41	1.43	1, 44	1. 37	1. 37	1.40	1.40	1.36	1. 34	r 1. 35	1.32	
Purchased materialsdo Goods in processdo Finished goodsdo	. 60 . 20 . 62	. 59 . 20 . 63	. 58 . 20 . 62	. 58 . 20 . 64	. 58 . 20 . 63	. 59 . 20 . 63	. 59 . 20 . 65	. 56 . 20 . 62	. 55 . 20 . 62	. 56 . 20 . 64	. 56 . 20 . 64	. 54 . 19 . 63	. 53 . 19 . 62	. 53 . 19 . 62	.51 .19 .62	
Retail trade, total‡\$do Durable goods storesdo	1.38 1.82	r 1. 39 r 1. 79	† 1. 38 † 1. 77	r 1.38	r 1.41	7 1. 40 7 1. 75	7 1.42 7 1.83	7 1. 40 7 1. 83	7 1. 41 7 1. 85	r 1. 37	7 1. 40 7 1. 86	7 1. 40 7 1. 86	7 1. 37 7 1. 80	7 1. 39 7 1. 87	1. 37 1. 82	
Nondurable goods storesdodododododo	1. 18 1. 19	7 1. 20 1. 18	1, 20 1, 16	7 1. 18 1. 18	7 1. 21 1. 18	7 1. 22 1. 20	7 1. 22 1, 21	7 1. 19 1. 20	1. 20 1. 19	1. 18 1. 19	1. 17 1. 19	1. 18 1. 20	1. 16 1. 17	1. 16 1. 18	1, 15 1, 16	
Durable goods establishmentsdo Nondurable goods establishmentsdo	1.60	1.58 .90	1.56 .89	1.57 .90	1. 57 . 91	1. 58 . 92	1.59 .94	1.58 .94	1. 58 . 92	1. 54 . 93	1. 52 . 95	1. 55 . 95	1. 49 . 94	1.52	1.50	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS Manufacturers' export sales:*																
Durable goods industries (unadj.), totalmil. \$		678	592	605	682	756	689	789	683	716	778	781	804	7 799	710	
Shipments (not seas. adj.), total†dododododododo	33, 308	34, 774 18, 071	32, 744 17, 014	33, 761 16, 880	36, 028 18, 278	36, 821 19, 180	35, 377 18, 457	34, 594 18, 118	34,110 17,595	36, 818 19, 208	37, 069 19, 471	38, 091	37, 465 19, 781	r 38, 622 r 20, 542	34, 693 17, 824	117,7
Stone, clay, and glass productsdo Primary metalsdo	961 2,835	947 2, 944	999 2, 727	1,035 2,755	1,042 2,788	1,089 2,928	960 2, 852	798 2, 745	788 2, 967	842 3, 158	873 3, 223	987 3, 370	1,017 3,318	71,070 73,333	989 2, 940	
Blast furnaces, steel millsdo Fabricated metal productsdo	1, 522 1, 859	1,586 1,877	1,543 1,785	1,454 1,990	1, 421 1, 986	1, 484 2, 054	1, 468 1, 881	1, 405 1, 807	1, 591 1, 777	1,715 1,911	1,737 1,906	1, 843 1, 989	1, 815 1, 975	7 1, 775 7 2, 075	1, 635 1, 906	
Machinery, except electricaldo Electrical machinerydo Transportation equipmentdo	2, 366 2, 301 4, 453	2,517 2,398 4,848	2, 301 2, 1 79 4 , 679	2, 392 2, 364 3, 648	2, 595 2, 559 4, 553	2, 544 2, 522 5, 268	2, 470 2, 484 5, 221	2,577 2,490 5,237	2, 489 2, 254 4, 940	2, 784 2, 523	2, 896 2, 555 5, 285	2, 957 2, 498 5, 619	2, 939 2, 440 5, 304	7 3, 114 7 2, 605 7 5, 431	2, 668 2, 282 4, 380	
Motor vehicles and partsdo Instruments and related productsdo	2,806 557	3, 154 583	3, 060 524	1,841 569	2, 791 625	3, 544 610	3, 512 610	3, 387 636	3, 311 537	5, 306 3, 455 599	3, 487 611	3,748	3, 495 604	7 3, 563	2, 763 584	
Nondurable goods industries, total 9do Food and kindred productsdo	16, 124 5, 577	16, 704 5, 832	15, 730 5, 637	16, 881 5, 797	17, 750 6, 241	17, 641 6, 184	16, 920 5, 983	16, 476 5, 913	16,515 5,946	17, 610 6, 171	17, 598 6, 120	17, 849 6, 101	17, 684 6, 247	718, 080 76, 429	16, 869 6, 100	
Tobacco productsdo Textile mill productsdo Paper and allied productsdo	377 1, 263 1, 314	383 1,378 1,355	390 1, 201 1, 254	1,427 1,366	385 1,515 1,453	383 1,501 1,427	394 1, 456 1, 359	393 1,356 1,304	333 1,315 1,302	339 1,457 1,398	368 1,477 1,403	379 1, 463 1, 427	399 1, 428 1, 390	7 425 7 1, 506 7 1, 468	1, 293 1, 331	
Chemicals and allied productsdo Petroleum and coal productsdo Rubber and plastics productsdo	2, 449 1, 433	2,568 1,451	2,396 1,435	2, 526 1, 475	2,736 1,456	2,674 1,442	2, 509 1, 424	2, 369 1, 521	2, 573 1, 492	2,743 1,498	2, 803 1, 421	2, 992 1, 484	2, 953 1, 501	7 2, 854	2,590 1,532	
Shipments (seas. adj.), totaltdo	710	772	712 35,641	736 34, 736	799 34, 672	856 35, 214	763 35, 004	784 36, 021	767 36,677	836 36, 235	833 36, 222	901 37, 167	863 37, 186	7 910 7 36, 791	753 37, 867	
By industry group: Durable goods industries, total Qdo Stone, clay, and glass productsdo			18, 746 962	18, 160 914	17, 937 938	18, 590 986	18, 272 977	18, 476 953	19,144 1,018	19,027 999	18, 887 940	19, 359 952	19, 138 929	719, 023 7 940	19, 777 937	1 19, 2
Durable goods industries, total Q			3, 159 1, 815 1, 925	2,857 1,479 1,874	2,742 1,392 1,855	2, 904 1, 469	2,892 1,512	2, 981 1, 570	3, 067 1, 605	3, 034 1, 649	3, 032 1, 615	3, 174 1, 719	3, 154 1, 732	73,102 71,653 71,908	3, 397 1, 921 2, 038	
Machinery, except electricaldododododo		-	2,530 2,531	2, 565 2, 433	2,610 2,370	1, 943 2, 615 2, 385	1, 913 2, 582 2, 369	1,910 2,652 2,432	1,994 2,737	2, 011 2, 674 2, 463	1,967 2,696 2,505	1, 943 2, 738	1, 906 2, 782 2, 530	7 2, 838 7 2, 470	2, 918 2, 594	
Transportation equipmentdo Motor vehicles and partsdo			5, 056 3, 284	4, 979 2, 997	4,897 3,155	5, 158 3, 362	4, 966 3, 234	4,909 3,123	2, 479 5, 117 3, 297	5, 075 3, 331	5, 018 3, 310	2, 530 5, 231 3, 468	5, 056 3, 272	⁷ 5, 036 ⁷ 3, 271	5, 000 3, 230	
Instruments and related productsdo Nondurable goods industries, total Qdo Food and kindred productsdo			600 16,895	588 16, 576	577 16, 735	589 16, 624	594 16, 732	591 17, 545	606 17,533	593 17, 208	606 17, 335		611 18, 048	7 619 7 17, 768	655 18,090	
Food and kindred products do Tobacco products do Textile mill products do			5,820 374 1,405	5,835 393 1,364	5,916 377 1,401	5,870 384 1,363	5, 961 379 1, 400	6, 193 403 1, 466	6, 247 365 1, 465	6, 049 353 1, 405	6, 131 387 1, 460	6, 202 394 1, 472	6, 325 389 1, 481	7 6, 279 7 397 7 1, 432	6,306 393 1,506	
Tobacco products			1, 379 2, 611 1, 462	1,323 2,529	1,395 2,578	1,373 2,576	1, 366 2, 578	1,415 2,640	1,368 2,703	1, 362 2, 735	1, 363 2, 746	1,404 2,827	1, 395 2, 818	7 1, 399 7 2, 736 7 1, 532	1,468 2,811	
D ma-ml-at tam		ı	1, 462 793	1,477 737	1,451 772	1,428 794	1, 409 781	1,475 836	1, 455 815	1, 474 836	1,445 811	1, 520 873	1, 546 853	7 1, 532	1, 555 835	
By market category: Home goods and appareldodododo	2 3, 296 2 7, 002	2 3, 313 2 7, 258	3, 407 7, 258	3, 287 7, 278	3, 201 7, 337	3, 207 7, 288	3, 169 7, 382	3, 473 7, 672	3, 519 7, 686	3, 395 7, 496	3, 387 7, 607	3, 415 7, 766	3, 524 7, 865	r 3, 459 r 7, 802	3, 519 7, 905	
Home goods and apparel	² 4, 167 ² 3, 140 ² 2, 770	2 4, 242 2 3, 571	4, 381 3, 738	4, 351 3, 406	4,314 3,573 2,762	4, 376 3, 797	4, 286 3, 635	4, 435 3, 538	4, 566 3, 710	4, 483 3, 728	4, 445 3, 716 2, 967	4, 572 3, 879	4,618	7 4, 582	4, 805 3, 611 3, 050	
			2, 844 14, 013	2, 793 13, 621	13, 485	2, 933 13, 613	2, 907 13, 625	2, 811 14, 092	3, 002 14,194	3, 119 14, 014	14, 100	2, 916 14, 619	14, 569	7 2, 906 7 14, 365	14, 977	
Consumer durables do Defense products do Machinery and equipment do	2 1, 336 2 2, 091 2 3, 095	21,380 22,096 23,215	1,417 2,179 3,292	1,416 2,353 3,252	1,372 $2,133$ $3,272$	1,368 2,167 3,293	1,356 2,132 3,258	1,454 2,169 3,362	1,469 2,231 3,428	1, 468 2, 181 3, 344	1,476 2,095 3,409	1,483 2,233 3,407	1, 482 2, 198 3, 483	7 1, 467 7 2, 160 7 3, 506	1,522 2,183 3,697	
Inventories, end of year or month:† Book value (unadjusted), totaldodo	³ 57, 41 9	3 59, 738	58, 568	58, 681	58, 837	59, 026	59, 445	59, 738	60,094	60, 486	60, 661	60, 807	60, 950	60, 704	60, 171	
Durable goods industries, totaldo Nondurable goods industries, totaldo	33, 891 23, 528	35, 565 24, 173	35, 187 23, 381	35, 301 23, 380	35, 370 23, 467	35, 300 23, 726	35, 359 24, 086	35, 565 24, 173	35,875 24,219	$36,173 \\ 24,313$	36, 394 24, 267	36, 608 24, 199	36, 785 24, 165	736, 815 723, 889	36, 403 23, 768	
Book value (seasonally adjusted), totaldo By industry group: Durable goods industries, total Qdo	³ 57, 753 34 , 326	³ 60, 14 7 3 6, 0 28	58, 884 35, 346	58, 917 35, 507	59, 087 35, 536	59, 322 35, 581	59, 780 35, 704	60, 147 36, 028	59,991 35,955	60, 108 35, 945	60, 326 36, 079	60, 531 36, 277	60, 528 36, 300	760, 398 736, 492	60, 443 36, 549	
Stone, clay, and glass productsdo	1, 492 5, 873	1,544 5,918	1, 491 5, 831	1,535 5,828	1,551 5,849	1, 517 5, 861	1, 535 5, 903	1,544 5,918	1,539 5,908	1, 535 5, 914	1, 536 5, 972	1,551 5,954	1,579 6,014	r 1, 595 r 6, 019	1,578 6,003	
Blast furnaces, steel millsdo Fabricated metal productsdo	3, 528 3, 861	3, 533 3, 999	3, 459 3, 927	3, 455 3, 933	3, 496 3, 889	3, 500 3, 913	3, 532 3, 917	3, 533 3, 999	3, 519 3, 971	3, 511 3, 965	3, 561 3, 978	3, 547 3, 971	3, 594 3, 951	r 3, 628 r 3, 962	3, 606 3, 973	
Machinery, except electrical do Electrical machinery do Transportation equipment do	6, 486 4, 900 6, 799	6, 910 5, 055 7, 331	6, 712 4, 968 7, 370	6, 759 5, 009 7, 311	6, 763 4, 997 7, 378	6,800 5,043 7,256	6, 839 5, 066 7, 220	6, 910 5, 055 7, 331	6, 926 5, 073 7, 272	6, 869 5, 088 7, 359	6, 891 5, 039 7, 425	6, 955 5, 094	6, 963 5, 062 7, 389	7, 035 5, 061 7, 428	7, 065 5, 081 7, 471	 - -
Motor vehicles and partsdo Instruments and related productsdo	2,413	2, 610 1, 468	2,636	2, 731 1, 434	2,667 1,446	2, 669 1, 454	2, 595 1, 452	2,610 1,468	2,614 1,480	2, 663 1, 477	2, 702 1, 503	7, 446 2, 716 1, 527	2,713	r 2, 716 r 1, 540	2, 819 1, 531	

^{*}Revised. 1 Advance estimate. 2 Based on data not seasonally adjusted. 3 Total and components are end-of-year data.
§ See note marked "†" on p. S-4.
*New series. Represents estimated total value of durable goods products directly exported by durable goods manufacturers; data prior to O-4. 1982 are not available. †Revised series. Effective with the Dec. 1963 Survey, data reflect the following major changes: Introduction of the Annual Survey of Manufacturers as the new benchmark, revision of sample de-

sign, refinement of industry reporting, expansion of industry groups published, and revision of seasonal factors. In addition, data by market groupings are presented for the first time. Data for shipments and new orders not seasonally adjusted are adjusted for trading day variation. Revisions back to 1947 and a detailed description of the current revision appear in the Census Bureau publication, "Manufacturers' Shipments, Inventories, and Orders: 1947–63 Revised."

2 Includes data for items not shown separately.

Juless otherwise stated, statistics through 1962										1964								
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Ene ye	d of ar	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug		
	GEN	ERA	L BU	SINE	SS IN	NDIC	ATOR	S—C	ontin	ued								
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued																		
nventories, end of year or month—Continued† Book value (seasonally adjusted)—Continued By industry group—Continued Durable goods industries—Continued By stage of fabrication: Materials and supplies 9mil. \$ Primary metals	10, 571 2, 333 2, 968 1, 782	10, 879 2, 259 3, 009 1, 956	10, 810 2, 198 3, 083 1, 873	10, 981 2, 203 3, 089 1, 990	10, 917 2, 232 3, 001 2, 012	10, 878 2, 251 2, 954 1, 989	10, 880 2, 256 2, 992 1, 960	10, 879 2, 259 3, 009 1, 956	10,821 2,233 2,989 1,958	10, 786 2, 232 2, 992 1, 952	10, 817 2, 256 2, 973 1, 967	10, 830 2, 280 2, 962 1, 930	10, 828 2, 249 2, 989 1, 928	r10, 866 r 2, 243 r 3, 028 r 1, 911	10, 841 2, 229 3, 062 1, 853			
Work in process 9 do. Primary metals do. Machinery (elec. and nonelec.) do. Transportation equipment do.	14, 129 1,816 5,034 4,142	14,857 1,901 5,249 4,467	14,740 1,808 5,232 4,566	14, 591 1, 818 5, 223 4, 414	14, 579 1, 852 5, 172 4, 468	14, 639 1, 845 5, 288 4, 386	14, 648 1, 882 5, 260 4, 363	14, 857 1, 901 5, 249 4, 467	14,828 1,895 5,305 4,402	14, 875 1, 898 5, 251 4, 499	15, 001 1, 926 5, 253 4, 539	15, 112 1, 902 5, 361 4, 583	15, 127 1, 970 5, 348 4, 523	r15, 211 r 1, 969 r 5, 385 r 4, 533	15, 342 1, 991 5, 432 4, 613			
Finished goods \(\rightarrow \) do	9,593 1,721 3,381 824 23,427	10, 292 1, 758 3, 707 908	9, 852 1, 779 3, 512 859	9, 949 1, 742 3, 575 869	10, 040 1, 765 3, 587 898	10, 064 1, 765 3, 601 881	10, 176 1, 765 3, 653 897	10, 292 1, 758 3, 707 908	10, 306 1, 780 3, 705 912	10, 284 1, 784 3, 714 908	10, 261 1, 790 3, 704 919	10, 335 1, 772 3, 726 933	10, 345 1, 795 3, 688 938	710, 415 71, 807 73, 683 7984	10, 366 1, 783 3, 652 1, 005			
Nondurable goods industries, total \$do Food and kindred productsdo Tobacco productsdo Textile mill productsdo	23, 427 6, 080 2, 391 2, 608	24, 119 6, 028 2, 314 2, 886	23, 538 6, 000 2, 362 2, 690	23, 410 5, 917 2, 341 2, 689	23. 551 5, 979 2, 339 2, 668	23, 741 6, 057 2, 317 2, 800	24,076 6,060 2,345 2,895	24, 119 6, 028 2, 314 2, 886	24, 036 6, 052 2, 357 2, 846	24, 163 6, 136 2, 374 2, 839 1, 792	24, 247 6, 195 2, 344 2, 821	24, 254 6, 165 2, 363 2, 789	24, 228 6, 137 2, 353 2, 768	23, 906 r 5, 991 r 2, 322 r 2, 754	23. 894 6, 019 2, 299 2, 745			
Paper and allied productsdo Chemicals and allied productsdo Petroleum and coal productsdo Rubber and plastics productsdo By stage of fabrication:	1,088 3,600 1,809 1,138 9,770	1,800 3,818 1,736 1,157 9,769	1, 725 3, 694 1, 835 1, 173 9, 718	1,728 3,718 1,852 1,164 9,694	1,743 3,722 1,830 1,155 9,660	1,757 3,734 1,788 1,159 9,844	1,772 3,769 1,795 1,167 9,826	1,800 3,818 1,736 1,157 9,769	1,792 3,872 1,775 1,125 9,666	1, 792 3, 894 1, 786 1, 127 9, 661	1, 797 3, 902 1, 801 1, 129 9, 632	1,789 3,926 1,768 1,131 9,534	1,801 3,935 1,767 1,133 9,528	r 1, 812 r 3, 910 r 1, 732 r 1, 127 r 9, 432	1, 833 3, 944 1, 701 1, 134 9, 264			
Materials and suppliesdo Work in processdo Finished goodsdo By market category: Home goods and appareldo	3, 304 10, 246 5, 955	3, 479 10, 871 6, 389	3, 354 10, 559 6, 005	3, 364 10, 648 6, 040	3, 347 10, 544 6, 149	3, 344 10, 553 6, 179	3, 428 10, 822 6, 321	3, 479 10, 871 6, 389	3, 452 10, 918 6, 242	3, 403 11, 099 6, 231	3, 446 11, 169 6, 226	3, 459 11, 261 6, 313	3, 452 11, 248 6, 296	7 3, 422 711, 052 7 6, 210	3, 404 11, 226 6, 200			
Consumer staples do Equip, and defense prod., excl. auto do Automotive equipment do Construction materials and supplies do Other materials and supplies do Supplementary market categories:	9, 515 11, 828 3, 001 5, 042 22, 412 2, 722	9, 525 12, 363 3, 245 5, 290 23, 335	9, 525 12, 149 3, 248 5, 076 22, 881 2, 797	9, 438 12, 172 3, 331 5, 146 22, 790	9, 447 12, 249 3, 268 5, 099 22, 875	9, 502 12, 189 3, 258 5, 135 23, 059 2, 923	9, 571 12, 277 3, 200 5, 189 23, 222	9, 525 12, 363 3, 245 5, 290 23, 335 2, 955	9, 597 12, 303 3, 241 5, 311 23, 297 2, 938	9, 730 12, 288 3, 299 5, 296 23, 264 2, 931	9, 780 12, 305 3, 347 5, 290 23, 378	9, 782 12, 370 3, 359 5, 352 23, 355	9, 745 12, 361 3, 342 5, 353 23, 431	r 9, 563 r12, 494 r 3, 356 r 5, 386 r23, 389	9, 578 12, 439 3, 448 5, 370 23, 408			
Consumer durables do Defense products do Machinery and equipment do Sew orders, net (not seas. adj.), total† do	5, 343 8, 098 133, 167	2, 955 5, 583 8, 539 135, 036	5, 647 8, 317 32, 829	2, 855 5, 496 8, 365 33, 779	2, 865 5, 571 8, 343 36, 217	5, 490 8, 395 36, 601	2, 923 5, 502 8, 485 35, 174	5, 583 8, 539 34, 045	5, 466 8, 558 35, 010	5, 465 8, 524 37, 539	2, 917 5, 457 8, 550 37, 508	2, 964 5, 429 8, 673 38, 517	2, 938 5, 394 8, 677 37, 859	r 2, 952 r 5, 412 r 8, 781 r39, 317	2, 953 5, 382 8, 804 36, 450			
Durable goods industries, totaldo Nondurable goods industries, totaldo lew orders, net (seas. adj.), total†do By industry group:	17, 085 16, 082 3 33, 167	18, 300 16, 736 3 35, 036	17, 089 15, 740 35, 207	16, 946 16, 833 34, 930	18, 502 17, 715 34, 991	18, 883 17, 718 35, 354	18, 140 17, 034 34, 953	17, 623 16, 422 35, 619	18, 558 16, 452 37, 148	19, 927 17, 612 36, 657	19, 951 17, 557 36, 547	20, 662 17, 855 38, 184	20, 095 17, 764 37, 893	r21, 249 r18, 068 r37, 782	19, 624 16, 826 39, 393	218		
Durable goods industries, total Q	17,085 2,718 1,400 1,848 2,364 2,285 4,484 1,342	18, 300 2, 959 1, 592 1, 886 2, 574 2, 410 4, 970 1, 398	18, 275 2, 605 1, 262 1, 875 2, 608 2, 414 5, 246 1, 678	18,060 2,486 1,198 1,950 2,529 2,568 5,005 1,484	18, 244 2, 712 1, 371 1, 808 2, 608 2, 263 5, 430 1, 754	18, 622 3, 013 1, 590 1, 910 2, 669 2, 410 5, 094 1, 272	18, 113 2, 964 1, 529 1, 858 2, 617 2, 477 4, 680 1, 189	17, 974 2, 938 1, 456 1, 914 2, 741 2, 463 4, 327 801	19,740 3,147 1,641 2,043 2,808 2,687 5,433 1,730	19, 499 3, 074 1, 685 2, 018 2, 763 2, 574 5, 179 1, 537	19, 262 3, 103 1, 675 2, 007 2, 771 2, 547 5, 164 1, 421	20, 461 3, 641 2, 077 2, 071 2, 938 2, 520 5, 607 1, 605	19, 945 3, 175 1, 727 1, 968 2, 956 2, 571 5, 538 1, 646	720, 016 7 3, 472 7 1, 943 7 2, 013 7 3, 030 7 2, 448 7 5, 364 7 1, 510	21, 346 3, 503 2, 042 2, 072 2, 951 2, 795 6, 299 2, 449	219		
Nondurable goods inclustries, totaldo Industries with unfilled orders —do Industries without unfilled orders —do By market category:	16, 082 4, 124 11, 957	16, 736 4, 411 12, 325	16, 932 4, 560 12, 372	16, 870 4, 490 12, 380	16, 747 4, 495 12, 252	16, 732 4, 528 12, 204	16,840 4,635 12,205	17, 645 4, 835 12, 810	4, 531	17, 158 4, 486 12, 672	17, 285 4, 552 12, 733	17, 723 4, 678 13, 045	4, 739 13, 209	r17, 766 r 4, 694 r13, 072	18, 047 4, 871 13, 176			
Home goods and apparel	3, 273 7, 000 4, 155 3, 162 2, 767 12, 809	3, 339 7, 257 4, 368 3, 578 2, 803 13, 691	3, 438 7, 263 4, 304 3, 646 2, 919 13, 637	3, 581 7, 277 4, 592 3, 484 2, 917 13, 079	3, 177 7, 334 4, 424 3, 553 2, 712 13, 791	3, 199 7, 298 4, 069 3, 806 2, 938 14, 044	3, 136 7, 371 4, 289 3, 611 2, 807 13, 739	3, 503 7, 682 4, 133 3, 475 2, 723 14, 103	3, 444 7, 700 4, 991 3, 728 2, 967 14, 318	3, 455 7, 495 4, 607 3, 714 3, 113 14, 273	3, 444 7, 593 4, 495 3, 797 2, 983 14, 235	3, 396 7, 756 4, 858 4, 040 3, 038 15, 096	3, 480 7, 859 5, 323 3, 641 3, 017 14, 573	77,809 75,237 73,717 73,004 714,613	3, 568 7, 897 5, 619 3, 742 3, 095 15, 472			
Consumer durables do Defense products do Machinery and equipment do Unfilled orders, end of year or month (unadjusted),	1, 325 2, 081 3, 090	1,404 2,156 3,326	1, 416 2, 397 3, 334	1, 426 2, 357 3, 307	1, 312 2, 466 3, 415	1, 379 1, 922 3, 441	1, 387 1, 968 3, 273	1,514 1,476 3,612	1,420 2,673 3,617	1, 520 2, 401 3, 413	1, 505 2, 177 3, 455	1, 485 2, 367 3, 610	1, 492 2, 482 3, 929	r 1, 421 r 2, 336 r 3, 916	1, 552 3, 296 3, 839	ļ		
total†mil. \$do	46, 242 43, 666 2, 576	49, 149 46, 193 2, 956	49, 916 47, 004 2, 912	49, 945 47, 086 2, 859	50, 131 47, 306 2, 825	49, 902 46, 999 2, 903	49, 696 46, 684 3, 012	49, 149 46, 193 2, 956	50, 049 47, 154 2, 895	50, 760 47, 863 2, 897	51, 199 48, 341 2, 858	51, 626 48, 764 2, 862	52, 018 49, 076 2, 942	r52, 717 r49, 785 r 2, 932	54, 472 51, 583 2, 889	2 51		
nfilled orders, end of year or month (seasonally adjusted), total† mil. \$ By industry group: Durable goods industries, total \$ Primary metals	46, 784 44, 094 3, 761 2, 057 3, 944 6, 304	49, 796 46, 676 3, 930 2, 120 4, 062 7, 027	49, 542 46, 745 4, 220 2, 417 4, 180 6, 711	49, 552 46, 695 3, 862 2, 150 4, 191 6, 764	49, 982 47, 070 3, 822 2, 102 4, 124 6, 780	50, 140 47, 169 3, 859 2, 172 4, 104 6, 884	50, 132 47, 076 3, 930 2, 193 4, 059 6, 933	49, 796 46, 676 3, 930 2, 120 4, 062 7, 027	50, 083 47, 072 4, 022 2, 168 4, 081 7, 069	50, 586 47, 644 4, 169 2, 281 4, 099 7, 072	50, 697 47, 805 4, 082 2, 203 4, 190 7, 169	51, 679 48, 840 4, 485 2, 525 4, 311 7, 325	49, 225 4, 513 2, 540 4, 366 7, 421	2,748 74,451 77,618	54, 232 51, 461 5, 061 3, 026 4, 481 7, 632			
Flectrical machinery do Transportation equipment do Aircraft and parts do Nondur goods indust, with unfilled orders ⊕.do	6.964 18,062 13,570 2,690	7, 114 19, 368 14, 446 3, 120	6, 991 19, 430 14, 880 2, 797	7, 122 19, 481 14, 819 2, 857	7, 062 19, 998 15, 199 2, 912	7, 058 20, 060 15, 189 2, 971	7, 111 19, 869 14, 985 3, 056	7, 114 19, 368 14, 446 3, 120	7,153 19,724	7,337 19,805 14,919 2,942	7, 383 19, 821 14, 990 2, 892	7, 347 20, 294 15, 305 2, 839	7, 402 20, 443 15, 301 2, 779	r 7, 413 r20, 679 r15, 383 2, 796	7, 656 21, 654 16, 060 2, 771			
By market category: Home goods, apparel, consumer staples do Equip, and defense prod., incl. auto do Construction materials and supplies do Other materials and supplies do Supplementary market categories:	1,736 24,713 4,868 15,467	1, 987 26, 197 4, 986 16, 626	1, 955 26, 075 5, 027 16, 485	1, 987 26, 484 5, 133 15, 948	1, 989 26, 664 5, 116 16, 213	1, 977 26, 483 5, 111 16, 569	1, 945 26, 502 5, 017 16, 668		4,952 16,689	1, 994 26, 598 4, 967 17, 027	2, 061 26, 555 5, 044 17, 037	2,016 27,059 5,123 17,481		r 5, 213 r17, 682	1, 919 28, 914 5, 204 18, 195			
Consumer durables do Machinery and equipment do	1, 194 18, 148 9, 828	1, 407 18, 724	1, 325 19, 347 10, 549	1,315 19,399 10,650	1, 254 19, 746 10, 754	1, 313 19, 625 10, 931	1, 352 19, 429 10, 928	1, 407 18, 724 11, 186	1,338 19,062 11,326	1,408 19,365 11,348	1, 440 19, 363 11, 442	1, 410 19, 613 11, 622	19,670	7 1, 356 719, 828 712, 349	1, 362 20, 606 12, 506			

Revised. 1 Monthly average. 2 Advance estimate. 3 Data for total and components (incl. market categories) are monthly averages based on new orders not seasonally adjusted. 5 oc corresponding note on p. S-5. 2 Includes data for items not shown separately. Dincludes textile mill products, leather and products, paper and allied products,

and printing and publishing industries; unfilled orders for other nondurable goods industries are zero. ¶For these industries (food and kindred products, tobacco products, apparel and related products, petroleum and coal products, chemicals and allied products, and rubber and plastics products) sales are considered equal to new orders.

Tr. Annual Control of the Control of	1962	1963	1		19	163					=	19	164			
Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		thly crage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
	<u> </u>		L BU	SINE	SS II	NDIC.	ATOF	RS—C	ontin	ued	<u> </u>	!	1	!		<u> </u>
BUSINESS INCORPORATIONS ♂			l					I .	ì					Ī]	
New incorporations (50 States and Dist. Col.):† Unadjustednumber Seasonally adjusteddo	15, 171	15, 534	15,959 15,431	15,277 16,093	13,824 15,689	16,808 16,275	12,975 15,759	15,472 15,867	18, 825 16, 193	15, 495 16, 086	17, 676 16, 064	17, 365 16, 242	16, 394 15, 932	16, 856 15, 797	17, 145 15, 852	
INDUSTRIAL AND COMMERCIAL FAILURES♂																
Failures, totalnumber	1,315	1, 198	1, 155	1, 135	1, 051	1, 262	1,115	998	1, 217	1, 241	1, 320	1, 197	1,075	1, 157	1,096	
Commercial service do Construction do Manufacturing and mining do Retail trade do Wholesale trade do	112 225 215 629 134	114 200 201 557 126	101 180 173 590 111	108 210 187 522 108	113 189 167 467 115	133 207 217 578 127	129 198 186 479 123	91 198 176 433 100	109 201 205 570 132	109 204 211 572 145	131 210 212 625 142	101 201 216 554 125	92 179 188 501 115	123 219 146 563 106	82 214 192 501 107	
Liabilities (current), totalthous. \$	101, 133	112, 716	120, 509	65, 233	85,918	91.834	262, 112	68, 427	96, 731	123, 935	110, 999	112, 884	93, 419	144, 496	125, 642	
Commercial service	7, 831 20, 295 33, 333 29, 143 10, 531	7, 425 19, 280 46, 475 24, 947 14, 589	7, 614 31, 350 45, 955 26, 463 9, 127	5,304 12,394 18,748 19,341 9,446	6, 579 21, 522 28, 149 15, 644 14, 024	10, 758 12, 981 32, 777 23, 603 11, 715	4, 171 20, 325 197, 942 26, 832 12, 842	3, 764 13, 935 22, 662 16, 849 11, 217	5, 721 22, 166 29, 649 27, 376 11, 819	7, 238 14, 933 26, 260 22, 680 52, 824	11, 686 20, 776 26, 762 19, 515 32, 260	10, 355 27, 872 30, 650 28, 151 15, 856	10, 245 14, 687 37, 782 23, 291 7, 414	80, 909 15, 349 17, 951 21, 694 8, 593	9, 037 23, 772 23, 309 20, 781 48, 743	
Failure annual rate (seasonally adjusted) No. per 10,000 concerns_	1 60. 8	1 56. 3	57.1	54. 5	59. 4	59.6	55. 1	51. 2	53. 9	55. 3	56. 6	51.3	49.4	53. 2	54. 9	
	<u>-</u>	'	C	OMM	ODIT	Y PI	RICES	<u>'</u>	<u>-</u>	<u></u>	 	1 	<u> </u>			1
PRICES RECEIVED AND PAID BY FARMERS						1						 	1		1	
Prices received, all farm products⊙1910-14=100_	244	242	243	242	242	242	242	237	243	240	239	236	235	232	234	232
Crops	231 243 271 153 226	237 231 271 164 224	237 238 269 170 205	232 194 271 168 206	232 189 276 171 213	235 205 278 162 223	241 250 274 158 224	241 254 264 164 226	243 270 254 166 230	242 286 249 164 229	241 275 259 166	243 230 267 168 225	248 235 271 168 218	241 240 274 168 170	234 237 274 163 162	226 217 258 163 161
Fruit do Oil-bearing crops do Potatoes (incl. dry edible beans) do Tobacco do	226 248 157 530	279 258 157 494	277 256 181 496	274 255 200 479	264 253 161 498	279 264 140 495	294 271 144 490	303 265 144 478	300 268 150 488	292 263 156 490	215 293 260 167	316 252 191 490	327 246 251 490	301 246 322 489	272 247 307 489	283 243 247 487
Livestock and products	255 253 310 145 252	245 253 290 146 269	249 242 308 138 275	250 251 303 142 260	250 262 294 149 256	248 269 286 148 262	243 272 272 272 150 265	234 269 260 146 270	242 265 274 154 274	237 260 269 147 281	237 253 273 144 295	230 243 268 136 301	224 237 263 131 301	224 234 264 133 299	234 243 275 139 293	237 252 274 145 288
Prices paid: All commodities and services	280 294 270	283 298 273	284 299 273	283 298 273	283 297 273	282 297 272	282 298 271	282 298 270	283 298 273	283 299 271	283 298 272	283 300 272	282 300 270	282 300 269	282 300 269	282 300 269
wage rates (parity index) :1910-14=100	307	312	313	312	311	311	311	311	313	313	313	314	313	313	312	313
Parity ratio §‡dodo CONSUMER PRICES (U.S. Department of Labor Indexes)	179	² 78	78	78	78	78	78	76	78	77	76	75	75	74	75	74
All items1957-59=100 Special group indexes:	105. 4	106. 7	107. 1	107. 1	107. 1	107. 2	107. 4	107. 6	³ 107.6 4 107.7	³ 107. 6 107. 6	³ 107. 8 107. 7	³ 108.0 107.8	3 107.9 107.8	³ 108. 2 108. 0	108. 3	
All items less shelter do All items less food do	105. 4 106. 1	106. 7 107. 4	107. 1 107. 5	107. 2 107. 6	107. 1 107. 8	107. 2 108. 1	107. 4 108. 4	107. 5 108. 5	107. 6 108. 4	107. 5 108. 4	107. 5 108. 6	107. 7 108. 6	107.7 108.7	107. 9 108. 8	108. 2 108. 8	
Commodities¶ do Nondurables do Durables¶♀ do New cars do Used cars do	103. 2 103. 6 101. 8 102. 1 115. 2	104. 1 104. 9 102. 1 101. 5	104. 6 105. 5 102. 1 100. 5	104. 6 105. 5 102. 1 100. 2	104. 4 105. 3 102. 2 99. 8	104. 5 105. 2 102. 7 103. 1	104. 7 105. 4 103. 1 103. 2	104. 9 105. 6 103. 0 102. 1	104. 9 105. 7 102. 9 102. 3	104. 8 105. 6 102. 9 102. 2	104.8 105.6 102.9 101.8	104. 9 105. 6 102. 9 101. 6	104. 8 105. 5 102. 8 101. 2	105. 0 105. 8 102. 9 100. 8	105. 3 106. 3 102. 9 100. 6	
Commodities less food¶do Services¶do	102. 8 110. 9	116. 6 103. 5 113. 0	118. 1 103. 5 113. 1	119. 0 103. 6 113. 3	120. 1 103. 7 113. 5	120. 0 104. 2 113. 7	121. 0 104. 5 113. 9	120. 3 104. 5 114. 1	119. 6 104. 3 114. 2	119.0 104.1 114.3	119.6 104.3 114.5	120. 9 104. 3 114. 8	121.6	122. 7 104. 3	122. 7 104. 3	
Food Q	103. 6 101. 7 104. 1 105. 0	105, 1 100, 2 103, 8 111, 0	106. 2 100. 2 103. 3 118. 7	106. 0 101. 4 104. 2 114. 2	105. 4 101. 5 104. 3 108. 1	104. 9 100. 4 104. 6 106. 3	105. 1 99. 7 104. 8 108. 2	105. 4 99. 2 105. 0 109. 8	105. 8 98. 3 105. 0 112. 4	106. 0 98. 3 104. 8 113. 9	105. 7 97. 2 104. 5 115. 1	105. 7 97. 0 104. 1 115. 7	114.9 105.5 96.6 103.9	115. 1 106. 2 96. 8 104. 0	104. 3	
$ \begin{array}{c cccc} Housing & do \\ Shelter \c 2 & do \\ Rent & do \\ Homeownership & do \\ Fuel and utilities & do \\ Household furnishings and operation & do \\ \end{array} $	104. 8 105. 6 105. 7 105. 6 106. 1 101. 5	106. 0 106. 9 106. 8 107. 0 107. 0 102. 4	106. 0 107. 0 106. 7 107. 1 106. 7 102. 4	106. 0 107. 0 106. 8 107. 1 106. 4 102. 5	106. 2 107. 1 107. 0 107. 2 107. 0 102. 7	106. 3 107. 3 107. 1 107. 4 107. 3 102. 6	106. 6 107. 7 107. 2 108. 0 107. 5 102. 7	106. 9 108. 0 107. 3 108. 4 107. 6 102. 9	106. 9 108. 1 107. 3 108. 5 107. 7 102. 7	106. 9 108. 3 107. 5 108. 8 106. 8	107. 1 108. 4 107. 5 108. 9 107. 3	107. 0 108. 2 107. 7 108. 6 107. 4	115. 7 106. 9 108. 2 107. 7 108. 4 107. 2	120. 2 107. 1 108. 4 107. 8 108. 7 107. 1	107. 1 108. 6 107. 8 108. 9 107. 0	
Apparel and upkeep* do Transportation do Private do Dublic do	103. 6 107. 2 105. 9 115. 4	104. 8 107. 8 106. 4 116. 9	104. 5 107. 8 106. 4 116. 6	104. 7 108. 3 106. 9 117. 1	105. 4 107. 9 106. 5 117. 1	105. 9 109. 0 107. 7 117. 6	106. 1 109. 1 107. 8 117. 6	102. 9 106. 1 108. 9 107. 5 118. 3	105. 0 109. 4 108. 0 118. 3	102. 7 105. 1 108. 6 107. 2 118. 4	102. 8 105. 3 108. 9 107. 4 118. 3	102. 9 105. 6 109. 0 107. 6 118. 4	102. 9 105. 7 109. 1 107. 7 118. 6	102. 9 105. 7 109. 2 107. 8 118. 9	102. 8 105. 5 109. 4 107. 9	
Health and recreation 9 *	109. 4 114. 2 106. 5 109. 6	111. 4 117. 0 107. 9 111. 5	111. 7 117. 3 108. 0 111. 5	111. 9 117. 4 108. 0 112. 1	112. 1 117. 5 108. 2 112. 3	112. 3 117. 7 108. 4 112. 7	112. 4 117. 9 108. 4 112. 8	112. 7 117. 9 108. 8 113. 1	112.7 118.2 108.5	112. 9 118. 5 108. 4 113. 3	113. 1 118. 7 108. 7 113. 6	113.4 119.0 108.7 114.0	113. 5 119. 1 108. 9 114. 1	113. 5 119. 3 109. 1 114. 0	109.3	

series as of Dec. 1963 to provide continuous series (see exceptions in notes "¶" and "*"). More complete information and cata are available from the Bureau of Labor Statistics, U.S. Dept. of Labor (Washington, D.C., 20210).

¬Compiled by Dun & Bradstreet, Inc. (failures data are for 48 States and Dist. Col.).

¬Data prior to 1963 exclude Dist. of Col. Revisions for Jan.—Dec. 1962 (seas. adj.) appear on p. S-7 of the Ang. 1964 Survey.

¬Revisions for Jan.—1964 Nar. 1963 are available upon request. See note marked "!" on p. S-7 of the Feb. 1964 Survey.

¬Ratio of prices received to prices paid (incl. interest, taxes, and wage rates). ¬Data beginning 1962 as shown here are not comparable with "old series" data formerly published.

¬Incl. data not shown separately. New indexes.

S-8		SU	RVE	OF	CUR	REN	T BU	JSIN:	ESS					Sep	tember	1964
Unless otherwise stated, statistics through 1962	1962	1963			196	3					7.4	19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mon aver		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
		CC	MM(DIT	Y PR	ICES-	Con	tinu	ed							
WHOLESALE PRICESG (U.S. Department of Labor Indexes)																
Spot market prices, basic commodities: 1957-59=100 22 Commodities	1 93.0 89.8 95.4 100.6	1 93. 5 92. 9 93. 9 100.3	93. 8 93. 4 94. 2 100. 6	92. 6 90. 3 94. 2 100. 4	93. 0 91. 4 94. 1 100. 3	95. 8 95. 1 96. 3 100. 5	95. 7 93. 4 97. 3	95. 0 91. 1 97. 7 100. 3	95. 5 91. 5 98. 5 101. 0	94. 4 88. 9 98. 5 100. 5	94.3 87.9 98.9 100.4	96. 3 88. 2 102. 4 100. 3	95. 3 87. 9 100. 9	95. 2 87. 0 101. 4 100. 0	95. 8 86. 8 102. 5 100. 4	97. 87. 105.
By stage of processing: Crude materials for further processingdo Intermediate materials, supplies, etcdo Finished goodsOdo	97. 1	95.0	96. 1	95. 7	94. 8	94. 8	95. 1	92. 6	95. 1	94. 0	94. 3	94. 2	93. 5	92. 4	7 93. 8	94.
	100. 2	100.5	100. 6	100. 5	100. 5	100. 9	101. 0	101. 1	101. 3	101. 2	100. 9	100. 9	100. 6	100. 3	100. 5	100.
	101. 7	101.4	101. 8	101. 4	101. 5	101. 6	101. 8	101. 4	102. 1	101. 6	101. 5	101. 3	101. 3	101. 7	7 102. 1	101.
Durable goodsdodo	101. 0	101.0	101.1	101. 2	101. 1	101. 4	101. 5	101. 6	101. 7	101.8	102. 0	102. 2	102. 4	102.3	7 102. 4	102.
	100. 1	99.6	100.1	99. 6	99. 5	99. 8	100. 0	99. 2	100. 3	99.5	99. 2	98. 9	98. 4	98.4	98. 9	98.
Total manufacturesdo	100.8	100. 6	101. 0	100. 8	100. 7	100. 9	100. 9	100. 9	101.3	101. 1	100. 9	100. 9	100. 8	100. 8	101. 1	101.
Durable manufacturesdo	101.3	101. 3	101. 5	101. 5	101. 4	101. 7	101. 8	101. 9	101.9	102. 1	102. 2	102. 4	102. 6	102. 4	102. 5	102.
Nondurable manufacturesdo	100.1	99. 8	100. 4	100. 0	99. 9	100. 2	100. 1	99. 9	100.5	100. 0	99. 6	99. 4	99. 0	99. 1	99. 7	99.
Farm products Q	97. 7	95.7	96. 8	96. 3	95. 5	95. 1	96. 2	93. 3	96. 3	94. 5	95. 2	9 4. 4	93. 7	93. 2	94. 1	93.
	97. 7	96.1	97. 0	92. 5	88. 0	89. 1	96. 1	94. 8	95. 9	97. 9	104. 9	105. 9	107. 4	113. 1	7 108. 9	98.
	98. 8	101.9	99. 5	98. 5	102. 9	101. 8	100. 3	101. 8	103. 9	102. 0	99. 1	103. 3	103. 2	89. 8	85. 7	85.
	96. 2	88.8	94. 4	93. 5	88. 6	88. 0	87. 9	79. 9	84. 7	82. 8	83. 8	82. 4	81. 2	82. 3	87. 7	88.
Foods, processed 9 do Cereal and bakery productsdo. Dairy products and ice creamdo Fruits and vegetables, canned, frozendo Meats, poultry, and fishdo	101. 2	101.1	102. 2	100, 9	100. 9	102. 2	102. 5	100. 4	102. 5	100.9	100. 5	100. 4	99. 4	100. 2	101. 2	101.
	107. 6	107.3	106. 4	106, 0	107. 0	107. 7	107. 3	106. 9	107. 0	107.4	106. 8	107. 8	107. 5	107. 9	108. 6	108.
	106. 9	107.5	107. 3	107, 9	108. 0	107. 4	107. 9	108. 1	108. 0	107.5	107. 3	107. 1	106. 6	107. 1	107. 0	107.
	98. 0	103.9	105. 7	104, 8	105. 3	105. 8	106. 4	106. 8	107. 2	107.4	107. 5	107. 3	106. 3	106. 1	105. 3	102.
	99. 1	93.3	96. 3	95, 2	94. 2	93. 2	91. 7	87. 7	91. 8	88.9	88. 7	88. 3	86. 9	90. 2	93. 3	93.
Commod. other than farm prod. and foods_do	100.8	100.7	100.8	100.8	100. 7	100. 9	100.9	101.2	101.3	101.2	101.1	101.1	101.1	100.9	101. 1	101.
Chemicals and allied products Q do Chemicals, industrial do Drugs and pharmaceuticals do Fats and oils, inedible do Fertilizer materials do Prepared paint do	97. 5	96.3	96. 0	96. 0	96. 0	96. 2	96. 3	96. 2	96, 3	96. 4	96. 5	96. 6	96. 7	96. 5	96. 6	96.
	96. 3	94.8	94. 7	94. 6	94. 5	94. 2	94. 2	94. 3	94, 3	94. 2	94. 4	94. 4	94. 5	94. 3	94. 3	93.
	96. 0	95.1	95. 1	95. 0	94. 9	94. 9	95. 0	95. 0	95, 4	95. 3	95. 2	95. 4	95. 5	94. 6	7 94. 8	94.
	76. 3	80.3	81. 4	81. 7	81. 3	88. 5	90. 2	85. 0	83, 1	83. 2	85. 8	87. 3	88. 6	93. 2	7 95. 9	100.
	101. 9	99.9	99. 8	96. 9	97. 2	97. 1	98. 4	98. 4	99, 4	100. 2	100. 2	100. 2	100. 2	100. 2	101. 1	100.
	103. 8	103.8	103. 0	103. 9	103. 9	103. 9	104. 9	105. 1	105, 1	104. 6	104. 8	104. 8	104. 8	103. 9	7 104. 1	104.
Fuel and related prod., and power \$ \text{do.}\$ Coal.	100. 2	99.8	100. 4	98. 9	99. 0	98, 8	97. 9	99. 3	99, 5	99. 0	97. 0	96. 1	96. 4	96. 3	96. 7	96.
	96. 8	96.9	95. 8	96. 2	97. 2	97, 7	98. 3	98. 3	98, 3	98. 1	97. 1	95. 0	95. 1	95. 3	7 96. 1	96.
	102. 8	102.0	102. 0	101. 9	101. 8	101, 4	101. 3	101. 3	101, 3	101. 3	99. 4	101. 3	101. 3	100. 9	100. 6	100.
	119. 2	122.8	121. 2	120. 9	121. 7	122, 0	122. 3	124. 8	124, 8	126. 8	123. 2	120. 4	116. 6	116. 0	7 120. 2	120.
	98. 2	97.2	98. 7	96. 1	95. 9	95, 6	93. 8	96. 1	96, 6	95. 3	92. 9	91. 1	92. 2	92. 3	92. 5	91.
Furniture, other household durables QdoAppliances, householddoFurniture, householddoAdo receivers and phonographsdoTelevision receiversdo	98. 8	98.1	98. 0	98. 1	98. 1	98. 1	98, 1	98. 0	98, 4	98. 5	98. 5	98. 6	98. 6	98. 5	7 98. 6	98.
	94. 0	91.8	91. 7	91. 7	91. 4	91. 2	91, 2	91. 1	91, 5	91. 8	91. 7	91. 6	91. 6	91. 2	7 91. 2	91.
	103. 8	104.6	104. 5	104. 6	104. 8	104. 8	104, 8	104. 7	105, 0	105. 0	105. 0	105. 2	105. 3	105. 3	7 105. 4	105.
	86. 1	82.8	81. 5	81. 5	81. 9	81. 9	81, 8	81. 7	81, 5	81. 5	81. 5	81. 5	81. 5	81. 5	7 81. 8	81.
	94. 2	92.3	91. 9	91. 9	91. 9	91. 8	91, 8	90. 9	90, 9	90. 9	90. 9	91. 2	91. 2	91. 2	7 90. 8	90.
Hides, skins, and leather products ♀ do Footwear do do do do Leather do	107. 4	104.2	104. 3	103. 6	103. 1	103. 4	103. 5	103.0	102. 7	102. 5	102. 5	104. 5	104. 7	104.8	7 105. 4	105.
	108. 6	108.3	108. 4	108. 4	108. 4	108. 4	108. 2	108.2	108. 3	108. 2	108. 2	108. 3	108. 3	168.3	7 108. 3	108.
	106. 2	84.0	83. 5	80. 5	77. 3	80. 5	82. 7	76.3	76. 1	74. 0	75. 7	88. 1	85. 7	90.3	92. 6	96.
	108. 5	101.9	102. 2	100. 1	99. 5	99. 5	99. 7	99.5	99. 5	99. 7	99. 6	102. 0	104. 5	103.3	104. 7	104.
	96. 5	98.6	101. 6	102. 6	99. 9	99. 2	99. 2	99.1	99. 0	99. 9	101. 0	101. 8	101. 8	101.4	101. 2	100.
	96. 5	98.9	102. 1	102. 7	100. 7	99. 3	99. 3	99.2	99. 2	100. 3	101. 4	102. 0	102. 2	101.8	101. 5	101.
Machinery and motive prod. Q	102. 3 109. 5 107. 8 98. 4 100. 8	102.2 111.1 109.6 97.4 100.0	102. 1 110. 9 109. 7 97. 2 99. 8	102.1 110.9 110.0 97.2 99.5	102. 2 110. 9 110. 1 97. 2 99. 3	102. 3 111. 2 110. 4 97. 4 99. 9	102. 5 111. 4 110. 9 97. 5 99. 9	1	102. 5 112. 1 111. 8 96. 9 99. 8	102. 5 112. 5 111. 8 96. 9 99. 8	102. 7 112. 6 112. 0 97. 0 99. 9	102. 9 112. 7 112. 2 97. 7 99. 9	103. 3 112. 7 112. 3 97. 7 101. 2	163. 0 112. 7 112. 3 96. 5 101. 1	7 103. 1 7 112. 9 112. 3 96. 5 101. 2	103. 113. 112. 96. 100.
Metals and metal products Q do	100. 0	100 .1	100. 0	100, 1	100. 3	100. 9	101. 0	101, 3	101, 7	101.8	102. 0	102. 2	102. 1	102, 3	102. 5	102.
Heating equipment do	93. 2	92 .9	93. 3	93, 1	93. 1	93. 1	92. 8	92, 7	92, 0	91.8	92. 1	92. 1	92. 0	92, 4	r 92. 1	91.
Iron and steel do	99. 3	99 .1	99. 0	99, 0	99. 1	99. 9	99. 9	100, 0	100, 2	100.2	100. 2	100. 2	100. 3	100, 4	100. 7	101.
Nonferrous metals do	99. 2	99 .1	99. 0	99, 4	99. 6	99. 9	100. 2	101, 0	101, 4	101.7	102. 8	104. 0	103. 9	104, 0	104. 4	105.
Nonmetallic mineral products Q	101. 8	101.3	100. 9	101.0	101. 1	101.3	101. 2	101.3	101, 1	101. 2	101. 1	101. 3	101. 3	101. 4	101. 5	101.
	103. 5	103.6	103. 5	103.6	102. 4	103.4	103. 5	103.5	103, 5	103. 8	103. 9	104. 5	104. 5	104. 5	7 104. 4	104.
	102. 6	101.7	101. 2	101.2	101. 3	101.3	101. 4	101.4	101, 2	101. 0	100. 7	100. 6	100. 6	100. 8	100. 9	100.
	105. 0	105.4	105. 0	105.8	106. 1	106.1	106. 1	106.1	106, 1	108. 6	108. 6	108. 6	108. 6	108. 6	108. 6	108.
	100. 0	99.2	99. 0	99.1	99. 1	99.5	99. 4	99.4	99, 8	99. 9	99. 3	99. 1	98. 7	98. 7	98. 7	98.
	102. 6	102.4	102. 2	102.2	102. 2	102.8	102. 9	102.9	103, 1	103. 1	103. 5	103. 6	103. 7	103. 7	103. 7	103.
	93. 3	93.8	93. 0	93.7	93. 4	94.2	94. 2	93.8	93, 7	93. 6	93. 9	93. 1	92. 6	91. 6	91. 8	91.
	87. 1	90.1	89. 1	91.2	91. 7	91.7	91. 7	91.4	91, 3	91. 3	91. 3	89. 2	88. 0	88. 0	88. 0	88.
Textile products and apparel Q do— Apparel do— Cotton products do— Manmade fiber textile products do— Silk products do— Wool products do—	100. 6	100.5	100, 4	100. 4	100. 5	100. 7	101. 1	101. 2	101. 2	101. 2	101. 2	101. 1	101. 2	101. 0	101. 1	101.
	101. 5	101.9	102, 2	102. 2	102. 3	102. 5	102. 3	102. 3	102. 3	102. 3	102. 3	102. 3	102. 7	102. 8	7 103. 3	103.
	101. 7	100.3	99, 8	99. 7	99. 9	100. 2	101. 3	101. 5	101. 3	101. 2	101. 1	100. 5	99. 6	98. 7	7 98. 3	98.
	93. 9	93.9	93, 7	93. 9	94. 0	94. 2	94. 4	94. 6	94. 7	95. 1	95. 5	95. 5	96. 0	96. 2	7 96. 2	95.
	125. 9	139.9	134, 5	136. 6	130. 1	126. 1	130. 5	126. 3	121. 6	116. 8	116. 6	116. 4	116. 4	117. 0	117. 0	117.
	99. 1	100.9	100, 5	100. 6	100. 6	100. 6	101. 6	102. 8	103. 2	103. 3	103. 3	103. 2	102. 8	102. 8	102. 6	103.
Tobacco prod. and bottled beverages \(\text{\ do.} \) Beverages, alcoholic	104. 1	106 .1	107. 5	107. 5	107. 5	107. 5	107. 5	107. 5	107. 6	107.1	107. 1	107. 1	107. 3	107. 4	7 107. 3	107.
	101. 0	101 .0	101. 0	101. 0	101. 0	100. 9	100. 9	101. 0	101. 0	101.0	100. 7	100. 7	100. 7	100. 3	7 100. 3	100.
	101. 4	104 .1	105. 6	105. 6	105. 6	105. 6	105. 6	105. 6	105. 6	105.6	105. 6	105. 6	105. 6	105. 6	105. 6	105.
	107. 3	110 .4	110. 4	111. 1	111. 8	111. 2	110. 9	112. 2	112. 6	110.9	109. 8	109. 5	107. 2	106. 7	7 107. 5	107.
	100. 8	101 .0	101. 0	101. 2	101. 1	101. 1	101. 0	101. 1	100. 9	100.9	101. 1	7 100. 8	7 100. 8	100. 9	101. 0	101.
PURCHASING POWER OF THE DOLLAR As measured by—																

99.6 93.4

99.5 93.3

99.4 94.9

100.0 92.6

2 99. 7

r Revised. ¹ Figures are for the month of June. ² Indexes based on 1947-49=100 are as follows: Measured by—wholesale prices, 84.0 (Aug.); consumer prices, 75.2 (July).

Unless otherwise stated, statistics through 1962	1962	1963			19	963						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mon		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
		CON	STRU	JCTI	ON A	ND R	EAL	ESTA	ATE							
CONSTRUCTION PUT IN PLACE †																1
New construction (unadjusted), total†mil.\$	4, 954	5, 204	5, 780	5, 999					4, 579	4, 177	4,643	5, 098	5, 483	r 6, 185	r 6, 167	6, 210
Private, total ?do Residential (nonfarm) ? do New housing unitsdo Additions and alterationsdo	3, 475 2, 024 1, 553 (1)	3, 648 2, 154 1, 672 (1)	4, 034 2, 470 1, 919 (1)	4, 088 2, 446 1, 943 (1)					3, 258 1, 813 1, 451 (1)	3, 021 1, 626 1, 316 (1)	3, 325 1, 908 1, 477 (1)	3, 638 2, 188 1, 610 (1)	3, 895 2, 345 1, 703 (1)	r 4, 222 r 2, 573 r 1, 879	r 4, 253 r 2, 551 r 1, 975 (1)	4, 259 2, 517 1, 991 (1)
Nonresidential buildings, except farm and public utilities, total ?	960 246 413 199 107 360	988 247 433 189 106 374	1, 010 234 451 210 117 404	1, 066 243 483 228 120 423					1, 015 268 434 168 98 312	993 264 425 163 95 286	981 257 424 167 96 317	963 251 411 155 95 366	1, 017 254 442 175 99 404	1. 086 258 480 207 106 r 421	r 1, 130 r 269 r 497 r 220 115 r 418	1,154 284 497 220 118 435
Public, total do Nonresidential buildings do Military facilities do Highways do Other types do	1,480 429 102 532 418	1,557 460 (1) 556 430	1,746 482 131 652 481	1, 911 493 148 765 505					1, 321 435 (1) 397 392	1, 156 429 (1) 266 376	1,318 464 (1) 351 413	1,460 525 (1) 384 454	1, 588 517 (¹) 481 477	7 1, 963 7 597 (1) 710 7 534	7 1, 914 7 535 (1) 740 525	1, 951 547 (1) (1) (1)
New construction (seasonally adjusted at annual rates), totalmil. \$	259, 453		62, 265	63, 653	63, 530	64, 966	65, 072	65, 193	64,684	65, 528	66, 509	66, 615	64, 983	, 66, 576	66, 687	66, 025
Private, total (conform)	41, 695 24, 292	43,772 25,843	43, 693 25, 843	44, 305 25, 752	44, 633 25, 953	45, 365 26, 584	45, 488 27, 000	45, 778 26, 896	45, 440 26, 907	46, 274 27, 600	46, 923 28, 123	46, 449 27, 538	45, 780 26, 678	746, 006 726, 612	746, 217 726, 692	46, 231 26, 511
Residential (nonfarm)	11, 526 2, 949 4, 955 2, 385 1, 282 4, 318	11,859 2,962 5,200 2,268 1,266 4,494	11, 610 2, 896 5, 044 2, 195 1, 267 4, 619	12, 219 3, 005 5, 449 2, 471 1, 266 4, 704	12, 533 3, 049 5, 671 2, 611 1, 265 4, 540	12, 431 3, 085 5, 518 2, 477 1, 264 4, 772	12, 480 3, 136 5, 469 2, 335 1, 261 4, 473	12, 592 3, 158 5, 515 2, 333 1, 261 4, 753	12, 476 3, 060 5, 499 2, 330 1, 258 4, 547	12, 581 3, 058 5, 546 2, 300 1, 254 4, 547	12, 728 3, 074 5, 668 2, 351 1, 253 4, 518	12, 661 3, 076 5, 561 2, 293 1, 252 4, 660	12, 756 3, 149 5, 542 2, 252 1, 250 4, 746	12, 900 3, 204 5, 562 2, 268 1, 247 7 4, 832	r13, 063 r 3, 334 r 5, 574 r 2, 302 1, 242 r 4, 800	13, 271 3, 505 5, 609 2, 381 1, 237 4, 826
Public, total 9dodo	17,758	18,679	18, 572	19, 348	18, 897	19, 601	19, 584	19, 415	19, 244	19, 254	19, 586	20, 166	19, 203	20, 570	20, 470	19, 794
Nonresidential buildings do Military facilities do Highways do do	5, 145 1, 222 6, 378	5, 524 (1) 6, 670	5, 358 1, 489 6, 521	5, 444 1, 583 6, 973	5, 638 (1) 6, 600	5, 815 (1) 7, 145	5, 803 (1) 7, 254	6, 075 (1) 6, 713	5, 761 (1) 6, 685	6, 171 (1) 6, 169	5, 993 (1) 6, 796	6, 259 (1) 7, 068	6, 040 (1) 6, 410	7 6, 528 (1) 6, 888	7 5, 929 (1) 7, 549	6, 008 (1) (1)
CONSTRUCTION CONTRACTS																
Construction contracts in 48 States (F. W. Dodge Corp.):∆ Valuation, tota1	3, 442 3 120 1, 133 2, 309 1, 084	3, 824 133 1, 229 2, 594 1, 212	4, 125 126 1, 319 2, 805	4, 061 132 1, 318 2, 744 1, 322	3, 707 128 1, 154 2, 552 1, 154	4, 313 146 1, 321 2, 992 1, 331	3, 749 144 1, 157 2, 592 1, 082	3, 413 148 1, 155 2, 257 1, 102	3, 346 147 1, 198 2, 149 1, 158	3, 201 143 1, 041 2, 160	4, 215 140 1, 339 2, 876	4, 359 138 1, 318 3, 042 1, 420	4, 639 138 1, 535 3, 104	4, 504 138 1, 491 3, 013	4, 601 140 1, 619 2, 983	
Residential do	1,503 659 196	1, 716 683 212	1, 934 742 178	1, 883 675 182	1, 789 662 102	2, 028 748 206	1, 519 704 444	1, 325 629 356	1, 372 } 816	1,427 692	1, 991 972	2, 006 933	2, 050 1, 227	1, 996 1, 108	2,000 1,054	
New advance planning (ENR)\(\) do	1, 766 9, 483 477 6, 217 2, 789	2, 770 10, 053 482 6, 411 3, 160	2, 416 13, 661 973 7, 592 5, 097	2, 976 9, 399 184 5, 613 3, 603	2, 666 8, 142 254 4, 968 2, 920	3,600 13,033 189 8,139 4,706	4, 484 8, 164 199 5, 115 2, 850	2, 656 10, 389 176 8, 177 2, 037	6, 577 10,891 256 48, 464 4 2,095 4 76	3, 986 6, 820 225 5, 159 1, 197 240	2, 664 9, 057 836 6, 956 1, 046 219	3, 165 12, 997 611 9, 861 2, 402 124	3, 190 10, 831 240 7, 714 2, 716 161	3, 143 9, 463 270 6, 474 2, 481 238	4, 823 13, 354 1, 395 8, 981 2, 747 231	3, 506 7, 246 388 4, 840 1, 660 357
HOUSING STARTS AND PERMITS														İ		
New housing units started: Unadjusted: Total, incl. farm (public and private)thous_ One-family structuresdo Privately owneddo	124. 4 83. 0 121. 9	r 85. 1	ar153.5 ar 99.1 ar151.3	7 97. 9	7 148. 4 7 94. 0 7 146. 4	7 167. 5 7 104. 3 7 164. 5	7 122.3 7 72.4 7 120.5	r 97. 4 r 50. 9 r 95. 7	100. 8 55. 3 99. 6	101. 1 63. 7 100. 3	133. 3 82. 2 130. 1	90.7	7 160. 5 7 101. 4 7 157. 5	7 164. 0 101. 8 7 158. 5	r 143. 3	141. 0 139. 0
Total nonfarm (public and private)do In metropolitan areasdo Privately owneddo	122. 4 87. 7 119. 9	r 95.8	a r151. 9 a r106. 2 a r149. 7	7 147. 5 7 101. 1 7 143. 9	7 145. 2 7 104. 1 7 143. 2	r 164. 2 r 117. 3 r 161. 2	7 119. 7 7 84. 6 7 117. 9	7 95. 1 7 76. 8 7 93. 4	99. 5 5 75. 0 98. 3	98. 5 73. 8 97. 7	131, 5 96, 6 128, 3	149. 5 102. 5 145. 7	7 158. 2 7 115. 1 7 155. 2	7 161. 3 116. 4 7 155. 8	7 141. 1 103. 7 7 138. 8	138. 4
Seasonally adjusted at annual rates: Total, including farm (private only)do Total nonfarm (private only)do			a 1, 599 a 1, 584	r 1, 475 r 1, 454	7 1, 747 7 1, 712	7 1, 864 7 1, 824	r 1, 577 r 1, 544	† 1, 570 † 1, 524	1, 718 1, 688	1, 657 1, 613	1, 663 1, 638	1,531 1,501	r 1, 529 r 1, 507	7 1, 611 7 1, 585	r 1, 488 r 1, 466	1, 402 1, 380
New private housing units authorized by bldg, permits (12,000 permit-issuing places):* Seasonally adjusted at annual rates: Total	² 1, 229 ² 756	² 1, 335 ² 750	ar1, 320 ar 739	r 1, 286 r 738	† 1, 371 † 764	7 1, 401 7 751	r 1, 359 r 738	7 1, 402 7 715	r 1, 333 r 742	, 1, 404	r 1, 377 r 767	7 1, 280 7 700	71,271 7714	r 1, 306 r 720	r 1, 246 r 667	1, 282 709
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite	756 832 836 720 741	780 857 858 761 760	782 856 851 770 754	786 862 867 774 762	788 862 869 775 762	790 863 872 778 765	791 863 872 778 774	792 863 874 778 776	792 863 884 778 779	793 870 884 780 779	793 870 884 780 779	794 870 884 780 777	798 872 884 780 786	800 872 884 794 786	806 872 893 799 786	

r Revised.

1 Not yet available; estimate included in total.

2 Annual total (also for breakdown of new construction value).

3 Computed from cumulative valuation total.

4 Prior to 1964, "miscellaneous" yardage was included with data for roads and streets.

5 Effective Jan. 1964, based on 1963 definitions of metropolitan areas; not strictly comparable with earlier data.

4 Revised series. Revised annual totals back to 1946 appear in Construction Report C30-60; revised monthly data back to 1946 will be shown in a Supplement to be issued later by the Bu, of the Census.

9 Includes data not shown separately.

Amonthly averages for 1962 are based on annual totals including revisions not distributed by months.

^{\$} Data for Aug. and Oct. 1963 and Jan., Apr., and July 1964 are for 5 weeks; other months, weeks. Comparable data prior to 1961 not available.

\$\text{O}\$ Data for July, Oct., and Dec. 1963 and Mar. and June 1964 are for 5 weeks; other months, weeks.

*New series (from Bu. of Census reports, Series C-20). The 12,000 permit-issuing places covered by these data account for a major portion (about 83 percent) of private residential building in the United States (1959-63 data for 10,000 places are also provided in Series C-20 reports).

**The vised to 1957-59 reference base: also reflects revision of basic data.

**Revisions for Jan.—June 1963 are available upon request.

Unless otherwise stated, statistics through 1962	1962	1963			19	63	1					19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		ithly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
	CON	STRU	J CTI (ON A	ND R	EAL	ESTA	TE-	Cont	inued						
CONSTRUCTION COST INDEXES—Con.]								
E. H. Boeckh and Associates, Inc.:¶ Average, 20 cities: All types combined	107. 8 108. 8 107. 8 106. 3	110. 2 111. 3 110. 2 108. 5	110. 7 111. 8 110. 7 108. 8	110.8 112.0 110.8 109.1	111. 2 112. 3 111. 2 109. 6	111.3 112.4 111.2 109.7	111. 4 112. 5 111. 4 109. 8	111. 5 112. 6 111. 5 109. 9	111. 9 113. 0 111. 9 110. 2	111. 9 113. 1 111. 9 110. 3	111. 9 113. 1 111. 9 110. 3	112.3 113.4 112.3 110.7	112.9 114.1 112.9 111.1	113. 6 7 114. 9 113. 6 111. 8	114.1 115.3 114.1 112.2	
Engineering News-Record: Building	110. 1 114. 7 298. 6	112. 7 118. 6	113. 1 119. 6	114. 2 120. 3	114. 2 120. 3 101. 7	114. 6 120. 6	114. 3 120. 3	114. 4 120. 4 103. 4	114.6 120.8	114. 6 121. 1	115. 0 121. 4 102. 2	115.3 121.9	115, 6 122, 3	116. 2 123. 1 99. 3	116.6 124.3	1 116. 9 1 124. 7
CONSTRUCTION MATERIALS																
Output index: Composite, unadjusted 91947-49=100_ Seasonally adjusted 9do	134. 5	142.9	151. 1 156. 9	161.7 147.0	152. 4 146. 2	163.8 144.7	135.8 142.4	122.2 142.3	127. 2 136. 3	129. 8 147. 9	149. 8 156. 0	158.8 155.9	7 158. 5 7 147. 6	164. 9 153. 9		
Iron and steel products, unadjusted do Lumber and wood products, unadjdo Portland cement, unadjusted do	131. 6 134. 6 167. 6	140.7 140.5 176.1	162. 1 128. 6 220. 1	165. 8 149. 2 224. 0	147. 2 147. 4 207. 5	154. 9 160. 7 219. 1	126.0 137.6 181.7	113.3 130.2 143.5	118. 4 142. 6 113.2	122, 7 141, 9 118, 0	151.1 158.0 147.7	168. 7 158. 0 176. 4	164, 4 r 154, 5 205, 9	174, 8 155, 6 216, 5		
REAL ESTATE																
Mortgage applications for new home construction: Applications for FHA commitments thous, units Seasonally adjusted annual ratedo Requests for VA appraisalsdo Seasonally adjusted annual ratedo	18. 4	15. 8 11. 6	17. 1 182 11. 9 122	16. 4 172 13. 3 133	14. 8 173 11. 3 140	15. 0 176 11. 2 140	11. 4 190 8. 3 145	10. 3 183 9. 1 159	11. 5 178 9. 1 138	14, 4 193 9, 4 135	19.0 190 11.3 124	18. 7 190 11. 1 111	15. 8 173 9. 5 99	17. 9 177 10. 8 103	15. 2 162 10. 7 109	15. 8 176 8. 3 88
Home mortgages insured or guaranteed by— Fed. Hous. Adm.: Face amount	439. 24 221. 01 8 3, 479	464. 09 253. 76 8 4, 784	511, 16 265, 14 3, 548	507. 76 278. 14 3, 758	505.00 267.35 4,024	567. 53 316. 01 4, 226	444. 50 258. 21 4, 290	486. 68 255. 35 4, 784	543, 00 267, 77 4, 414	439.85 201.31 4, 216	483. 39 208. 70 4,168	483. 67 206. 20 4, 444	456, 89 192, 02 4, 395	570. 30 232. 60 4, 769	616. 55 251. 51 4, 763	604. 77 4, 781
New mortgage loans of all savings and loan associations, estimated total mil. \$. By purpose of loan: do. Home construction do. Home purphase do. All other purposes do.	1,730 498 710 521	2, 061 586 827 648	2,341 619 1,003 719	2, 428 623 1, 071 734	2,196 642 928 626	2, 387 685 977 725	1, 856 502 757 597	2, 118 620 776 722	1, 716 434 696 586	1, 712 474 674 564	2, 071 621 784 666	2, 081 579 831 671	2, 145 597 881 667	r 2, 394 r 624 r 1, 054 r 716	2, 353 630 1, 038 685	
New nonfarm mortgages recorded (\$20,006 and under), estimated total	2, 849 7, 204	3, 077 8, 183	3, 515 8, 347	3, 525 8, 463	3, 177 7, 898	3, 534 8, 461	2, 880 7, 959	2, 987 7, 931	2, 758 8, 530	2, 575 8, 097	2, 935 8, 711	3, 089				
Fire losses (on bldgs., contents, etc.)mil. \$	105. 42	117. 13	100.93	113. 73	98.35	109. 52	94. 91	113. 12	139. 33	118. 85	126. 45	124. 93	105.98	108. 56	108. 08	
]	DOM	ESTI	C TR	ADE									
### ADVERTISING Printers' Ink advertising index, seas. adi.: Combined index	113 108 119	118 112 127	120 114 132	119 109 127	124 115 131	119 113 127	114 113 131	124 117 134	120 112 126	123 108 128	123 113 133	125 108 128	123 108 137	128 121 138		
Newspapers do Outdoor do Radlo (network) do Television (network) do	102 88 75 118	96 88 95 144	98 88 102 143	97 81 118 147	103 79 106 151	95 101 101 142	90 83 86 125	106 85 106 146	102 72 78 151	103 87 84 160	99 91 83 158	107 104 76 160	100 86 87 157	103 86 82 159		
Television advertising: Network (major national networks): Gross time costs, total	² 199.7 ² 13.1 ² 63.3 ² 39.5	² 208. 2 ² 14. 6 ² 69. 6 ² 39. 9			200. 8 13. 3 67. 9 39. 1			220. 8 16. 3 72. 3 43. 0			224. 1 15. 2 74. 5 45. 3			222. 2 14. 6 69, 1 43. 7		
Soaps, cleansers, etc	² 20. 9 ² 22. 2 ³ 40. 8	² 21. 9 ² 23. 9 ² 38. 4			22, 6 24, 2 33, 8			21. 6 25. 0 42. 6						24. 5 24. 5 45. 8		
Gross time costs, total mil. \$ Automotive, incl. accessories do Drugs and tolletries do Foods, soft drinks, confectionery do	² 180. 3 ² 5. 9 ² 36. 1 ² 60. 4	² 217. 8 ² 8. 1 ² 42. 8 ² 73. 0			34.9			242. 9 8. 4 48. 7 82. 3								
Soaps, cleansers, etcdo Smoking materialsdo All otherdo	² 21.1 ² 7.4 ² 49.4	² 22, 9 ² 9, 7 ² 61, 2			8.6			20. 3 10. 1 73. 1								
Magazine advertising (general and nati. farm magazines):																}
Cost, total mil. \$	73. 0 4. 6 7. 9 2. 3 7. 1 10. 6	77. 6 4. 8 8. 5 2. 2 8. 0 10. 4	57. 0 .9 4. 7 1. 5 7. 1 9. 0	54. 5 5. 1 3. 8 1. 4 6. 4 7. 8	82. 1 9. 1 6. 1 3. 0 8. 0 8. 9	99. 6 7. 0 14. 8 2. 2 9. 9 12. 4	103. 2 5. 7 12. 7 1. 8 10. 8 13. 6	77. 2 3. 9 5. 9 1. 5 9. 9 11. 0	54. 0 2. 0 7. 0 . 9 6. 2 9. 0	73. 0 3. 3 9. 1 1. 8 8. 0 10. 9	86. 7 6. 7 9. 8 2. 3 9. 1 12. 8	93.3 7.5 10.6 3.5 8.6 11.8	102. 7 6. 3 11. 5 3. 6 9. 8 12. 9	83. 5 2. 2 8. 9 3. 0 9. 5 11. 6	60. 5 . 6 6. 3 2. 0 7. 7 10. 2	
Beer, wine, liquors do Household equip., supplies, furnishings do Industrial materials. do Soaps, cleansers, etc. do Smoking materials do All other. do	4. 5 4. 9 3. 7 . 8 2. 8 23, 8	4. 7 5. 5 3. 7 1. 0 3. 0 25. 8	4. 2 4. 2 3. 0 . 7 2. 8 19. 0	2.9 2.8 3.0 .7 2.7 17.9	4. 2 5. 8 4. 5 1. 0 3. 0 28. 4	5. 5 8. 4 5. 1 1. 4 3. 3 29. 6	6. 9 7. 7 5. 5 1. 4 3. 9 33. 2	8.8 4.4 2.8 .4 3.8 24.8	1. 7 2. 7 1. 8 . 7 2. 4 19. 7	3. 3 3. 6 3. 1 . 9 3. 1 26. 0	4. 2 5. 6 3. 4 1. 0 2. 8 28. 9	4.5 7.1 4.9 2.1 2.7 30.0	5. 2 9. 6 5. 4 1. 9 3. 2 33. 2	4.8 7.7 4.6 1.2 3.7	3. 7 4. 3 3. 2 . 8 3. 2	

r Revised.

¹ Index as of Sept. 1, 1964: Building, 117.1; construction, 124.7.

² Annual average based on quarterly data.

³ End of year.

¶Copyrighted data; see last paragraph of headnote, p. S-1.

Q Includes data for items not shown separately. § Data include guaranteed direct loans sold; these became sizable after 1962. ‡Revisions for Jan. and Feb. 1963 are available upon request.

Unless otherwise stated, statistics through 1962	1962	1963			19	963						196	34			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		athly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
·]	DOM	ESTIC	C TRA	ADE-	-Cont	inued	1							
ADVERTISING—Continued																
Newspaper advertising linage (52 cities): Total	233. 2 60. 5	238. 0 62. 5	212. 5 63. 6	231. 1 66. 8	246. 7 65. 0	267. 7 65. 9	258. 4 61. 8	260. 6 53. 8	210. 6 59. 8	210. 4 60. 9	248. 0 66. 3	265, 1 68, 6	275. 9 74. 8	247. 0 68. 4	226. 5 66. 9	
Display, total. do. Autometive. do. Financial. do. General. do. Retail. do.	172. 7 12. 4 4. 8 25. 1 130. 3	175. 6 12. 5 4. 9 23. 8 134. 3	148. 9 11. 6 5. 5 19. 2 112. 6	164. 3 11. 2 3. 7 18. 7 130. 7	181. 7 12. 7 4. 7 26. 2 138. 1	201. 8 16. 0 5. 5 28. 9 151. 4	196. 6 13. 0 4. 7 25. 8 153. 1	206. 7 8. 7 5. 3 24. 0 168. 8	150. 8 10. 6 6. 8 18. 2 115. 2	149. 5 12. 1 4. 2 20. 8 112. 3	181. 7 12. 7 5. 4 25. 4 138. 2	196. 5 15. 7 5. 6 28. 8 146. 4	201. 1 17. 1 4. 8 29. 2 150. 0	178. 6 16. 2 5. 2 25. 9 131. 3	159. 6 12. 8 5. 8 19. 6 121. 4	
RETAIL TRADE																
All retail stores: Estimated sales (unadj.), totalmil. \$	19,613	20, 536	20, 540	21,018	19, 267	21,528	21, 494	25, 104	19, 154	18,758	20, 502	21, 186	22, 508	r 22,242	r 22,172	121, 593
Durable goods stores \(\text{\text{\$\graphi\$}} \) do Automotive group do Passenger car, other auto. dealers do Tire, battery, accessory dealers do	6,245 3,566 3,344 222	6,675 3,830 3,600 230	6, 976 4, 003 3, 746 257	6, 556 3, 529 3, 288 241	5, 999 2, 990 2, 779 211	7, 599 4, 387 4, 148 239	6, 985 3, 949 3, 712 237	7, 208 3, 690 3, 377 313	6, 031 3, 677 3, 488 189	6, 122 3, 684 3, 505 179	6, 741 4, 058 3, 847 211	7, 360 4, 453 4, 215 238	7, 693 4, 551 4, 289 262	7,719 4,387 4,110 277	7,417 4,162 3,896 266	1 6, 867 1 3, 792
Furniture and appliance groupdo Furniture, homefurnishings storesdo Household appliance, TV, radiodo	9 01 583 318	968 622 346	965 608 357	992 651 341	980 647 333	1, 095 7 19 376	1, 077 703 374	1, 333 790 543	905 584 321	920 600 320	973 638 335	1, 004 663 341	1, 043 685 358	1,112 735 7377	r 1, 098 702 396	1 1, 074
Lumber, building, hardware groupdo Lumber, bidg. materials dealers.do Hardware storesdo	947 728 2 19	964 743 221	1, 100 876 224	1, 138 911 227	1, 055 842 213	1, 119 897 222	1, 002 771 231	918 610 308	712 536 176	709 542 167	798 616 182	938 721 217	1, 047 801 246	r 1, 129 r 879 r 250	1, 113 874 239	
Nondurable goods stores 9	13, 367 1, 195 228 456 301 209	13, 861 1, 205 232 466 300 207	13, 564 1, 010 200 390 241 179	14, 462 1, 167 209 446 300 212	13, 268 1, 161 203 448 296 214	13,929 1, 191 218 472 304 197	14, 509 1, 308 254 509 343 202	17, 896 2, 172 471 834 572 295	13, 123 1, 026 208 407 234 177	12,636 927 176 375 220 156	13, 761 1, 283 206 502 309 266	13, 826 1, 140 204 463 262 211	14,815 1, 282 240 506 303 233	r 14,523 r 1, 238 254 r 465 r 302 r 217	r 14,755 r 1, 121 216 433 275 197	114,726
Drug and proprietary stores. do Eating and drinking places do Food group do Grocery stores do Gasoline service stations do	669 1, 442 4, 801 4, 344 1, 554	681 1,506 4,929 4,463 1,614	660 1, 646 5, 003 4, 502 1, 712	680 1, 698 5, 318 4, 828 1, 730	647 1, 526 4, 684 4, 238 1, 599	667 1, 556 4, 910 4, 449 1, 649	666 1, 486 5, 153 4, 689 1, 625	906 1, 533 5, 194 4, 679 1, 713	671 1, 436 5, 018 4, 558 1, 566	656 1, 386 4, 849 4, 395 1, 480	680 1, 485 4, 891 4, 406 1, 585	665 1, 547 4, 898 4, 414 1, 617	713 1, 650 5, 248 4, 739 1, 708	7705 71,711 75,114 74,613 71,754	705 71,810 75,455 74,949 71,836	1 711 1 1, 832 1 5, 229 1 4, 731 1 1, 805
General merchandise group Q do. Department stores do. Mail order houses (dept. store mdse.) do. Varlety stores do. Liquor stores do.	2, 267 1, 320 163 371 450	2, 388 1, 390 177 385 472	2, 108 1, 212 148 341 474	2, 444 1, 408 183 390 489	2, 275 1, 340 172 354 437	2, 417 1, 404 197 378 466	2, 728 1, 590 248 414 510	4, 399 2, 625 307 793 724	1, 872 1, 094 140 289 433	1, 875 1, 069 146 313 427	2, 303 1, 336 178 389 434	2,310 1,366 179 361 446	2, 479 1, 463 173 399 485	7 2, 491 7 1, 481 170 7 395 472	7 2, 381 7 1, 392 158 396 500	1 2, 626 1 1, 523
Estimated sales (seas. adj.), total;do			20,719	20, 666	20, 426	20,716	20, 558	21,019	21,000	21,533	21, 223	21,392	21,777	⁷ 21,773		122, 115
Durable goods stores Q			6, 773 3, 940 3, 709 231	6, 562 3, 733 3, 512 221	6, 606 3, 717 3, 495 222	6, 941 3, 980 3, 748 232	6, 734 3, 791 3, 556 235	6, 831 3, 935 3, 685 250	6, 855 3, 951 3, 711 240	7, 262 4, 162 3, 925 237	6, 939 3, 894 3, 646 248	7, 010 4, 026 3, 788 238	7, 218 4, 126 3, 880 246	7,002 73,885 73,645 7240	77,076 3,992 3,755 237	1 7, 191
Furniture and appliance groupdo Furniture, homefurnishings storesdo Household appliance, TV, radiodo			979 613 366	939 611 328	985 648 33 7	1, 028 666 362	986 640 346	1, 021 637 384	1, 019 671 348	1, 073 707 366	1,088 711 377	1,095 701 394	1, 080 699 381	1, 108 7 735 7 373	1,106 702 404	
Lumber, building, hardware groupdo Lumber, bldg. materials dealers♂do Hardware storesdo			958 746 212	992 771 221	975 761 214	986 764 222	994 754 240	952 716 2 3 6	949 730 219	1, 007 779 228	936 727 209	912 707 205	974 754 220	7 992 7 765 7 227	958 734 224	
Nondurable goods stores \(\text{Q} \) do. Apparel group do. Men's and boys' wear stores do. Women's apparel, accessory stores do. Family and other apparel stores do. Shoe stores do.			13, 946 1, 214 239 475 298 202	14, 104 1, 259 247 480 323 209	13, 820 1, 204 238 465 303 198	13,775 1, 150 217 451 286 196	13, 824 1, 186 224 463 294 205	14, 188 1, 250 239 482 307 222	14, 145 1, 250 231 497 302 220	14,271 1, 291 246 505 326 214	14, 284 1, 228 233 477 292 226	14, 382 1, 272 241 504 308 219	14,559 1, 295 250 502 320 223	r 14,771 r 1, 322 244 r 522 r 338 r 218	7 14,888 1,319 252 516 333 218	114, 924
Drug and proprletary stores. do Eating and drinking places. do Food group do Grocery stores. do Gasoline service stations do			674 1, 497 5, 030 4, 540 1, 602	685 1, 519 4, 996 4, 527 1, 612	688 1, 470 4, 897 4, 441 1, 605	683 1, 530 4, 943 4, 484 1, 618	677 1, 506 4, 973 4, 512 1, 638	694 1, 528 4, 991 4, 523 1, 681	694 1, 580 5, 031 4, 548 1, 638	666 1,593 4,991 4,513 1,641	702 1, 584 5, 112 4, 605 1, 629	689 1,599 5,064 4,574 1,674	713 1, 589 5, 034 4, 540 1, 670	721 71,623 55,202 74,704 71,683	725 1, 655 5, 234 4, 749 1, 716	
General merchandise group Q do. Department stores do. Mall order houses (dept. store mdse.) do. Variety stores do. Liquor stores do.			2, 415 1, 403 185 385 481	2, 475 1, 452 189 387 476	2, 390 1, 386 181 386 466	2, 303 1, 321 173 390 478	2, 355 1, 355 183 381 473	2, 474 1, 457 184 397 483	2, 481 1, 464 181 410 471	2, 592 1, 538 197 408 482	2, 489 1, 467 188 404 491	2, 514 1, 467 192 421 486	2, 589 1, 543 190 420 495	7 2, 620 7 1, 533 200 7 427 503	2, 689 1, 590 192 441 495	
Estimated inventories, end of year or month:† Book value (unadjusted), total	27, 071 11, 472 4, 778 1, 861 2, 264	r 28,500 r 12,255 r 5,353 r 1,975 r 2,316	r 28,350 r 12,148 r 5, 250 r 1, 908 r 2, 372	r 28,024 r 11,461 r 4,419 r 1,966 r 2,370	7 4, 253 7 1, 992	7 29,696 7 11,844 7 4,660 7 2,066 7 2,344	7 30,606 7 12,399 7 5,036 7 2,106 7 2,361	r 28,500 r 12,255 r 5,353 r 1,975 r 2,316	7 28,595 7 12,570 7 5,659 7 1,939 7 2,296	r 29,327 r 12,953 r 5,961 r 1,955 r 2,317	r 30,200 r 13,384 r 6, 159 r 2, 023 r 2, 416	7 30,566 7 13,508 7 6,157 7 2,055 7 2,447	7 30,352 7 13,481 7 6,085 7 2,064 7 2,452	r 30,118 r 13,380 r 6,027 r 2,040 r 2,452	29, 782 13, 074 5, 815 2, 039 2, 396	
Nondurable goods stores 9	15, 599 3, 405 3, 395 4, 495 2, 266	7 16,245 7 3, 380 7 3, 554 7 4, 767 7 2, 512	7 16,202 7 3, 342 7 3, 551 7 4, 852 7 2, 482	⁷ 16,563 ⁷ 3,564 ⁷ 3,491 ⁷ 5,051 ⁷ 2,596	r 17,120 r 3, 785 r 3, 536 r 5, 359 r 2, 792	7 17,852 7 3, 925 7 3, 667 7 5, 743 7 3, 051	7 18,207 7 3, 955 7 3, 707 7 5, 879 7 3, 143	7 16,245 7 3, 380 7 3, 554 7 4, 767 7 2, 512	r 16,025 r 3, 354 r 3, 553 r 4, 623 r 2, 400	7 16,374 7 3, 514 7 3, 642 7 4, 699 7 2, 446	7 16,816 7 3, 611 7 3, 698 7 4, 896 7 2, 556	7 17,058 7 3,655 7 3,691 7 5,035 7 2,613	7 16,871 7 3, 570 7 3, 673 7 4, 978 7 2, 608	7 16,738 7 3, 499 7 3, 664 7 4, 931 7 2, 555	16, 708 3, 471 3, 619 5, 040 2, 616	
Book value (seas. adj.), total	4, 861 1, 899 2, 349	5, 435 2, 013 2, 402	7 28,648 7 11,981 7 5,038 7 1,931 7 2,349	7 1, 970 7 2, 375	r 12,032	7 5, 149 7 1, 990 7 2, 372	7 5, 301 7 2, 006 7 2, 399		7 12,666 7 5, 494 7 2, 011 7 2, 379				r 29,926 r 13,024 r 5,624 r 2,066 r 2,371		30, 061 12, 887 5, 586 2, 068 2, 375	n.l. 1062

Revised. Advance estimate. 9 Includes data not shown separately. & Comprises lumber yards, building materials dealers, and paint, plumbing, and electrical stores. Revised (back to Jan. 1953) to reflect use of new seasonal factors and new adjustments for trading day differences. Revisions for periods not shown here appear in the July 1963 Census report, "Monthly Retail Trade Report, Adjusted Sales, Supplement."

tRevised series. Revised to take account of benchmark data from the 1962 and 1963 Annual Surveys of Retail Trade: revisions through 1962 appear on pp. 16-19 of the Dec. 1963 Survey and those for Jan.-June 1963 on p. 28 of this issue of the Survey. *New series; for earlier periods back to Dec. 1956 see p. 32 of the Apr. 1964 Survey.

Unless otherwise stated, statistics through 1962	1962	1963			19	963						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly crage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
		I	OOMI	ESTIC	TRA	ADE-	-Cont	inued	1							·
RETAIL TRADE—Continued																
All retail stores—Continued Estimated inventories, end of year or months— Continued Book value (seas. adj.)—Continued Nondurable goods stores \(\rho_{\text{init}} \) mil. \(\frac{\text{s}}{\text{do}} \) Apparel group \(\frac{\text{do}}{\text{do}} \) Food group \(\frac{\text{do}}{\text{do}} \) General merchandise group \(\frac{\text{do}}{\text{do}} \)	16, 210 3, 569 3, 405 4, 897	r 16, 874 r 3, 539 r 3, 568 r 5, 186	716, 667 73, 555 73, 609 75, 006	716, 639 73, 536 73, 551 75, 023	716, 720 73, 551 73, 619 75, 074	716, 805 73, 581 73, 578 75, 147	r 16, 913 r 3, 605 r 3, 585 r 5, 219	716, 874 73, 539 73, 568 75, 186	716, 942 73, 646 73, 659 75, 101	716, 878 73, 657 73, 683 74, 959	716, 748 73, 593 73, 680 74, 923	716, 916 73, 630 73, 665 74, 999	716, 902 73, 610 73, 651 74, 996	717, 101 3, 672 3, 664 75, 102	17, 174 3, 681 3, 670 5, 222	
Department stores*do	2, 466	7 2, 730	, 2, 607	7 2, 609	7 2, 639	2, 695	7 2, 747	r 2, 730	7 2, 679	7 2, 622	r 2, 564	, 2, 557	7 2, 600	2,670	2, 751	
Firms with 4 or more stores: Estimated sales (unadjusted), totaldo Firms with 11 or more stores: Estimated sales (unadj.), total 9do	5, 472 4, 631	5, 813 4, 857	5, 518 4, 601	6, 094 5, 107	5, 546 4, 611	5, 947 4, 915	6, 411 5, 364	8, 2 3 9 6, 943	5, 328 4, 478	5, 143 4, 330	5, 773 4, 859	5, 819 4, 858	6, 253 5, 233	7 6, 109 5, 107	6, 146 5, 180	
Apparel group 9	307 29 124 90	316 30 134 88	263 25 115 71	310 25 138 84	309 25 128 93	311 30 131 83	348 34 152 83	567 60 246 133	247 26 97 73	228 22 95 66	365 29 147 119	304 26 132 86	350 33 148 100	335 32 144 94	292 26 125 82	
Drug and proprietary storesdo Eating and drinking placesdo Furniture, homefurnishings storesdo	137 100 40	144 104 42	138 111 38	143 115 44	135 107 41	138 109 51	143 105 52	226 107 51	140 102 32	138 100 39	148 111 45	141 111 44	152 120 47	152 131 46	153 134 44	
General merchandise group 9	1, 464 901 284 1, 920 62 90	1,585 985 295 1,974 63 91	1,415 879 263 1,915 75 102	1,641 1,015 301 2,137 76 94	1.526 961 272 1.825 71 83	1, 615 1, 000 292 1, 965 75 93	1,843 1,137 321 2,140 64 94	2,995 1,850 611 2,081 50 132	1, 262 790 216 2, 086 46 75	1, 246 763 238 1, 982 47 72	1, 564 968 304 1, 970 52 82	1, 592 1, 002 281 1, 975 61 96	1, 696 1, 074 306 2, 125 69 106	1, 698 1, 075 304 1, 981 79 115	1, 605 1, 003 299 2, 169 81 108	
Estimated sales (seas. adj.), total@fdo Apparel group @dodo			4, 914 324 33 141 82	4, 983 341 33 147 90	4, 871 316 31 132 87	4,809 298 29 125 84	4, 922 310 27 135 83	5, 043 326 29 137 92	5, 089 336 31 139 94	5, 111 337 33 140 90	5, 126 326 29 136 98	5, 105 343 31 151 91	5, 165 348 34 146 95	5, 240 349 32 153 91	5, 322 351 33 149 96	
Drug and proprietary stores do Eating and drinking places do Furniture, homefurnishings stores do	!	.	145 105 40	150 107 44	147 105 42	146 107 46	144 105 44	147 106 42	152 111 41	148 110 47	157 112 46	147 112 46	157 115 45	156 127 46	161 126 46	
General merchandise group \(\) do. Dept. stores, excl. mail order sales			1,604 995 295 1,992 64 92	1, 646 1, 035 294 2, 007 63 88	1,605 1,000 297 1,970 63 89	1,523 932 298 1,993 64 91	1,600 993 296 2,015 63 92	1. 674 1, 050 305 2, 017 61 99	1, 698 1, 057 318 2, 041 63 99	1, 743 1, 090 318 2, 018 67 98	1, 721 1, 075 319 2, 055 62 96	1, 718 1, 049 329 2, 030 61 96	1, 768 1, 110 320 1, 999 64 99	1,759 1,087 324 2,066 67 100	1, 791 1, 124 329 2, 095 67 96	
All retail stores, accounts receivable, end of mo.: Total	114,299 6,241 8,058 7,441 6,858	115, 484 6, 626 8, 858 7, 826 7, 658	13, 781 6, 457 7, 324 7, 157 6, 624	14, 016 6, 559 7, 457 7, 264 6, 752	13, 990 6, 532 7, 458 7, 178 6, 812	14, 269 6, 588 7, 681 7, 381 6, 888	14, 361 6, 456 7, 905 7, 381 6, 980	15, 484 6, 626 8, 858 7, 826 7, 658	14, 628 6, 259 8, 369 7, 409 7, 219	14, 123 6, 083 8, 040 7, 126 6, 997	14, 335 6, 131 8, 204 7, 221 7, 114	14,638 6, 218 8, 420 7, 431 7, 207	15,197 6, 491 8, 706 7, 718 7, 479	715, 140 76, 647 78, 493 77, 594 77, 546	15, 500 6, 785 8, 715 7, 611 7, 889	
Department stores: Ratio of collections to accounts receivable: Charge accountspercent. Installment accountsdo. Sales by type of payment: Cash salespercent of total sales. Charge account salesdo. Installment salesdo.	48 17 43 40 17	49 17 43 39 18	49 17 43 39 18	50 17 44 39 17	48 17 42 40 18	50 18 41 41 18	50 17 43 39 18	49 18 45 38 17	49 17 43 37 20	48 16 42 39 19	50 18 43 39 18	48 18 42 40 18	48 17 43 40 17	51 18 44 38 18	45 37	
		EN	PLO	YME	NT A	ND P	o P UI	LATI(' ON			<u> </u>	·		'	
POPULATION Population, U.S. (incl. Alaska and Hawaii): Total, incl. armed forces overseas Omil	³ 186,66	2189. 38	189. 38	189. 62	189. 89	190. 14	190. 39	190. 61	190. 81	191. 01	191. 23	191. 44	191. 64	191. 85	192.07	192. 31
EMPLOYMENT Noninstitutional population, est. number 14 years of age and over, total, unadjmil	130.08	132. 12	132, 20	132, 34	132. 50	, 132. 68	132. 85	133. 02	133. 20	133. 36	133. 52	133. 68	133. 87	134.04	134. 22	134. 40
Total labor force, incl. armed forcesthous Civilian labor force, totaldo Employed, totaldo Agricultural employmentdo Nonagricultural employmentdo	74, 681 71, 854 67, 846 5, 190 62, 657	75, 712 72, 975 68, 809 4, 946 63, 863	77, 917 75, 173 70, 851 5, 969 64, 882	77, 167 74, 418 70, 561 5, 496 65, 065	75, 811 73, 062 69, 546 5, 326 64, 220	76, 086 73, 344 69, 891 5, 350 64, 541	76, 000 73, 261 69, 325 4, 777 64, 548	75, 201 72, 461 68, 615 4, 039 64, 576	74, 514 71, 793 67, 228 3, 993 63, 234	75, 259 72, 527 68, 002 3, 931 64, 071	75, 553 72, 810 68, 517 4, 017 64, 500	76, 544 73, 799 69, 877 4, 429 65, 448	77, 490 74, 742 71, 101 5, 007 66, 094	79, 389 76, 645 71, 953 5, 853 66, 100	78, 958 76, 218 72, 405 5, 819 66, 586	78, 509 75, 758 72, 104 5, 400 66, 704
Unemployed (all civilian workers)do Long-term (15 weeks and over)do Percent of civilian labor force Not in labor forcethous.	4, 007 1, 119 5. 6 55, 400	4, 166 1, 088 5. 7 56, 412	4, 322 933 5. 7 54, 279	3, 857 949 5, 2 55, 178	3, 516 886 4, 8 56, 686	3, 453 919 4. 7 56, 596	3, 936 864 5, 4 56, 852	3, 846 928 5, 3 57, 824	4, 565 1, 106 6. 4 58, 685	4, 524 1, 163 6, 2 58, 099	4, 293 1, 322 5, 9 57, 965	3, 921 1, 237 5. 3 57, 135	3, 640 1, 084 4. 9 56, 376	4, 692 1, 007 6. 1 54, 652	3, 813 857 5, 0 55, 258	3, 654 790 4, 8 55, 891
Employed, total do. Agricultural employment do. Nonagricultural employment do. Unemployed (all civilian workers) do. Long-term (15 weeks and over) do. Rates (percent of those in groun):			73, 207 69, 101 5, 009 64, 092 4, 106 1, 042	72, 988 68, 941 4, 872 64, 069 4, 047 1, 083	73, 091 69, 044 4, 877 64, 167 4, 047 1, 078	73, 168 69, 067 4, 939 64, 128 4, 101 1, 114	73, 572 69, 222 4, 903 64, 319 4, 350 1, 060	73, 224 69, 205 4, 890 64, 315 4, 019 1, 022	73, 667 69, 567 4, 936 64, 631 4, 100 1, 105	73, 835 69, 832 4, 797 65, 035 4, 003 1, 007	73, 760 69, 807 4, 600 65, 207 3, 953 1, 047	74, 583 70, 559 4, 748 65, 811 4, 024 927	74, 595 70, 754 4, 865 65, 889 3, 841 934	74, 340 70, 387 4, 838 65, 549 3, 953 1, 070	74, 230 70, 591 4, 885 65, 706 3, 639 958	74. 315 70, 488 4, 810 65, 678 3, 827 902
All civilian workers Experienced wage and salary workers	5.5	5. 5	5. 6 5. 4	5. 5 5. 4	5, 5 5, 4	5. 6 5. 5	5. 9 5. 7	5. 5 5. 3	5. 6 5. 3	5. 4 5. 2	5. 4 5. 1	5. 4 5. 0	5.1	5. 3	4.9	5. 1 4. 9

All civilian workers.

Experienced wage and salary workers.

5.5 | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |

© Revisions for May 1960-Nov. 1962 are available upon request. ‡ Revised monthly data (back to Apr. 1948) appear in the "Monthly Report on the Labor Force," Jan. 1964, U.S. Dept. of Labor, Wash., D.C., 20210.

Unless otherwise stated, statistics through 1962	1962 1963			1963						19	964			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Monthly average	July	Aug.	Sept. Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.p

EMPLOYMENT AND POPULATION—Continued

	EM.	PLOY	MEN	T AN	D PO	PUL	ATIO	N—C	ontin	ued						
EMPLOYMENT—Continued								,	1							
Employees on payrolls (nonagricultural estab.):† Total, unadjusted†thous	55, 841	57, 174	57, 422	57, 651	58, 211	58, 426	58, 220	58, 585	56, 909	57, 045	57 , 3 88	57, 945	58, 500	r 59, 212	r 59, 007	59, 247
Manufacturing establishments do Durable goods industries do Nondurable goods industries do	16, 859 9, 493 7, 367	17, 035 9, 659 7, 376	17, 050 9, 666 7, 384	17, 199 9, 609 7, 590	17, 398 9, 801 7, 597	17, 367 9, 811 7, 556	17, 229 9, 789 7, 440	17, 139 9, 765 7, 374	16, 935 9, 666 7, 269	16, 982 9, 676 7, 306	17, 051 9, 734 7, 317	17, 106 9, 801 7, 305	17, 186 9, 844 7, 342	717, 404 79, 951 77, 453	717, 353 79, 907 77, 446	17, 527 9, 871 7, 656
Mining, total 9 do. Metal mining do. Coal mining do. Crude petroleum and natural gas do.	652 83 152 299	634 82 139 293	641 84 126 302	646 85 135 298	641 84 134 295	637 54 136 290	634 84 136 292	631 83 137 295	614 82 135 290	611 83 134 287	611 83 130 288	624 85 129 289	631 86 128 291	7 649 88 129 7 302	7 644 80 129 304	648
Contract construction	2, 909 3, 903 797 271	3, 029 3, 913 774 273	3, 364 3, 975 790 258	3, 437 3, 976 791 258	3, 378 3, 982 780 276	3, 333 3, 968 776 278	3, 176 3, 944 770 279	2, 925 3, 931 773 282	2, 628 3, 876 755 284	2, 681 3, 879 753 283	2, 760 3, 883 754 273	2, 977 3, 922 762 278	3, 191 3, 949 764 279	7 3, 373 7 4, 000 7 770 7 270	3, 492 74, 027 774 262	3, 538 4, 035
Motor freight trans, and storagedo Air transportationdododododododo Telephone communicationdodoelectric, gas, and santtary servicesdo	880 200 688 611	898 210 688 612	920 212 701 626	921 212 699 626	934 212 693 618	936 212 691 611	925 213 685 614	913 214 685 610	885 215 685 609	868 214 688 608	889 215 691 609	899 217 699 611	913 219 701 613	946 	954 225 717 629	
Wholesale and retail (rade do. Wholesale trade do. Retail trade do. Finance, Insurance, and real estate do. Services and iniscellaneous do. Government do.	3, 061 8, 521 2, 798 7, 949	11, 865 3, 143 8, 722 2, 866 8, 297 9, 535	11, 832 3, 168 8, 664 2, 916 8, 474 9, 170	11, 878 3, 196 8, 682 2, 919 8, 457 9, 139	11, 942 3, 199 8, 743 2, 887 8, 436 9, 547	12, 014 3, 208 8, 806 2, 884 8, 472 9, 751	12, 166 3, 208 8, 958 2, 878 8, 406 9, 787	12, 774 3, 238 9, 536 2, 880 8, 379 9, 926	11, 917 3, 201 8, 716 2, 875 8, 313 9, 751	11, 837 3, 187 8, 650 2, 885 8, 362 9, 808	11, 926 3, 188 8, 738 2, 895 8, 415 9, 847	11, 987 3, 195 8, 792 2, 913 8, 543 9, 873	12, 100 3, 207 8, 893 2, 924 8, 641 9, 878	712, 252 73, 251 79, 001 72, 958 78, 742 79, 834	r 12, 251 3, 285 r 8, 966 r 2, 991 r 8, 789 r 9, 460	12, 299 3, 315 8, 984 2, 994 8, 776 9, 430
Total, seasonally adjusted! do Manufacturing establishments do Durable goods industries do Ordnance and accessories do Liumber and wood products do Furniture and fixtures do Stone, clay, and glass products do Primary metal industries do	16, 859	157, 174 17, 035 9, 659 277 586 390 608 1, 166	57, 340 17, 103 9, 701 277 564 392 615 1, 208	57, 344 17, 033 9, 652 275 578 3 93 616 1, 176	57, 453 17, 076 9, 705 275 588 392 610 1, 164	57, 646 17, 119 9, 718 277 589 391 611 1, 155	57, 580 17, 061 9, 688 275 595 392 614 1, 155	57, 748 17, 127 9, 737 276 598 394 612 1, 166	57, 850 17, 119 9, 726 276 596 394 612 1, 169	58, 183 17, 175 9, 750 270 601 395 618 1, 177	58, 327 17, 242 9, 814 268 607 399 623 1, 183	58, 502 17, 301 9, 868 266 599 401 621 1, 202	58, 590 17, 323 9, 853 262 592 401 523 1, 206	758, 782 717, 367 79, 896 7258 7590 406 628 1, 221	r 58, 929 r 17, 411 r 9, 946 r 253 r 596 r 410 r 630 r 1, 240	58, 944 17, 364 9, 913 248 594 409 630 1, 237
Fabricated metal products do. Machinery do. Electrical equipment and supplies do.	1, 128 1, 490 1, 579	1, 153 1, 520 1, 582	1, 159 1, 512 1, 587	1, 162 1, 525 1, 574	1, 165 1, 531 1, 574	l, 164 1, 545 1, 571	1, 162 1, 548 1, 557	1, 169 1, 555 1, 566	1, 164 1, 559 1, 564	1, 176 1, 547 1, 559	1, 186 1, 567 1, 563	1, 194 1, 575 1, 570	1, 189 1, 585 1, 571	1, 195 1, 595 r 1, 573	r 1, 198 r 1, 606 r 1, 584	1, 206 1, 615 1, 579
Transportation equipmentdo Instruments and related productsdo Miscellaneous manufacturing inddo	1, 542 360 391	1, 614 372 393	1, 618 375 394	1, 580 375 398	1, 635 373 398	1, 647 373 395	1, 619 373 398	1, 629 375 397	1, 621 375 396	1, 631 375 491	1, 640 377 401	1, 660 377 403	1, 643 376 405	7 1, 643 380 7 407	7 1,639 380 7 410	1, 605 381 409
Nondurable goods industries do. Food and kindred products do. Tobacco manufactures do. Textile mill products do. Apparel and related products do. Paper and allied products do. Printing, publishing, and allied ind do. Chemicals and allied products do. Petroleum refining and related ind do. Rubber and misc, plastic products do. Leather and leather products do.	7, 367 1, 760 91 903 1, 267 614 925 846 195 406 360	7, 376 1, 738 89 890 1, 298 621 928 866 188 409 350	7, 402 1, 730 87 891 1, 317 623 935 870 188 408 353	7, 381 1, 728 91 887 1, 302 623 937 870 189 404 350	7, 371 1, 723 86 886 1, 306 622 935 869 190 402 352	7, 401 5, 742 890 1, 312 620 934 871 189 402 352	7, 373 1, 733 95 889 1, 291 922 931 870 189 406 347	1, 390 1, 741 91 888 1, 295 624 939 871 188 405 348	7, 393 1, 741 88 891 1, 299 624 940 872 186 407 345	7, 425 1, 743 89 897 1, 310 627 942 872 185 412 348	7, 428 1, 735 90 899 1, 309 627 943 876 185 416 348	7, 433 1, 724 90 897 1, 318 629 947 873 185 419 351	7, 470 1, 725 90 898 1, 336 630 953 877 184 422 355	77,471 71,712 90 7897 1,348 7631 7953 884 184 7418	r 7, 465 r 1, 705 r 90 r 896 r 1, 337 r 634 r 953 r 887 184 r 422 r 357	7, 451 1, 708 85 889 1, 335 636 952 886 184 423 353
Mining do. Contract construction do Transportation and public utilities do. Wholesale and retall trade do. Finance, insurance, and real estate do. Services and miscellaneous do. Government do.	652 2, 909 3, 903 11, 582 2, 798 7, 949 9, 188	634 3, 029 3, 913 11, 865 2, 866 8, 297 9, 535	640 3, 069 3, 936 31, 884 2, 870 8, 349 9, 489	535 3, 983 3, 941 11, 907 2, 873 8, 373 9, 499		629 3, 966 3, 937 11, 935 2, 887 8, 430 9, 643	630 3, 957 3, 928 11, 941 2, 887 8, 423 9, 683	630 3, 669 3, 915 11, 963 2, 892 8, 147 9, 705	623 3, 017 3, 923 12, 072 2, 904 8, 474 9, 718	624 3, 169 3, 934 12, 143 2, 911 5, 515 9, 712	625 3, 162 3, 930 12, 143 2, 918 8, 552 9, 755	631 3, 144 3, 954 12, 211 2, 925 8, 543 9, 793	628 3, 159 3, 961 12, 209 2, 930 8, 572 9, 808	f 638 f 3, 179 f 3, 964 f 12, 268 f 2, 937 f 8, 596 f 9, 833	7 643 3, 186 7 3, 987 7 12, 304 7 2, 944 7 8, 659 7 9, 795	637 3, 173 3, 999 12, 328 2, 947 8, 689 9, 807
Total, unadjusted! thous. Seasonally adjusted. do. Durable goods Industries, unadjusted. do. Seasonally adjusted. do. Ordnance and accessories do. Lumber and wood products do. Furniture and fixtures. do. Stone, clay, and glass products. do. Primary metal industries do. Blast furnoces, steel and rolling mills do. Fabricated metal products. do. Machinery do. Electrical equitoment and supplies do. Transportation equipment? do. Alteraft and parts. Motor vehicles and equipment do. Alteraft and parts. Instruments and related products do. Miscellaneous mfc. Industries. do. Nondurable goods industries, unadj. do. Seasonally adjusted. do. Food and kindred products. do. Tobacco manufactures. do. Teyfle mill products. do. Printing, publishing, and allied ind. do. Chemicals and niled products. do. Petroleum refining and related ind. do. Petroleum refining and related ind. Rubber and milse, plastic products. do.	12, 494 6, 946 120 526 320 479 936 421 864 1, 036 1, 060 1, 061 534 351 236 315 5, 548 1, 176 79 812 1, 125 486 594 517 125 101 314	7, 059 119 524 324 490 942 424	12, 571 12, 650 1, 053 1, 103 1, 18, 5528 970 463 879 1, 041 1, 040 505 350 237 412 5, 515 5, 547 1, 183 63 792 1, 133 487 589 525 529 63 647 647 647 647 647 647 647 647 647 647	12, 705 12, 575 3, 995 7, 951 141 547 551 516 946 429 889 1, 948 450 351 1, 272 5, 710 5, 524 1, 272 5, 730 1, 183 495 592 523 96 310	12, 923 12, 611 7, 193 7, 097 1193 554 554 554 420 909 1, 067 1, 125 554 356 240 341 1, 286 908 1, 186 5, 514 1, 286 908 1, 186 597 527 121 95 803 1, 186 803 803 1, 186 803 803 803 803 803 803 804 805 805 805 805 805 805 805 805 805 805	12, 805 12, 649 7, 204 7, 100 190 5, 133 133 144 1, 144 1, 149 3, 12 1, 149 3, 149 4, 149	12, 750 12, 550 7, 08.0 119 534 561 928 907 1, 055 1, 055 1, 055 1, 055 1, 165 5, 500 1, 169 8, 363 241 337 5, 576 5, 576 1, 169 8, 169 1, 169	12, 658 7, 155 7, 129 119 829 829 486 941 414 904	12, 472 12, 639 7, 964 7, 120	12, 518 12, 697 7, 075 7, 148 504 3225 471 958 428 892 1, 040 1, 148 598 360 360 1, 064 74 748 795 1, 171 483 594 524 594 594 594 594 594 594 594 594 593 594 593 594 593 594 594 594 593 594 593 594 593 594 594 593 594 594 593 594 593 594 593 594 594 593 594 594 595 594 595 594 595 594 595 594 595 594 595 594 595 594 595 595	12, 584 12, 759 7, 132 7, 207 113 506 966 434 898 1, 104 1, 037 1, 153 604 3327 238 309 5, 452 1, 057 70 798 1, 179 485 5, 552 1, 057 70 485 5, 588 1, 144 9, 145 145 145 145 145 145 145 145 145 145	12, 634 12, 813 7, 198 7, 260 15, 188 330 494 979 444 906 1, 112 1, 036 1, 160 608 334 5, 563 1, 063 6, 553 1, 063 6, 553 1, 063 1, 156 488 599 533 114 91 316	12, 710 12, 824 7, 241 7, 236 7, 241 7, 236 532 328 506 989 452 911 1, 116 1, 035 1, 158 608 349 236 608 321 5, 469 608 452 1, 167 490 1490 1490 1490 1490 1490 1490 1490	7 12, 804 7 7, 332 7 7, 278 7 107 7 554 337 521 7 1,000 462 7 927	72, 815 712, 892 77, 271 7, 314 7, 105 5356 7, 521 7, 997 466 7, 114 71, 1048 71, 1048 74, 1048 75, 578 1, 150 666 7, 793 7, 1048 7, 1	12, 975 12, 848 7, 230 7, 287 100 7, 287 100 1, 000 927 1, 110 1, 001 1, 001 1, 001 1, 010 1, 024 339 242 338 5, 745 5, 561 1, 244 804 1, 215 502 602 533 117 917

* Revised. * Preliminary. 1 Total and components are based on unadjusted data, the similar with the Sept. 1963 Survey, data for employment, hours, earnings, and labor turnover reflect adjustments to Mar. 1962 benchmarks. The revision affects series back to Mar. 1959 and, for seasonally adjusted data, all series beginning Jan. 1952, with only

minor revisions prior to that time. Revisions not shown are available in the 1963 edition of BUSINESS STATISTICS and in BLS Bulletin 1312-1, "Employment and Farnings Statistics for the United States, 1909-62," 5.54 pp., \$3.50, GPO, Wash., D.C., 20402.

2 Includes data for industries not shown separately.

Unless otherwise stated, statistics through 1962	1962	1963			19	163						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	ave	nthly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.r

EMPLOYMENT AND POPULATION—Continued EMPLOYMENT-Continued Miscellaneous employment data: deral civilian employees (executive branch): United States thous Wash., D.C., metropolitan area do____do___ 2, 311 230 2, 328 239 2, 344 2,337 2442, 312 239 2,314 $2.313 \\ 240$ $\frac{2,452}{1243}$ $\frac{2,293}{239}$ 2,291 240 $2,293 \\ 241$ $2,304 \\ 241$ 2,302 2, 314 246 2, 325 249 240 Railroad employees (class I railroads): 720 2 79. 5 r 714 2 77. 1 $694 \\ 79.3$ $685 \\ 75.7$ 695 76. 1 714 77. 5 p 680 p 603 otal do 1957-59 = 100 --- 100 --- 100 --- 100 --- 100 --- 100 --- 74.3 74. 9 p 75. 4 73.8 78.5 79.5 78.278.2INDEXES OF WEEKLY PAYROLLS† 149.8 126.1 196.2 116. 4 113. 7 146, 8 118, 1 90, 2 152, 2 118, 2 93, 1149. 5 122. 6 94. 0 102. 4 117. 7 87. 8 Construction (construction workers) † 1957-59=100 109.2 139.7 149.7 119.2 118.0 121. 5 90, 5 126.4 Manufacturing (production workers)† _____do__ Mining (production workers)† _____do__ 122.6 92.8 122. 4 91. 4 119. 4 86. 9 120. 4 85. 9 122.0123. 6 92. 5 124.3 93.990.6 89.4 HOURS AND EARNINGS† 40.5 40.5 3.0 41.2 41.140.5 40.7 2.9 41.3 41.47 40. 6 7 40. 5 3. 0 7 41. 3 7 41. 4 3. 2 40. 9 40. 7 3. 3 41. 6 41. 6 40. 7 40. 7 3. 1 41. 3 41. 3 3. 2 40.7 40.6 3.0 41.4 $\begin{array}{c} 40.3 \\ 40.6 \\ 2.7 \\ 41.0 \end{array}$ 40. 4 40. 7 2. 8 41. 0 40. 7 40. 7 3. 0 40. 5 40. 4 2. 9 41. 1 40.8 40.5 3.1 41.6 40.9 40.4 40.4 $\frac{40.5}{40.3}$ 39.8 40.1 2.7 40.6 40. 6 3. 2 41. 7 2.9 41.0 40.9 41.1 41.5 41.4 41. 2 2. 9 41.0 3.0 41. 2 3. 2 41. 5 40.8 41.3 41. 2 2. 9 41.4 2. 8 2. 9 2. 8 3. 1 40.8 39.7 41.3 41.5 40.6 40. 2 39. 7 40. 7 40. 8 41. 4 $\begin{array}{c} 40.4 \\ 39.9 \\ 40.7 \\ 41.6 \end{array}$ 7 39. 8 7 40. 5 41. 3 40. 8 41. 6 41. 8 40. 7 39. 3 ⁷ **4**0. 5 40.3 40, 2 39.7 41.1 41.1 40.6 41.0 41.2 41.5 40.8 39. 8 40. 7 40. 9 40.6 41.6 41.9 40.0 41.9 40.6 39. 6 40. 7 40. 7 40. 5 40. 5 42. 1 40. 1 40. 9 38. 6 39. 4 40.8 r 40.8 41.0 7 41. 1 7 42. 1 40.8 41.9 $\frac{41.6}{42.1}$ 42.1 41.3 39.8 41.1 41. 0 40. 0 41. 1 40. 5 40. 6 39. 4 40. 4 38. 7 41.3 39.5 40.2 41.1 41 6 42.041.7 42.0 39. 0 39.0 40.0 40.5 40.9 41.0 41.1 41.3 41.5 41.8 40.4 40. 9 41. 8 40. 0 $\begin{array}{c} 41.\ 2\\ 42.\ 3\\ 40.\ 2 \end{array}$ $\begin{array}{c} 41.5 \\ 42.5 \\ 40.3 \end{array}$ Fabricated metal products.....do... 41. 1 41. 7 40. 6 41. 9 41. 9 40. 7 41. 2 41. 8 42. 7 40. 4 41.9 41.4 41 2 41.5 41.8 41.9 41.7 42.0 41. 8 40. 4 41. 7 40. 2 41. 6 40. 3 42. 5 40. 8 r 42. 9 42. 5 40. 7 Machinery _____do___ Electrical equipment and supplies ____do___ 40. 5 40.4 Transportation equipment \(\frac{1}{2} \) ... do. Motor vehicles and equipment... do. Aircraft and parts... do. Instruments and related products... do. Miscellaneous mfg. industries... do. 42. 0 42. 7 41. 8 40. 9 39. 7 42. 0 42. 8 41. 5 40. 8 39. 6 42. 0 42. 8 41. 4 40. 7 39. 2 41. 9 42. 1 41. 7 41. 1 39. 9 42. 5 7 43. 8 7 41. 2 41. 0 r 41. 5 42. 3 r 41. 0 41. 5 42. 4 41. 2 40.8 40.3 41.5 40.7 42.8 44.3 41.4 41.5 42.2 41.1 41.5 41. 4 41. 7 40. 9 42.0 42.7 43.0 42.0 43.9 41.6 42. 2 41. 0 42, 9 40, 9 41.0 41. 41.0 39.8 40. 5 39. 5 40.4 40. 5 39. 6 40.7 40.7 + 39.2 41. 2 40.1 39.8 39.8 38.4 39.8 39. 4 39. 7 39.9 Nondurable goods industries, unadj_____do___ 39.6 39. 6 39. 8 39. 5 2. 8 41. 4 38. 8 39. 4 39. 9 40.0 39. 9 39. 7 3. 0 41. 6 39. 7 40. 6 36. 3 43. 2 39.9 39.7 | Condurable goods Industries, unad | ... do | ... Seasonally adjusted | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | ... do | .. 39.6 2.8 41.4 40.2 40.7 36.8 39. 8 2. 7 40. 3 39. 5 40. 7 36. 1 42. 5 39.8 2.9 41.2 39.7 39. 9 2. 6 40. 1 39. 5 39.6 39.1 39.8 39.7 39.5 39.6 2. 7 40. 9 38. 6 40. 6 36. 1 42. 7 2.8 41.1 39.4 2. 6 40. 2 35. 3 40. 9 2.8 41.0 2.8 3. 0 7 41. 0 7 41. 1 7 38. 5 38. 6 40. 6 36. 2 42. 5 38. 9 41. 3 35. 8 42. 8 36.9 37.8 40.739.3 39. 7 41. 3 40. 4 36. 3 42. 9 41. 1 35. 9 42. 7 41. 3 36. 7 43. 5 40.0 r 40 8 33. 9 42. 1 36. 3 42. 5 36. 4 42. 4 43.0 43.1 43.043.2 Printing, publishing, and allied ind do— Chemicals and allied products. do— Petroleum refining and related ind do— Petroleum refining do— Rubber and misc. plastic products do— Leather and leather products do— 38. 2 41. 6 42. 4 41. 6 40. 5 38. 0 38. 2 41. 4 41. 5 41. 5 38.9 41.7 41.4 41.5 38.2 41.3 41.4 41.3 40.6 38.238. 5 41. 6 41. 3 40. 9 40. 9 36. 5 r 38. 3 41. 4 r 42. 2 41. 3 r 40. 8 r 38. 6 38. 3 41. 5 41. 6 41. 2 38. 6 41. 5 42. 2 41. 7 37. 9 41. I 38. 5 41. 7 42. 0 41. 3 7 38. 4 41. 7 42. 1 41. 2 38.6 41.5 41.5 40.8 $\frac{38.5}{41.6}$ 38.3 38.5 38.4 41. 4 41. 6 41.4 41.7 41.7 41.4 41.3 41.4 $\frac{41.4}{41.2}$ 40. 6 41. 0 38. 3 41 6 41. 1 37. 8 41. 4 37. 6 41. 6 7 38. 5 42.3 r 41.8 r 40.2 41.0 41.5 36.6 42. 1 41. 6 39. 2 42. 1 41. 4 42. 1 38. 2 42. 3 41. 2 40. 8 $\frac{42.3}{41.3}$ $\frac{41.2}{42.3}$ 41. 1 42. 0 $\frac{41.7}{41.0}$ 41. 0 38. 0 42. 6 41. 2 37. 8 42. 2 41.6 37.6 42.1 42. 0 38. 7 42. 1 ----a 38.8 36. 6 42. 4 39 0 $\frac{39.7}{42.3}$ 39.3 41.9 42. 1 42. 4 42.2 42. 0 42.5 r 42.0 37. 0 35. 6 40. 5 36. 3 38. 5 37. 0 43. 2 37. 4 38.8 37.2 43.5 37.5 38. 3 36. 6 42. 9 37. 2 38. 9 37. 3 35. 3 34. 3 36. 7 35. 9 35. 1 38. 9 35. 4 36. 5 35. 9 37. 1 36. 0 40. 5 36. 4 38. 2 36. 6 42. 4 7 37. 3 Contract construction... 37.3 36. 4 35. 1 37. 9 36. 5 General building contractors do Heavy construction do Special trade contractors do 32.8 36.6 36. 5 42. 7 36. 0 41. 3 43.6 37.7 40. 0 35. 7 39.1 35.5 34. 1 36. ô Transportation and public utilities: Local and suburban transportation do Motor freight transporation and storage.do Telephone communication do Electric, gas, and sanitary services do Wholesale and retail trades do Retail trades do Retail trades do 42. 6 41. 7 40. 3 41. 2 39. 2 40. 8 38. 5 41. 5 41. 0 39. 6 41. 0 38. 2 $\begin{array}{c} 41.\,9 \\ 41.\,5 \\ 39.\,3 \\ 41.\,0 \\ 38.\,2 \\ 40.\,6 \\ 37.\,2 \end{array}$ 42. 6 41. 8 39. 8 41. 2 38. 3 40. 7 37. 3 42.2 42.5 42.1 41.8 42.040.9 r 43. 0 41.9 41.5 39.6 41.5 38.8 40.9 41.5 39.9 41.0 38.7 41. 6 40. 0 41. 2 38. 6 42. 5 42. 3 40. 1 41. 3 39. 2 40. 7 38. 5 42. 0 40. 5 41. 4 38. 6 40. 6 37. 7 42. 0 42. 3 40. 4 41. 4 38. 4 40. 7 37. 5 40. 5 39. 3 41. 5 38. 1 41. 2 39. 5 41. 0 38. 2 7 42. 1 7 40. 0 7 41. 2 38. 7 40.3 ------41.4 38.3 41.8 39.2 ------40.6 37.9 40. 6 37. 8 40. 3 37. 2 40. 8 37. 8 40.5 37.3 40.2 40, 5 Services and miscellaneous: Hotels, tourist courts, and motels....do... Laundries, cleaning and dyeing plants of.do... 39. 0 $\frac{40.6}{39.0}$ 38.8 38.8 39.0 38.8 38.9 38. 6 39. 3 38.4 38. 6 ------Average weekly gross earnings per production worker on payrolls of nonagric estab.:† All manufacturing establishmentst.....dollars... Durable goods industries......do. Ordnance and accessories.......do. Lympor and weed productst.....do. 101. 15 109. 88 119. 29 81. 97 96. 56 104. 70 116. 31 79. 20 99.38 100. 53 109. 45 99, 90 109, 21 101. 40 110. 29 102. 97 112. 47 120. 20 103.07 98, 42 100.53 109.71100,85 111.92 108.09 108, 09 107. 01 119. 31 110.00 111, 90 111.51 113.01112, 32117. 74 82. 42 121.01 86.50 120.36 82.97 121.18 79.90 119,99 84, 19 121. 50 r 87. 72 119. 60 123, 26 119. 39 119 10 81.80 82. 18 Lumber and wood products.....do... 84.45 86. 27 Furniture and fixtures do...Stone, clay, and glass products do...Primary metal industries do... 84. 03 104. 50 123. 73 83, 43 103, 75 123, 42 $\begin{array}{c} 79.59 \\ 99.50 \\ 125.77 \end{array}$ 82.62 104.83 128.54 85, 68 107, 36 131, 04 81.39 83.20 104.33 81, 81 106, 93 r 83. 43 79.37 81.19 84.03 85.06 82. 21 82.62 82.82 98. 57 119. 80 102, 42 124, 64 104. 33 125. 77 105. 67 122. 41 101. 50 126. 38 101. 75 126. 18 102. 00 127. 51 107. 36 129. 27 107. 36 130. 20 123.02129.58 108.32 115.23 112, 29 Fabricated metal products....do... 104 81 108 05 107 53 109 93 109, 56 111.04 108.79 109.18 109.59 111.22 112, 02 111 34 112, 56Machinery do Electrical equipment and supplies do 117. 88 100. 60 123. 55 102. 47 116. 20 99. 38 120. 70 102. 41 121. 26 100. 90 115. 51 122.98100.40 100.90 101.56 102, 56 97.44 98. 89 98, 74 100.53 100, 28 101.81 102, 21 Transportation equipment.....do...Instruments and related products....do....Miscellaneous mfg. industries.....do... 122. 22 99. 80 78. 21 126. 42 101. 59 80. 39 125. 58 100. 94 79. 18 $\begin{array}{c} 121.58 \\ 101.34 \\ 79.60 \end{array}$ 127.80 102.75 80.60 131, 52 102, 75 81, 40 132, 68 102, 91 81, 59 133.30 102.91 82.39 127.41 99.90 79.87 126. 99 101. 66 82. 16 126. 68 101. 40 82. 78 129.36 102.06 82.76 129. 36 | 131. 75 | 128. 24 102. 56 | 103. 73 | 102. 97 81. 95 | 82. 58 | 81. 14 129.48

fSee corresponding note, bottom p. S-13. 9 Includes data for industries not shown separately. §Except eating and drinking places.

\$\textit{\sigma}\$ Beginning Jan. 1964, data relate to nonsupervisory workers and are not comparable with the production-worker levels for earlier periods.

Revised.
 Preliminary.
 Average for 11 months.
 Includes Post Office employees hired for the Christmas season; there were about 144,000 such employees in the United States in Dec. 1963.
 Based on unadjusted data.

Unless otherwise stated, statistics through 1962	1962	1963			196	3						196	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mon aver		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.»
	EMI	PLOY	MEN'	T AN	D PO	PUL	ATIO	N—Co	ntinu	ıed			<u>. </u>			·
HOURS AND EARNINGS—Continued Average weekly gross earnings per production worker on payrolls of nonagric. estab. †—Con. All manufacturing estab. †—Continued Nondurable goods industries	85. 54 91. 62 71. 41 68. 21 61. 18	87. 91 94. 48 73. 73 69. 43 62. 09	88. 36 95. 63 78. 76 68. 68 61. 71	88. 40 93. 98 73. 57 69. 19 63. 30	89. 38 95. 68 71. 46 69. 83 64. 25	88. 98 94. 35 71. 46 71. 04 64. 25	89. 10 95. 94 73. 13 72. 28 63. 01	90. 17 96. 59 74. 86 72. 69 63. 54	87. 85 95. 91 72. 69 70. 40 60. 00	89. 04 95. 68 68. 84 71. 98 64. 61	89. 67 95. 84 75. 60 71. 63 64. 79	89. 83 96. 32 80. 19 71. 63 63. 90	90. 52 98. 16 80. 17 72. 75 63. 54	90. 97 7 97. 99 81. 39 73. 10 7 63. 71	91. 14 7 97. 82 7 78. 93 7 71. 81 64. 25	91. 20 97. 00 75. 08 73. 10 66. 06
Paper and allied productsdo Printing, publishing, and allied inddo Chemicals and allied productsdo Petroleum refining and related inddo Rubber and misc, plastic productsdo Leather and leather productsdo	102. 00 107. 62 109. 98 126. 88 100. 04 64. 67	105. 90 110. 30 112. 88 131. 77 100. 78 66. 00	106. 82 110. 02 113. 98 133. 98 100. 04 66. 12	107. 32 111. 27 113. 02 130. 21 100. 86 67. 41	108.43 112. 71 114.13 134.20 102.67 67. 13	108. 43 111. 74 113. 85 131. 77 101. 93 67. 66	107. 43 110. 78 113. 85 132. 39 102. 91 66. 59	108. 36 113. 98 115. 09 132. 89 105. 08 69. 63	106. 09 110. 67 113. 85 132. 16 101. 25 66. 95	107. 10 111. 93 113. 99 132. 07 101. 09 68. 76	106. 85 113. 58 114. 40 131. 24 101. 59 68. 24	107. 53 113. 58 114. 40 130. 92 102. 25 66. 43	108. 46 113. 96 115. 51 133. 14 104. 74 68. 43	109. 65 113. 28 116. 34 133. 46 105. 66 70. 46	r110. 51 r112. 99 115. 92 r133. 77 r103. 22 r 70. 25	112. 23 114. 26 116. 62 131. 14 105. 66 69. 89
Nonmanufacturing establishments:† Mining 9 do Metal mining do Coal mining do Crude petroleum and natural gas do	110. 70 117. 45 113. 09 109. 20	114. 40 118. 66 119. 95 111. 99	112.06 116.69 108.19 112.36	115. 08 118. 08 118. 18 113. 32	117.04 121.06 123.48 113.67	116.75 120.60 121.68 113.05	113. 99 119. 89 117. 94 113. 10	116. 48 122. 51 125. 85 113. 79	115. 36 123. 09 124. 97 112: 71	115. 09 122. 51 121. 09 112. 94	113. 85 122. 64 115. 66 112. 78	115.37 122.30 121.45 111.57	123.90 125.78	r 118. 44 r 123. 73 r 131. 86 r 110. 88	116. 76 121. 77 120. 34 112. 67	
Contract constructiondo General building contractorsdo Heavy constructiondo Special trade contractorsdo	112.50 122.31	127. 57 117. 72 128. 03 133. 59	130, 90 120, 62 135, 22 136, 14	132.70 122.02 137.03 137.25	132,90 121,88 136,85 137,64	134. 98 124. 58 138. 65 139. 49	125. 58 116. 53 124. 00 131. 38	124. 96 115. 93 118. 17 133. 48	122. 08 111. 52 118. 95 129. 24	127. 09 118. 29 123. 31 133. 81	128. 48 120. 98 121. 99 135. 36	131.33 122.76 127.98 137.23	123.37 133.88	r 133. 70 r 123. 34 135. 26 r 139. 50	134. 87 123. 74 137. 92 140. 99	
Transportation and public utilities: Local and suburban transportationdo Motor freight transportation and storage_do Telephone communicationdo Electric, gas, and sanitary servicesdo	113. 30 98. 95	101.70 117.31 102.40 121.13	103. 09 118. 85 102. 36 121. 13	103.28 119.71 102.26 121.42	102.30 120.12 105.30 123.37	102. 48 120. 13 105. 04 122. 96	102. 41 117. 29 106. 08 123. 79	102. 24 120. 67 103. 36 124. 92	103. 32 116. 24 102. 18 124. 09	101, 68 118, 49 102, 56 123, 00	98. 98 119. 89 102. 70 123. 00	103, 49 121, 18 101, 79 123, 00	122.47 104.28	7106.64 7122.93 7104.40 7124.42	106.75 123.38 104.78 126.24	
Wholesale and retall trade§do Wholesale tradedo Retail trade§do	75. 08 96. 22 65. 95	77. 59 99. 47 68. 04	78. 79 99. 55 69. 30	78. 79 99. 72 69. 30	78. 36 100.69 68. 61	77. 95 100. 94 68. 25	77. 75 100. 85 68. 26	77. 60 101. 43 68. 40	78, 11 100, 10 68, 26	78. 69 100. 75 68. 82	78. 69 101. 66 68. 64	79. 07 102. 31 69. 19	79. 66 102, 97 69. 75	80, 50 102, 82 70, 69	81. 54 103. 32 71. 81	
Finance, insurance, and real estate: Bankingdodododo	71. 80 93. 46 46. 14 50. 57	74. 97 96. 28 47. 58 51. 87	74. 77 96. 65 47. 96 52. 00	74. 40 96. 66 48. 31 51. 48	75. 14 96. 72 48. 22 52. 00	74. 97 96. 79 48. 09 51. 87	75. 35 96. 86 47. 72 51. 99	76. 13 97. 67 47. 86 52. 13	76. 70 91. 36 47. 72 53. 58	77. 08 92. 14 47. 70 54. 00	76. 09 91. 55 47. 97 54. 81	75. 92 91. 63 48. 89 55. 63	76. 26 92. 04 49. 02 56. 59	75. 89 7 91. 99 7 47. 62 7 56. 16	76. 30 92. 10 48. 07 55. 58	
Average hourly gross earnings per production worker on payrolls of nonagric, estab.;† All manufacturing establishments†dollars Excluding overtimec*do Durable goods industriesdo Excluding overtimec*do	2. 39 2. 31 2. 56 2. 48	2. 46 2. 37 2. 63 2. 54	2. 45 2. 37 2. 63 2. 54	2, 43 2, 35 2, 61 2, 52	2. 47 2. 38 2. 65 2. 55	2. 47 2. 38 2. 65 2. 55	2. 49 2. 40 2. 67 2. 57	2. 51 2. 42 2. 69 2. 58	2. 51 2. 43 2. 69 2. 60	2. 51 2. 42 2. 68 2. 59	2. 51 2. 43 2. 69 2. 60	2.52 2.44 2.70 2.61	2. 53 2. 44 2. 71 2. 61	2. 53 2. 44 2. 71 7 2. 60	2. 53 2. 44 2. 71 2. 61	2. 52 2. 43 2. 70 2. 60
Ordnance and accessories	2. 83 1. 99 1. 95 2. 41 2. 98 3. 29	2. 91 2. 04 1. 99 2. 48 3. 04 3. 36	2. 90 2. 03 1. 99 2. 49 3. 06 3. 37	2. 91 2. 08 2. 00 2. 49 3. 03 3. 33	2. 93 2. 12 2. 02 2. 50 3. 04 3. 35	2. 94 2. 10 2. 02 2. 51 3. 03 3. 33	2. 95 2. 09 2. 02 2. 50 3. 04 3. 33	2, 97 2, 08 2, 03 2, 50 3, 06 3, 36	2. 97 2. 07 2. 02 2. 50 3. 06 3. 35	2. 96 2. 07 2. 02 2. 50 3. 07 3. 37	2. 97 2. 07 2. 03 2. 50 3. 08 3. 37	2. 97 2. 11 2. 03 2. 52 3. 09 3. 39	2. 99 2. 13 2. 02 2. 54 3. 10 3. 40	7 3. 00 2. 15 2. 03 2. 55 7 3. 10 7 3. 39	7 2. 99 7 2. 16 2. 03 2. 55 7 3. 10 3. 38	3. 00 2. 18 2. 04 2. 55 3. 12
Fabricated metal products	2. 55 2. 71 2. 40 2. 91 2. 99 2. 87 2. 44 1. 97	2. 61 2. 78 2. 46 3. 01 3. 10 2. 95 2. 49 2. 03	2. 61 2. 77 2. 46 2. 99 3. 05 2. 95 2. 48 2. 02	2.61 2.77 2.45 2.98 3.04 2.96 2.49 2.00	2. 63 2. 80 2. 47 3. 05 3. 14 2. 99 2. 50 2. 02	2. 63 2. 80 2. 47 3. 08 3. 18 2. 99 2. 50 2. 03	2. 64 2. 82 2. 49 3. 10 3. 21 3. 00 2. 51 2. 05	2. 65 2. 84 2. 51 3. 10 3. 21 3. 01 2. 51 2. 07	2. 66 2. 84 2. 51 3. 07 3. 17 3. 01 2. 51 2. 08	2, 65 2, 85 2, 51 3, 06 3, 14 3, 02 2, 51 2, 08	2. 66 2. 86 2. 51 3. 06 3. 14 3. 01 2. 51 2. 08	2. 68 2. 87 2. 52 3. 08 3. 17 3. 02 2. 52 2. 09	2. 68 2. 88 2. 52 3. 08 3. 18 3. 03 2. 52 2. 08	7 2. 68 2. 88 2. 53 3. 10 3. 20 7 3. 03 2. 53 7 2. 08	7 2. 67 2. 87 2. 53 7 3. 09 7 3. 18 3. 05 2. 53 7 2. 07	2. 68 2. 86 2. 52 3. 12 3. 26 3. 06 2. 53 2. 07
Nondurable goods industries	2. 16 2. 09 2. 24 1. 85 1. 68 1. 69 2. 40	2. 22 2. 15 2. 31 1. 91 1. 71 1. 72 2. 48	2. 22 2. 15 2. 31 2. 03 1. 70 1. 70 2. 49	2. 21 2. 13 2. 27 1. 83 1. 70 1. 72 2. 49	2. 24 2. 16 2. 30 1. 80 1. 72 1. 77 2. 51	2. 23 2. 16 2. 29 1. 80 1. 72 1. 77 2. 51	2. 25 2. 17 2. 34 1. 88 1. 75 1. 76 2. 51	2. 26 2. 19 2. 35 1. 90 1. 76 1. 77 2. 52	2. 27 2. 20 2. 38 1. 97 1. 76 1. 77 2. 52	2. 26 2. 19 2. 38 1. 95 1. 76 1. 78 2. 52	2. 27 2. 20 2. 39 2. 00 1. 76 1. 78 2. 52	2. 28 2. 20 2. 39 2. 03 1. 76 1. 77 2. 53	2. 28 2. 20 2. 40 2. 04 1. 77 1. 77 2. 54	2, 28 2, 20 7 2, 39 2, 05 1, 77 1, 76 2, 55	2. 29 2. 21 2. 38 2. 05 1. 76 1. 77 2. 57	2. 28 2. 20 2. 36 1. 94 1. 77 1. 80 2. 58
Printing, publishing, and allied inddo Chemicals and allied productsdo Petroleum refining and related inddo Petroleum refiningdo Rubber and misc. plastic productsdo Leather and leather productsdo	2.81 2.65 3.05 3.19 2.44 1.72	2. 88 2. 72 3. 16 3. 32 2. 47 1. 76	2. 88 2. 74 3. 16 3. 34 2. 47 1. 74	2.89 2.73 3.13 3.31 2.46 1.76	2. 92 2. 75 3. 18 3. 35 2. 48 1. 79	2.91 2.75 3.16 3.33 2.48 1.79	2. 90 2. 75 3. 19 3. 36 2. 51 1. 79	2. 93 2. 76 3. 21 3. 37 2. 52 1. 79	2. 92 2. 77 3. 20 3. 35 2. 50 1. 79	2. 93 2. 76 3. 19 3. 34 2. 49 1. 80	2. 95 2. 75 3. 17 3. 33 2. 49 1. 81	2. 95 2. 75 3. 17 3. 33 2. 50 1. 82	2.96 2.77 3.17 3.34 2.53 1.82	2. 95 2. 79 3. 17 3. 35 2. 54 1. 83	2. 95 2. 80 7 3. 17 7 3. 35 7 2. 53 7 1. 82	2. 96 2. 81 3. 16 3. 34 2. 54 1. 82
Nonmanufacturing establishments:	2. 70 2. 83 3. 09 2. 60 3. 31 3. 16 3. 02 3. 54	2. 75 2. 88 3. 12 2. 66 3. 42 3. 27 3. 10 3. 66	2. 72 2. 86 	2. 74 2. 88 3. 11 2. 66 3. 42 3. 28 3. 15 3. 66	2. 78 2. 91 3. 15 2. 70 3. 47 3. 33 3. 19 3. 70	2.76 2.92 3.12 2.66 3.47 3.34 3.18 3.70	2. 76 2. 91 3. 12 2. 68 3. 45 3. 32 3. 10 3. 68	2. 80 2. 91 3. 17 2. 69 3. 54 3. 38 3. 22 3. 76	2. 80 2. 91 3. 18 2. 69 3. 58 3. 40 3. 25 3. 79	2. 78 2. 91 3. 17 2. 67 3. 54 3. 37 3. 17 3. 78	2. 77 2. 92 3. 16 2. 66 3. 52 3. 37 3. 12 3. 76	2. 78 2. 94 3. 23 2. 65 3. 54 3. 41 3. 16 3. 77	2. 80 2. 95 3. 25 2. 66 3. 51 3. 38 3. 18 3. 75	7 2. 80 7 2. 96 3. 28 2. 64 7 3. 50 7 3. 37 3. 19 3. 74	2. 80 2. 97 2. 67 3. 54 3. 39 3. 23 3. 79	
Transportation and public utilities: Local and suburban transportationdo Motor freight transportation and storage do Telephone communicationdo Electric, gas and sanitary servicesdo	2. 35 2. 73 2. 48 2. 85	2. 41 2. 82 2. 56 2. 94	2. 42 2. 85 2. 54 2. 94	2, 43 2, 83 2, 55 2, 94	2. 43 2. 86 2. 60 2. 98	2. 44 2. 84 2. 60 2. 97	2. 45 2. 84 2. 60 2. 99	2. 44 2. 88 2. 61 3. 01	2. 46 2. 87 2. 60 2. 99	2. 45 2. 89 2. 59 3. 00	2. 42 2. 91 2. 60 3. 00	2. 47 2. 92 2. 59 3. 00	2. 48 2. 93 2. 62 3. 02	2. 48 2. 92 2. 61 3. 02	2. 50 2. 91 2. 60 3. 02	
Wholesale and retail trade\$do Wholesale tradedo Retail trade\$do Services and miscellaneous: Hotels, tourist courts, and motelsdo Laundries, cleaning and dyeing plants △do	1. 94 2. 37 1. 74 1. 18 1. 30	2.01 2.45 1.80 1.22 1.33	2.01 2.44 1.80 1.19 1.33	2.01 2.45 1.80 1.19 1.32	2.03 2.48 1.82 1.23 1.33	2.03 2.48 1.82 1.23 1.33	2. 03 2. 49 1. 83 1. 23 1. 34	2. 00 2. 48 1. 80 1. 24 1. 34	2. 05 2. 49 1. 84 1. 23 1. 41	2.06 2.50 1.85 1.22 1.41	2. 06 2. 51 1. 85 1. 23 1. 42	2. 07 2. 52 1. 86 1. 26 1. 43	2.08 2.53 1.87 1.27 1.44	2. 08 2. 52 1. 87 7 1. 24 1. 44	2. 08 2. 52 1. 87 1. 22 1. 44	

Revised. Preliminary. A verage for 11 months. Except eating and drinking places. †See corresponding note, bottom p. S-13. Pincludes data for industries not shown separately. ⊕Effective Jan. 1964, data exclude earnings of nonoffice salesmen and are not comparable with earlier figures.

 $[\]sigma^3$ Derived by assuming that overtime hours are paid at the rate of time and one-half. Δ Effective Jan. 1964, data relate to nonsupervisory workers and are not comparable with the production-worker levels for earlier periods.

Unless otherwise stated, statistics through 1962	1962	1963			19	963						1:	964		1	
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
	EM	PLOY	MEN	T AN	D PO	PUL	ATIO	N—C	ontin	ued						
HOURS AND EARNINGS—Continued						<u> </u>										
Miscellaneous wages: Construction wages, 20 cities (ENR): § Common labor	2. 946 4. 348 1 1. 01 2. 740 1 2. 31	3. 082 4. 525 11, 05 2. 823 12. 38	3. 102 4. 540 1. 09 2. 750 2. 44	3, 130 4, 585 2, 755	3. 134 4. 59 1 2. 782	3. 134 4. 602 . 99 2. 748 2. 45	3. 134 4. 602 2. 785	3. 139 4. 611 2. 785	3. 154 4. 636 1. 14 2. 765 2. 27	3. 169 4. 640 2. 803	3. 169 4. 644 2. 764	3. 187 4, 658 1. 14 2. 765 2. 37	3. 202 4. 680		3. 282 4. 769 1. 13	4.78
Help-wanted advertising, seas. adj † 1957-59=100 Labor turnover in manufacturing estab.: † Accession rate, totalmo. rate per 100 employees Seasonally adjusted	110 4.1 2.5 4.1	109 3.9 2.4 3.9	109 4.3 4.0 2.7 4.1 4.0	105 4. 8 3. 7 3. 2 4. 7 4. 2	107 4. 8 3. 9 3. 1 4. 9 3. 9	3. 9 3. 9 2. 6 4. 1 3. 7	2.9 3.6 1.8 3.8 3.7	118 2.5 3.9 1.4 3.7 3.7	3. 6 3. 7 2. 0 4. 0 4. 0	3. 4 4. 0 2. 0 3. 3 3. 8	3.7 4.0 2.2 3.5 3.8	3.8 4.0 2.4 3.5 3.9	3. 9 3. 8 2. 5 3. 6 4. 0	121 7 5. 1 7 4. 1 7 3 6 7 3. 5 7 3. 9	p 2.9	123
Quit. do. Layoff. do. Seasonally adjusted. do. Industrial disputes (strikes and lockouts): Beetuning in month:	1. 4 2. 0	1.4 1.8 280	1. 4 2. 0 1. 9	2. 1 1. 9 2. 0	2. 4 1. 8 1. 8	1. 5 1. 9 1. 7	1.1 2.1 1.8	2.3 1.8	1. 2 2. 0 1. 8	1.1 1.5 1.7	1. 2 1. 6 1. 7	1.3 1.4 1.6	1. 5 1. 4 1. 7 410	1.4 71.3 71.6	P 1. 5 P 1. 8 P 1. 8	
Work stoppages number Workers involved thous In effect during month: number Work stoppages number Workers involved thous Man-days idle during month do EMPLOY MENT SERVICE AND UNEMPLOY-	1, 550	1,340	94 606 183 1,810	545 167 1,350	500 155 985	96 574 153 1,420	467 152 1,410	336 82 977	370 100 1,010	375 125 1, 130	360 100 800	122 450 163 1,100	570 218 2, 180	585 227 1, 930	133 660 194 1,710	
MENT INSURANCE Nonfarm placements thous. Unemployment insurance programs: Insured unemployment, all programs do State programs: Initial claims do	560 21,924 1,309	548 2 1, 939 1, 285	572 2 1, 606 1, 351	611 21,531 1,086	664 21, 372 957	662 2 1, 445 1, 157	493 2 1, 667 1, 200	432 22,113 1,865	443 2 2, 559 1, 848	414 2 2, 408 1, 181	478 2 2, 200 1, 136	541 21,886 1,086	572 21,552 908	572 r ² 1,390 976	549 2 1, 445 1, 238	
Insured unemployment, weekly avg. do Percent of covered employment: Unadjusted. Seasonally adjusted⊕ Beneficiaries, weekly averagethous. Benefits paid	1, 783 4, 4 1, 525 223, 0	1, 806 4. 3 1, 541 231. 2	3, 6 4, 1 1, 238 195, 6	3.4 4.2 1,220 186.8	1, 261 3, 0 4, 0 1, 107 163, 1	3, 1 4, 1 1, 070 172, 0	3. 6 4. 1 1, 127 165. 0	1,972 4.7 4.3 1,524 233.0	2, 395 5. 7 4. 3 1, 997 319. 3	2, 243 5, 3 4, 0 2, 015 283, 8	2, 050 4. 9 3. 8 1, 887 292. 6	1, 755 4. 2 3. 8 1, 678 258. 0	3. 4 3. 6 1, 347 201. 5	3. 1 3. 6 1, 142 183. 1	3.1 3.6 1,108 180.5	
Federal employees, insured unemployment thous. Veterans' program (UCX): Initial claims	29 28 50 47 6.6	31 29 55 52 7.6	30 31 44 38 5. 9	29 29 45 42 6. 2	28 28 42 40 5, 7	29 31 43 38 5. 9	32 29 48 39 5. 4	34 39 60 52 7.6	39 39 73 67 10. 2	40 29 72 71 9.6	38 28 67 59 8. 9	32 27 57 64 9. 7	27 20 46 48 7. 0	25 25 42 42 6. 6	26 32 44 38 6. 2	
Applicationsthous Insured unemployment, weekly avgdo Benefits paidmil. \$	17 62 11, 1	13 47 8. 3	46 39 5. 9	15 37 6. 9	15 41 6. 4	12 41 7. 5	11 45 6. 7	12 47 8.6	13 53 9.9	7 51 8.8	5 45 8.5	13 42 7. 4	5 32 5. 2	16 27 4. 9	32	
					FINA	NCE	<u> </u>		1	1						
BANKING Open warket paper outstanding, end of mo.:																
Bankers' acceptances. mil. \$ Commercial and finance co. paper, totaldo. Placed through dealersdo. Placed directly (finance paper)do. Acceptance of the control of the cont	3 6, 000 3 2, 088 3 3, 912	\$ 6,747 \$ 1,928 \$ 4,819	7, 522 2, 059 5, 463	7, 808 2, 062 5, 746	7, 161 2, 098 5, 063	7, 869 2, 230 5, 639	8, 170 2, 172 5, 998	6, 747 1, 928 4, 819	7, 765 2, 042 5, 723	8, 119 2, 079 6, 040	7, 737 2, 038 5, 699	7, 920 2, 039 5, 881	3, 049 8, 326 1, 973 6, 353	8, 036 1, 948 6, 088	3, 137 8, 879 2, 006 6, 873	
Tofal, end of mo	3 5, 753 3 3, 052 3 735 3 1, 966	\$ 6, 403 \$ 3, 310 \$ 840 \$ 2, 253	6, 408 3, 218 711 2, 479	6, 428 3, 240 706 2, 482	6, 430 3, 259 735 2, 436	6,418 3,280 848 2,290	6, 366 3, 291 858 2, 217	6, 403 3, 310 840 2, 253	6, 460 3, 333 866 2, 261	6, 542 3, 364 849 2, 330	6, 627 3, 406 815 2, 405	6, 727 3, 445 786 2, 496	6, 813 3, 481 747 2, 585	6, 940 3, 516 757 2, 667	7, 048 3, 551 782 2, 715	
Unadjusted: Total (344 centers) bil. \$. New York City do 6 other leading centers¶ do Seasonally adjusted: Total (344 centers) do	286, 4 118, 0 58, 5	312. 9 129. 7 64. 6	320. 7 129. 9 66. 8 320. 1	300. 1 119. 5 61. 9 310. 2	310. 4 130. 3 63. 1 329. 7	337. 2 136. 9 71. 3 326. 7	296. 6 116. 7 63. 8 312. 7	357. 1 151. 0 74. 6 333. 0	360. 8 153. 9 73. 5	294, 9 121, 1 60, 5 316, 1	342, 9 145, 8 71, 1 331, 6	349. 9 148. 2 72. 8 350. 2	329. 6 135. 3 68. 6	7 353. 7 151. 2 70. 9	368. 6 160. 1 72. 9	323. 8 132. 3 65. 8 342. 9
New York City do 6 other leading centers do 337 other centers do			130. 3 66. 9 122. 8	127. 8 63. 3 119. 2	140.1 67.0 122.6	133, 7 69, 4 123, 6	125. 4 67. 3 120. 0	139. 6 69. 7 123. 7	143. 7 69. 6 126. 6	129. 4 65. 5 121. 1	138. 1 68. 4 125. 1	146. 0 72. 4 131. 8	135. 1 67. 7 125. 0	140. 2 67. 5 7 126. 6	157. 0 71. 4 131. 1	145. 5 68. 8 128. 9
Federal Reserve banks, condition, end of mo.: Assets, total 9	³33, 902	3 36,418	55, 594 33, 946	55, 042 34, 134	55, 615 34, 302	56, 336 34, 587	57, 848 35, 919	58, 028 36, 418	56, 389 34, 643	56, 928 35, 274	56, 629 35, 314	57, 101 35, 115	57, 158 36, 066	57, 742 36, 589	57, 882 36, 797	57, 967 36, 941
Discounts and advancesdo U.S. Government securitiesdo Gold certificate reservesdo	3 38 330, 820 3 15, 696	\$ 63 \$ 33,593 \$ 15,237	338 32, 468 15, 346	389 32, 391 15, 291	138 32, 563 15, 309	332 32, 758 15, 310	\$68 33, 667 15, 294	63 33, 593 15, 237	364 32, 752 15, 231	570 33, 169 15, 185	33, 770 15, 190	116 33, 169 15, 195	226 34, 229 15, 176	79 34, 794 15, 185	239 35, 051 15, 188	35, 164 15, 195
Liabilities, total 9	3 18, 722 3 17, 45.1	3 18,391 3 17 049	55, 594 18, 044 16, 971 30, 959	55, 042 17, 860 16, 782 31, 178	55, 615 18, 093 16, 772 31, 265	56, 336 18, 187 16, 922 31, 472	57, 848 18, 200 16, 952 32, 290	58, 028 18, 391 17, 049 32, 877	56,389 18,120 16,983 31,988	56, 928 18, 532 17, 146 31, 899	56, 629 18, 258 17, 060 32, 088	57, 101 17, 913 16, 629 32, 177	57, 158 18, 232 16, 890 32, 411	57, 742 18, 250 16, 973 32, 835	57, 882 18, 445 17, 327 33, 109	57, 96 18, 36 17, 05 33, 33
Ratio of gold certificate reserves to deposit and FR note liabilities combined percent. Revised. P Preliminary. 1 Quarterly average			31.3	31. 2	31. 0	30. 8	30, 3	29. 7		30. 1 to 1957–5	30. 2 9=100.	30.3	30.0			29. 4 1 p. 24 of

r Revised. p Preliminary. 1 Quarterly average.
2 Excludes persons under extended duration provisions (thous.): 1963—July, 45; Aug., 38; Sept., 36; Oct., 31; Nov., 20; Dec., 9; 1964—Jan., 3; Feb., 2; Mar., 1; Apr., 32; May, 54; June, 58 (revised); July, 46. 3 End of year.
4 Revised back to 1951 to incorporate adjustments as follows: Enlargement of sample; updated seasonal factors; new weights for component indexes based on labor force in cities

covered; and shift of index base to 1957-59=100. Monthly data (1948-62) appear on p. 24 of the Mar. 1964 Survey. ® Revisions back to 1959 are available. 18ee corresponding note, bottom p. 8-13. \$Wages as of Sept. 1, 1964: Common labor, \$3.295: skilled labor, \$4.807. \$Insured unemployment as \$\%\$ of average covered employment in a 12-month period. \$Includes Boston, Philadelphia, Chicago, Detroit, San Francisco, and Los Angeles. \$\Q\$ Includes data not shown separately.

Unless otherwise stated, statistics through 1962	1962	1963			19)63					_	19)64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	End o	of year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
			F	INAI	NCE-	-Cont	inue	1		<u>' </u>				<u> </u>	·	<u> </u>
BANKING—Continued															}	
All member banks of Federal Reserve System, averages of daily figures: Reserves held, total	120, 040 119, 468 1 572 1 304 1 268	1 20, 746 1 20, 210 1 536 1 327 1 209	20, 020 19, 537 483 322 161	19, 719 19, 256 463 330 133	19, 945 19, 533 412 321 91	20, 003 19, 596 407 313 94	20, 114 19, 705 409 376 33	20, 746 20, 210 536 327 209	20, 675 20, 248 427 256 171	20, 148 19, 753 395 304 91	20,213 19,856 357 259 98	20, 273 19, 898 375 213 162	20, 219 19, 886 333 255 78	20, 558 20, 170 388 270 118	r20, 663 r20, 266 r397 265 r132	20, 560 20, 149 411 334 77
Weekly reporting member banks of Fed. Res. System, condition, Wed. nearest end of yr. or mo.: Deposits:		25 0				i										
Demand, adjusted description of the state of	5, 125 4, 749	67, 844 104, 335 74, 513 5, 338 4, 556 13, 320 59, 227	63, 281 92, 818 66, 795 4, 968 4, 920 10, 874 55, 581	61, 528 88, 012 64, 024 4, 715 3, 759 10, 710 56, 326	61, 885 95, 237 66, 320 4, 902 6, 229 12, 270	63, 809 90, 875 67, 322 4, 762 2, 304 11, 452	63, 950 93, 771 69, 001 5, 060 2, 714 11, 569	67, 844 104,335 74, 513 5, 338 4, 556 13, 320	64, 940 90, 224 67, 605 4, 926 1, 545 10, 739	62, 565 90, 575 65, 460 5, 188 3, 755 10, 810	95, 811 66, 659 5, 349 5, 130 12, 192	63, 959 91, 232 66, 813 5, 529 2, 948 10, 464	61, 472 91, 474 64, 312 5, 300 4, 997 11, 218	98, 717 67, 206 5, 405 7, 286 11, 784	63, 674 90, 754 66, 397 4, 897 3, 604 10, 441	62, 603 93, 036 65, 980 5, 012 4, 487 12, 010
Time, total ? Individuals, partnerships, and corp.: Savings	34, 920 9, 221 82, 947 35, 351 5, 928 7, 365	38, 083 13, 310 92, 901 38, 793 6, 621 8, 595	36, 741 11, 691 84, 384 35, 014 5, 328 7, 624	36, 896 12, 181 84, 502 35, 204 5, 044 7, 447	56, 711 37, 342 12, 013 87, 366 36, 145 6, 229 7, 731	57, 553 37, 534 12, 639 86, 598 36, 296 5, 407 7, 243	57, 951 37, 699 12, 796 88, 578 37, 254 5, 852 7, 226	59, 227 38, 083 13, 310 92, 901 38, 793 6, 621 8, 595	60, 276 38, 131 14, 057 89, 122 37, 195 5, 929 7, 339	38, 291 14, 390 89, 875 37, 590 5, 695 7, 511	61, 446 38, 704 14, 418 92, 002 38, 308 6, 033 8, 179	62, 223 38, 437 14, 950 92, 208 38, 057 5, 952 7, 881	63, 100 38, 726 15, 468 93, 658 38, 243 6, 598 8, 013	63, 112 39, 053 15, 360 96, 022 38, 785 7 6, 903 8, 887	63, 921 39, 168 15, 943 94, 568 738, 498 6, 384 8, 064	64, 461 39, 474 16, 015 95, 830 39, 111 6, 334 8, 323
Real estate loans do. Other loans do. Investments, total do. U.S. Government obligations, total do. Notes and bonds do. Other securities do.	15, 519 22, 812 48, 147 32, 369 24, 514 15, 778	17, 880 23, 809 48, 404 29, 018 23, 127 19, 386	17, 030 23, 283 47, 601 29, 099 23, 894 18, 502	17, 269 23, 496 46, 624 27, 683 23, 724 18, 941	17, 455 23, 647 47, 618 28, 367 23, 400 19, 251	17, 651 24, 097 47, 156 27, 990 23, 150 19, 166	17, 846 24, 874 46, 720 27, 926 23, 328 18, 794	17, 880 23, 809 48, 404 29, 018 23, 127 19, 386	17, 991 24, 606 46, 746 27, 759 22, 362 18, 987	18, 161 24, 664 46, 972 27, 591 23, 260 19, 381	18, 366 25, 939 46, 371 26, 870 22, 680 19, 501	18, 520 26, 029 46, 472 26, 713 22, 752 19, 759	18, 706 26, 010 46, 133 26, 567 22, 588 19, 566	18, 936 26, 975 7 46, 698 26, 621 22, 420 7 20, 077	19, 120 727, 125 45, 764 25, 701 22, 104 20, 063	19, 322 27, 183 46, 773 26, 218 22, 196 20, 555
for June 30 and Dec. 31 call dates), seas. adjusted: Total loans and investments obil. Loans odo U.S. Government securities do Other securities do	228. 3 133. 9 65. 2 29. 2	246. 5 149. 4 62. 1 35. 0	238. 0 142. 6 62. 6 32. 8	239. 2 143. 6 62. 0 33. 6	241. 5 145. 4 62. 2 33. 9	241. 2 146. 1 60. 8 34. 3	244. 2 148. 4 61. 4 34. 4	246. 5 149. 4 62. 1 35. 0	246. 7 151. 0 60. 8 34. 9	248. 4 151. 8 61. 2 35. 4	251. 4 153. 9 62. 1 35. 4	251. 8 155. 4 60. 8 35. 6	253. 5 157. 3 60. 3 35. 9	255. 1 158. 9 59. 9 36. 3	254. 2 159. 5 58. 3 36. 4	258. 4 161. 3 60. 0 37. 1
Money and interestrates: § Bank rates on short-term business loans: In 19 cities	25.00 24.78 25.01 25.32	2 5. 01 2 4. 79 2 5. 01 2 5. 30			5. 01 4. 81 5. 01 5. 30			5. 00 4. 76 5. 04 5. 29			4. 99 4. 77 5. 02 5. 29			4. 99 4. 74 5. 03 5. 29		
Discount rate, end of year or month (N.Y.F.R. Bank)percentFederal intermediate credit bank loansdoFederal land bank loansdoHome mortgage rates (conventional 1st mortgages):*	3.00 3 4.05 3 5.56	3.50 * 4.26 * 5.50	3.50 4.16 5.50	3. 50 4. 28 5. 50	3. 50 4. 44 5. 50	3. 50 4. 50 5. 50	3. 50 4. 51 5. 50	3. 50 4. 53 5. 50	3. 50 4. 54 5. 50	3. 50 4. 62 5. 50	3. 50 4. 63 5. 50	3. 50 4. 70 5. 50	3, 50 4, 73 5, 50	3. 50 4. 74 5. 50	3. 50 4. 74 5. 50	3. 50
New home purchase (U.S. avg.)percent_ Existing home purchase (U.S. avg.)do		8 5. 84 8 5. 98	5. 82 5. 93	5. 82 5. 93	5. 81 5. 94	5. 82 5. 93	5. 82 5. 97	5. 80 5. 98	5. 8 3 5. 98	5. 81 5. 95	5. 79 5. 94	5. 79 5. 92	5. 77 5. 92	5. 76 5. 89	5. 76 5. 93	
Open market rates, New York City: Bankers' acceptances (prime, 90 days)do Commercial paper (prime, 4-6 months)do Finance Co. paper placed directly, 3-6 modo Stock Exchange call loans, going ratedo	33.01 33.26 33.07 34.50	\$ 3.36 \$ 3.55 \$ 3.40 \$ 4.50	3. 41 3. 49 3. 35 4. 50	3. 59 3. 72 3. 57 4. 50	3. 63 3. 88 3. 63 4. 50	3. 63 3. 88 3. 72 4. 50	3. 71 3. 88 3. 75 4. 50	3. 63 3. 96 3. 84 4. 50	3. 70 3. 97 3. 82 4. 50	3. 75 3. 88 3. 76 4. 50	3, 75 4, 00 3, 83 4, 50	3.80 3.91 3.80 4.50	3. 75 3. 89 3. 76 4. 50	3.75 4.00 3.88 4.50	3. 75 3. 96 3. 81 4. 50	3. 75 3. 88 3. 76 4. 50
Yield on U.S. Government securities (taxable): 3-month bills (rate on new issue)percent 3-5 year issuesdo	³ 2. 778 ³ 3. 57	*3.157 *3.72	3. 143 3. 78	3. 320 3. 81	3. 379 3. 88	3, 453 3, 91	3. 522 3. 97	3, 523 4, 04	3.529 4.06	3, 532 4, 02	3, 553 4, 15	3. 484 4. 18	3.482 4.07	3.478 4.03	3. 479 3. 99	3. 506 3. 99
Savings deposits, balance to credit of depositors: N.Y. State savings banks, end of yr.or momil. \$ U.S. postal savings ¶do	23, 917 539	25, 693 452	24, 777 478	24, 862 472	25, 1 54 466	25, 236 461	25, 368 456	25, 693 452	25, 940 447	26, 089 43 6	26, 411 430	26, 421 425	26, 585 421	26, 900 415	27, 051 411	27, 272 407
CONSUMER CREDIT; (Short- and Intermediate-term)			ŀ					,								
Total outstanding, end of year or monthmil.\$. Installment credit, totaldo Automobile paperdo Other consumer goods paperdo Repair and modernization loansdo Personal loansdo	63, 164 48, 034 19, 540 12, 605 3, 246 12, 643	69, 890 53, 745 22, 199 13, 766 3, 389 14, 391	65, 491 50, 894 21, 593 12, 459 3, 316 13, 526	66, 308 51, 526 21, 819 12, 607 3, 357 13, 743	66, 538 51, 718 21, 725 12, 702 3, 377 13, 914	67, 088 52, 257 21, 971 12, 845 3, 400 14, 041	67, 746 52, 695 22, 107 13, 046 3, 407 14, 135	69, 890 53, 745 22, 199 13, 766 3, 389 14, 391	69, 203 53, 597 22, 189 13, 638 3, 354 14, 416	68, 786 53, 552 22, 271 13, 467 3, 335 14, 479	68, 913 53, 795 22, 471 13, 451 3, 321 14, 552	69, 816 54, 382 22, 830 13, 476 3, 328 14, 748	70, 945 55, 120 23, 255 13, 599 3, 364 14, 902	71, 907 55, 914 23, 702 13, 730 3, 395 15, 087	72, 456 56, 496 24, 024 13, 813 3, 426 15, 233	
By type of holder: Financial Institutions, total do. Commercial banks do. Sales finance companies do. Credit unions do. Consumer finance companies do. Other do.	41, 782 19, 005 12, 194 4, 902 4, 131 1, 550	46, 992 21, 610 13, 523 5, 622 4, 590 1, 647	44, 878 20, 874 12, 807 5, 330 4, 276 1, 591	45, 375 21, 101 12, 906 5, 412 4, 329 1, 627	45, 687 21, 145 13, 073 5, 458 4, 381 1, 630	46, 161 21, 391 13, 187 5, 529 4, 425 1, 629	46, 462 21, 486 13, 302 5, 569 4, 461 1, 644	46, 992 21, 610 13, 523 5, 622 4, 590 1, 647	47, 300 21, 630 13, 840 5, 584 4, 592 1, 654	47, 454 21, 799 13, 788 5, 607 4, 595 1, 665	47, 653 21, 919 13, 802 5, 668 4, 597 1, 667	48, 191 22, 224 13, 893 5, 776 4, 628 1, 670	48, 824 22, 559 14, 027 5, 889 4, 657 1, 692	49, 543 22, 907 14, 228 6, 014 4, 701 1, 693	50, 082 23, 176 14, 359 6, 109 4, 748 1, 690	
Retail outlets, total	6, 252 3, 013 1, 073 345 1, 821 15, 130 5, 456	6, 753 3, 427 1, 086 328 1, 912 16, 145 5, 959	6, 016 2, 999 994 343 1, 680 14, 597 5, 683	6, 151 3, 107 1, 004 341 1, 699 14, 782 5, 789	6, 031 3, 025 1, 009 321 1, 676 14, 820 5, 844	6,096 3,077 1,015 325 1,679 14,831 5,830	6, 233 3, 172 1, 032 326 1, 703 15, 051 5, 894	6, 753 3, 427 1, 086 328 1, 912 16, 145 5, 959	6, 297 3, 063 1, 065 328 1, 841 15, 606 5, 900	6,098 2,949 1,047 330 1,772 15,234 5,958	6, 142 3, 044 1, 022 334 1, 742 15, 118 6, 002	6, 191 3, 106 1, 013 340 1, 732 15, 434 6, 048	6, 296 3, 182 1, 020 348 1, 746 15, 825 6, 206	6, 371 3, 231 1, 028 355 1, 757 15, 993 6, 233	6, 414 3, 267 1, 037 360 1, 750 15, 960 6, 218	
Single-payment toans, total	5, 456 4, 690 766	5, 959 5, 047 912	4,874	5, 789 4, 879 910	5, 844 4, 927 917	4, 952 878	4, 987 907	5, 047 912	4, 991 909	5, 036 922	5, 076 926	5, 152 896	5, 230 976	5,313 920	5, 329 889	

r Revised.

1 Average for Dec.

2 Quarterly average.

3 Monthly average.

3 Honthly average.

3 For demand deposits, the term "adjusted" denotes demand deposits other than domestic commercial interbank and U.S. Government, less cash items in process of collection; for loans, exclusive of loans to domestic commercial banks and after deduction of valuation reserves (individual loan items are shown gross; i.e., before deduction of valuation reserves).

3 Includes data not shown separately.

4 Data have been revised as follows: Commercial bank credit (seas. adj. only), back to 1948; consumer credit—unadj., back to 1962;

seas. adj., back to 1960. Revisions are available as follows: Commercial bank credit, 1948-63, in the June 1964 Fed. Res. Bulletin; consumer credit—1962 unadj., in the Nov. 1963 Fed. Res. Bulletin; 1960-62 seas. adj., on p. 28 of the June 1964 Survey. OAdjusted to exclude interbank loans. § For bond yields, see p. S-20.

*New series (FHLBB); data prior to Dec. 1962 not available. ¶Data are as of end of consecutive 4-week periods ending in month indicated, except June figure which is as of June 30 (end of fiscal year).

Unless otherwise stated, statistics through 1962	1962	1963			19	963						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
			F	INAN	ICE-	-Cont	inued							·	·	<u> </u>
CONSUMER CREDIT Continued																
Total outstanding, end of year or month—Con.	5, 684 927 4, 252 505 3, 990	5, 871 895 4, 456 520 4, 315	4, 760 555 3, 682 523 4, 154	4, 839 579 3, 713 547 4, 154	4, 833 620 3, 667 546 4, 143	4, 898 639 3, 743 516 4, 103	4, 999 667 3, 817 515 4, 158	5, 871 895 4, 456 520 4, 315	5, 339 782 4, 014 543 4, 367	4, 805 655 3, 590 560 4, 471	4, 634 614 3, 485 535 4, 482	4, 833 610 3, 667 556 4, 553	5, 099 626 3, 910 563 4, 520	5, 238 610 4, 028 600 4, 522	5, 240 576 4, 008 656 4, 502	
Installment credit extended and repaid: Unadjusted: Extended, total	4, 594 1, 650 1, 307 1, 637 4, 218 1, 456 1, 245 1, 517	5. 068 1, 834 1, 417 1, 817 4, 593 1, 613 1, 320 1, 659	5, 365 2, 055 1, 393 1, 917 4, 778 1, 698 1, 356 1, 724 5, 100 1, 854 1, 409	5, 242 1, 839 1, 456 1, 947 4, 610 1, 613 1, 308 1, 689 5, 100 1, 802	4, 755 1, 524 1, 384 1, 847 4, 563 1, 618 1, 289 1, 656 5, 093 1, 730	5, 487 2, 040 1, 547 1, 900 4, 948 1, 794 1, 404 1, 750 5, 311 1, 910	4, 981 1, 734 1, 517 1, 730 4, 543 1, 598 1, 316 1, 629 4, 979 1, 792	5, 974 1, 767 2, 094 2, 113 4, 924 1, 675 1, 374 1, 875 5, 272 1, 914	4, 784 1, 689 1, 380 1, 715 4, 932 1, 699 1, 508 1, 725 5, 276 1, 888	4, 552 1, 686 1, 212 1, 654 4, 597 1, 604 1, 383 1, 610 5, 421 1, 953	5, 322 1, 983 1, 488 1, 851 5, 079 1, 783 1, 504 1, 792 5, 480 1, 942	5, 578 2, 127 1, 495 1, 956 4, 991 1, 768 1, 470 1, 753 5, 371 1, 961	5, 584 2, 137 1, 547 1, 900 4, 846 1, 712 1, 424 1, 710 5, 552 2, 023	5, 949 2, 245 1, 632 2, 072 5, 155 1, 798 1, 501 1, 856 5, 399 1, 962	5, 747 2, 166 1, 543 2, 038 5, 165 1, 844 1, 460 1, 861 5, 541 1, 996	
Other consumer goods paper			1, 409 1, 837 4, 591 1, 603 1, 330 1, 658	1, 441 1, 857 4, 619 1, 607 1, 326 1, 686	1, 425 1, 938 4, 752 1, 659 1, 347 1, 746	1, 457 1, 944 4, 780 1, 676 1, 362 1, 742	1, 432 1, 755 4, 596 1, 638 1, 324 1, 634	1, 523 1, 835 4, 812 1, 707 1, 384 1, 721	1, 493 1, 895 4, 848 1, 684 1, 441 1, 723	1, 578 1, 890 4, 842 1, 716 1, 395 1, 731	1, 665 1, 873 4, 956 1, 735 1, 468 1, 753	1,544 1,866 4,959 1,759 1,453 1,747	1, 589 1, 940 5, 059 1, 776 1, 483 1, 800	1, 537 1, 900 5, 029 1, 768 1, 486 1, 775	1, 546 1, 999 5, 058 1, 781 1, 448 1, 829	
Net cash transactions with the public:\(\sigma^n\) Receipts from			4, 693 10, 045 -5, 353	10, 960 11, 287 -328	11, 652 9, 549 2, 102 28, 472 30, 395	4, 423 10, 740 -6, 318		10, 503 10, 069 433 28, 976 29, 962	6, 628 9, 848 -3, 219		12, 168 9, 390 2, 778 29, 668 30, 491 -823	8, 334 10, 163 -1, 829		14, 286 10, 290 3, 996 28, 438 29, 341 -903	4, 745 10, 217 -5, 472	
Excess of receipts, or payments (-)	8, 983 7, 059 103 4, 340 1, 821	9, 523 7, 293 105 4, 525 1, 897	4, 871 3, 547 117 1, 676 574	9, 977 7, 290 108 5, 785 386	-1, 923 11, 722 10, 095 104 5, 350 3, 603	4, 371 3, 400 123 1, 651 557	8, 911 7, 131 106 5, 541 396	-986 10, 379 8, 803 103 3, 582 3, 726	6, 580 5, 853 101 3, 873 583 404	12, 235 8, 047 87 6, 975 451 2, 835	13, 961 10, 148 108 3, 991 6, 654 1, 579	9, 559 6, 609 109 5, 895 684 1, 106	10, 525 6, 136 100 5, 398 491 2, 864	*14, 438 *12, 310 ** 117 ** 4, 810 ** 6, 196 ** 1, 460	5, 131 3, 487 120 1, 549 646 624	
Employment taxes	1, 108 1, 612 7, 659 796 442 4, 425 2, 052	1,346 1,650 7,849 852 439 4,414 2,189	537 1, 967 7, 863 882 468 4, 178 2, 579	2, 064 1, 633 8, 305 850 466 4, 469 2, 572	1, 098 1, 567 7, 815 856 438 4, 215 2, 334	468 1, 571 8, 776 865 463 4, 710 2, 750	1, 440 1, 428 7, 784 863 454 4, 081 2, 386	1, 147 1, 820 8, 289 903 455 4, 515 2, 442	1,619 8,492 925 481 4,348 2,819	1, 887 7, 521 880 450 4, 365 1, 946	1, 629 7, 871 907 455 4, 378 2, 143	1, 765 7, 930 895 415 4, 564 2, 071	1, 672 7, 511 899 449 4, 666 1, 523	p 1, 455 p 9, 513 p 948 p 500 r p 5,677 r p 2,435	7, 410 957 442 3, 530 2, 958	
Public debt and guaranteed obligations: Gross debt (direct), end of mo., total	1 303. 47 1 299. 21 1 255. 78 1 11. 99 1 43. 43 1 4. 26	1309.35 1305.21 1261.56 114.14 143.66 14.13	13.20	306, 54 302, 52 257, 01 13, 21 45, 52 4, 01	306. 64 302. 66 258. 01 13. 48 44. 65 3. 97	306, 44 302, 46 259, 18 13, 76 43, 28 3, 98	308. 22 304. 09 260. 54 14. 01 43. 55 4. 12	309. 35 305. 21 261. 56 14. 14 43. 66 4. 13	308. 58 304. 50 262. 58 14. 44 41. 92 4. 08	310. 36 306. 13 263. 25 14. 39 42. 88 4. 22	309, 59 305, 40 262, 18 14, 23 43, 22 4, 18	307. 60 303. 38 261. 38 13. 93 42. 00 4. 22	311. 53 307. 21 262. 18 14. 16 45. 03 4. 32	311. 71 307. 36 260. 73 14. 34 46. 63 4. 36	311. 18 306. 86 261. 12 14. 02 45. 74 4. 33	314. 09 309. 62 262. 18 47. 44 4. 46
Guaranteed obligations not owned by U.S. Treasury, end of month	1.52 147.87 .36 .47	1.74 149.03 .40 .42	.65 48.58 .41 .44	. 67 48. 70 . 40 . 39	. 69 48. 74 . 35 . 42	.71 48.82 .39 .42	.72 48.93 .33 .34	.74 49.03 .36 .39	. 76 49. 11 . 47 . 53	. 79 49. 21 . 41 . 43	.82 49.26 .40 .48	. 80 49. 30 . 38 . 45	.80 49.37 .37 .41	.81 49.44 .38 .45	.82 49.50 .39 .47	. 85 49. 57 . 36 . 41
Institute of Life Insurance: Assets, total, all U.S. life insurance companies §									141.05				144.01	,,,,	}	
bil bil	1 133.29 1 63.72 1 6.17 1 4.03 1 16.51 1 3.48 1 28.64		65. 58 5. 84 3. 95 16. 49 3. 48 30. 07	138. 36 65. 72 5. 81 3. 94 16. 49 3. 48 30. 23	65. 79 5. 82 3. 89 16. 46 3. 47 30. 33	139. 61 66. 08 5. 83 3. 89 16. 47 3. 46 30. 62	140. 21 66. 36 5. 79 3. 89 16. 48 3. 45 30. 98	140. 90 66. 10 5. 76 3. 88 16. 43 3. 43 30. 94	141. 87 66. 63 5. 78 3. 86 16. 44 3. 42 31. 41	66, 79 5, 80 3, 86 16, 42 3, 42 31, 46	143. 07 66. 76 5. 73 3. 85 16. 44 3. 41 31. 51	143. 68 66. 91 5. 69 3. 85 16. 43 3. 41 31. 64	67. 11 5. 73 3. 83 16. 47 3. 40 31. 76	67. 12 5. 63 3. 82 16. 47 3. 39 31. 90		
Stocks (book value), domestic and foreign, total bil. \$ Preferred (U.S.) do Nonfarm do do Real estate do	1 6.30 1 2.18 1 4.03 1 46.90 1 43.50 1 4.11 1 6.23		5. 45 2. 28 3. 08 48. 66 45. 03 4. 26 6. 51	5. 50 2. 29 3. 11 48. 96 45. 29 4. 31 6. 55	5. 56 2. 30 3. 17 49. 23 45. 52 4. 34 6. 58	5. 56 2. 29 3. 18 49. 54 45. 80 4. 36 6. 62	5, 58 2, 31 3, 18 49, 81 46, 06 4, 37 6, 65	5. 68 2. 34 3. 25 50. 54 46. 75 4. 35 6. 69	5. 74 2. 35 3. 29 50. 83 47. 01 4. 37 6. 73	5. 77 2. 35 3. 32 51. 13 47. 27 4. 38 6. 77	5. 85 2. 36 3. 39 51. 44 47. 52 4. 39 6. 82	5. 90 2. 37 3. 43 51. 81 47. 82 4. 40 6. 87	5. 94 2. 39 3. 44 52. 12 48. 08 4. 42 6. 91	6. 02 2. 42 3. 49 52. 47 48. 38 4. 44 6. 96		
Cash do Other assets do Disability payments do Disability payments do Disability payments do Disability payments do Annuity payments do Disability Disabil	11.46 14.57 777.1 323.2 59.5 11.8 69.8	835. 7 350. 7 67. 4 12. 9 75. 1	1. 26 5. 94 798. 3 352. 3 63. 9 13. 5 80. 3	1. 25 6. 07 780. 6 343. 8 64. 7 12. 7 62. 3	1. 34 5. 92 798. 5 324. 6 63. 8 12. 6 71. 9	1. 34 6. 11 860. 7 368. 1 70. 6 13. 1 76. 0	1.32 6.11 731.3 307.5 67.4 11.5 71.9	1, 44 6, 10 1, 083, 0 369, 7 73, 1 14, 8 74, 4	1. 28 6. 29 885. 8 400. 3 78. 7 12. 6 93. 2	1. 27 6. 43 838. 2 364. 6 72. 1 12. 1 77. 4	1. 28 6. 53 938. 0 397. 6 81. 3 13. 8 82. 5	1. 17 6. 61 885. 5 386. 5 75. 5 13. 7 79. 6	1. 18 6. 64 830, 2 356, 9 72, 0 13, 7 75, 0	917. 4 377. 7 78. 1		
Surrender valuesdodo	147. 7 165. 0	149. 1 180. 4	150. 1 138. 2	154.1 143.0	143. 7 181. 9	149. 4 183. 5	127. 1 145. 9	163. 5 387. 5	151. 5 149. 5	146. 6 165, 4	167. 3 195. 5	158. 5 171. 7	147. 8 164. 8	165. 7 202. 0		

r Revised. P Preliminary. 1 End of year; assets of life insurance companies are annual statement values. See similar note on p. S-17. 7 Other than borrowing. Revisions available upon request are as follows: Net cash transactions with the public (seas. adj.), 1962-ist qtr. 1963; assets all life insurance cos., Jan.-May 1963.

 \P Data for net receipts and total expenditures reflect exclusion of certain interfund transactions.

Unless otherwise stated, statistics through 1962	1962	1963		···	19	63]			1	964			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		thly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
		<u> </u>	I	INAN	NCE-	-Cont	inued	l	<u>' </u>		·	<u>' </u>	<u> </u>			:
LIFE INSURANCE—Continued		1							j							
Life Insurance Agency Management Association: Insurance written (new paid-for insurance): ‡ Value, estimated total	6, 631 4, 686 1, 358 587	7, 455 5, 284 1, 574 596	7, 179 5, 192 1, 417 570	7, 082 5, 149 1, 339 594	7, 361 5, 099 1, 662 600	8, 406 5, 996 1, 764 646	7, 537 5, 548 1, 388 601	9, 281 6, 096 2, 651 534	6, 932 5, 070 1, 350 512	7, 563 5, 336 1, 609 618	8, 553 6, 124 1, 798 631	9, 090 6, 308 2, 174 608	7, 987 5, 913 1, 427 647	8, 917 6, 155 2, 140 622	7, 695 5, 836 1, 286 573	
Premiums collected: Total life insurance premiumsdo. Ordinarydo Group and wholesaledo Industrialdo.	1, 052 778 155 120	1, 125 842 167 116	1, 127 853 166 108	1, 127 847 174 106	1, 066 799 160 106	1, 154 876 170 108	1, 065 811 150 105	1, 351 929 205 217	1, 168 889 173 106	1, 152 878 164 110	1, 179 897 177 105	1, 157 879 176 102	1, 135 856 172 107	1,174 883 190 100		
MONETARY STATISTICS	·															1
Gold and silver: Gold: Monetary stock, U.S. (end of yr. or mo.) mil. \$. Net release from earmark \$. Exports thous. \$. Imports do.	1 15, 978 -66 31, 747 12, 578	115, 513 -21 16, 982 3, 701	15, 633 -169 189 9, 769	15, 582 -44 83 7, 566	15, 582 -3 56, 286 1, 321	15, 583 107 28, 139 1, 749	15, 582 23 28, 416 2, 094	15, 513 94 28, 142 2, 489	15, 512 55 56, 294 2, 404	15, 462 15 84, 438 2, 011	15, 461 109 28, 334 2, 357	15, 462 49 56, 307 1, 813	15, 463 -21 28, 155 1, 855	15, 461 -48 4 2, 379	15, 462 43 28, 146 2, 082	15, 461
Production, world total mil. \$ South Africa do Canada do United States do	2107.9 74.4 12.1 4.5	2 112. 5 80. 0 11. 6 4. 3	81. 6 10. 9	81. 7 11. 7	80. 9 11. 5	82. 0 12. 2	81. 6 11. 7	78. 6 10. 8	78. 7 10. 7	79. 9 9. 8	84. 9 10. 3	82. 3 11. 6	10. 7			
Silver:	1, 262 6, 208 3 1. 084	3, 480 5, 910 1, 279	265 6, 013 1. 290	1, 624 4, 865 1, 288	2, 945 6, 798 1, 293	5, 756 7, 178 1. 293	11, 439 4, 658 1, 293	3, 780 6, 433 1, 293	5, 230 6, 638 1. 293	7, 010 6, 189 1, 293	4, 623 6, 007 1. 293	11, 310 3, 097 1. 293	3, 883 7, 168 1, 293	4, 672 5, 010 1. 293	6, 341 6, 707 1. 293	1, 293
Canada	4 3, 029	2, 487 3, 286 3, 843	2, 216 3, 587 3, 806	2, 908 3, 350 3, 328	2, 285 3, 245 3, 707	2, 707 2, 542 3, 218	2,890 3,489 3,682	2, 263 3, 373 3, 593	2. 550 3, 321 3, 000	1, 986 3, 924 4, 150	2, 224 3, 049 3, 776	2, 372 3, 444 3, 996	2, 673 3, 974	4, 879		
Currency in circulation, end of yr. or mobil. \$ Money supply and related data (avg. of daily fig.):	1 35. 3	1 37. 7	35. 7	35.8	35. 9	36. 2	37. 2	37.7	36. 2	36. 3	36.8	36.9	37.2	37.7	37.8	
Unadjusted for seas, variation: Total money supply	5 30.1	5 150. 6 5 31. 5 5 119. 0 5 105. 5 5 5. 9	149. 5 31. 8 117. 7 106. 2 7. 8	149. 2 31. 9 117. 3 107. 5 6. 3	150. 6 31. 9 118. 6 108. 3 6. 6	152. 5 32. 1 120. 4 109. 5 5. 3	154. 8 32. 6 122. 1 110. 2 4. 4	157. 2 33. 1 124. 1 111. 0 5. 2	157. 8 32. 4 125. 4 113. 2 4. 2	153. 8 32. 3 121. 5 114. 6 4. 8	152. 9 32. 6 120. 3 115. 7 6. 1	\$ 155.0 32.7 \$ 122.3 116.7 4.2	152. 4 33. 0 119. 4 118. 1 6. 9	153. 6 33. 3 120. 3 119. 2 7. 8	155. 2 33. 7 121. 5 120. 1 7. 0	155, 1 33, 8 121, 3 121, 1 6, 4
Adjusted for seas. variation: Total money supply			151. 0 31. 6 119. 4 105. 6	151. 2 31. 8 119. 5 107. 1	151. 6 31. 9 119. 7 108. 1	152. 3 32. 0 120. 3 109. 3	153. 5 32. 3 121. 2 111. 1	153. 2 32. 4 120. 7 112. 3	153. 8 32. 6 121. 2 113. 9	153. 8 32. 7 121. 1 115. 1	154. 2 32. 9 121. 3 115. 7	\$ 154. 5 33. 0 \$ 121. 5 116. 4	154. 5 33. 3 121. 3 117. 4	155. 6 33. 4 122. 1 118. 5	156. 7 33. 5 123. 3 119. 4	157. 2 33. 7 123. 5 120. 6
Turnover of demand deposits except interbank and U.S. Govt., annual rates, seas. adjusted: Total (344 centers)ratio of debits to deposits. New York City	41. 5 77. 8 41. 2 27. 7	44. 3 84. 8 44. 6 29. 0	45.8 85.1 46.8 30.3	44. 9 88. 9 44. 2 29. 5	46. 8 96. 9 46. 7 29. 9	46. 2 87. 2 48. 4 30. 1	43. 6 80. 7 46. 0 29. 0	46. 3 89. 0 47. 5 29. 8	47. 1 92. 1 47. 8 30. 6	44. 8 86. 2 45. 4 29. 5	46. 7 91. 6 46. 9 30. 1	49. 1 95. 5 49. 3 31. 6	46. 8 90. 9 47. 6 30. 4	47. 5 94. 5 47. 1 30. 5	50.3 103.8 49.1 31.2	47. 6 96. 0 47. 1 30. 5
PROFITS AND DIVIDENDS (QTRLY.)		<u> </u>														
Manufacturing corps. (Fed. Trade and SEC): Net profit after taxes, all industries	64, 430 6 342 6 88	6 4, 871 6 362 6 88			4, 785 417 97			5, 461 397 103			5, 121 341 85		 	6, 121 400 108		
Paper and allied products do	6 41 6 157 6 560 6 809 6 145 6 133 6 180	6 62 6 158 6 607 6 958 6 148 6 141 6 234			96 153 606 938 204 129 184			55 194 636 1, 117 145 160 265			61 162 630 1,022 70 174 262			93 194 765 960 217 200 325		
Fabricated metal products (except ordnance, machinery, and transport, equip.)	6 152 6 327 6 305 6 110 6 572	6 167 6 358 6 325 6 111 6 640			202 362 312 114 365			171 363 370 109 807			152 416 323 111 822			227 553 361 150 945		
All other manufacturing industriesdo Dividends paid (cash), all industriesdo Electric utilities, profits after taxes (Federal Reserve):	\$ 508 \$ 2,320 \$ 516	\$ 510 \$ 2,467 \$ 546			607 2, 164 529			570 3, 131 532			489 2, 410 660			622 2, 600 542		
Transportation and communications (see pp. S-23 and S-24).		010			020			002			300			012		
SECURITIES ISSUED														İ		
Securities and Exchange Commission: Estimated gross proceeds, total	2, 496 2, 352 747 109 35	2, 635 2, 521 906 85 29	2, 089 1, 989 710 65 35	1, 980 1, 880 656 61 39	1,673 1,586 784 81 5	2, 977 2, 852 992 91 34	2, 117 1, 958 732 106 54	2, 312 2, 229 1, 376 53 30	2, 482 2, 360 863 95 27	2,022 1,933 621 80 8		r 4, 930 r 3, 559 r 863 r 1, 349 r 23	r 2, 267 r 2, 119 r 1, 008 98 50	3, 056 2, 686 1, 091 289 82	2, 486 2, 261 668 167 57	

^{&#}x27;Revised. ¹ End of year. ² Estimated; excludes U.S.S.R., other Eastern European countries, China Mainland, and North Korea. ³ Effective Aug. 1962 for silver in commercial bar form (priced ¼ cent higher than on former basis; ¾0 cent higher effective Nov.15, 1962). ⁴ Based on refinery production (U.S. Bu. of Mint data); not comparable with later figures shown, which are from Amer. Bu. of Metal Statistics. ⁵ Average of daily figures. ⁶ Quarterly average. ∊ Corrected.

tRevisions will be shown later as follows: Insurance written for Jan.—Apr. 1963 (all series) and 1962 (total and ordinary); profits of electric utilities, 1962; securities issued, 1961–62 Revisions back to 1947 for money supply and related data are available in the June 1964 Fed. Res. Bulletin; these revisions result from adjustments to new benchmarks and from revisions of seasonal factors beginning 1955.

Sor increase in earmarked gold (—).

Time deposits at all commercial banks other than those due to domestic commercial banks and the U.S. Govt.

The deposits at all commercial banks other than those due to domestic commercial banks and the U.S. Govt.

The deposits at all commercial banks other than those due to domestic commercial banks and the U.S. Govt.

The deposits at all commercial banks other than those due to domestic commercial banks and the U.S. Govt.

The deposits at all commercial banks other than those due to domestic commercial banks and the U.S. Govt.

	1000	1 2000	Γ			000			T				964			
Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		1963	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
	ave	erage	!	FINAL	l -	<u> </u>		<u> </u>	<u> </u>				1			1
SECURITIES ISSUED—Continued	1		i	1	1	[1		1	1			1	Ī		<u> </u>
Securities and Exchange Commission —Continued Estimated gross proceeds—Continued By type of issuer:	892	1,020	810	750	871	1, 116	891	1, 459	985	710	805	7 2, 234	r 1, 155	1, 461	892	
Corporate, total \(\frac{2}{2} \)	271 17 235 19 109 158	295 18 222 36 91 260	330 4 191 26 92 93	756 279 13 124 8 97 161	287 6 79 51 40 358	247 18 278 17 46 453	226 17 174 27 16 345	531 2 203 44 65 426	166 54 137 30 159 335	710 128 10 161 35 84 113	165 30 195 24 36 329	7 195 7 45 7 174 48 7 1,385 7 270	7 217 7 14 7 501 25 27 7 232	374 20 271 22 269 459	225 8 227 54 24 285	
Noncorporate, total Q do U.S. Government. do State and municipal do	1, 604 716 713	1, 615 601 842	1, 279 413 789	1, 224 398 726	802 347 452	1, 861 394 1, 282	1, 226 333 688	853 357 483	1,497 474 1,006	1, 312 413 810	1, 316 399 844	7 2, 696 1, 444 1, 204	71,112 367 660	1,595 383 900	1, 593 387 922	
New corporate security issues: Estimated net proceeds, totaldo Proposed uses of proceeds:	875	1,007	797	745	862	1, 101	879	1, 444	972	702	796	r 2, 215	1,141	1, 441	877	
New money, total	687 471 216 63 126	749 450 299 127 130	588 374 214 121 89	566 269 297 107 71	730 373 357 67 65	912 368 544 88 100	606 354 252 61 212	1, 098 674 424 30 316	845 473 372 43 85	523 330 193 17 162	677 341 336 42 77	7 2, 094 7 1, 788 7 306 7 37 7 83	7 953 7 662 7 292 7 72 7 116	1, 292 720 572 63 86	716 455 262 81 80	
Other purposesdoState and municipal issues (Bond Buyer): Long-termdodo Short-termdo	713 397	842 457	789 392	726 567	452 283	1, 282 427	688 613	483 259	1, 006 267	810 470	844 593	1, 204 869	660 515	900	r 922 r 222	742
SECURITY MARKETS					į				ĺ			ļ				
Brokers' Balances (N.Y.S.E. Members Carrying Margin Accounts)									ļ					1		
Cash on hand and in banks	1 4, 149 1 1, 216	1 461 1 5, 541 1 1, 210 1 4, 481	423 4, 920 1, 126 3, 865	406 5, 057 1, 093 3, 956	5, 356 1, 180 4, 169	5, 524 1, 176 4, 251	478 5, 621 1, 211 4, 485	461 5, 541 1, 210 4, 481	464 5, 546 1, 262 4, 251	5, 405 1, 199 4, 191	5, 387 1, 231 4, 156	458 5, 531 1, 165 4, 428	448 5, 458 1, 138 4, 475	7 466 7 5, 388 1, 146 4, 431	451 5, 314 1, 114 4, 395	4, 281
Bonds Prices:					! 											
Standard & Poor's Corporation: Industrial, utility, and railroad (A1+ issues): Composite (19 bonds)dol. per \$100 bond- Domestic municipal (15 bonds)do	96. 2 112. 1	96. 8 111. 3	96. 6 110. 3	96. 5 111. 4	95. 9 110. 7	95. 9 109. 9	95. 9 108. 5	95. 4 109. 5	95. 3 111. 2	95. 7 112. 3	95. 2 109. 9	94. 6 110. 3	94. 7 111. 6	94.9 111.8	95. 2 112. 1	95. 3 111. 8
U.S. Treasury bonds, taxable¶dodo Sales: Total, excl. U.S. Government bonds (SEC):	86. 94	86. 31	86. 16	86. 45	85. 77	85. 50	85. 03	84.64	84. 42	84.60	84. 10	83.84	84.38	84.70	84. 70	84. 59
All registered exchanges: Market value	148.83	145. 04 137. 82	116. 30 113. 84	128. 95 120. 99	120. 86 113. 87	131. 47 121. 30	162. 77 158. 36	322. 41 240. 58	286. 79 253. 71	230. 97 213. 65	253, 06 240, 93	288. 43 228. 37	257. 85 236. 45	242, 25 229, 17	247. 56 227. 28	
Market valuedodo Face valuedo New York Stock Exchange, exclusive of some	1	138. 94 132. 17	110. 37 109. 00	123, 41 116, 29	113.14 107.96	122, 60 114, 33	158. 16 153. 92	317, 40 235, 87	280. 62 248. 73	226, 21 209, 23	244. 06 232. 30	282. 05 222. 06	252, 29 2 31 , 22	235, 66 221, 26	238. 63 218. 63	
Stopped sales, face value, totalmil. \$ Yields: Domestic corporate (Moody's)percent	121. 21 4. 62	123. 61 4. 50	95. 87 4. 49	106. 74 4. 50	94. 41 4. 52	107, 04 4, 52	173.13 4.54	234. 32 4. 55	284.85 4.56	226, 12 4, 55	212. 95 4. 56	226. 94 4. 58	200. 45 4. 59	215, 15 4, 59	190.12	166. 90 4. 57
By ratings: Aaadodo	4. 33	4. 26	4.26	4.29	4.31	4. 32	4. 33	4.35	4. 37	4.36	4. 38	4, 40	4.41	4.41	4.40	4. 41
Aadodo Adodo Baado	4. 47 4. 65 5. 02	4. 39 4. 48 4. 86	4.39 4.47 4.84	4.40 4.48 4.83	4. 41 4. 50 4. 84	4. 43 4. 51 4. 83	4, 44 4, 54 4, 84	4. 46 4. 54 4. 85	4. 49 4. 56 4. 83	4.46 4.56 4.83	4. 47 4. 56 4. 83	4. 49 4. 59 4. 85	4.50 4.60 4.85	4.51 4.60 4.85	4.50 4.58 4.83	4. 49 4. 57 4. 82
By groups: Industrial	4. 47 4. 51 4. 86	4. 42 4. 41 4. 65	4. 43 4. 42 4. 62	4. 45 4. 42 4. 63	4. 46 4. 44 4. 65	4, 47 4, 44 4, 66	4. 47 4. 45 4. 68	4. 48 4. 49 4. 68	4. 50 4. 51 4. 68	4. 48 4. 51 4. 67	4. 49 4. 51 4. 67	4, 53 4, 53 4, 69	4. 54 4. 53 4. 69	4. 54 4. 55 4. 70	4. 52 4. 54 4. 68	4. 52 4. 54 4. 65
Bond Buyer (20 bonds)do Standard & Poor's Corp. (15 bonds)do	3. 14 3. 18	3. 18 3. 23	3. 12 3. 29	3. 15 3. 22	3. 19 3. 27	3. 24 3. 32	3. 31 3. 41	3.26 3.34	3. 13 3. 23	3. 17 3. 17	3. 32 3. 32	3. 26 3. 29	3.16 3.21	3. 20 3. 20	3. 19 3. 18	3. 19 3. 20
U.S. Treasury bonds, taxable⊙do	3.95	4.00	4.01	3. 99	4.04	4.07	4. 10	4. 14	4. 15	4. 14	4. 18	4. 20	4.16	4.13	4.13	4. 14
Stocks Cash dividend payments publicly reported:												ŀ]	
Total dividend payments mil. \$ Finance do	2 15, 076 2 2, 360	2 16, 188 2 2, 487	1, 081. 5 220. 7	454.3 96.0	2, 230. 6 233. 1	1, 071. 4 216. 9	480. 7 124. 8	3, 316. 7	1, 187. 5 305. 1	594. 7 209. 3	2, 377. 0 240. 2	1, 131. 1 221. 2	454. 2 104. 0	2, 566. 0 229. 3	1, 157. 8 241. 1	475. 3 115. 5
Manufacturing do Manufacturing do Mining do Public utilities: Communications do	27, 823 3 549 3 1, 411	28, 510 2 582 2 1, 456	355. 5 15. 5	96. 0 170. 1 2. 8 3. 0	1, 406. 0 110. 0	358. 4 15. 1 244. 5	165. 6 3. 4 3. 2	2, 164. 8 175. 1 124. 2	346. 2 18. 1 247. 0	170.8 2.2 3.0	1, 542, 9 110, 6 109, 6	353. 3 18. 2 289. 4	164. 5 3. 9 3. 5	1,722.5 112.3 111.6	362. 1 16. 6 288. 7	166. 2 4. 1 3. 2
Electric and gas do Ratiroads do Trade do Miscellaneous do	2 1, 773 2 353 2 606 2 201	2 1, 900 2 377 2 642 2 232	133. 9 16. 7 64. 2 16. 6	131. 9 8. 7 32. 2 9. 6	215. 1 56. 4 62. 1 27. 8	134. 9 21. 2 62. 9 17. 5	136. 7 6. 2 30. 4 10. 4	216. 8 87. 6 62. 4 36. 6	135. 0 26. 4 90. 2 19. 5	140.1 8.8 47.7 12.8	223. 8 62. 4 57. 4 30. 1	140, 1 23, 8 66, 7 18, 4	137. 5 5. 7 23. 7 11. 4	225. 8 63. 9 65. 6 35. 0	141. I 21. 1 70. 3 16. 8	139. 7 8. 9 26. 2 11. 5
Dividend rates and prices, common stocks (Moody's): Dividends per share, annual rate (200 stocks)	E 00	A 40	a		٠,٠	0 54	4.00	6.00	0.00	e 01	2.09		2.5=	0.00	W 00	
dollars	5. 99 6. 43 2. 97 3. 36 4. 30 5. 31	6. 42 6. 98 3. 21 3. 50 4. 46 5. 84	6. 41 6. 97 3. 21 3. 48 4. 45 5. 84	6. 41 6. 97 3. 23 3. 48 4. 45 5. 86	6. 41 6. 97 3. 30 3. 49 4. 45 5. 86	6. 51 7. 10 3. 30 3. 60 4. 45 5. 86	6. 80 7. 39 3. 32 3. 60 4. 51 5. 86	6. 82 7. 41 3. 33 3. 67 4. 51 5. 86	6. 89 7. 52 3. 33 3. 67 4. 54 5. 86	6. 91 7. 55 3. 34 3. 70 4. 55 5. 90	6. 93 7. 56 3. 38 3. 72 4. 55 5. 90	6. 95 7. 58 3. 38 3. 72 4. 55 5. 90	6. 97 7. 61 3. 38 3. 72 4. 55 5. 90	6. 98 7. 61 3. 38 3. 76 4. 55 5. 90	7. 03 7. 68 3. 39 3. 76 4. 55 5. 90	7. 05 7. 69 3. 46 3. 76 4. 55 6. 08
Price per Share, end of mo. (200 stocks) QdoIndustrial (125 stocks)doPublic utility (24 stocks)doRailroad (25 stocks)dododo	189.95	202, 32 218, 24 102, 79 78, 49	198. 29 214. 19 102. 44 78. 81	207. 81 225. 11 107. 57 82. 73	206. 58 223. 69 105. 14 79. 11	214. 67 234. 19 102. 53 78. 73	211. 74 228. 76 100. 82 80. 68	216. 57 234. 99 102. 31 84. 06	222. 47 241. 38 103. 69 84. 81	225. 21 246. 19 104. 23 87. 99	227. 79 250. 46 103. 13 88. 26	229. 62 251. 53 104. 00 88. 66	232, 35 255, 45 104, 11 94, 99	236, 24 257, 62 105, 40 99, 52	240. 48 263. 49 110. 76 100. 64	236. 88 260. 03 110. 86 94. 14
r Revised ¹ End of year. ² Annual total.																ar bond.

Revised ¹ End of year. ² Annual total. †Revisions for 1961-62 will be shown later. ⁹ Includes data not shown separately. ³Number of bonds represent number currently used; the change in the number does not affect the continuity of series.

 \P Prices are derived from average yields on basis of an assumed 3 percent 20-year bond. \odot For bonds due or callable in 10 years or more.

Unless otherwise stated, statistics through 1962	1962	1963	1		19	63			1			19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mon	thly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
			<u>.</u>	FINA	NCE-	-Con	tinue	d	<u> </u>		<u> </u>	1	<u></u>	1	<u>'</u> '	
SECURITY MARKETS—Continued Stocks—Continued																
Dividend yields and earnings, common stocks (Moody's): Yield (200 stocks)	3. 37 3. 39 3. 25 5. 30 3. 31 2. 48	3. 17 3. 20 3. 12 4. 46 3. 15 2. 51	4.42	3.00 4.21 3.02	3. 10 3. 12 3. 14 4. 41 3. 12 2. 57	3. 03 3. 22 4. 57	3. 23 3. 29 4. 46 3. 25	3. 15 3. 15 3. 25 4. 37 3. 17 2. 57	3. 10 3. 12 3. 21 4. 33 3. 13 2. 52	3. 07 3. 07 3. 20 4. 21 3. 14 2. 48	3. 04 3. 02 3. 28 4. 21 3. 02 2. 49	3. 03 3. 01 3. 25 4. 20 2. 99 2. 46	3. 00 2. 98 3. 25 3. 92 2. 94 2. 45	2. 95 2. 95 3. 21 3. 78 2. 98 2. 45	2. 92 2. 91 3. 06 3. 74 2. 95 2. 39	2. 98 2. 96 3. 12 3. 99 2. 90 2. 47
Earnings per share (indust., qtrly. at ann. rate; pub. util, and RR., for 12 mo. ending each qtr.): Industrial (125 stocks)dollars. Public utility (24 stocks)dodo Rallroad (25 sto cks)dodo	1 11. 10 2 4. 73	¹ 12. 43 ² 4. 99 ² 6. 29		-	11.05 4.91 6.37		.	14. 45 4. 99 6. 29			13. 85 5. 02 6. 81			715. 15 5. 13 76. 97		
Dividend yields, preferred stocks, 14 high-grade (Standard & Poor's Corp.)percent.	4.50	4.30	4. 34	4. 30	4.30	4. 26	4. 28	4.32	4. 31	4. 31	4. 34	4. 37	4.41	4.41	4. 37	4. 29
Prices: Dow-Jones averages (65 stocks) Industrial (30 stocks) Public utility (15 stocks) Railroad (20 stocks) Standard & Poor's Corporation:o' Industrial, public utility, and railroad: Combined index (500 stocks) 1941-43=10.	639.76	253. 67 714. 81 138. 36 165. 30 69. 87	252. 72 700. 75 138. 73 170. 62 69. 07	257. 69 714. 15 142. 83 172. 93 70. 98	262. 53 738. 52 142. 74 172. 71 72. 85	262. 16 747. 52 138. 68 170. 41 73. 03	743. 24 137. 59	137. 77 176. 16	272. 31 776. 62 140. 19 180. 93 76. 45	276. 74 793. 03 140. 09 184. 55	282. 93 812. 18 139. 25 191. 97 78. 80	286, 09 820, 94 139, 02 196, 15 79, 94	289. 33 823. 12 140. 86 202. 08 80. 72	290. 08 817. 63 141. 56 206. 59 80. 24	302. 02 844. 24 147. 37 218. 78	298. 13 835. 30 149. 24 211. 25 82. 00
Industrial, total (425 stocks) \(\text{\text{\$\graphi\$}} \) do	65. 54 58. 15 54. 96 59. 16 30. 56	73. 39 63. 30 62. 28 64. 99 37. 58	72. 45 61. 82 61. 41 64. 47 38. 75	74. 43 63. 30 63. 45 66. 57 39. 22	76. 63 64. 96 66. 45 67. 09 39. 00	65, 55 38, 31	76. 69 66. 45 66. 44 64. 81 38. 60	68. 54 65. 38 65. 64 39. 92	80. 85 71. 89 67. 36 67. 26 41. 00	81. 96 72. 92 68. 11 67. 20 41. 54	83. 64 75. 48 70. 15 66. 78 42. 88	84. 92 76. 52 70. 93 67. 30 43. 27	85. 79 76. 50 72. 67 67. 29 44. 86	85. 13 75. 85 72. 42 67. 46 46. 29	88. 19 77. 76 75. 47 70. 35 48. 93	86. 70 75. 91 75. 40 71. 17 47. 17
New York City (10 stocks)do Outside New York City (16 stocks)do Fire and casualty insurance (22 stocks) †do	33, 75 66, 19 57, 43	36. 75 74. 81 63. 38	36. 87 75. 29 62. 58	37. 76 76. 82 63. 61	38.33 77.31 64.96	37. 04 76. 05 63. 79	36, 67 75, 24 63, 00	36. 29 75. 37 63. 73	37. 60 77. 39 65. 46	37. 06 75. 90 66. 19	38. 49 76. 90 67. 06	39. 20 77. 17 67. 07	39. 88 77. 66 67. 62	38. 91 76. 69 66. 96	39. 78 76. 98 68. 31	39. 71 76. 58 68. 27
Sales (Securities and Exchange Commission): Total on all registered exchanges: Market value	4, 561 139 3, 945 99 80	5, 359 153 4, 574 113 96	4, 533 132 3, 827 96 76	5,033 144 4,215 102 92	6, 093 170 5, 161 123 107	7,049 184 5,943 136 122	6, 003 149 5, 082 111 94	6, 156 169 5, 154 123 99	7, 649 200 6, 149 145 117	5, 317 140 4, 280 102 88	6, 401 185 5, 325 137	6, 982 210 5, 933 156 124	6, 072 168 5, 196 125	5, 683 155 4, 745 114 96	6, 181 170 5, 266 125 103	82
Shares listed, N.Y. Stock Exchange, end of mo.: Market value, all listed sharesbil. \$ Number of shares listedmillions	339. 29 7, 464	386. 63 7, 906	382. 21 7, 952	400. 96 7, 972	396. 24 8, 010	407. 24 8, 029	401. 60 8, 042		422, 51 8, 183	428, 42 8, 214	436. 79 8, 301	441. 72 8, 378	447.62 8,480	455. 01 8, 841	464. 54 8, 941	458. 12 8, 981
	FO	REIC	N T	RADE	OF	THE	UNIT	red s	STAT	ES			· <u> </u>			
FOREIGN TRADE																
Value‡ Exports (mdse.), incl. reexports, total¶mil. \$. Excl. Dept. of Defense shipmentsdo Seasonally adjusteddo																
By geographic regions:∆	81. 8 343. 7 39. 8 543. 5	82. 4 398. 1 43. 6 589. 0	87. 4 395. 2 41. 6 494. 7	78. 6 401. 7 42. 3 561. 3	79. 1 381. 2 40. 7 544. 8	79. 3 442. 4 44. 8 658. 8	92. 6 438. 0 55. 8 671. 6	95. 6 489. 7 52. 7 678. 9	86. 2 449. 4 48. 6 695. 1	95. 6 420. 1 47. 4 702. 0	93. 2 406. 8 54. 0 738. 2	99.1 410.4 48.7 692.3	115. 2 450. 6 59. 0 695. 5	103. 9 372. 3 58. 8 622. 3	98. 7 439. 1 60. 9 626. 5	
Northern North Americado Southern North Americado South Americado	319. 4 130. 7 167. 7	343, 2 142, 2 152, 6	329. 9 136. 3 141. 8	328. 7 140. 2 156. 2	349. 1 142. 9 131. 1	405. 9 154. 5 149. 9	359. 2 152. 6 171. 9	355. 4 147. 1 170. 5	339. 6 149. 4 156. 2	341. 6 149. 7 147. 3	407. 2 161. 2 161. 3	426. 2 167. 0 161. 7	425. 5 164. 6 186. 6	417. 3 179. 4 179. 5	365. 8 168. 3 166. 9	
By leading countries; Africa: United Arab Republic (Egypt Reg.)do Republic of South Africado	19. 6 18. 6	17. 5 23. 0	15. 1 22. 6	13. 8 23. 9	16. 0 24. 8	16. 2 24. 5	13. 6 26. 4	17.7 29.8	13. 4 26. 1	22.8 29.7	21. 1 30. 5	23. 5 28. 2	29. 6 37. 3	24. 2 33. 7	14. 8 32. 8	
Asia; Australia and Oceania: Australia, including New Guineado Indiado Pakistando Malaysia⊙dodo	34. 2 55. 8 23. 7	36, 5 67, 0 32, 3	33. 5 70. 7 24. 5	34. 1 62. 1 37. 3	32. 2 60. 6 36. 9	37. 7 72. 8 47. 8	50. 0 76. 5 25. 6	45. 4 98. 7 45. 5	37. 6 80. 2 25. 5 6. 2	40. 8 70. 2 21. 3 5. 8	47. 6 67. 5 15. 7 6. 1	40. 6 76. 1 20. 0 6. 0	49. 7 97. 8 30. 6 6. 4	49. 8 55. 1 38. 4 6. 1	50. 9 87. 6 40. 4	
Indonesiado Philippinesdo Japando	9. 9 22. 4 117. 9	8. 8 26. 9 141. 5	6. 0 25. 7 136. 8	4, 8 26, 2 144, 7	10. 9 24. 1 139. 4	7. 8 35. 5 152. 7	12. 8 29. 9 173. 9	7. 9 29. 3 168. 8	12. 8 30. 2 184. 6	6.7 29.9 166.0	4.0 29.3 174.6	2. 2 31. 3 153. 4	3. 2 32. 6 145. 4	73.3 30.4 128.3		
Europe:	48. 9 . 1 90. 0	56. 5 . 5 92. 0	38. 3 . 2 75. 8	52. 7 (3) 90. 9	51. 1 (3) 88. 4	63. 5 . 1 98. 2	64. 1 1. 9 103. 9	64. 7 2. 3 103. 0	84. 2 3. 2 97. 6	66. 0 3. 5 97. 8	71. 4 1. 8 112. 3	65. 9 . 5 116. 6	71. 3 4. 6 111. 7	61. 5 1. 1 96. 3	97. 2	
Italy	64. 1 1. 3 89. 6	73. 4 1. 7 96. 8	70. 9 2. 8 80. 4	80. 5 2. 2 87. 1	68.6 .6 104.3	72. 9 3. 6 130. 7	74. 4 1. 6 125. 6	80. 9 1. 7 114. 5	70.8 8.3 122.9	75. 2 29. 3 123. 9	73. 9 55. 3 121. 7	74. 5 22. 2 107. 4	61.0 13.8 111.2	54. 5 1. 8 107. 9	7.3	

r Revised.

P Preliminary.

Quarterly average at annual rate.

P For 12 months of 1

I Revisions for various periods prior to Feb. 1963 will be shown later. ¶Includes grant¹ aid shipments under the Dept. of Defense Military Assistance Program, as well as economic aid shipments under other programs. △Excludes "special category" shipments. ⊙Country designation established Jan. 1964.

	1962	1963	<u> </u>		19	62			ſ	·· -		1	964			
Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mor	nthly	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
	<u>'</u>	rage	ADE					<u> </u>	<u> </u>	<u> </u>		Apr.	May	June	Juny	Aug.
FOR	i EIGI	N IN	ADE	OF I	ne (11111	ED 5.	LAIL	5U	ntin	uea _			i		
FOREIGN TRADE—Continued Value—Continued; Exports (mdse.), incl. reexports—Continued By leading countries—Continued North and South America:																
Canadamil. \$ Latin American Republics, total 9do	319. 4 270. 3	343. 2 262. 8	329. 8 249. 6	328. 7 263. 9	349. 1 241. 1	405. 9 267. 9	359. 1 286. 2	355. 4 278. 5	339. 6 269. 8	341. 6 261. 7	407. 1 285. 3	426. 2 292. 8	425, 5 314, 4	417. 3 325. 1	365. 8 300. 3	
Argentina do Brazil do Ohile do Colombia do Cuba do Mexico do Venezuela do	31. 6 35. 4 14. 2 18. 9 1. 1 67. 1 39. 2	15. 7 31. 4 13. 5 20. 0 3. 0 68. 9 42. 3	15. 6 27. 7 14. 2 21. 0 3. 7 66. 4 34. 9	14. 4 29. 0 14. 5 22. 6 (1) 65. 1 44. 1	10. 3 20. 5 12. 6 18. 4 (1) 70. 7 41. 2	15. 2 21. 7 13. 0 22. 6 (1) 78. 1 46. 5	17. 2 30. 9 15. 1 21. 7 0 75. 3 48. 3	18. 8 29. 3 14. 4 24. 6 (1) 69. 4 49. 7	15. 1 32. 4 13. 1 20. 4 (1) 72. 5 43. 6	19. 5 23. 1 12. 2 19. 8 (1) 76. 6 40. 5	17. 3 26. 5 13. 0 20. 6 (¹) 78. 2 48. 7	16. 7 31. 3 12. 6 17. 1 (1) 91. 0 47. 1	19. 2 31. 6 16. 7 24. 5 (1) 81. 8 57. 4	18.8 32.5 14.2 21.1 0 103.3 55.8	23. 2 26. 6 13. 1 19. 2 (1) 88. 4 50. 5	
Exports of U.S. merchandise, totaldo	1,783.6	1, 910. 1	1,797.1	1, 879.2	1, 801.8	2, 055.6	2, 079. 1	2, 131. 6	2, 090. 6	2, 063. 0	2, 151, 3	2, 170. 3	⁷ 2,225.4	r2,067.4	2,088.1	
By economic classes: Crude materials	186. 2 167. 5 113. 8 253. 4 1,062.7	214. 7 189. 4 124. 8 273. 6 1,107.6	182. 6 181. 0 113. 2 272. 3 1,048.0	212. 2 158. 8 124. 0 300. 2 1,084.1	222. 9 166. 7 122. 2 270. 0 1,020.1	272. 7 221. 4 132. 6 296. 5 1, 132. 3	281.6 227.6 135.1 285.0 1,149.9	284. 9 232. 6 131. 9 297. 1 1, 185. 1	247. 4 227. 4 127. 7 300. 7 1, 187. 4	237.9 209.7 137.3 289.5 1,188.5	215. 5 228. 3 135. 8 326. 4 1, 245. 3	207. 6 232. 5 134. 9 323. 4 1, 271. 8	219. 1 233. 1 144. 8 333. 3 1, 295. 2	217. 9 182. 1 125. 9 330. 9 1, 210. 6	252.8 177.6 116.3 333.1 1,208.3	
By principal commodities: Agricultural products, total ?do	419.5	465. 4	410.6	408.7	433. 7	552.6	574.5	588.1	542. 2	525.3	530.8	521.1	528. 9	459.1	479.3	
Animal and vegetable oils and fats*do Cotton, unmanufactureddo Fruits, vegetables, and preparationsdo Grains and preparations†do Meat and meat preparations*do Tobacco and manufactures∆do	26. 1 44. 8 35. 8 171. 4 11. 8 40. 9	26. 6 48. 9 37. 2 191. 7 12. 3 43. 6	26. 0 25. 9 37. 6 179. 7 10. 6 35. 0	26. 4 36. 7 33. 9 156. 3 11. 7 44. 7	32. 1 41. 9 37. 0 162. 3 13. 0 64. 2	28. 9 50. 9 50. 0 211. 2 16. 4 73. 0	20. 7 67. 8 40. 0 220. 9 17. 3 60. 1	25. 4 86. 1 37. 4 247. 7 13. 8 55. 4	26. 6 79. 0 32. 2 234. 1 16. 8 38. 0	27.8 74.9 33.7 226.3 16.0 37.0	33. 1 64. 4 33. 3 238. 2 14. 5 30. 0	20. 9 51. 7 28. 4 245. 0 12. 6 30. 5	36. 1 49. 5 34. 5 238. 4 16. 7 33. 5	32.9 50.7 37.8 180.3 14.9 41.2	40. 0 91. 5 32. 5 171. 1 13. 0 37. 0	
Nonagricultural products, total 🛭 do	1,364.1	1,444.7	1,386.6	1,470.5	1,368.1	1,503.1	1, 504. 6	1, 543. 5	1, 548. 3	1, 537. 6	1, 620. 5	1, 649. 1	1, 696. 6	1, 608. 3	1,608.8	ļ
Automobiles, parts, and accessoriesdo Chemicals and related products dododo Coal and related fuelsdodo Iron and steel prod. (excl. adv. mfs.)do	115. 2 149. 3 32. 0 50. 9	125. 5 161. 9 40. 2 57. 4	107. 1 163. 1 37. 0 61. 6	112. 7 176. 3 53. 8 62. 6	115.3 162.1 53.3 56.5	146. 1 175. 0 50. 5 64. 0	165. 3 169. 9 46. 0 60. 6	159. 7 165. 4 37. 8 64. 8	148. 2 171. 1 33. 9 63. 1	151. 6 172. 3 31. 6 61. 8	149. 0 191. 9 30. 5 67. 2	148. 7 149. 4 34. 3 68. 7	156. 5 187. 4 44. 9 781. 7	144. 6 183. 5 45. 6 83. 4	111.6 199.4 39.8 82.5	
Machinery, total § 2do	435. 1	453.4	431.0	446.0	411.1	462.7	477.1	491.7	486. 8	510.4	542. 7	521.5	575. 2	512.8	517.2	
Agricultural	13. 2 30. 3 105. 9 44. 5 208. 1	15. 2 35. 2 113. 4 37. 0 216. 5	18.4 33.0 104.2 31.2 211.2	16. 6 36. 5 111. 7 29. 0 212. 9	10. 6 31. 2 108. 9 34. 6 192. 4	11.7 41.1 114.0 38.1 218.0	11, 4 36, 9 124, 2 37, 5 228, 4	12. 7 39. 6 122. 5 42. 2 236. 8	15. 8 39. 2 125. 6 39. 1 226. 2	20. 1 36. 5 132. 7 42. 1 238. 4	23. 9 45. 5 123. 0 44. 4 264. 2	23. 8 49. 8 122. 6 39. 8 246. 1	22. 6 53. 7 133. 2 46. 4 274. 8	19. 7 50. 2 119. 9 39. 7 240. 3	20.8 48.4 116.9 45.9 241.1	
Petroleum and productsdo Textiles and manufacturesdo	36.8 57.3	41. 0 57. 8	42.6 53.3	41.5 57.8	41. 0 55. 2	41.1 65.0	39. 4 63. 2	41. 9 62. 8	37. 7 59. 6	35. 1 61. 5	38. 4 70. 9	41. 8 68. 2	35.8 71.0	39. 4 68. 2	43.3 59.7	
General imports, total⊙do Seasonally adjusted⊙do	1,365.8		1,502.6 1,457.5	1,458.3 1,508.3	1,398.5 1,450.4	1,591.3 1,458.8	1,425.1 1,465.3	1,529.9 1,477.7	1,446.7	1, 337. 7 1, 445. 3	1, 592, 3	1, 562. 3	1, 457. 9 1, 548. 1	1, 595. 5 1, 505. 5	1, 612. 4 1, 589. 6	
By geographic regions: ○	62. 8 246. 7 36. 6 385. 0	64. 8 266. 1 41. 8 400. 8	61. 4 283. 3 53. 2 441. 8	67. 6 306. 4 48. 6 370. 9	58. 4 267. 6 52. 9 378. 7	74. 0 297. 8 48. 1 466. 1	59. 5 265. 2 31. 6 445. 1	71. 0 252. 1 43. 2 427. 6	67. 6 283. 0 35. 7 400. 9	71. 4 203. 7 30. 5 394. 6	89. 8 282. 9 38. 3 456. 1	86. 9 276. 5 33. 4 449. 3	83. 7 278. 3 36. 1 411. 5	67. 5 317. 2 45. 6 446. 7	65.8 334.7 32.5 461.5	
Northern North Americado Southern North Americado South Americado By leading countries:⊙	305. 2 123. 1 204. 2	319. 4 127. 4 207. 7	339. 2 128. 9 194. 7	334. 6 109. 1 220. 9	301. 4 102. 4 236. 6	354. 2 115. 7 235. 1	312. 0 114. 2 197. 5	351. 1 140. 9 243. 0	307. 4 150. 4 199. 8	301. 9 142. 2 192. 7	337. 4 152. 0 234. 9	341. 4 162. 2 211. 3	337. 4 143. 4 166. 6	381. 6 137. 0 198. 8	372. 9 140. 0 202. 7	
Africa: United Arab Republic (Egypt Reg.)do Republic of South Africado	2. 1 21. 4	1.7 21.6	1. 2 23. 3	. 5 31. 4	1. 1 17. 8	5. 0 18. 9	. 5 17. 4	1. 1 25. 8	1.0 24.1	1.0 20.3	3.8 21.1	2. 0 21. 3	2. 5 19. 9	1. 0 19. 3	1.9 16.2	
Asia; Australia and Oceania: Australia, including New Guineado Indiado Pakistando Malaysia#do	24. 4 21. 3 3. 5	26. 6 24. 5 3. 8	28. 0 26. 7 2. 9	30. 9 25. 6 3. 3	34. 2 21. 7 3. 2	36. 8 25. 8 4. 0	20. 7 22. 9 3. 7	29. 0 21. 0 3. 7	27. 7 22. 3 4. 3 14. 3	19. 2 18. 0 2. 6 9. 9	24.8 24.0 3.2 14.8	18.5 28.1 3.9 10.6	16. 1 25. 7 3. 5 12. 2	32. 2 28. 4 3. 7 10. 9	17.8 19.8 3.0 13.3	
Indonesiado Philippinesdo Japando	11. 2 26. 9 113. 2	9. 4 29. 7 124. 8	8. 5 35. 8 143. 3	10. 5 44. 9 145. 6	8. 4 32. 5 124. 9	9. 8 36. 9 139. 8	9. 7 18. 0 134. 7	8. 0 29. 9 118. 0	13. 4 32. 2 130. 6	10. 0 15. 1 100. 6	15.0 34.9 133.3	11. 7 19. 8 143. 5	15. 2 34. 6 121. 7	15. 8 31. 3 155. 1	15. 2 44. 1 167. 2	
Europe: do	35. 7 . 3 80. 1 37. 7 1. 3 83. 8	35. 8 . 3 83. 6 41. 1 1. 7 89. 9	44. 6 . 3 92. 3 47. 0 1. 5 100. 9	35. 8 . 2 75. 1 46. 1 1. 8 89. 8	31. 5 . 2 81. 1 34. 7 4. 5 83. 8	45. 5 . 3 . 92. 1 . 50. 2 . 1. 8 . 106. 0	42. 0 . 2 94. 9 46. 4 1. 2 100. 6	37. 1 .1 92. 2 43. 5 .9 91. 6	35. 9 . 3 92. 0 36. 3 1. 2 83. 5	35. 0 . 8 78. 7 33. 7 2. 0 85. 3	39. 5 . 7 106. 1 40. 3 1. 0 90. 8	43. 9 . 5 97. 9 41. 2 . 9 94. 0	41. 5 . 4 87. 8 35. 2 1. 3 91. 1	42.8 .6 99.7 45.1 2.4 100.7	45. 5 . 4 102. 7 47. 7 2. 1 101. 5	
North and South America: Canadado Latin American Republics, total 9do	305. 0 282. 2	319. 1 287. 6	338. 6 272. 2	334. 3 286. 5	300. 9 293. 6	354. 0 301. 3	311. 7 269. 3	350. 9 332, 9	307. 2 294. 7	301. 8 284. 5	337. 3 338. 7	341. 3 314. 9	337. 2 260. 4	381.3 280.7	372.6 288.6	
Argentina do do Colombia do Colombia do do do Colombia do do Colombia do do Colombia do Co	8. 9 45. 1 15. 9 22. 9	13. 7 46. 8 15. 7 20. 7	14. 5 43. 1 14. 5 20. 7	16, 2 42, 6 19, 8 28, 8	17. 2 56. 4 15. 9 34. 9	17. 6 53. 7 14. 6 31. 6	11. 0 62. 9 11. 3 17. 5	20. 9 67. 5 14. 0	11. 6 43. 6 16. 6 14. 2	9. 7 38. 0 7. 4 22. 2	10.8 60.7 20.9 23.2	10. 4 53. 8	9. 4 23. 6 19. 3	12. 3 32. 5 17. 6 21. 1	7. 7 36. 7 19. 7	
Colombia	. 6 48. 2 81. 3	(1) 49. 5 78. 1	(1) 39. 5	39. 4 82. 2	34. 9 (1) 37. 3 67. 2	31. 6 0 46. 4 73. 4	(1) 46. 6 63. 1	(1) 55. 6 88. 1	(1) 63. 6 85. 3	(1) 59. 1 89. 3	(1) 67. 2 87. 2	71.4	55. 9 66. 2	50. 6 81. 8	(1) 55. 0 85. 7	

r Revised. p Preliminary. 1 Less than \$50,000. 2 Beginning Jan. 1963, excludes exports of certain fertilizer materials, coal-tar and synthetic resinous products, chemical specialties, etc.; in 1962, such exports totaled \$52.6 mil.

1 See similar note on p. S-21; for exports, see also note "¶" on p. S-21.

2 Includes data not shown separately.

3 Data for semimanufactures reported as "special category, type 1" are included with finished manufactures.

New series. Data prior to Sept. 1962 may be obtained from Bu. of Census reports.

[†]Revised to include SITC items classified as "cereals and preparations"; not comparable with data published in the 1963 BUSINESS STATISTICS and in SURVEY issues prior to Nov. 1963.

Amanufactures of tobacco are included in the nonagricultural products total.

Excludes "special category, type 1" exports.

For certain recent months, the data by regions and countries exclude imports unidentified by area of origin.

Country designation established Jan. 1964.

Unless otherwise stated, statistics through 1962	1962	1963			1	963						1	964			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly erage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
FO	REIG	N TR	ADE	OF T	HE U	UNIT	ED S	TATE	s—c	ontin	ued	· · · ·				
FOREIGN TRADE—Continued																
Value—Continued‡										ļ						
Imports for consumption, totalmil. \$ By economic classes:	1	1, 417. 8	1,505.3	1,479.1	1,375.1	1,578.3	1	1,511.6	I '	1	1	1	1	l '	1,615.2	
Crude materials do Crude foodstuffs do Crude f	278. 2 148. 0 149. 3	274. 0 143. 8	281. 0 128. 9	314. 3 126. 6	260. 2 140. 2	273. 3 168. 7	238. 0 153. 3	158.7	274.3 160.8	246. 8 161. 5	274. 1 202. 4	267. 8 199. 2	270. 4 147. 4	291. 5 140. 4	325. 0 145. 0	
Manufactured foodstuffs and beverages_do Semimanufacturesdo Finished manufacturesdo	282. 4 496. 3	166. 5 300. 4 533, 2	184. 4 317. 5	177. 3 313. 6	183. 1 285. 7	198. 2 326. 4	163. 0 300. 4	315.0	133. 5 343. 0	105. 5 314. 1	150. 7 339. 0	142. 6 343. 1	149. 2 311. 1	163. 0 340. 1	333.9	
By principal commodities: Agricultural products, total \(\frac{1}{2} \)	322. 3	334.8	593. 5 333. 6	547. 2 345. 2	505. 8 345. 4	611.8 377.5	573. 0 319. 8	556. 0 369. 4	553. 4 332. 7	494. 5 295. 4	383, 1	602. 7 362. 7	555. 7 329. 9	641. 8 316. 1	318.6	
Cocoa (cacao) beans, incl. shellsdo	11.0	11.3	7.5	8.4	9.7	9.4	7. 2	11.1	14.4	12, 5	15. 2	8.2	8.1	10.3	8.5	
Coffee do Rubber, crude (incl. latex and guayule) do do do do do do do do do do do do do	82. 4 19. 0	79.7	78. 4 13. 3	76. 7 16. 5	89.3 13.5	100. 9 15. 0	88. 8 13. 6	90. I 14. 0	87. 4 19. 4	94. 0 13. 2	125. 7 19. 4	131. 8 13. 3	84. 5 20. 2	73. 2 13. 9		
Sugar (cane or beet)do Wool and mohair, unmanufactureddo	42.0 17.4	50. 9 18. 8	64.3 22.1	62. 5 17. 2	59. 7 12. 7	53. 4 16. 7	31. 8 11. 9	68.8 22.9	26.3 19.7	16.5	37. 2 17. 4	32. 1 18. 3	47.8 17.6	38. 9 14. 1	49. 7 16. 0	
Nonagricultural products, total 9do	1,031.9	1,083.1	1,171.7	1,133.8	1,029.6	1,200.8	1, 108. 0	1	1,132.2	1,026.8	1, 184. 2	1,192.7	1	1, 260. 7	1, 296. 5	
Furs and manufacturesdo	9. 7	1 10. 9	7.0	5.7	1 10. 1	7. 9	6.1	26.3	1 16. 1	13.6	15.8	12.0	9.1	8.1	6.2	
Iron and steel prod. (excl. adv. mfs.)do Nonferrous ores, metals, etc.:	47.3	59.4	75.3	71.0	59. 1	70.4	65. 3	54.0	60.7	54.1	59.7	62. 5	68.6	77.5	74.8	
Bauxite, crude*do	10.1	9.5	10.5	11.7	9.8	8.8	8.2	9.4	9.6	11.2	9.5	12. 2	8.8	10.0	12.9	
mil. \$ Copper, crude and semimis.*do	20. 8 9. 7	16. 9 121. 6 9. 1	24. 0 20. 2	18.7 28.3	17.8 1 26.1	17.0 26.1	17. 9 23. 3	17. 7 25. 1	17. 1 26. 1	14.8 29.5 7.3	17.6 29.8	17. 6 26. 1	17.8 23.7	18. 9 26. 6 7. 9	20. 5 25. 4	
Tin, including oredodo	30.0	30.1	8. 5 30. 5	11. 1 31. 9	28.7	9. 2 34. 6	8. 7 31. 1	8. 2 32. 0	9.8	31.1	10. 7 35. 4	7.8	7.6 30.4	7 34. 9	10. 2 32. 3	
Newsprint do Petroleum and products do do do do do do do do do do do do do	58.0 147.1	57. 3 1 149. 1	62. 5 146. 4	57. 7 146. 5	57. 9 1 132. 3	66. 5 149. 0	58. 1 135. 9	68. 0 164. 9	56. 8 1193. 3	52. 4 154. 3	58. 7 159. 5	61. 2 156. 7	59. 6 137. 1	65. 2 144. 8		
Indexes			110.1	110.0	102.0	140.0	100. 9	104. 5	130.0	104.0	100.0	100.1	10,	111.0	100.1	
Exports of U.S. merchandise: Quantity1957-59=100	112	p 120	1,,,	,,,	٠.,	100	101		_ ,,,,	- 100	- 124	_ 105	- 140	- 100	ļ	
Valuedodo	115 102	P 123	113 116 102	119 121	114 116	130 132	131 134	135 137	» 131 » 135	» 130 » 133 » 103	p 134	p 137	p 140 p 143 p 102	p 130		
Imports for consumption: Quantitydo	102	₽102	135	102	101	102 141	102	101	p 103	» 103	p 103	» 102 » 134	» 102	p 102		l
Value do Unit value do do	117	₽122 ₽96	130 96	127 127 97	118 96	136 96	127 122 96	132 130 98	p 127 p 98	» 114 » 98	p 135	» 134 » 100	* 123 * 98	p 136 p 99		
Shipping Weight and Value		- 30	. "	"	30	90	1 80	90	""	1 200		1 2100	""	1 99		
Waterborne trade: Exports (incl. reexports):§						Ì		į							Ì	ŀ
Shipping weight thous, sh. tons Value mil, \$	11,215	13, 010 1, 232, 7	13, 573 1,164. 7	14, 846 1, 219. 2	14, 368 1, 164. 3	15, 070 1, 375. 6	14, 796 1, 408. 6		13, 167 1, 348. 6	12, 034 1, 334. 8	12, 673 1, 384. 3					
General imports:	17 559	r 17, 712	19, 493	19, 996	18, 394	19, 076	17, 066	1	17, 697	16, 415	17, 213	į	1	1		
Valuemil. \$	983.6	1, 033, 2	1,116.0	1, 089. 0	1,049.0	1,163.9	1,032.0		1, 036. 8	929.9	1, 109. 8					
Exports (incl. reexports):¶ Shipping weightthous.sh. tons	9. 1	10.4	9.6	9.9	10.2	11.5	10.9	11.3	11.9	11.9	12.9	12.9	12.9			
Valuemil, \$ General imports:	124.3	136. 5	119.8	120. 3	126. 3	140. 4	131.5	141.9	150.3	157. 2	150.9	153. 5	149.6			
Shipping weight thous, sh. tons	4. 1 59. 7	4. 7 67. 9	4. 5 66. 5	4.3 57.4	4. 3 67. 9	5. 4 81. 3	5. 3 82. 8	5. 3 89. 0	4.3 70.4	4. 0 70. 7	4. 7 79. 4	4. 6 76. 0	3.9 66.8			
	TR	ANSP	ORT	ATIO	N AN	D CC	MMU	UNICA	ATIO	NS		<u> </u>		1	'	•
TRANSPORTATION	I	1		 I		 	1	1	1		<u> </u>	<u> </u>	ī	1]
Air Carriers									ĺ							
Scheduled domestic trunk carriers:								1	ĺ							
Financial operations (qtrly. avg. or total): Operating revenues, total ?mil. \$	570. 7	621.9			653.3			4634.4	 	 	4 646.8					
Transport, total 9dododo	566.0 509.8	617.1 557.0			648. 7 587. 3			4628.3 4561.9			4 640. 8 4 579. 4					
Propertydo U.S. maildo	37. 1 14. 4	40.3 15.0			41.0 14.2			4 44. 0 4 16. 7			4 42.0 4 15.5					
Operating expenses (incl. depreciation)do Net income (after taxes)do	551. 4 1. 9	585.5 8.4			592. 8 27. 6			4596.0 41.1			4 613. 7 4 11. 0					
Operating results: Miles flown (revenue)thous_	59, 409	63, 828	66, 502	67, 333	64, 335	66, 676	62, 455	65, 758	66 974	462,863	4 67, 481	465, 407	468, 022	68, 852	'	
Express and freight ton-miles flowndo Mail ton-miles flowndo	45, 296 13, 575	49, 195 14, 167	46, 151 13, 002	51, 894 13, 617	52, 766 13, 043	57, 797 15, 033	51, 397 13, 376	55, 581 19, 401	50, 710	450, 212	454, 522 415, 488	456, 472 415, 091	459, 014	58, 871 14, 345		
Passengers originated (revenue)do Passenger-miles flown (revenue)mil_	3,990 2,667	4, 548 3, 048	4, 648 3, 251	5, 151 3, 588	4, 639 3, 119	4, 917 3, 165	4, 446 2, 861	4, 732 3, 221	4, 801 3, 245	4 4, 458	4 5, 008 4 3, 316	45,003 43,287	4 5, 030	5, 545 3, 910		
Express Operations	,	, ,		·		,	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		5,0-0	,,	,	-,		
Transportation revenuesmil, \$ Express privilege paymentsdo	2 95. 9 2 29. 2	² 95. 9 ² 28. 6			96. 3 29. 9			105. 4 31. 3			96. 8 27. 1			99. 9 29. 5		
Local Transit Lines								"."						20.0		
Fares, average cash ratecents_ Passengers carried (revenue)mil_	20. 1 594	20. 5 576	20. 5 533	20. 5 534	20. 5 560	20. 6 630	20. 7 563	20. 7 590	20. 8 581	20. 8 552	20.8	21.0	21. 2	21. 2	21.3	
Operating revenues (qtrly, avg. or total) mil. \$	r 350. 9	7 347. 5			330. 3			366.8	981		585 341.1	600	596	564	531	
Motor Carriers (Intercity)																
Carriers of property, class I (qtrly, avg. or total): Number of reporting carriers.	3 954		5 1, 017 5 1, 326													
Operating revenues, total	1, 343 1, 286 87		⁵ 1, 304													
Revised. Preliminary.	91 ,		* 80 T					! '				·	hown ro		'	`

Revised. Preliminary.

1 Effective Sept. 1963, data reflect adoption of U.S. Tariff Schedules and are not entirely comparable with earlier figures; also, beginning Jan. 1964, data for furs and mfs. and petroleum and products reflect further changes in USTS. 2 Quarterly average. Number of carriers filing complete reports for 1962.

4 Reflects substitution of data for one or two intra-Alaskan carriers.

5 For 1st qtr. 1963.

†See similar note on p. S-21. Quality Includes data not shown separately. *New series. Data prior to Dec. 1962 may be obtained from Bu. of Census reports. §Excludes "special category" shipments and all commodities exported under foreign-aid programs as Department of Defense controlled cargo. ¶See similar note on p. S-21.

1962 1963 1963 1964 Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS Monthly average July Aug. Sept. Oct. Nov. Dec. Jan. Feb. Mar. Apr. Мау June July Aug.

TRA	NSP	ORTA	TION	ANI	CO	MMU.	NICA	TION	S—C	ontin	ued				-	
TRANSPORTATION—Continued									<u> </u>							
Motor Carriers (Intercity)—Continued)								ĺ				
Freight carried, qtrly, index of volume, class I and	1 120. 3	1 126, 3		ŀ	104.0			107.0			100 g			124 1		
II (ATA) average same period, 1957-59=100. Carriers of passengers, class I (qtrly, avg. or total): Number of reporting carriers.	2 138	2 138			124. 0 138			127. 8 138		1		1				
Operating revenues, totalmil. \$ Expenses, totaldo	131. 4 112. 0	136. 4 116. 4			165. 7 128. 8			130. 7 114. 0								
Passengers carried (revenue)mil_	57. 2	56. 6			62. 9			55. 3								
Class I Railroads Freight carloadings (AAR):	1															
Total carsthousdo	2, 394 439	2, 406 461	2, 137 300	7 3 2, 874 3 582	2,307 464	2, 518 474	³ 2,859 ³ 561	1,972 417	2, 045 415	\$ 2, 645 \$ 512	2, 105 393	2, 202 407	³ 2, 913 ³ 542	2, 403 476	2,114 293	³ 2, 926 ³ 578
Cokedodo Forest productsdo Grain and grain productsdo	30 158	32 156	30 135	3 34 7 3 190	28 147	27 155	³ 35 ³ 183	29 130	31 136	⁸ 41 ³ 196	34 154	35 151	³ 45 ³ 190	38 154	35 147	3 48 3 198
	231 17	234	228	3 270	200	258	3 303	197	227	⁸ 267	186	177	³ 208 ³ 12	205	197	3 243
Livestockdo Oredo Merchandise, l.c.ldo	144 97	147 72	212 63	3 13 3 260 3 81	15 205 64	25 183 65	³ 25 ³ 157 ³ 73	10 55 53	10 50 51	3 10 3 75 3 70	10 66 54	114 53	8 271 8 65	7 224 50	223 48	³ 13 ³ 268 ³ 63
Miscellaneousdo	1, 277	1, 289	1, 161	8 1, 444	1,185	1, 331	³ 1, 523	1,081	1, 125	1,473	1, 207	1, 254	3 1, 581	1, 248	1,163	3 1, 514
Freight carloadings, seas. adj. indexes (Fed. R.):† Total	4 92 90	4 93 95	94	91	91	93 94	92	94	97	97 89	94 90	95 93	96 100	94 100	95 100	93 98
Coke do do do do do do do do do do do do do	81 97	88 96	100 104 94	99 90 93	97 84 95	75 98	94 78 96	90 84 97	91 89 99	90 106	92 103	100 99	111 + 102	118 98	128 102	128 97
Grain and grain productsdodo	101	102	86	97	101	112	105	109	111	104	93	92	89 42	91	75	1
Oredo	67 83 49	52 84 36	51 83	51 81	43 87	48 81	56 104	50 91 33	50 89 31	51 93 31	50 88 28	123 28	104 29	46 85 27	50 87 28	88 56 84 26 96
Merchandise, l.c.ldo Miscellaneousdo	94	95	36 97	34 91	34 92	33 93	31 92	96	101	100	98	97	99	96	98	96
Financial operations (qtrly. avg. or total): Operating revenues, total ?	2, 360. 1	2, 389. 9			2, 398. 0			2, 446. 6			2, 362. 4			2, 481. 4		
Freightdo	154.8	12, 036. 5 147. 0			157.1			138.6			134.7			2, 133. 8 146. 3		
Operating expensesdodo	1,854.3 324.1 181.6	1,862.9 325.6			326.8			304.4			1,852.3 327.6 182.5			233.0		
Net railway operating incomedo Net income (after taxes)do	143.0	201.4 162.9			197. 1 156. 1						144. 2					
Operating results: Freight carried 1 mile (qtrly.)bil. ton-miles_	8 151.6	⁵ 158. 9			158. 2			163.4			165.3				 	
Revenue per ton-mile (qtrly, avg.) cents. Passengers carried 1 mile, revenue (qtrly.) mil.	\$1.349 \$4,976	5 1. 310 5 4, 624									1. 284 4, 110					
Waterway Traffic						İ	<u> </u>									
Clearances, vessels in foreign trade: Total U.S. portsthous net tons-	14, 913	15, 628	17, 087	17, 485	16, 341	16, 531	16, 686	15, 454	15, 204	14, 503	14, 960					
Foreign vessels do United States vessels do do do do do do do do do do do do do		12, 786 2, 842	13, 875 3, 212	14, 331 3, 154	13, 486 2, 855	13, 433	13, 618	12, 573 2, 881	12, 540 2, 664	12, 054 2, 449	12, 319 2, 641					
Panama Canal:		5, 454	ļ [*]		,		1						0 100	- 000	0.000	
Totalthous. lg. tons. In United States vesselsdo	5,490 855	780	5, 924 862	5, 641 837	5, 702 1, 000	5, 925 968	5, 399 722	5, 691 708	5, 832 613	6, 187 906	6, 269 965	5, 912 866	6, 166 1, 022	5, 902 1, 100	6, 062 877	
Travel Hotels:			Ì										i t			
Average sale per occupied roomdollars_ Rooms occupied% of total_	9. 35 61	9. 37	8, 75 756	9.60 59	9. 56 63	10. 24 68	9.82 58	8.90 47	9. 09 57	9. 26 60	8.87 59	9. 86 67	9, 18 62	9.83 64	9. 10 59	969 62
Restaurant sales indexsame mo, 1951=100.	112	109	107	104	107	109	58 101	107	105	109	108	116	119	113	112	107
Foreign travel: U.S. citizens: Arrivalsthous_	195 191	218 216	295 333	391	271	219	174	158	173 172	179 193	218 206	211 214	226 253	271		
Departuresdo	125 103	130	155 131	283 169 140	207 173 134	186 144 123	118 118 103	112 116	112	102	123 101	148 104	161 151	172		
Departuresdo Passports issued and reneweddo National parks, visitsdo	76 2, 737	2, 779	100 7, 504	78 7, 705	65 3, 278	56 2,331	1, 104	47 661	71 686	88 81 790	121 1,000	147 1, 276	135 2, 267	147 r 5, 056	8,067	86
Pullman Co. (qtrly, avg. or total): Passenger-miles (revenue)mil_	726	629			598			600			608			556		
Passenger revenuesthous.\$	12,076	10, 477			10,065			9, 288			10, 457			9, 500		
Telephone carriers:						1		İ								
Operating revenues \$\(\text{q}\) mil, \$\(\text{s}\)	792. 6 440. 0	845. 6 465. 4	849. 5 463. 1	861. 4 465. 6	844. 2 468. 0	879. 0 477. 3	856. 8 475. 2	881.8 480.0	881.1 481.7	862, 2 480, 6	892.1 485.5	898. 8 489. 4	903.1 490.0	912. 3 494. 6		
Tolls, message do do do do do do do do do do do do do	270. 4 468. 2	289. 7 495. 7	295. 1 486. 8	304. 4 495. 1	283. 2 489. 8	309. 1 523. 4	286. 3 500. 5	308.7 539.8	305.3 520.2	286. 0 501. 7	311. 2 530. 9	313.0 532.3	315.7 525.0			
Net operating incomedo	139. 6 70. 8	152.3 73.7	164. 2 72. 3	158. 1 72. 5	158. 2 72. 9	156. 1 73. 2	155. 4 73. 4	150. 1 73. 7	154.9 74.0	163. 4 74. 2	156. 0 74. 5	165.9 74.9	167. 4 75. 1	75. 3		
Telegraph, cable, and radiotelegraph carriers: Wire-telegraph:	22,010	23 000	23 224	24, 964	24, 378	25, 452	23, 676	25, 550	24, 449	23, 283	25, 181	24, 876	24,708	26, 020		
Operating revenuesthous, \$_Operating expenses, incl. depreciationdo Net operating revenuesdo	20, 197	23, 902 21, 094 1, 680	23, 834 21, 264 1, 348	21, 275 2, 590	20,700 2,597	21, 527 2, 983	20, 603 2, 368	21, 324 3, 663	22, 213 834	21, 020 872	21, 715 2, 075	21,812	22, 181 1, 085	22, 799 1, 886		
Ocean-cable: Operating revenuesdo	3,013	3,065	3, 201	3,064	2,949	3, 424	2, 859	2 950	3,138	2,814	3, 106	3,012	3, 030	3, 172		
Operating expenses, incl. depreciationdo Net operating revenuesdo	2,542 153	2, 495 219	2, 575 245	2, 627 99	2, 330 291	2, 560 509	2, 186 370	2, 271 156	2, 403 361	2, 284 98	2, 286 475	2, 403 2 45	2, 317 328	2, 381 427		
Radiotelegraph: Operating revenuesdo Operating expenses, incl. depreciationdo	4, 675 3, 676	5, 077 3, 882	5, 11 7 3, 926	5, 034 3, 721	5, 069 3, 822	5, 546 4, 028	5, 525 4, 158	5,654	5,901 4,448	5, 505 4, 274	5, 752 4, 336	5, 831 4, 251	5, 774 4, 379	5, 961 4, 598		
			a. 920	1 0.721	1 9.044	1 4,048	1, 195	4, 339 1, 054	1,222	998	1, 192	1, 345	1,167		1	

⁷ Revised. ¹ Annual index. ² Number of carriers filing complete reports for 1962 and 1963. ² Data cover 5 weeks; other periods, 4 weeks. ⁴ Based on unadjusted data. ⁴ Quarterly average.

[†] Revisions for 1962 are in the Aug. 1963 Survey. $\+ 2$ Includes data not shown separately.

1962 1964 Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS Monthly July Dec. Feb. Mar. Мау June July Aug. Sept. Oct. Apr. Aug. Nov. Jan.

CHEMICALS AND ALLIED PRODUCTS

		CHE	MICA	LS A	ND A	LLIE	ED PI	RODU	CTS							
CHEMICALS		1					,				I	 				
Inorganic chemicals, production: Acetylenemil. cu. ft Ammonia, synthetic anhydrous (commercial) thous, sh. tons	1, 103 484, 1	1, 148	1, 123	1, 145	1, 126	1, 208	1, 197	1,216	1, 154	1,120	1, 252	1, 233	1,271	1, 204 636. 7	1,196 620.2	
Carbon dioxide, liquid, gas, and solid do— Chlorine, gas (100% Cla)—do— Hydrochloric acid (100% HCl)—do. Nitric acid (100% HNO ₃)—do— Oxygen (high purity)—do—thous, sh. tons—	85. 3 428. 6 87. 7 280. 8 8, 661 203. 9	553.8 88.7 454.0 87.3 349.7 10,768 241.7	537.3 108.5 452.2 87.2 304.0 10,685 204.4	528. 4 107. 7 469. 0 88. 4 325. 5 10, 140 229. 5	528. 4 90. 5 454. 4 85. 5 336. 4 10, 439 238. 6	548. 5 93. 9 470. 9 92. 8 372. 7 10, 960 261, 7	586, 9 80, 5 469, 0 88, 4 405, 9 10, 892 253, 3	607. 5 79. 2 482. 0 87. 2 414. 6 11, 744 253. 7	614.8 79.0 466.8 91.2 402.0 12,011 267.9	583.8 76.0 456.0 94.8 402.6 12,201 273.5	650.7 82.8 488.6 104.1 420.5 13,367 284.8	636. 8 85. 0 480. 6 104. 4 375. 1 13, 107 286. 5	659. 7 94. 9 501. 1 106. 0 349. 5 13, 402 280. 3	108. 9 7 482. 0 100. 8 306. 5 12, 538 259. 5	116.0 483.4 96.6 341.0 12,741	
Sodium carbonate (soda ash), synthetic (58% Na ₂ 0) thous sh. tons Sodium bichromate and chromate do Sodium hydroxide (100% NaOH) do Sodium silicate (soluble silicate glass), anhydrous	383. 9 10. 6 453. 6	390.1 10.9 474.7	392, 6 10, 7 476, 8	399. 3 11. 0 495. 5	375. 2 8. 9 472. 4	418.9 10.9 497.8	400. 0 11. 5 487. 9	388.0 11.3 497.3	381, 2 9, 3 490, 2	394. 5 10. 5 484. 2	419.1 11.4 514.3	415. 3 11. 7 507. 3	435. 1 12. 3 534. 4	419. 5 11. 2 503. 7		
Sodium sulfates (anhydrous, refined; Glauber's salt; crude salt cake) thous. sh.tons Sulfuric acid (100% H ₂ SO ₄) do	46. 1 99. 5 1,641. 8	46. 0 100. 5 1,744. 7	42. 6 100. 2 1,597. 0	36. 7 102. 6 1,687.3	45. 3 95. 4 1,666. 2	51. 0 106. 5 1,836. 7	52. 6 107. 7 1,788. 4	42. 5 106. 1 1,853. 1	41. 4 106. 3 1,868.4	40.9 103.2 1,853.7	53. 1 108. 3 1, 983. 5	53. 7 109. 2 2, 016. 2	52.3 116.1 1,980.9	107.8 1,859.1	36. 4 102. 9 1, 750. 2	
Organic chemicals, production: \$\sigma\$ Acetic acid (synthetic and natural) mil. lb_ Acetic anhydride do_ Acetylsalicylic acid (aspirin) do_ Creosote oil mil. gal	82, 2 103, 5 2, 3 7, 6	87. 4 105. 8 2. 4 8. 2	83. 1 107. 0 2. 2 7. 4	84.7 103.7 2.1 8.8	72. 6 111. 6 2. 3 9. 2	95. 4 104. 6 2. 6 8. 6	89. 5 106. 1 2. 6 8. 1	90. 9 121. 0 2. 6 8. 8	92.3 111.8 2.8 8.2	94. 0 101. 6 2. 6 7. 1	93. 4 125. 4 2. 7 8. 4	82. 9 109. 2 2. 7 9. 1	88. 5 115. 2 2. 1 10. 6	87. 5 106. 5 2. 5 9. 8	2.1	
DDT mil. lb Ethyl acetate (85%) do Ethylene glycol do Formaldehyde (37%, HCHO) do	13.9 8.5 119.5 199.8	14.9 9.2 121.0 212.7	17. 7 7. 9 118. 0 190. 7	14. 8 9. 6 127. 8 218. 3	14. 3 8. 7 121. 4 216. 4	14. 2 10. 0 132. 2 234. 3	11. 4 7. 3 123. 1 226. 4	9. 4 9. 4 123. 4 220. 4	11. 4 8. 8 121. 8 207. 0	12.8 10.8 109.1 203.0	13. 3 9. 4 138. 8 219. 5	11. 3 7. 4 129. 3 237. 7	13.0 8.0 116.9 225.2	7 12. 1 11. 9 7 155. 3 7 229. 5	5. 5 154. 1	
Glycerin, refined, all grades: Productiondododo Stocks, end of monthdodo	20. 8 32. 7	24.8 23.8	21.5 20.8	25. 9 19. 1	26. 8 15. 9	30. 2 16. 1	22.6 20.5	30. 0 22. 2	29. 1 22. 3	26. 3 25. 4	28. 5 27. 6	28. 5 26. 5	23. 7 27. 7	7 28. 0 7 31. 5	32.0	
Natural	28. 0 35. 6	29. 3 39. 5	. 1 26. 3 35. 6	.1 31.7 37.1	28. 7 41. 4	. 1 31. 4 45. 3	.1 28.5 40.9	30. 8 39. 5	.1 29.6 37.4	. 1 29, 9 36. 7	30.3 44.9	33.9 49.2	34. 4 49. 9	31.1 48.5	.1 32.8 44.4	
Ethyl alcohol and spirits: Production	52. 4 151. 4 42. 4 5. 3	57. 7 171. 5 44. 4 5. 3	58, 1 175, 7 42, 8 4, 8	49. 7 177. 2 44. 0 5. 0	61.7 181.7 40.7 5.8	73.5 180.3 47.5 7.5	58.7 169.8 43.9 5.8	58. 9 177. 3 45. 5 4. 3	60. 5 179. 5 49. 5 4. 9	56. 1 183. 0 44. 0 4. 7	53. 8 188. 9 43. 9 5. 4	54. 0 189. 3 46. 7 5. 7	753.3 184.9 45.3 5.5	50. 3 183. 4 44. 8 5. 6		
Denatured alcohol: Production Consumption (withdrawals) Stocks, end of month do do	22. 9 23. 0 3. 9	23. 9 24. 0 3. 0	23, 1 23, 4 3, 3	23. 8 24. 3 2. 8	22. 0 22. 0 2. 8	25. 6 25. 6 2. 8	23. 6 24. 5 2. 0	24. 5 23. 8 3. 3	26. 6 26. 4 3. 2	23. 7 23. 1 3. 7	23. 9 24. 7 2. 9	25. 1 24. 8 3. 1	23. 8 23. 5 3. 4	24. 2 24. 4 3. 6		
FERTILIZERS	602 67 448 71	625 55 487 59	720 40 547 76	668 60 513 64	696 43 557 81	670 81 487 83	701 64 517 88	693 66 524 66	622 28 458 100	668 39 534 59	704 68 495 94	584 55 468 33	684 63 529 50	827 47 660 60	592	
Imports, total semimanufactures* 9	166 18 20 39 36	205 21 20 73 34	127 12 13 58 13	232 18 6 75 46	207 19 21 111 14	244 21 27 98 31	188 27 11 52 35	200 20 11 65 39	255 20 14 117 32	253 16 29 93 30	292 17 36 126 22	376 19 43 150 63	173 17 11 65 22	180 11 7 34 50	4 42	
Potash deliveries (K ₂ O)do Superphosphate and other phosphatic fertilizers (100% P ₂ O ₅):	197	227	` 150	290	161	258	162	189	374	233	369	424	254	66		
Production thous. sh. tons	235 425	269 419	205 428	246 456	247 441	291 446	282 462	294 490	304 452	327 443	336 383	337 249	307 249	7 272 7 349	247 408	
MISCELLANEOUS PRODUCTS																
Explosives (industrial), shipments, quarterly: Black blasting powderthous.lb. High explosivesdo. Paints, varnish, and lacquer, factory shipments:	1 306 1277,199	1 284 1 301,665			42 3 321, 379			323 322, 968			141 262, 470			195 334, 018		
Total shipments mil. \$	152. 7 89. 8 62. 9	² 157.5 ² 93.8 ² 63.7	177. 0 111. 8 65. 2	176. 6 112. 2 64. 4	160. 3 97. 1 63. 2	171. 1 100. 2 70. 9	138. 9 77. 0 61. 9	117. 7 61. 0 56. 7	138. 8 75. 5 63. 3	142. 5 80. 6 61. 9	165. 2 97. 1 68. 1	186. 0 112. 2 73. 8	188. 5 115. 0 73. 5	197. 8 119. 5 78. 3		
Productionthous.lg. tons_ Stocks (producers'), end of monthdo PLASTICS AND RESIN MATERIALS	3 490 4,832	³ 486 4,875	490 4,931	476 4,880	473 4, 844	491 4, 743	484 4, 763	495 4, 760	500 4,780	499 4, 786	499 4,720	513 4, 686	531 4,676	505 4, 614		
Production: Cellulose plastic materialsmil. lb_ Thermosetting resins:	13. 2 3 45. 7	12.7	10.9	12.1	12.8	14.0 47.2	13. 8	12. 1	11.6	13.0	15. 2	13.9	12. 4	13.7		
Alkyd resins. do. Coumarone-indene and petroleum polymer resinsmll, lb. Polyester resins. do. Phenolic and other tar acid resins. do. Urea and melamine resins. do. Thermoplastic resins:	3 29. 0 3 17. 7 3 57. 5 3 40. 7	46. 5 25. 8 21. 3 61. 0 42. 2	46. 8 21. 2 19. 6 50. 0 35. 0	47. 7 27. 0 21. 6 63. 0 41. 2	43. 3 25. 5 21. 2 62. 8 42. 2	30. 2 23. 9 69. 6 48. 5	40. 5 24. 9 21. 2 62. 0 41. 5	37. 7 25. 9 20. 4 61. 7 38. 0	26. 0 22. 7 66. 3 42. 8	25. 0 23. 9 64. 0 39. 6	48. 5 27. 6 25. 4 72. 6 43. 1	49. 0 29. 8 27. 2 71. 5 45. 9	26. 2 27. 0 7 67. 3 7 43. 4	49. 8 27. 1 26. 7 65. 5 43. 1		
Styrene-type plastic materials (polystyrene) mil. lb. Vinyl resins (resin content basis)do Polyethylenedo	³ 106. 2 ³ 130. 5 168. 0	124.3 149.3 188.2	114.3 134.0 189.8	126. 6 153. 7 189. 3	130. 1 156. 5 183. 3	136. 5 168. 3 202. 4	133. 2 160. 5 200. 0	127. 8 153. 0 210. 1	132.3 150.5 210.8	136. 6 158. 3 208. 7	146. 3 173. 3 210. 1	144.7 174.4 217.8	149. 7 176. 7 226. 6	147. 5 170. 9 215. 9		

r Revised. ¹ Quarterly average. ² Beginning Jan. 1963, the estimated totals are based on a new and larger sample and reflect improved estimating methods, which affect comparability with data for earlier periods; Oct.–Dec. 1962 estimated totals on the new basis appear on p. S–25 of the Feb. 1964 Survey. ³ Based on annual total containing revisions not distributed by months.

J'Data are reported on the basis of 100% content of the specified material unless otherwise indicated. Q Includes data not shown separately.

*New series. Data exclude some materials (chiefly crudes) shown in the former series. Monthly data prior to Jan. 1963 may be obtained from Bu. of Census reports.

Title of the standard state of the standard state of the standard state of the standard stand	1962	1963			19	63			1			19	64			
Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
			ELEC	TRIC	POV	VER	AND	GAS								
ELECTRIC POWER				1												
Production (utility and industrial), total ① mil. kwhr Electric utilities, total	71,026 57,003	83, 991 76, 167 62, 379 13, 788	88, 703 81, 000 66, 827 14, 173	89, 861 81, 973 68, 440 13, 533	82, 892 75, 156 63, 144 12, 012	84, 845 76, 712 64, 491 12, 222	82, 437 74, 474 61, 769 12, 705	90, 302 82, 260 67, 653 14, 607	90, 642 82, 328 67, 834 14, 495	84, 613 76, 701 62, 906 13, 795	87, 987 79, 595 63, 652 15, 942	84, 534 76, 392 60, 092 16, 301	87, 226 78, 894 63, 031 15, 863	90, 585 82, 294 68, 341 13, 953	95, 724 87, 606 73, 343 14, 263	
Privately and municipally owned utildo Other producers (publicly owned)do	57, 725 13, 301	62, 095 14, 073	66, 287 14, 713	67, 161 14, 812	61, 769 13, 387	63, 181 13, 531	60, 837 13, 637	66, 459 15, 802	67, 024 15, 304	62, 143 14, 558	64, 596 14, 999	62, 204 14, 188	64, 155 14, 739	67, 960 14, 334	72, 645 14, 961	
Industrial establishments, totaldo By fuelsdo By waterpowerdo	7, 597 7, 313 284	7, 824 7, 555 270	7, 703 7, 474 229	7, 887 7, 665 222	7, 735 7, 533 202	8,133 7,917 215	7, 963 7, 722 241	8, 042 7, 770 272	8, 313 8, 019 294	7, 912 7, 621 291	8, 392 8, 075 317	8, 142 7, 807 335	8, 332 8, 027 305	8, 292 8, 045 246	8,118 7,892 226	
Sales to ultimate customers, total (EEI)do Commercial and industrial: Small light and powerdo Large light and powerdo	64, 674 12, 008 31, 160	69, 234 13, 387 32, 856	70, 509 14, 938 33, 081	73, 018 15, 639 33, 871	72, 079 15, 697 33, 790	69, 516 13, 706 34, 279	68, 309 13, 095 33, 463	71, 364 14, 093 32, 593	75, 196 114, 165 132, 993	72, 724 114,061 132,330	72, 692 114, 121 133, 330	71, 549 114, 034 133, 643	71, 065 1 14, 327 1 34, 459	72, 775 115, 551 134, 675		
Railways and railroadsdo Residential or domesticdo Street and highway lightingdo Other public authoritiesdo Interdepartmentaldo	393 18, 868 612 1, 529 104	389 20, 141 646 1, 683 133	351 19, 752 551 1, 673 168	358 20, 690 591 1, 707 161	348 20, 356 631 1, 706 152	373 18, 553 691 1, 776 138	378 18, 793 735 1, 719 126	452 21, 630 773 1, 716 108	439 24, 932 780 1, 769 118	436 23, 295 711 1, 774 118	409 22, 301 693 1, 707 130	384 20, 982 641 1, 721 143	368 19, 431 613 1, 712 156	366 19,639 589 1,780 174		
Revenue from sales to ultimate customers (Edison Electric Institute)mil. \$	1, 085. 4	1, 141. 4	1, 167. 3	1, 200. 7	1, 187. 8	1, 136. 2	1, 119. 0	1, 161. 7	1, 217. 2	1, 184. 5	1, 169. 0	1, 153.0	1, 145. 9	1,178.5	 	
Manufactured and mixed gas (quarterly):0"‡ Customers, end of quarter, total 9thous_ Residentialdo Industrial and commercialdo	1, 922 1, 800 122	1, 533 1, 432 100			1, 197 1, 114 83			1, 196 1, 111 84			1, 197 1, 112 84					
Sales to consumers, total ?mil. therms_ Residentialdo Industrial and commercialdo	530 370 157	502 346 153			214 100 112			424 277 145			667 480 184					
Revenue from sales to consumers, total	67.3 51.3 15.7	60. 9 46. 1 14. 6			26. 6 16. 9 9. 6			47. 8 34. 7 12. 9			75.3 57.0 17.9					
Natural gas (quarterly):♂‡ Customers, end of quarter, total ♀thous. Residential	32, 674 30, 014 2, 624	33, 893 31, 128 2, 727			33, 989 31, 286 2, 666			34, 799 31, 929 2, 832			35, 104 32, 201 2, 866					
Sales to consumers, total ?mil. therms	25, 045 8, 466 15, 321	26, 321 8, 748 16, 263			19, 504 2, 966 15, 297		 	25, 866 8, 097 16, 465			37, 972 17; 093 19, 082					.
Revenue from sales to consumers, total and a mil. Residential do Industrial and commercial do do Industrial and commercial do Industrial and commercial do Industrial and Industrial and Industrial and Industrial Industria	1,541.3 847.7 651.0	1, 613. 2 880. 3 687. 5			1, 002. 5 401. 7 561. 8			1, 596. 5 848. 6 702. 5			2, 533. 0 1, 563. 0 907. 2					
	FO	OD A	ND K	INDI	RED 1	PROD	UCT	S; T0	BAC	CO						
ALCOHOLIC BEVERAGES Beer: Productionmil. bbl	8. 07	8, 39	10.83	9, 38	7.42	7. 93	6, 85	7.31	7.63	7. 50	8. 95	9. 63	9. 28	10.31		
Taxable withdrawalsdostocks, end of monthdo Distilled spirits (total):	7. 60 10. 46	7.82 10.76	10. 22 11. 70	9. 26 11. 18	7. 37 10. 72	7. 95 10. 19	6. 73 9. 85	7.05 9.67	6. 74 10. 08	6. 42 10. 68	7. 80 11. 30	8. 49 11. 82	8. 73 11. 77	9. 48 11. 93		
Production mil. tax gal. Consumption, apparent, for beverage purposes mil. wine gal. Taxable withdrawals mil. tax gal. Stocks, end of month do. Imports mil. proof gal	12. 90 21. 14 10. 27 882. 72 3. 60	12, 50 21, 58 10, 34 876, 90 3, 82	6, 82 19, 98 9, 25 878, 48 3, 49	8. 52 20. 12 10. 02 874. 49 3. 35	9, 42 19, 46 11, 11 869, 81 3, 94	15, 99 24, 45 14, 57 867, 44 5, 71	13, 39 25, 89 11, 36 865, 87	14. 18 30. 92 8. 56 870. 00	13.89 18.49 9.34 871.77 3.03	13. 51 18. 43 9. 53 873. 19	14.06 21.84 10.51 874.44	21. 08 11. 46 874. 54 3. 84	22. 27 10. 91 874. 27 3. 71	12.79 22.03 10.98 873.92 4.16	3, 27	
Whisky: Production mil. tax gal Taxable withdrawals do Stocks, end of month do Imports mil. proof gal	9. 41 7. 18 859. 13 3. 18	8. 74 7. 08 852. 54 3. 35	3. 40 5. 63 855. 34 2. 99	5. 06 6. 46 851. 80 2. 92	5. 80 8. 02 846. 88 3. 38	10. 13 10. 85 843. 02 5. 04	5. 37 8. 49 8. 38 840. 03 4. 83	9, 99 5, 91 842, 40 4, 19	10. 38 6. 46 844. 01 1. 57	3. 07 10. 27 6. 73 854. 14 1. 77	3. 62 10. 36 7. 05 846. 10 3. 23	10, 95 7, 50 846, 91 3, 42	7 9. 44 7. 05 846. 76 1. 48	8. 46 6. 56 846. 81 3. 71	2.85	
Rectified spirits and wines, production, total mil. proof gal	7. 20 5. 33	7. 24 5. 19	6. 23 4. 42	6. 73 4. 62	7. 74 5. 68	10. 88 8. 35	8. 15 6. 24	5. 87 4. 15	6. 35 4. 33	6. 27 4. 51	7. 24 5. 18	7. 85 5. 68	7. 38 5. 16	7, 27 4, 92		
Effervescent wines: Production	. 37 . 32 2. 79 . 09	. 40 . 35 3. 00 . 09	. 21 . 22 3. 28 . 05	. 36 . 31 3. 29 . 05	. 34 . 39 3, 21 . 09	. 45 . 54 3. 07 . 18	. 37 . 57 2. 86 . 14	. 44 . 59 2. 65 . 15	. 43 . 34 2. 71 . 06	. 48 . 27 2. 88 . 06	. 63 . 34 3. 14 . 08	. 53 . 33 3. 31 . 08	.38 .36 3.30 .09	. 68 . 43 3. 49 . 09	. 07	
Production do Taxable withdrawals do Stocks, end of month do Imports do	15. 78 12. 52 178. 86 1. 08	16. 85 13. 11 185. 04 1. 11	2. 01 9. 57 134. 11 1. 00	3. 04 12. 84 120, 84 . 97	45. 43 12. 52 155. 87 1. 07	108. 68 15. 56 246. 45 1. 92	21, 47 14, 07 249, 05 1, 47	4, 76 13, 71 229, 08 1, 18	2. 73 13. 57 213. 89 . 79	2. 97 13. 76 201. 61 1. 57	3. 40 15. 96 185. 83 1. 10	2. 19 13. 80 175. 68 . 90	1. 84 12. 86 164. 18 1. 16	1, 92 13, 25 150, 88 1, 21	1.02	
Distilling materials produced at wineriesdo	31. 27	39. 39	8.38	ı	118.07	202. 64	70. 11	18.48	5. 10	8. 38	6. 15	1. 79	1. 51	. 86		

r Revised. ¹ Not directly comparable with data through 1963. Comparable figures for Jan.—June 1963, respectively (mil. kw.-hr.): Small light and power—12,609; 12,535, 12,617; 12,577; 12,889; 14,084; large—31,105; 30,442; 31,440; 31,753; 32,496; 32,723. ⊙ Revisions for Jan.—Dec. 1962 appear on p. 24 of the Mar. 1964 Survey.

Unless otherwise stated, statistics through 1962	1962	1963			19	63						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		thly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
FOO	D Al	ND K	INDR	ED P	ROD	UCTS	; TO	BACC	со—с	ontin	ued	,				
DAIRY PRODUCTS									1			}				
Butter, creamery: Production (tactory) t	128. 1 363. 4 . 594	118.3 328.4 .590	114. 1 392. 6 .587	95, 2 367, 0 . 590	85. 5 328. 7 . 603	91.8 284.5 .596	91.9 241.3 .593	111.6 207.0 .593	128. 8 187. 1 . 587	123. 5 191. 2 . 587	139.4 191.0 .586	142.7 195.7 .586	153. 5 203. 5 . 587	142.9 234.9 .587	110.7 - 243.7 . 591	221. 1 . 604
Cheese: Production (factory), total American, whole milk	132.1 91.1	136. 1 * 93. 4	7 150. 4 7 109. 8	139. 8 99. 7	127. 0 86. 6	122. 5 81. 6	115. 7 73. 7	124. 5 78. 3	125. 9 82. 4	124. 0 81. 4	145. 8 96. 5	151. 8 106. 5	176. 4 128. 3	175. 3 128. 1	151.0 108.7	
Stocks, cold storage, end of month, totaldo American, whole milkdo Importsdo Price, wholesale, American, single dalsies (Chi-	463. 4 420. 4 6. 5	385. 0 344. 9 6, 9	439, 9 394, 8 5, 7	435. 2 390. 6 3. 8	407. 9 363. 9 5. 1	378. 2 336. 9 7. 5	363. 3 323. 7 9. 7	340. 7 301. 6 8. 4	318. 1 279. 2 6. 6	301.6 263.7 4.6	301. 7 264. 0 8. 5	323. 1 284. 0 6. 4	352. 2 309. 7 7. 0	331. 8 339. 2 5. 4	7 398. 6 7 353. 1 3. 6	386. 6 339. 8
cago)	6.1 160.7	6, 6 158. 1	9. 2 184. 4	9.6 175.2	6. 9 140. 3	3. 9 129. 7	4.0 122.2	7. 0 133. 9	6. 0 140. 3	5.6 141.5	6.7 150.0	10.7 160.8	10. 0 208. 5	7. 2 202. 0	. 428 8. 3 184. 0	
Stocks, manu acturers', case goods, end of mo.: Condensed (sweetened) mil. lb. Evaporated (unsweetened) do	5. 0 178. 4	6. 6 162. 9	9, 0 223. 5	10. 4 243. 1	6. 2 231. 8	5. 7 199. 8	6. 5 150. 8	5. 8 131. 7	5, 9 96, 8	6. 1 82. 6	7. 3 69. 7	9. 1 82. 6	10.0 147.6	9. 6 208. 2	9. 4 249. 7	
Condensed (sweetened)doEvaporated (unsweetened)doPrice, manufacturers' average selling: Evaporated (unsweetened)s per caseFluid milk:	4. 0 5. 5 6. 11	5. 0 5. 2 6. 01	5. 2 4. 5 6. 00	9. 3 3. 3 6. 00	5. 9 10. 0 6. 00	7. 9 3. 3 6. 00	3. 8 5. 99	7. 0 2. 9 6. 00	3.3 2.5 6.00	3. 0 3. 1 5. 98	3. 4 2. 4 5. 98	5. 2 3. 0 5. 96	8.6 2.7 5.94	5. 4 3. 0 5. 93	5. 4 3. 3 5. 93	
Production on farms	10, 502 5, 216 4, 10	10, 399 5, 0 99 4. 10	10, 861 5, 635 3, 91	10, 130 4, 983 4. 08	9, 558 4, 183 4. 29	9, 557 4, 148 4. 43	9, 205 3, 900 4, 48	9, 706 4, 399 4. 42	10, 066 4, 922 4, 34	9, 842 4, 917 4. 25	11,007 5,655 4.12	11, 346 5, 904 3. 94	12, 330 6, 613 3. 82	11, 790 6, 528 3. 78	10, 824 5, 616 3, 94	10, 177 4. 10
Dry whole milkmil. lb. Nonfat dry milk (human food)do Stocks, manufacturers', end of month: Dry whole milkdo	6.6 185.5	7.6 174.7	7. 4 r 182. 5 6. 5	8.1 144.8 5.5	7.6 119.4 4.8	7. 1 121. 4 5. 0	6. 7 128. 2 5. 3	6. 3 158. 3	7. 6 176. 9 6. 1	6.6 181.0	7. 3 206. 7	7.8 217.7	7. 4 250. 2	6. 6 235. 6	6. 8 181. 5	
Nonfat dry milk (human food)do Exports: Dry whole milkdo Nonfat dry milk (human food)do Price, manufacturers' average selling, nonfat dry	123. 4 1. 1 25. 5	95. 0 2. 5 44. 6	115, 9 1, 7 48, 4	99. 3 4. 7 48. 7	82. 1 2. 6 39. 2	63. 0 2. 0 41. 9	64. 3 1. 6 53. 6	81. 5 2. 9 38. 0	80. 9 2. 1 27. 4	86. 1 .8 37. 9	97. 6 . 8 88. 6	104. 6 1. 1 61. 0	130. 6 1. 3 119. 4	128. 6 . 6 107. 1	127.3 2.4 93.5	
milk (human food) \$ per lb GRAIN AND GRAIN PRODUCTS Exports (barley, corn, oats, rye, wheat) mil. bu	. 148 96. 9	, 144 103, 4	. 144 98. 2	. 144 84. 6	. 144 92. 7	.144	. 144 125. 6	. 146 130. 7	. 146 123. 8	. 146	. 146 123. 4	. 146 126. 6	. 146	.146 r96.8	.143 91.8	
Barley: Production (crop estimate)do	1 436, 4	1 399, 9														2 388. 8
Stocks (domestic), end of quarter, totaldodododododod	3 284.8 3 160.8 3 124.0	3 284. 0 3 165. 0 3 119. 0			426. 0 262. 6 163. 4			329. 5 199. 1 130. 4		6. 7	231. 0 129. 2 101. 8			4 132. 7 4 59. 7 4 73. 1		
Exports, including maltsdo Prices, wholesale (Minneapolis): No. 2, malting	8. 3 1. 26 1. 20	1. 19 1. 11	1. 7 1. 14 1. 05	1.11 1.02	5. 5 1. 18 1. 09	4.8 1.22 1.14	7. 7 1. 21 1. 11	5. 8 1. 18 1. 09	5. 5 1. 18 1. 10	1. 16 1. 09	2. 9 1. 18 1. 10	5. 0 1. 22 1. 14	12.6 1.23 1.16	7. 7 1. 19 1. 11	2. 0 1. 18 1. 08	1. 16 1. 06
Corn: Production (crop estimate, grain only)mil. bu Grindings, wet process	13, 637 14. 3	14, 082 15. 4	16.7	16. 4	15.3	16.8	16.7	14. 4	15. 9	15. 9	17. 4	16. 5	17.2	17.0	15.2	² 3, 640 15. 7
Stocks (domestic), end of quarter, total mil. bu do do do do do do do Exports, including meal and flour do d	3 2, 929 3 1, 807 3 1, 122 35. 5	\$ 2,705 \$ 1,779 \$ 926 36.6	35. 6	26. 6	41,316 4514 4801 27.8	33. 5	55.7	4, 353 3, 217 1, 136 54, 7	46.8	33.5	3, 264 2, 254 1, 010 33. 5	42.4	35. 4	2, 345 1, 479 866 2 8 . 0	32.8	
Prices, wholesale: No. 3, yellow (Chicago)\$ per bu_ Weighted avg., 5 markets, all gradesdo	1. 11 1. 08	1. 24 1. 20	1. 32 1. 26	1.32 1.25	1.35 1.26	1. 18 1. 19	1.15 1.16	1, 19 1, 19	1, 22 1, 20	1. 19 1. 18	1. 21 1. 21	1. 24 1. 24	1. 28 1. 27	1. 26 1. 24	1.22 1.21	1. 25 1. 25
Oats: Production (crop estimate)mil. bu Stocks (domestic), end of quarter, totaldo	11,020 3628	1 981 3 621			946			773			517			4 315		2 898
On farmsdo	³ 553 ³ 74 2. 5	³ 545 ³ 76 .9	1. 6	1. 2	833 113	.6	.2	688 85	. 2	.2	446 72 .1	.3	.7	4 252 4 63	.6	
Price, wholesale, No. 2, white (Chicago)† \$ per bu Rice:	.71	. 73	. 68	. 68	. 71	. 71	. 72	. 74	. 75	. 71	. 68	. 68	. 66	. 66	. 65	. 68
Production (crop estimate)mil. bags Q California mills: Receipts, domestic, roughmil. lb Shipments from mills, milled ricedo	1 66. 0 126 79	1 70, 1 122 85	59 52	66 54	61 45	271 62	81 46	70 84	206 89	138 187	141 82	163 184	103 109	66 42	62 55	2 72. 2
Stocks, rough and cleaned (cleaned basis), end of month	97 364 255	132 438 270	90 115 218	78 836 234	75 1, 679 332	192 1, 113 357	200 377 264	168 295 329	232 329 379	143 192 386	170 123 555	105 148 494	69 71 428	74 58 7 355	56 135 306	
Stocks, domestic, rough and cleaned (cleaned basts), end of month	866 193 . 094	957 220 . 093	255 245 . 095	570 97 .090	1, 340 87 . 087	1, 235 197 . 088	1,710 203 .088	1, 592 357 . 088	1, 447 314 . 088	1, 197 419 . 088	931 356 . 088	746 400 .088	531 265 . 088	7 372 237 . 088	296 122 p.088	
Rye: Production (crop estimate)mil. bu Stocks (domestic), end of quarter, totaldo Price, wholesale, No. 2 (Minneapolis) \$ per bu Revised. Preliminary.	1 40. 8 3 19. 9 1. 22	1 29. 4 3 15. 0 1. 30	1. 21	1. 22	23. 1 1. 42	1. 45	1.44	14. 8 1. 42	1. 48	1. 38	10. 8 1. 34	1, 32	1. 29	4 5. 3 1. 28	1.19	² 34. 4

Revised. *Preliminary.

1 Crop estimate for the year. *Sept. 1 estimate of 1964 crop. *Quarterly average.

4 Old crop only; new crop not reported until beginning of new crop year (July for barley, oats, rye, and wheat; Oct. for corn).

1Revisions are available upon request as follows: Jan. 1961-June 1962 and Jan.-May 1963 for cheese and nonfat dry milk; Jan.-June 1962 and Jan.-May 1963 for butter and condensed, evaporated, and dry whole milk.

o'Revised series; data reflect inclusion of creamed cottage cheese and frozen products (formerly excluded). Revisions for 1946 and 1952-58 (former series) and 1958-62 (revised series) appear on p. 24 of the Mar. 1964 Survey.

§ Excludes a small amount of pearl barley.

† Revised series (for No. 2; formerly, for No. 3).

§ Bags of 100 lb.

Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS

1962 1963	1		19	63			ļ			19	964			
Monthly average	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.

FOOD AND KINDRED PRODUCTS: TOBACCO-Continued

GRAIN AND GRAIN PRODUCTS—Con. Wheat: Production (crop estimate), totalmil. bu	1 1, 094]			1					1	1	1	1	1	1
Production (crop estimate), totalmil, bu.	1 1, 094	1			1	1	l l		l .	i		i	1	1		
Spring wheatdodo	- 1 273 - 1 821	1 1, 138 1 233 1 905			392		l	l			410					. 2 1,019
Distribution (quarterly total)do Stocks (domestic), end of quarter, totaldo On farmsdodo	3 1, 713 3 259	² 337 ³ 1, 563 ³ 252 ³ 1, 311			1, 941 409 1, 533	 		329 1,613 309 1,304			1, 205 153 1, 052			4 900 4 75 4 825		
Exports, total, including flourdodododo	49.2	59. 7 53. 3	55.4 51.4	52. 1 47. 6	58. 1 52. 2	75. 5 70. 4	61. 0 55. 1	68. 9 60. 0	⁵ 70. 5 66. 0	71. 5 65. 6	86. 6 81. 5	78. 0 70. 7	79. 5 72. 1	60. 0 54. 8	56. 3 52. 8	
Prices, wholesale: No. 1, dark northern spring (Minneapolis) \$ per bu No. 2, hd. and dk. hd. winter (Kans. City)_do Weightedayg_, 3 markets, all gradesdo	. 2.19	2. 42 2. 20 2. 33	2. 31 2. 01 2. 12	2.26 2.03 2.19	2. 36 2. 09 2. 29	2. 43 2. 20 2. 37	2. 39 2. 21 2. 34	2.37 2.23 2.31	2. 37 2. 24 2. 31	2.32 2.23 2.27	2. 25 2. 17 2. 19	2.34 2.26 2.26	2. 35 2. 13 2. 26	2. 38 1. 53 1. 58	1. 70 1. 55 1. 59	1.74 1.58 1.69
Wheat flour: Production: Flour	. 1 92.4	21, 991 92, 6 407 49, 976	21, 687 90, 4 398 49, 215	22, 886 95. 3 425 51, 990	21, 409 97. 9 400 48, 798	24, 649 98. 0 459 56, 105	22, 220 101. 6 412 50, 558	21, 399 91. 8 393 48, 599	23, 519 97, 5 433 53, 494	21, 218 96. 8 390 47, 872	21, 956 90, 0 406 49, 646	22, 241 91, 2 411 50, 226	21, 961 94. 3 409 r49, 897	27, 057 7 111. 0 507 61, 557	14, 953 58. 7 283 34, 215	
Stocks held by milis, end of quarter thous, sacks (100 lb.). Exportsdodo	3 4, 584	³ 4, 710 2, 808	1, 702	1,937	4, 516 2, 570	2, 232	2, 550	4, 823 3, 878	1, 912	2, 527	5, 843 2, 183	3, 127	3, 191	5, 354 2, 249	1,540	
Spring, standard patent (Minneapolis) \$ per 100 lb. Winter, hard, 95% patent (Kans. Olty)do		5. 639 5. 365	5. 388 4. 967	5. 013 4. 900	5. 550 5. 283	5. 725 5. 4 67	5. 738 5. 450	5. 538 5. 233	5. 538 5. 250	5. 563 5. 300	5. 313 5. 150	5.600 5.400	5, 478 5, 250	7 5. 783 7 5. 333	p 5, 983 p 5, 642	
Cattle and calves:															}	
Slaughter (federally inspected): Calvesthous animals_ Cattledo Receipts (salable) at 27 public marketsdo Shipments, feeder, to 8 corn-belt Statesdo	1, 225	378 1,805 1,173 551	341 1,838 1,185 342	366 1,900 1,167 468	395 1, 829 1, 287 717	462 2, 092 1, 592 1, 281	385 1, 793 1, 283 1, 133	400 1,808 1,205 578	412 2, 013 1, 189 525	342 1,710 969 319	400 1,878 1,141 384	379 2,045 1,139 355	321 2,070 1,082 322	338 2, 207 1, 257 260	385 2, 162 4 1, 201 359	1,228
Prices, wholesale: Beef steers (Chicago) \$ per 100 lb Steers, stocker and feeder (Kansas City)do Calves, vealers (Natl. Stockyards, Ill.)do	27. 20 24. 53 29. 75	23, 79 22, 95 30, 00	24. 56 23. 19 27. 00	24. 47 23. 67 27. 50	23. 80 22. 71 28. 50	23. 97 22. 38 27. 50	23, 38 21, 53 30, 50	22.16 20.06 30.50	22. 38 21. 17 31. 50	21. 18 21. 57 34. 00	21. 38 21. 42 31. 50	21. 03 20. 91 26. 50	20. 29 19. 24 27. 50	21, 37 18, 92 23, 50	23. 15 18. 81 23. 00	24. 94 19. 30
Hogs: Slaughter (federally inspected)thous animals Receipts (salable) at 27 public marketsdo Prices:	5, 648 1, 650	5, 965 1, 646	4, 995 1, 465	5, 174 1, 393	5, 868 1, 573	6, 775 1, 846	6, 380 1, 726	6, 695 1, 874	6, 956 1, 828	5, 898 1, 511	6, 420 1, 635	6, 481 1, 681	5, 476 1, 460	5, 038 1, 443	4, 928 4, 405	1,294
Wholesale, average, all grades (Chicago) \$ per 100 lb Hog-corn price ratio (bu, of corn equal in value	16.44	15. 03	17. 20	16. 60	15. 53	15. 29	14. 39	13.76	14. 22	14.37	14. 22	13.89	14. 46	15. 22	15.88	16.21
Sheep and lambs: Slaughter (federally inspected)thous animals. Receipts (salable) at 27 public marketsdo	16.4	13. 6 1, 163 444	14. 4 1, 201 470	14.0 1, 204 442	12. 7 1, 236 601	14.1 1,441 640	13. 9 1, 112 419	12.6 1,105 406	13. 2 1, 296 394	13. 2 980 294	12.7 1,035 304	12, 3 1, 052 319	12. 3 986 289	12. 8 1, 056 337	1,118 4 343	13.9
Shipments, feeder, to 8 corn-belt Statesdo Prices, wholesale: Lambs, average (Chicago)		200 18.69 6 17.46	122 16. 50 17. 80	223 16. 50 16. 84	428 18.75 16.84	457 18. 25 16. 52	213 18. 88 16. 44	122 19.38	146 19.50	143 21. 12 (7)	133 22. 25 (⁷)	171 22, 25 (7)	215 24. 00 (7)	23. 75	179 23. 38	23.50
MEATS AND LARD		11110	11.00	10.01	10.01	10.05	20.11		` ′	``	()	, ,				\ \
Total meats:		•				1	:			į						
Production (carcass weight, leaflard in), inspected slaughter mil. lb. Stocks (excluding lard), cold storage, end of	2, 151	2, 292	2, 156	2, 187	2, 245	2, 582	2, 366	2,450	2, 662	2, 252	2, 447	2, 575	2, 406	2, 404	2, 332	
month	481 42 109	592 45 122	579 38 144	522 42 142	523 47 144	541 58 132	623 62 112	653 49 121	729 60 119	773 56 73	810 53 101	872 47 89	873 63 76	833 56 126	731 49 75	631
Beef and veal: Production, inspected slaughterdo Stocks, cold storage, end of monthdo Exportsdo Importsdo	163.5 2.3 79.0	1, 137. 4 217. 2 2. 3 92. 0	1, 156, 6 201, 0 1, 9 110, 1	1, 187. 3 208. 8 2. 7 115. 7	1, 136. 8 228. 2 2. 8 122. 0	1, 291. 2 246. 1 3. 2 105. 7	1, 117. 8 279. 5 2. 9 89. 8	1, 137. 9 287. 6 2. 4 90. 6	1, 292. 8 297. 5 3. 5 89. 3	1, 119. 3 282. 1 2. 1 51. 9	1, 220. 2 284. 5 2. 5 71. 4	1, 314. 8 276. 3 3. 9 66. 4	1, 319. 6 285. 7 5. 7 53. 1	1, 384. 8 300. 4 5. 0 99. 6	1, 336. 5 7 296. 3 3. 8 66. 3	304.5
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (New York)	. 464	. 417	. 420	. 422	. 426	. 417	. 404	. 391	. 398	. 381	. 378	. 379	. 372	. 384	.408	. 424
Lamb and mutton: Production, inspected slaughtermil. lb. Stocks, cold storage, end of monthdo		55. 6 19. 5	55. 0 19. 9	55. 7 19. 8	57. 4 18. 0	67. 3 17. 8	52. 5 17. 2	53. 2 18. 6	63. 9 18. 3	49. 6 18. 4	52. 5 18. 3	53. 6 16. 3	48. 2 16. 4	48. 3 18. 2	51.0 • 17.3	16.2
Pork (including lard), production, inspected slaugh- termil, lb_		1,099.0	944, 2	943, 5	1,050.6	1, 223. 4	1, 195. 7	1, 259. 2	1, 305. 6	1, 082. 8	1, 174. 7	1, 206. 5	1, 038. 1	970.9	944. 4	
Pork (excluding lard): Production, inspected slaughterdo Stocks, cold storage, end of monthdo Exportsdo Importsdo	_ 235.9	856. 6 279. 2 11. 5 17. 6	731. 4 274. 0 8. 1 20. 0	735. 3 220. 0 6. 5 14. 3	823, 7 210, 4 9, 7 14, 8	959. 3 208. 9 14. 4 19. 1	939. 2 250. 2 15. 1 16. 2	987. 4 276. 7 16. 5 18. 6	1, 017. 1 332. 8 22. 9 16. 7	854. 4 382. 3 18. 5 14. 8	914. 5 411. 2 13. 0 19. 7	940. 9 473. 6 10. 9 16. 3	798. 4 468. 8 13. 5 18. 0	743. 6 412. 9 12. 9 17. 0	733.6 7321.4 8.6 17.8	229.8
Prices, wholesale: Hams, smoked, composite	8. 491 . 475	. 464 . 443	. 478 . 495	. 488 . 498	. 465 . 478	. 463 . 461	. 472 . 4 27	. 480 . 417	. 45 8 . 43 8	. 457 . 413	. 452 . 409	. 435 . 401	. 423 . 395	. 448 . 461	p.453 .503	. 513
Production, inspected slaughter	98. 9 35. 2	176. 4 123. 1 44. 8 . 122	155.0 113.9 52.4 .118	151.3 88.3 64.8 .125	165. 1 81. 2 53. 2 . 123	191. 3 75. 2 47. 6 . 131	187. 1 92. 4 35. 2 . 143	198. 4 119. 4 32. 7 . 125	209. 4 105. 7 62. 7 . 128	173. 0 124. 9 52. 3 , 131	189. 1 113. 6 51. 6 . 126	193. 0 116. 3 72. 8 . 130	175. 7 125. 2 51. 9 . 130	165. 7 7 96. 3 91. 1 . 131	155, 5 98, 1 p . 130	

Revised. Preliminary.

1 Crop estimate for the year.

2 Sept. 1 estimate of 1964 crop.

3 Quarterly average.

4 Old crop only; new grain not reported until beginning of new crop year (July for wheat).

5 Beginning Jan. 1964, flour included in total is converted to grain equivalent on basis of 2.33 bu. of wheat to 100 lb. of flour (2.3 bu. formerly used).

5 Average based on months for which quotations are available.

7 No quotation.

^{*}Monthly average based on 11 months (Feb.-Dec.).

† Revised effective Jan. 1961 in accordance with the Standard International Trade Classification (SITC) grouping of items; this grouping excludes lard (included in former export series) and sausage casings (formerly included) but includes meat extracts, etc. (formerly excluded). Data for Jan. 1961-Aug. 1962 are available upon request.

Beginning July 1964, data are for 26 public markets. Comparable data for July and Aug. 1963 are as follows (thous.): Cattle etc., 1,154; 1,137; hogs, 1,461; 1,388; sheep, etc., 463; 437.

Unless otherwise stated, statistics through 1962	1962	1963			19	063						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly erage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.
FOC	DD AI	ND K	INDR	ED P	ROD	UCTS	; TO	BACC	со—с	ontin	ued					
POULTRY AND EGGS			[[1				1
Poultry: Slaughter (commercial production)mil. lb_ Stocks, cold storage (frozen), end of month, total	578	604	641	701	735	833	688	636	552	459	494	541	569	611	635	
Turkeys do do	306 199	295 184	193 101	256 155	363 251	490 361	426 288	364 217	359 215	320 188	273 151	241 123	219 100	211 89	, 227 , 102	273 147
Price, in Georgia producing area, live broilers \$ per lb	. 144	. 138	. 137	. 137	. 130	. 134	. 138	,128	. 139	. 141	. 140	. 135	.130	. 135	. 145	. 140
Eggs:					1	1.201	1230	,,,_	1							
Production on farms mil. cases Stocks, cold storage, end of month:	14.5	1 14.6	14. 6	14. 2	13. 6	14.3	14.2	14.7	14.8	14. 4	16.0	15. 7	16.0	15.0	14.9	14.
Shell thous, cases Frozen mil, lb.	186 82	132 73	236 108	206 105	154 95	137 80	111 68	67 55	137 44	78 40	36 46	81 62	171 86	201 106	r 184 114	12 10
Price, wholesale, extras, large (delivered; Chicago) \$ per doz	. 334	. 343	. 321	. 337	. 395	. 375	. 376	. 372	. 387	. 320	. 326	. 290	. 276	. 293	. 326	. 38
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans: Imports (incl. shells)thous. lg. tons_ Price, wholesale, Accra (New York)\$ per ib	23.8 . 208	23. 5 . 253	14. 4 . 245	16.7 . 245	19. 3 . 256	19. 3 . 276	13. 8 . 255	21.0 .261	26. 7 . 263	23. 9 . 233	29. 4 . 236	16, 8 . 220	17.6 r.228	22. 2 . 224	18. 4 . 235	. 22
Coffee (green): Inventories (roasters', importers', dealers'), end																
of quarterthous. bagso Roastings (green weight), quarterly totaldo	2 3, 355 2 5, 669	² 3, 922 ² 5, 704			4,008 5,074			4,726 6,306			4, 366 6, 645			4, 216 5, 016		
Imports, totaldodo	2,041	1,986	1, 957	1,888	2, 167	2, 486	2, 181	2, 143	1, 977	1,970	2,476	2, 460	1, 597	1, 344	1, 552	
From Brazil do Price, wholesale, Santos, No. 4 (New York)	758	772	790	745	908	949	1,026	982	718	591	1,006	843	302	399	441	
\$ per lb_ Confectionery, manufacturers' salesmil. \$. 344 105	. 345 110	. 338 75	. 335 95	. 335 154	. 353 148	. 380 133	. 380 119	. 480 129	. 465 120	. 505 109	. 500 104	. 490 89	. 485 87	. 475 76	. 475
Fish: Stocks, cold storage, end of monthmil. lb_ lugar:	180	206	219	230	236	243	249	244	220	178	163	156	162	1 7 7	r 200	210
Cuban stocks, raw, end of month thous. Spanish tons	1, 424	947	1, 158	550	465	275	175	25	130	625	1, 345	1, 835	1,695	1, 370	1, 380	
United States: Deliveries and supply (raw basis):§											ĺ	,				
Production and receipts: Productionthous, sh. tons	273	314	64	98	146	750	938	939	595	305	197	120	66	45		
Entries from off-shore, total \(\text{\text{\$\cdots}} \) dododo	550 166	540 159	451 246	516 179	230 98	424 150	241 94	124 56	1, 2 13 78	224 108	371 228	348 223	399 216	723 244	628 224	
Deliveries, total ?do For domestic consumptiondo	821 813	836 832	807 799	921 917	960 958	968 967	639 637	952 950	642 641	583 582	701 700	732 731	765 764	919 918		
Stocks, raw and refined, end of month_do	1, 599	1,675	1, 504	1, 273	1, 023	1, 273	1, 920	2,487	2, 579	2, 581	2, 533	2, 341	2, 185	1,866	₽1,496	
Exports, raw and refinedsh. tons_Imports:	259	342	486	186	154	209	1, 127	352	585	785	571	367	407	396	231	
Raw sugar, total \(\text{\text{\$\cdots\$}} \) thous. sh. tons	359 102	359 91	419 118	404 133	383 101	351 90	214	423 94	163 68	92 11	226 89	205 42	340 127	293 77	367 170	
Refined sugar, totaldodo	25	14	8	5 .	3 42	19	19	14	2	2	1	3	1	5	11	
Raw, wholesale\$ per lb_ Refined:	. 065	.081	. 077	. 065	. 073	, 092	. 095	. 084	. 095	. 082	. 073	. 074	. 068	. 066	. 062	. 062
Retail (incl. N.E. New Jersey) _ \$ per 5 lb_ Wholesale (excl. excise tax) \$ per 1b_	. 569 . 089	.688 .111	. 803 . 121	. 753 . 108	. 681 . 099	. 675 . 114	. 750 . 127	. 771 . 122	. 769 . 1 25	. 774 . 118	. 737 . 112	. 722 . 105	. 696 . 102	. 668 7. 092		
Cea, importsthous. lb_	10, 808	10, 503	9, 493	7, 717	11,011	13, 439	10, 571	8, 851	10, 823	10, 627	12,377	13, 982	11,552	10, 409	10, 392	
Baking or frying fats (incl. shortening):	004.0	011.1	106 5	217.4		0.00						, , , , , , , , , , , , , , , , , , ,				
Production mil. lb. Stocks (producers' and warehouse), end of month	224. 0 173. 5	211.1 132.3	186. 7 115. 5	211. 4 112. 0	214. 5 103. 7	258. 1 103. 4	228.8	203. 0	207.1	209. 8	213.0	216.3	221. 4	233. 8	182. 2	
alad or cooking oils: Productiondodo	211.0	191.0	197. 2	190.5	183.9	187. 5	104. 2 177. 0	119. 3 183. 2	114. 2 175. 6	113.4 199.9	113.9	116.5	122. 1	131. 1 235. 1	117. 2 238. 8	
Stocks (producers' and warehouse), end of month mil. lb_	245. 0	248.7	292. 5	258. 2	210. 2	(4)	160. 0	145. 1	137. 5	124. 7	211. 4 119. 5	201. 0 126. 2	207. 4 129. 0	120. 7	104.7	
Aargarine: Productiondodo	143. 8	145.4	125. 2	136. 7	148.6	161. 3	147. 9	163. 1	181.4	159. 4	159.8	150. 2	138. 4	134. 3	136. 5	
Stocks (producers' and warehouse), end of month	39.0	45.8	40.8	41.7	40.8	44.1	40.8	36. 4	42.7	46. 7	52. 0	48.6	50.6	47. 2	44.4	
Price, wholesale (colored; mfr. to wholesaler or large retailer; delivered)\$ per lb	. 256	.238	. 238	. 238	. 238	. 238	. 238	.238	. 238	. 238	. 238	. 238	. 238	. 238	p. 238	
FATS, OILS, AND RELATED PRODUCTS																
animal and fish fats: △ Tallow, edible:																
Production (quantities rendered)mil. lb_Consumption in end productsdodo	35. 8 30. 7	41.4 33.6	38. 7 35. 9	45. 4 39. 5	39. 7 35. 9	42. 5 36. 5	42.8 37.7	38. 5 28. 8	$\frac{41.3}{30.2}$	46. 3 37. 2	41.9 37.3	44. 6 39. 2	49.6 42.0	45. 9 40. 4	41. 9 34. 9	
Stocks (factory and warehouse), end of month mil. lb	25. 7	41.3	47. 4	39. 1	33. 9	29.8	29. 0	35. 6	35. 7	36. 4	37. 4	38. 5	38. 7	37. 8	35. 5	
Tallow and grease (except wool), inedible: Production (quantities rendered)	287. 8	317.2	309. 2	330. 5	304. 5	350.3	327. 3	319. 9	363, 3	336. 4	335, 3	366.0	361.0	351. 3	346. 4	
Stocks (factory and warehouse), end of month	150.6	150.7	127. 4	157. 5	145. 6	167. 0	140.1	141. 8	5 183. 6	173. 2	161.8	173.8	178. 3	⁷ 193. 0	159.9	
Fish and marine mamma loils:	384. 7 21. 3	385.9	349. 3	354.6	333.6	353.0	372.8	386. 2	387. 3	421. 5	395. 9	395. 9	331. 1	7 331. 9	314. 7	
Production do do do do do do do do do do do do do	8.2	15.3 7.4	29. 4 8. 4	34. 2 7. 0	19.8 7.0	14. 2 8. 1	10. 0 7. 2	6. 1 6. 5	. 7 6. 5	6. 9	. 3 6. 9	3. 5 7. 6	29. 4 6. 8	r 40. 2 r 7. 0	31. 8 5. 9	
mil. lb	144.0	6 166. 5	165.0	176. 5	181.5	159. 0	7 197. 1	7 168. 4	7 129.8	110. 5	99. 4	95. 5	113. 2	r 124. 6	136. 2	

mil. [b.-. 144.0 * 166.5 1 165.0 * 176.5 * 181.5 * Revised. * Preliminary. 1 Beginning Jan. 1963, includes data for Alaska and Hawaii. 2 Quarterly average. 3 Effective Sept. 1963, includes small amounts of refined sugar, tinctured, colored, or adulterated. 4 Not available. 5 Beginning Jan. 1964, data are not comparable with those for earlier periods; consumption for feed now based on renderers shipments instead of feed mill reports. 6 Beginning March 1963, includes General Services Administration stocks no longer required for the strategic stockpile. 7 Includes a significant amount described as "contaminated."

^{99.4} ©Cases of 30 dozen. &Bags of 132,276 lb.

§ Includes data not shown separately; see also note "\seta". \seta Monthly data reflect cumulative revisions for prior periods.

&For data on lard, see p. S-28.

†Revisions for Jan.-June 1962 appear in the Sept. 1963 Survey.

Unless otherwise stated, statistics through 1962	1962	1963			19	963						19	964			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly erage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug
FOC	DD AI	ND K	INDR	ED P	ROD	UCTS	s; T 0	BACC	CO-C	ontir	nued					
FATS, OILS, AND RELATED PRODUCTS—Continued																
Vegetable oils and related products: Coconut oil:								ł	ŗ		i.					
Production: mil. lb	1 35. 8	29.0 46.2	34.5	26.3	31.3	33, 5	39. 4	29. 8	30.0	30.0	(2)	18.6	20.0 41.9	25. 2 38. 0	32. 6 46. 2	
Refined do Consumption in end products do Stocks, crude and refined (factory and ware-	44. 3 57. 5	60.4	46. 1 57. 0	50. 1 65. 0	45. 3 60. 7	47. 1 67. 8	44. 5 57. 0	41. 5 59. 3	41.2 58.0	41. 6 58. 7	41. 1 61. 9	48. 4 66. 7	65.9	r 58. 7	61. 1	
house), end of monthmil. lb Importsdo	243. 4 22. 1	227. 4 31. 0	227. 9 38.7	215.3 46.2	225. 0 35. 3	219. 5 39. 4	209. 3 7. 8	195. 9 0	193. 4 61. 1	196. 5 41. 6	185. 5 46. 1	166.0 34.8	158. 2 27. 8	7 154. 7 36. 4	166. 3 35. 4	
Corn oil: Production:	30. 4	32, 5	34.1	348	31.9	34. 7	34. 6	30.9	32,7	34.6	37. 2	36.6	35.9	37.0	33.0	
Crudedo Refineddo Consumption in end products‡do	29. 3 26. 8	30.3 27.5	30. 1 23. 3	26. 8 28. 9	31. 5 29. 5	30. 0 31. 6	32. 2 28. 0	34. 2 32. 2	30. 1 33. 3	28. 6 34. 5	34. 7 33. 0	30.0 31.7	27. 7 r 30. 9	34. 3 33. 0	32. 9 34. 3	
Stocks, crude and refined (factory and warehouse), end of month:mil.lb	49.1	58.2	63.1	61. 6	63. 1	62. 9	67. 4	64. 8	62.4	60. 5	60.3	63.9	62.6	63.8	62. 2	İ
Cottonseed cake and meal: Productionthous, sh, tons	223. 2	225.3	72.0	101.0	224.1	346.3	353, 7	304.8	326.5	292, 8	259. 1	212.9	165. 1	116. 7	86.3	
Stocks (at oil mills), end of monthdo Cottonseed oil:	118.6	172.9	190.4	156.6	159.8	169.8	195. 6	188.0	207. 5	241. 4	259. 9	295.7	325. 6	305.0	250. 1	
Production: mil_lb Crudemil_lb do	161. 5 132. 4	158.2 131.1	51. 2 52. 3	70. 5 57. 4	156. 7 98. 9	241. 3 166. 1	249. 4 174. 2	212.3 171.9	231.4 158.2	207. 4 137. 1	185. 8 146, 7	154. 7 151. 9	119. 2 137. 2	86. 6 117. 2	59. 8 78. 9	
Consumption in end products do Stocks, crude and refined (factory and ware-	108.8	95.6	83. 3	88. 5	92. 7	107. 2	98. 9	101. 7	95.2	102. 9	107, 5	103.8	99.2	111.9	104.9	
house), end of month mil. lb. Exports (crude and refined)* do. Price, wholesale (drums; N.Y.) \$\frac{1}{2}\$ per lb.	419. 6 30. 9	598.4 30.4	513. 7 18. 0	465. 6 23. 7	487. 5 21. 5	554. 7 25. 2	637. 4 31. 0	685. 6 40. 8	739. 8 53. 3	803. 7 48. 7	801. 6 76. 3	810, 2 38, 4	769. 2 54. 0	701. 6 43. 1	610. 6 21. 2 p. 133	
Linseed oil:	. 167	.153	. 160	. 150	. 151	. 154	. 161	. 146	. 143	. 141	, 145	. 149	. 152	a.132	V. 155	
Production, crude (raw) mil. lb Consumption in end products do	31. 8 31. 5	33.3 32.0	8.1 36.5	25. 9 35. 1	37. 4 32. 6	41. 1 31. 8	34. 9 28. 2	32. 1 26. 4	35.3 28.0	33. 6 31. 0	33. 5 32, 5	31.5 35.1	39. 3 34. 6	40. 8 36. 4	33. 7 35. 2	
Stocks, crude and refined (factory and warehouse), end of monthmil. lb Price, wholesale (Minneapolis)	111.8 .142	116. 7 .127	99.3 .127	92. 5 . 125	92. 2 . 123	103, 9 . 127	109. 4 , 128	111. 8 . 129	124.4 . 133	132. 0 . 133	132.9 .133	131.6 .133	137. 6 . 133	139. 4 . 133	125.9 p.133	
Soybean cake and meal:									<u> </u>							
Production thous, sh, tons. Stocks (at oil mills), end of month \do	867. 8 86. 5	900, 1 127, 3	878. 7 115. 3	901.0 146.7	736. 9 145. 1	944. 4 147. 7	918. 7 165. 1	912. 0 159. 5	842.0 152.4	807. 3 162. 4	790. 7 157. 2	819.0 139.9	855. 2 167. 6	7 830.8 7 124.1	891. 9 120. 7	
Soybean oil: Production: Crudemil, lb	407. 4	421, 1	413. 6	426. 9	345.9	442, 1	426. 2	425, 4	388, 6	376. 2	368. 9	385.6	398.7	7 386, 2	411.3	
Refineddo Consumption in end productsdo	338. 9 340. 7	334. 1 318. 3	295. 4 302. 7	336. 1 303. 9	340. 0 320. 5	361. 5 348. 9	331. 6 317. 3	329. 2 316. 1	351.2 336.6	328. 3 330. 9	362. 7 353. 3	352. 1 344. 8	355. 6 342. 3	400. 5 366. 1	340. 5 341. 7	
Stocks, crude and refined (factory and ware- house), end of month‡mil. lb. Exports (crude and refined)*do	803. 9	³ 865. 2	921.2	923. 1	919.8	(2)	898. 9	987. 9	1,022.4	1, 006. 4	991. 4	922.3	873.3	7 814. 9 99. 5	759.2	
Price, wholesale (refined; N.Y.) per lb.	101. 1 . 133	92. 1 . 133	82. 2 . 132	87.0 .124	142. 7 . 133	99. 6 . 133	42.1 .141	57.3 . 127	70. 2 . 123	74. 7 . 122	69. 2 , 122	126. 0 . 121	62.7 .123	a. 102	127. 1 p . 109	
TOBACCO eaf:	40.015	10 997														
Production (crop estimate) mil, lb_Stocks, dealers' and manufacturers' end of quarter, total mil, lb_	4 2, 315 + 64, 694	42,337 r64,931			· 4, 754			r 5, 251			, 5, 314			4, 906		2 2,
Exports, incl. scrap and stemsthous. lb_Imports, incl. scrap and stemsdo	39, 073 13,951	42, 124 13, 985	33, 215 14, 857	40, 033 14, 233	64, 827 11, 905	76, 548 15, 802	59, 291 14, 737	56, 370 12, 553	36, 901 12, 438	36, 307 22, 822	23, 529 12, 876	29, 667 14, 687	r31, 306 14, 147	44, 084 15, 735	32, 793 14, 860	
Ianufactured: Production (smoking, chewing, snuff)do	14,066	13, 953	12, 576	15, 019	14, 759	16, 604	13, 017	11, 947	15, 068	16, 150	16, 937	16, 701	14, 647	15, 350	-	
Consumption (withdrawals): Cigarettes (small): Tax-exemptmillions.	3, 422	3,424	3, 347	3, 867	3, 173	3,740	3, 561	3,360	3, 344	3, 234	3, 216	3, 144	3, 126	3, 644		
Taxable do do Cigars (large), taxable do do do do do do do do do do do do do	41, 205 530	42, 466 547	42, 414 566	47, 006 606	42, 399 555	46, 740 652	41, 272 648	36, 684 407	40, 980 594	29, 168 622	37, 854 682	43, 686 670	41, 714 731	45, 154 699		
Manufactured tobacco, taxable thous. lb_Exports, cigarettes millions_	13, 770 2, 007	13, 702 1, 968	13, 012 1, 990	14, 810 2, 448	14, 382 1, 656	15, 838 2, 124	12, 858 2, 047	12,440 1,964	14, 863 1, 843	15, 550 1, 702	16, 214 2, 107	16, 028 1, 862	14, 231 1, 890	14, 757 2, 046	2, 148	
			LEA'	THEF	RANI	D PR	ODUC	CTS								
HIDES AND SKINS														·		
xports: Value, total 9thous. \$ Calf and kip skinsthous, skins	6, 909 171	6,215 155	5, 726 117	6, 609 147	5, 861 136	7, 124 190	7, 256 206	5, 711 203	6, 525 255	6, 779 233	6, 3 85 245	7, 088 213	8, 620 239	8, 252 151	7, 890 184	
Cattle hidesthous, hides	593	664	622	756	661	919	843	659	787	904	778	882	1,072	987	972	
Value, total ? thous. \$. Sheep and lamb skins thous. pieces.	5, 539 2, 290	5,253 $2,192$	6, 692 3, 709	4, 809 1, 723	4, 948 7 1, 923	4, 320 1, 249	3, 905 781	4, 212 1, 361	5, 223 8 1, 031	7, 122 3, 254	8, 456 4, 370	8, 111 3, 380	8, 519 3, 615	8, 242 2, 732	8, 369 3, 35 4	
Goat and kid skinsdodo rices, wholesale (f.o.b. shipping point): Caliskins, packer, heavy, 9½/15 lb\$ per lb	1, 198 p . 623	1,231 2,365	1,275	1,346 .350	1, 211	1, 250	1,000	1, 150 , 325	1, 360 . 325	1, 113	1,099	1, 323 .400	1,650 .438	1,134 r.430	1, 157	
Hides, steer, heavy, native, over 53 lbdo	P. 152	p, 111	. 113	. 108	. 103	. 110	.110	.090	. 083	.078	. 083	.113	. 098	7.104	₽.114	
oduction: Calf and whole kipthous, skins_	498	466	424	485	403	532	453	471	386	414	484	525	601	611		
Cattle hide and side kipthous, hides and kips_ Goat and kidthous, skins	1, 877 1, 184	1,804 1,182	1, 588 1, 141	1, 802 862	1, 774 1, 064	2, 039 1, 258	1, 793 1, 137	1, 798 1, 212	1, 844 1, 325	1, 790 1, 047	1,835 1,059	1, 993 1, 171	7 1, 993 1, 132	1, 957 1, 134		
Sheep and lambdodo	2, 527	2,864	2, 367	3, 234	2, 833	3, 128	2, 906	2,693	2, 552	2, 727	2, 731	2, 813	3, 018	2, 736		
Glove and garment leather thous, sq. ft	3, 502 3, 019	4,640 3,423	3, 272 2, 573	5, 548 3, 860	4, 252 2, 955	5, 493 4, 436	4, 763 3, 984	4, 863 4, 968	5, 273 4, 393	4, 522 4, 051	4, 950 4, 486	4, 293 3, 809	$\frac{4,562}{3,627}$	3, 443 3, 762	2, 555 2, 602	
Res, wholesale: Sole, bends, light, f.o.b. tannery\$ per lb Upper, chrome calf, B and C grades, f.o.b, tan-	» . 711	▶.678	. 687	. 660	. 657	. 657	. 657	. 657	. 650	. 650	. 647	. 657	. 657	. 657	₽.657	Ì
nery\$ per sq. ft	-1 000	n 1 151	1. 170	1. 140	1. 133	1.097	1.103	1. 137	1. 143	1, 137	1. 137	1. 133	1 190	a 1. 180	1 1 100	I

able. ³ Average based on months for which data are available. ⁴ Crop estimate for the year. ⁵ Sept. 1 estimate of the 1964 crop. ⁶ Quarterly average. ⁷ Effective Sept. 1963, data reflect minor changes in coverage to conform with "Tariff Schedules of the United States." ⁸ Effective Jan. 1964, data exclude items presently reported in lbs. instead of pieces. ⁷ Revisions for 1962 appear in the Sept. 1963 Survey.

Monthly averages for 1951-56 (corrected) appear in the Aug. 1964 Survey.

Q Includes data for items not shown separately.

Beginning June 1964, data are not comparable with those for earlier periods because of changes in specifications or reporters (for leather). May 1964 prices on new basis: Cotton-seed oil, \$0.132; soybean oil, \$0.103; leather, \$1.180.

September 1904			7.12.1	Or	COIC		· DO	OIII.								16 <u>–</u> 0
Unless otherwise stated, statistics through 1962	1962	1963			19	63						19	964			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mon ave		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
		LEAT	HER	AND	PRO	DUC	TS—	Conti	nued							
LEATHER MANUFACTURES			-				<u> </u>									
Shoes and slippers: Production, total:thous. pairs Shoes, sandals, and play shoes, except athletic	49,803	49, 284	44, 848	55, 670	50, 132	53, 809	44, 671	45, 258	51, 556	50, 033	52, 314	49, 205 42, 217	747,685 40, 325	47, 329 40, 357		
thous pairs Slippers for houseweardo Athleticdo Other footweardo	42,033 6,603 583 584	42, 157 5, 918 502 707	38, 430 5, 368 377 673	46, 686 7, 526 495 963	40, 486 8, 087 486 1, 073	42, 784 9, 212 500 1, 313	35, 992 7, 357 438 884	39, 932 4, 109 412 805	46, 689 3, 882 397 588	44, 634 4, 614 390 395	46, 250 5, 107 439 518	5, 969 443 576	76, 280 354 726	5, 893 289 790		
Exportsdo Prices, wholesale, f.o.b. factory: Men's and boys' oxfords, dress, elk or side	177	170	136	182	190	205	208	132	115	156	210	174	¢ 145	243	141	-
wells and boys oknows, diess, eik of side upper, Goodyear welt	105. 6 107. 8 111. 2	105. 1 106. 5 110. 7	105. 1 106. 5 111. 1	105. 1 106. 5 111. 3	105. 1 106. 5 111. 1	105. 1 106. 5 111. 3	105. 1 106. 5 110. 6	105. 1 106. 5 110. 9	105, 1 106, 5 111, 2	105. 1 106. 5 110. 6	105, 1 106, 5 110, 6	105. 1 106. 5 110. 8	105. 1 106. 5 110. 9	105. 1 106. 5 110. 9	105. 1 106. 5 110. 9	
		<u> </u>		ABER			<u> </u>	<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>	1	<u></u>
LUMBER—ALL TYPES		<u> </u>							l							
National Lumber Manufacturers Association: 🗷 🔾 Production, totalmil. bd. ft Hardwoodsdodo	2, 764 530 2, 234	2, 882 581	2,743 554 2,189	3, 145 588 2, 557	3, 115 609	3, 244 617 2, 627	2,798 600	2, 559 501	2, 701 501	2, 817 524 2, 293	3, 054 493 2, 561	2, 999 482 2, 517	2, 953 465 2, 488	3, 041 539 2, 502	3, 052 541 2, 511	
Softwoods do Shipments, total do Hardwoods do Softwoods do	2, 254 2, 777 525 2, 252	2, 301 2, 866 564 2, 303	2, 189 2, 939 520 2, 419	3, 100 567 2, 533	2, 506 2, 903 562 2, 341	3, 054 592 2, 462	2, 198 2, 707 579 2, 128	2,058 2,579 516 2,063	2, 200 2, 686 514 2, 172	2, 293 2, 945 548 2, 397	3, 082 547 2, 535	3, 129 537 2, 592	3, 041 524 2, 517	3, 121 535 2, 586	3, 170 539 2, 631	
Stocks (gross), mill, end of month, totaldo Hardwoodsdo Softwoodsdo	6, 346 1, 529 4, 817	6, 504 1, 842 4, 662	6, 243 1, 866 4, 377	6, 312 1, 887 4, 425	6, 454 1, 914 4, 540	6, 493 1, 964 4, 529	6, 555 1, 987 4, 568	6, 541 1, 971 4, 570	6, 594 1, 957 4, 637	6, 472 1, 930 4, 542	6, 461 1, 871 4, 590	6, 386 1, 810 4, 576	6,310 1,747 4,563	6, 226 1, 752 4, 474	6, 156 1, 754 4, 402	
Exports, total sawmill productsdo Imports, total sawmill productsdo SOFTWOODS	63 408	73 1 445	77 616	76 576	77 1 457	84 469	82 381	84 364	70 281	68 391	97 455	72 475	90 445	77 576	95 556	
Douglas fir: Orders, newmil. bd. ft. Orders, unfilled, end of monthdo	680 496	679 538	609 521	618 450	719 491	800 520	649 528	665 535	842 671	738 721	694 637	731 594	705 558	735 520	947 485	
Production do Shipments do Stocks (gross), mill, end of month do	665 673 991	671 676 969	542 643 882	692 689 894	700 677 925	745 772 878	666 641 923	638 659 903	761 706 984	708 688 1,004	771 778 997	798 773 1,056	756 741 1,048	770 773 1,045	927 920 1,483	
Exports, total sawmill products do—Sawed timber do—Boards, planks, scantlings, etc do—Prices, wholesale: Dimension, construction, dried, 2" x 4", R. L.	26 10 17	31 12 19	30 9 21	31 11 21	26 10 16	34 15 20	37 14 23	37 18 19	28 11 17	27 12 15	38 14 24	27 10 17	41 18 23	29 • 9 • 20	39 13 26	
Flooring, C and better, F. G., 1" x 4", R. L. \$ per M bd. ft. \$ per M bd. ft. \$ per M bd. ft.	78. 65 122. 52	79. 92 134. 22	86. 00 136, 04	85. 90 138. 45	79.86 136.72	77. 96 137. 67	77. 73	77. 96	78. 20 142. 46	81.43 150.02	82. 01 152, 42	83.10 151.90	82. 99 153. 45	7 82. 03 153. 45	» 81.70 »155. 78	
Southern pine: Orders, newmil. bd. ft_ Orders, unfilled, end of monthdo	478 255	491 280	541 305	523 279	486 269	562 279	139. 77 483 264	141.38 379 256	447 259	466 270	528 289	557 306	536 294	550 284	540 267	
Productiondododo	478 475	484 488	511 548	518 549	503 496	545 552	484 498	411 387	475 444	476 455	520 509	534 540	517 548	525 560	534 557	
Stocks (gross), mill and concentration yards, end of month mil. bd. ft. Exports, total sawmill products. M bd. ft. Sawed timber do Boards, planks, scantlings, etc do Prices, wholesale, (indexes):	1, 366 6, 325 1, 571 4, 754	1, 380 6, 414 832 5, 583	1, 358 5, 926 987 4, 939	1, 327 7, 174 675 6, 499	1, 334 4, 681 397 4, 284	1, 327 7, 676 833 6, 843	1, 313 8, 210 1, 225 6, 985	1,337 7,955 1,300 6,655	1, 368 6, 603 747 5, 856	1, 389 6, 391 902 5, 489	1, 400 10, 643 1, 011 9, 632	1, 394 8, 694 788 7, 906	1,363 10,050 847 9,203	1,328 9,692 1,521 8,171	1, 305 8, 400 823 7, 577	
Boards, No. 2 and better, 1" x 6", R. L. 1957-59=100_ Flooring, B and better, F. G., 1" x 4", S. L.	93. 1	92. 5	93. 9	94.3	94. 0	92.8	93.0	92.8	92. 7	92.8	92.6	92. 7	93. 2	92. 7	92. 9	
Western pine: 1957-59=100_ Orders, newmil. bd. ft Orders, unfilled, end of monthdo	94. 6 800 416	95. 2 849 383	95. 5 942 435	95. 7 892 356	96. 0 866 347	95. 6 1, 002 384	95. 6 730 352	95. 6 759 347	95. 6 891 503	95. 4 937 501	95. 4 876 496	95. 4 894 484	95. 4 837 437	95. 1 914 7459	95. 1 947 485	
Production do Shipments do Stocks (cross), mill, end of month do Price, wholesale, Ponderosa, boards, No. 3, 1" x	789 797 1,679	841 839 1, 657	866 924 1, 519	1,006 971 1,554	977 875 1,656	992 837 1,683	772 762 1, 693	749 764 1,678	682 735 1,625	806 939 1,492	930 881 1, 541	851 906 1,485	893 884 1,494	875 893 1,476	927 920 1, 483	
12", R. L. (6" and over)\$ per M bd. ft HARDWOOD FLOORING	67.43	67.42	70.79	72.16	70. 56	65.96	64. 62	63. 50	63.07	63, 67	66.45	68.05	69.92	⁷ 69. 01	₽ 67.18	
Flooring: Maple, beech, and birch:						ı		!								
Orders, new	3. 1 10. 5 2. 7 2. 9 7. 9	2.9 10.8 2.8 2.7 6.5	2.8 10.5 2.7 3.4 5.5	3, 1 10, 2 3, 3 3, 3 5, 4	2. 0 10. 0 2. 8 2. 4 5. 8	3. 2 10. 6 3. 3 2. 6 6. 6	2. 1 10. 4 2. 5 2. 4 6. 6	2. 2 10. 5 2. 6 1. 9 7. 1	2. 6 10. 8 2. 6 2. 2 7. 6	2.8 11.6 2.2 1.9 7.9	3.0 12.4 2.3 2.4 7.8	3. 1 12. 5 3. 0 2. 7 7. 9	2.8 12.5 2.7 2.6 7.9	3. 1 12. 2 2. 9 3. 4 7. 3	2. 6 11. 3 2. 4 3. 6 6. 0	
Oak: do Orders, new do Orders, unfilled, end of month do Production do Shipments do Stocks (gross), mill, end of month do	65. 7 42. 8 65. 0 65. 9 75. 2	68. 3 45. 2 69. 3 69. 1 43. 6	72. 9 48. 1 72. 2 74. 4 38. 0	75. 5 47. 5 75. 3 76. 1 37. 2	64. 9 44. 9 69. 4 68. 6 38. 7	72. 8 40. 4 79. 9 77. 5 39. 7	55. 1 34. 7 68. 3 64. 7 41. 2	51. 0 36. 9 62. 8 56. 4 46. 6	75. 7 44. 7 72. 7 64. 4 55. 0	84. 2 63. 6 65. 2 65. 2 55. 0	74. 7 68. 6 71. 2 73. 2 52. 5	69. 4 62. 3 73. 2 72. 3 53. 4	58. 1 54. 1 70. 3 68. 1 54. 4	62. 5 48. 5 72. 1 70. 4 53. 1	72. 1 72. 6	

r Revised. Preliminary. Corrected. Beginning Sept. 1963, data exclude small amounts formerly included. Revisions by months for 1961-Sept. 1962 are shown in Bu. of Census report M31A(62)-13.

o'Revisions by months for 1961-Oct. 1962 for production, shipments, and orders will be shown later; those for 1951-62 for stocks appear on p. 28 of the Jan. 1964 SURVEY. ⊙ Beginning Jan. 1961, data for Alaska included in pertinent items.

Unless otherwise stated, statistics through 1962	1962 1963			1	963						19	964			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Monthly average	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.

METALS AND MANUFACTURES

		N	1ETA	LS A	ND M	IANU	FACT	TURE	S							
IRON AND STEEL																
Exports: Steel mill products	168 426 13	182 530 6	195 698 3	178 748 2	162 640 1	212 552 8	207 428 5	230 564 6	226 580 4	212 557 3	235 744 (1)	218 708 14	256 770 34	300 679 39	333 718 27	
Imports:	342 22 42	454 19 55	599 12 42	547 14 61	471 13 89	549 15 111	516 16 80	402 29 51	481 27 29	428 26 36	474 23 21	495 16 29	544 17 78	604 31 99	582 17 90	
Iron and Steel Scrap		}			}				ļ							
Production and receipts, totalthous, sh. tons Home scrap produceddo	5, 494 3, 387	6, 168 3, 715	5, 958 3, 732	5, 511 3, 404	5, 494 3, 363	6, 186 3, 670	5, 898 3, 513	5, 873 3, 535	6, 363 3, 876	6, 366 3, 841					.	
Purchased scrap received (net)do Consumption, totaldo	2, 107 5, 513	2, 453 6, 218	2, 227 5, 681 8, 011	2, 107 5, 425	2, 131 5, 573	2, 516 6, 197	2,385 5,971	2, 337 5, 944	2, 487 6, 530	2, 524 6, 560						
Stocks, consumers', end of modo Prices, steel scrap, No. 1 heavy melting: Composite (5 markets)	8, 844 28. 12 29. 00	7, 977 26. 78 27. 00	25. 69 25. 00	8, 097 26, 56 25, 00	8, 013 26, 89 26, 00	8, 002 27, 22 26, 00	7, 962 27, 02 25, 00	7, 937 27, 24 26, 00	7, 778 28. 94 29. 00	7, 599 28, 63 29, 00	28, 85 31, 00	30, 36 32, 00	30. 62 33. 50	7 31. 91	p 33. 23 p 36. 00	
Ore Iron ore (operations in all U.S. districts):							Ì							:		ŀ
Mine production thous, lg, tons. Shipments from mines do Imports do	6,050 5,859 2,786	r 6, 060 r 6, 156 2, 791	8, 933 10, 704 4, 071	8, 865 10, 587 4, 220	8, 573 9, 718 3, 369	7, 318 9, 141 4, 064	3, 876 5, 997 2, 980	3, 543 1, 846 1, 940	4, 067 1, 406 1, 693	4, 088 1, 446 1, 667	4, 167 1, 598 2, 017	5, 731 4, 150 2, 403	8, 918 7, 867 3, 451	9, 448 8, 302 4, 752	5, 070	
U.S. and foreign ores and ore agglomerates: Receibts at fron and steel plantsdo Consumption at fron and steel plantsdo Exportsdo	8, 121 8, 041 491	8, 458 8, 669 568	13, 070 8, 758 1, 258	13, 375 7, 548 1, 095	12, 535 7, 516 711	12, 386 8, 010 715	8, 932 8, 033 428	4, 052 8, 458 341	2,710 9,113 255	3, 225 8, 867 211	3, 491 9, 764 195	7, 323 9, 801 347	13, 432 10, 558 621	14, 029 10, 019 719	15, 077 10, 002 934	
Stocks, total, end of mo	75, 737 14, 657 55, 289 5, 787	74, 077 715, 329 53, 376 5, 372	71, 536 17, 226 49, 329 4, 981	75, 699 15, 505 55, 155 5, 039	79, 638 14, 359 60, 174 5, 105	81, 194 11, 391 64, 550 5, 253	80, 030 9, 237 65, 450 5, 343	77, 325 10, 934 61, 044 5, 347	73, 141 13, 224 54, 644 5, 273	69, 936 15, 866 49, 002 5, 068	65, 816 18, 380 42, 729 4, 707	64, 486 19, 947 40, 250 4, 289	68, 164 20, 999 43, 124 4, 041	73, 291 22, 145 47, 134 4, 012	52, 209 4, 004	
Manganese (mn. content), general imports¶do	79	84	70	108	135	67	88	46	71	54	62	105	53	110	80	
Pig Iron and Iron Products							!			1						
Pig fron: Production (excluding production of ferroalloys) thous, sh. tons	5, 477	5, 993	5, 989	5, 278	5, 174	5, 525	5, 565	5, 897	6,291	6,199	6, 910	6, 973	7, 435	7,076	7,006	
Consumptiondo Stocks (consumers' and suppliers'), end of mo. thous. sh. tons	5, 550 3, 178	6, 057 2,814	5, 909 2, 782	5, 270 2, 804	5, 224 2, 811	5, 603 2, 813	5, 587 2, 827	5, 949 2, 806	6, 415 2, 730	6, 306 2, 654		0, 973	7, 455		7,000	
Prices: Composite \$ per lg. ton Basic (furnace) do Foundry, No. 2, Northern do	65. 46 65. 50 66. 00	62.87 63.00 63.50	62. 95 63. 00 63. 50	62. 75 63. 00 63. 50	62. 75 63. 00 63. 50	62, 75 63, 00 63, 50	62. 75 63. 00 63. 50	62.75 63.00 63.50	62. 7 5 63. 00 63. 50	62. 75 63. 00 63. 50	62, 75 63, 00 63, 50	62, 75 63, 00 63, 50	62.75 63.00 63.50		62. 75 p 63. 00 p 63. 50	
Castings, gray iron: Orders, unfilled, for sale, end of mo. thous. sh. tons Shipments, total	680 963 527	783 1,064 591	806 1,003 578	805 985 608	805 1, 037 598	758 1, 194 673	692 1,049 575	719 1, 014 534	806 1,068 546	759 1,095 564	816 1, 229 687	837 1, 264 699	859 1, 227 678	834 1, 245 696		
For saledo Castings, malleable fron: Orders, unfilled, for sale, end of mo.																
thous, sh. tons. Shipments, total	73 72 42	81 78 44	82 68 37	82 68 40	82 74 42	78 87 50	80 78 42	88 79 42	91 84 49	91 83 44	94 88 48	93 93 52	92 95 54	95 89 49		
Steel, Crude, Semifinished, and Finished				:												
Steel ingots and steel for castings: Production thous, sh, tons	8, 194 101. 2	9, 105 112. 5	8, 654 104. 9	7, 782 94.3	7, 858 98. 4	8, 483 102. 8	8, 488 106. 3	8, 753 106. 1	9, 515 115, 3	9, 474 122. 8	10,485 127.1	10, 549 132, 1	11, 048 133. 9	710, 173 127. 4	7 10, 095 122. 4	p 10, 48
Orders, unfilled, for sale, end of mo. thous. sh. tons. Shipments, total	183 119 93	219 125 100	217 105 86	216 119 95	219 121 97	225 135 107	255 126 101	262 133 107	312 145 117	333 141 114	345 157 129	331 162 132	* 323 154 126	321 161 129		
Steel forgings (for sale): Orders, unfilled, end of mo	308 113 86	306 116 88	306 96 74	310 105 78	298 115 91	306 123 95	311 111 84	312 114 88	320 139 111	322 121 93	328 138 107	334 137 107	331 131 101	340 136 104		
Steel products, net shipments: Total (all grades)dododododo	5, 879 231	6,296 263	6, 460 237	5, 895 206	5, 455 212	5, 927 266	5, 617 285	5, 540 252	6, 475 281	6, 239 311	7, 124 394	7, 359 333	7, 271 344	7, 065 385	6, 869 334	
Structural shapes (heavy), steel pilingdo Platesdo Rails and accessoriesdo	395 522 86	443 603 92	451 636 84	456 579 91	417 587 90	464 614 70	428 608 74	420 588 92	422 614 109	405 613 120	468 679 141	509 737 143	543 699 129	503 679 129	526 688 105	
Bars and tool steel, totaldo Bars: Hot rolled (incl. light shapes)do Reinforcingdo	916 597 199	972 631 224	966 584 279	910 536 269	848 490 260	948 580 258	909 584 220	853 579 167	977 680 169	916 621 172	1,095 702 262	1, 140 722 283	1, 145 734 281	1, 113 686 295	1,066 641	
Cold finisheddo Pipe and tubingdo	112 592	110 587	97 699	97 63 1	90 569	103 605	97 468	99 442	120 504	114 545	$\frac{123}{665}$	126 759	122 721	124 752	312 106 778	
Wire and wire products dodododo	259 505 2, 373	262 488 2 507	255 533	250 541	244 405	263 404	221 352	192 3 23	221 563	226 494	276 545	299 556	299 553	297 544	246 576	
Sheets and strip (incl. electrical), total do Sheets: Hot rolled do Cold rolled do Cold rolled do	2, 373 646 1, 126	2,587 735 1,209	2,599 708 1,213	2, 232 582 995	2, 084 571 898	2, 293 655 1, 019	2,272 672 1,044	$ \begin{array}{r} 2,378 \\ 685 \\ 1,149 \end{array} $	2, 786 833 1, 316	2,608 777 $1,211$	2,860 878 1,320	2,884 843 1,327	2,838 834 1,311	2, 663 750 1, 208	2, 550 743	
Consumers (manufacturers only) mil. sh. tons	10.3	10.0	11.9	11.6	10.9	10.0	9. 5	9.3	9.4	9.4	9.4	9.3	9. 2	r 9. 2	p 9.4	
Receipts during month do Consumption during month do Warehouses (service centers) do Producing mills:	4. 4 4. 4 3. 4	4.8 4.7 3.4	4.9 4.2 3.4	4.1 4.4 3.5	4. 0 4. 7 3. 5	4. 5 5. 4 3. 5	4. 3 4. 8 3. 5	4. 6 4. 8 3. 5	5. 2 5. 1 3. 4	4.8 4.8 3.5	5. 3 5. 3 3. 4	5. 3 5. 4 3. 6	5. 1 5. 2 3. 6	5. 2 7 5. 2 3. 6		
In process (ingots, semifinished, etc.)do Finished (sheets, plates, bars, pipe, etc.).do Steel (carbon), finished, composite price\$ per lb	7. 2 6. 9 . 0698	7. 4 7. 1 .0705	7.3 7.2 .0704	7. 2 6. 8 . 0704	7. 4 6. 8 . 0704	$\begin{array}{c} 7.3 \\ 6.7 \\ .0714 \end{array}$	7. 4 6. 9 . 0715	7. 8 7. 2 . 0715	$7.8 \\ 7.2 \\ .0715$	$\begin{array}{c} 8.0 \\ 7.3 \\ .0715 \end{array}$	8. 0 7. 6 . 0715	7. 9 7. 6 . 0715	8. 4 7. 6 . 0715	78.3 7.7 .0715	P 8.6 P 7.5 .0715	
Revised Preliminary Less than 500 to	***					1 222 0		ith tha O				_			-	

†Effective with the Oct. 1963 Survey, data for steel consumers (manufacturers only) reflect recalculated estimates based on the use of quantity coverage factors (derived from the 1958 Census of Manufactures); previously published data were based on cost coverage factors. Revisions back to Oct. 1961 appear in the Oct. 1963 Survey.

Revised. Preliminary. Less than 500 tons.

New series. Monthly data back to 1953 are available.

Beginning Sept. 1963, imports statistics reflect adoption of the U.S. Tariff Schedules; these data may not be strictly comparable with figures shown for prior months.

1962 1963 1963 1964 Unless otherwise stated, statistics through 1962 and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS Monthly July Aug. Sept. Oct. Nov. Dec. Jan. Feb. Mar. Apr. May June July Aug.

METALS AND MANUFACTURES -Continued IRON AND STEEL-Continued Steel, Manufactured Products Fabricated structural steel: Orders, new (net) thous. sh. tons. Shipments do Backlog, end of year or mo. do. 322 411 2, 260 440 321 2,322302356 247 $\frac{341}{2,322}$ 371 $\frac{310}{2,306}$ 3042, 270 370 $\frac{411}{2,323}$ 324 355 377 $\frac{412}{2,300}$ 379 2,2612,624 2.458 2, 297 2. 238 2.313 2, 276 2, 490 Rarrels and drums, steel, heavy types (for sale): Orders, unfilled, end of mo______thous_ Shipments____do__ Cans (tinplate), shipments (metal consumed), total for sale and own useO_____thous, sh. tons. 1, 274 2, 058 1, 202 1, 812 1,389 1,955 1, 273 2, 110 1,273 1,922 1.322 1.281 1.233 1.107 1 110 1.334 1.947 1, 999 1, 956 1, 994 1,603 1,858 1, 960 400 514 459 425 299 r 381 432 458 288 383 467 381 342 340 293 NONFERROUS METALS AND PRODUCTS Aluminum: Production, primary (dom. and foreign ores) 192.7 63.0 thous. sh. tons. Estimated recovery from scrap.....do... 176.5 133.2 $203.1 \\ 67.0$ 197. 4 66. 0 $205.1 \\ 71.0$ 201. 1 63. 0 209. 212. 0 68. 0 200, 2 67, 0 $214.2 \\ 72.0$ 208.3 $214.6 \\ 63.0$. - - - - **- - -**73.0**69**. 0 Imports (general): Metal and alloys, crude_____do___ 25. 6 4. 9 12. 6 34. 7 3. 4 13. 8 38. 2 3. 5 13. 0 $34.5 \\ 4.0 \\ 13.2$ 34.3 4.6 16.8 $\begin{array}{c} 35.2 \\ 4.9 \\ 20.0 \end{array}$ 28. 8 4. 3 36. 5 4. 1 15. 9 35. 6 4. 1 53. 9 40. 5 36. 9 36. 1 36.8 4. 1 16. 0 3. 5 13. 6 4. 1 12. 6 3. 9 11. 9 $\frac{4.6}{17.2}$ 5. 4 14. 6 13.0 20. 4 Stocks, primary (at reduction plants), end of mo. 105.6107.8 thous. sh. tons-Price, primary ingot, 99.5% min.....\$ per lb. 85.7 2250 $93.8 \\ .2250$ 99.0108.0 106.0 99. 5 . 2350 87.0 2383.2262 . 2250 . 2298 . 2300 2300 2300 . 2300 2343 .2350r 2400 . 2400 472. 5 317. 6 142. 6 77. 2 528. 2 355. 4 528. 2 346. 8 161. 3 77. 0 587. 4 423. 7 492. 6 324. 7 546. 3 362. 3 170. 9 90. 7 600. 5 401. 7 523.9 641.8 416.7 532. 7 357. 1 7 377. 8 7 179. 9 75. 5 433.8 225.3 88.5 417. 4 193. 9 90. 1 362. 1 174. 7 328 9 144. 4 79. 8 166. 8 79. 4 210. 0 85. 0 145. 0 170.1 194. 3 r 85. 7 -----------Castings _____do___ 84.2 79.3101, 1 133, 0 101, 6 7 86. 2 135. 5 101. 7 33. 8 17. 7 7 96. 9 134. 9 98. 6 36. 3 23. 3 7 99. 3 129. 0 95. 1 33. 9 24. 9 109, 9 138, 0 103, 5 106.3 131.8 103.7 112. 3 145. 0 109. 6 35. 4 29. 4 111. 9 144. 9 113. 3 31. 6 27. 0 115. 4 147. 9 111. 7 36. 2 27. 0 113. 8 153. 4 r 116. 1 37. 3 28. 5 107. 4 147. 1 73.6 125.2141. 3 106. 3 35. 0 23. 7 140.4 103.4 37.0 24.1 109. 8 37. 3 22. 4 94. 2 31. 1 27. 4 _____ 28.1 23.3 40. 1 45. 1 9. 9 45.9 8.9 35. 4 11. 3 60.0 10.3 $\frac{51.7}{12.2}$ 54. 0 7. 4 $\frac{48.0}{11.4}$ 12. 5 ports: Refined, scrap, brass and bronze ingots__do__ 32. 1 28. 0 29.5 25.6 163.733. 6 28. 2 163. 8 27.6 22.7 109.230.0 37. 5 33. 0 29. 5 25. 3 $\begin{array}{c} 30.0 \\ 26.4 \\ 147.5 \end{array}$ 39. 7 33. 9 $\frac{34.3}{29.5}$ $\begin{array}{c} 31.4 \\ 26.6 \\ 152.0 \end{array}$ $\begin{array}{c} 33.2 \\ 25.4 \\ 162.2 \end{array}$ 33. 4 25. 9 163. 9 $\begin{array}{c} 33.4 \\ 25.7 \\ 178 \end{array}$ 33. 9 25. 1 114. 4 26. 0 146. 2 Refined ______do____ Consumption, refined (by mills, etc.) ____do___ -----134. 2 142. 0 144. 4 140.7 150.7 173.8 154.7 150.3 75.9 .3060 Stocks, refined, end of mo., total....do... 197.2 135.0 80.9 140. 4 90. 9 140.7 125.6 90.2175.4 183.8 135. 9 88. 2 132. 9 163 2 102.0 96.0 .3060 115.1 103.0 80. 1 3060 88. 8 . 3112 86.4 316088. 2 . 3160 . 3160 . 3060 . 3060 .3060.3060 .3160 . 3160 Copper-base mill and foundry products, shipments 589 578 623 r 692 732 ----- $\frac{398}{234}$ 454 249 $\frac{467}{259}$ r 521 _____ 239 Lead: Production: Mine, recoverable lead‡.....thous, sh. tons.. Secondary, recovered from scrap⊕.....do... $\frac{21.1}{39.7}$ $23.6 \\ 33.6$ 24. 5 39. 8 ^r 22. 5 40. 5 ⁷ 25, 2 47. 0 ⁷ 23. 0 43. 7 23. 9 37. 4 24. 8 39. 9 $\frac{22.7}{39.6}$ 24.3 42.6 23. 3 45. 9 23.8 42.323. 2 37.0 42.3 Imports (general), ore⊕, metal¶.....do... Consumption, total‡.....do... 33. 4 92. 5 31. 9 85. 6 24. 8 7 93. 8 31.5 r 94.6 38. 1 7 101. 7 26. 0 97. 4 26. 4 96. 7 32.1 33. 1 r 99. 4 32. 4 105. 4 $\begin{array}{c} 32.1 \\ 100.6 \end{array}$ r 111. 1 91.0 97.0 105. 3 111.1 112.2110.2 98.8 109.5 117. 4 111.5 109.2 97. 7 110, 2 94.1 94.0 142. 5 93. 5 72. 0 108. 5 56. 9 115. 5 94. 5 101. 8 104.3 109 4 111.5 115, 5 111.2 111, 4 118. 6 120. 3 127.5 ------52. 6 . 1107 54.8 .1135 57.0 .1163 55. 7 . 1215 62.771.9 72. 8 . 1300 70.8 67.4 .1300. 1194 .1250.1298.1300 . 1300 . 1300 . 1301 Imports (for consumption): 3, 422 1, 750 250 2,046 498 2, 327 1, 760 235 6, 030 4, 145 3, 596 1, 861 255 6, 525 3, 451 1, 565 4, 081 1, 690 215 6, 470 4, 530 3, 546 1, 925 240 6, 705 3, 146 2, 025 255 7, 165 5, 085 3, 080 1, 990 3, 109 1, 765 270 5, 960 3, 227 1, 770 190 2, 272 2, 025 2 227 2, 530 2, 968 -----1, 985 260 7, 285 2,020 _____ 290 5, 490 235 7, 265 5, 235 6, 580 4, 710 7. 315 4,601 3,630 4,010 4, 455 4,790 5, 190 -----------Exports, incl. reexports (metal).....do_Stocks, pig (industrial), end of mo\$.....do._Price, pig, Straits (N.Y.), prompt...\$ per lb_ 170 30, 980 1. 1997 135 165 1,079 343 275 160 21, 730 25, 610 30, 245 1, 2704 29, 364 1, 3020 27, 185 21, 810 20, 120 19,600 1,3485 18 870 1.1461 1.1664 1.1534 1.1484 1, 1611 1.3402 1.4012 1.3482 1.3351 1.5060 1.5965 1.6167 Zinc: Mine production, recoverable zinct thous, sh. tons... thous, sh. tons. Imports (general): Ores \$\Psi\$ do Metal (slab, blocks) \$\Psi\$. Consumption (recoverable zinc content): Ores \$\Psi\$. Serious 11.5 42.1 44, 1 r 40. 9 r 45. 1 r 41. 4 r 47.1 r 45.3 r 46, 1 48.8 44.9 48.6 46.5 46.6 46.8 47.1 $\frac{31.1}{12.1}$ **3**9. 0 33.9 11.9 31.7 27.0 $\frac{29.8}{15.2}$ 33. 0 23.6 27.6 28.5 35. 9 9. 1 29. 1 11.8 10.5 8.2 19 4 11.0 14. 7 11, 4 10.6 9. 7 8. 9 7.9 Ores ⊕ _____do____ Scrap, all types _____do___ 8.7 16.6 8. 2 16. 1 7. 7 16. 1

Basic metal content (for tin ore, through Aug. 1963; gross weight thereafter).

 $\begin{array}{c}
 8.9 \\
 16.9
 \end{array}$

16. 9

8. 5 17. 1

17. 1

7.7 15.9

7. 4 16. 4

16.5

Basic metal content (for tin ore, through Aug. 1906, gross weight thereafter). However, similar note, bottom p. S-32.

**Oconsumers' and secondary smelters' stocks of lead in refinery shapes and in copper-base scrap.

**Effective Sept. 1962, includes surplus tin held by GSA (i.e., tin to be offered for sale and tin for which bids to purchase were rejected by GSA).

r Revised. P Preliminary. 1 Recoverable aluminum content. Monthly data are expressed in metallic content (incl. alloying constituents).

© Reflects new factor to derive tonnage equivalent (23.5 base boxes per ton of steel).

ABeginning Jan. 1963, net shipments of ingot derived by new method to include imports not previously included; revisions back to Jan. 1962 are available. ‡Revisions for 1962 are in the Sept. 1963 Survey; those for 1st half 1963 are available upon request.

Unless otherwise stated, statistics through 1962	1962	1963	l 		19	63						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	ave	athly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
	M	ETAL	S AN	D M	ANUF	ACT	URES	—Сол	ıtinu	ed						
NONFERROUS METALS AND PROD.—Con. Zinc—Continued Slab zinc:																
Production (primary smelter), from domestic and foreign oresthous, sh. tons. Secondary (redistilled) productiondo Consumption, fabricators'do Exportsdo	73. 3 4. 9 86. 0 3. 0	74.4 75.0 792.1 2.8	69. 0 4. 1 85. 4 4.9	72.6 4.6 92.5 4.1	72. 5 5. 4 90. 6 2. 0	78. 1 6. 0 99. 3 2. 4	79. 3 5. 3 88. 5 1. 9	83. 8 4. 8 88. 5 1. 3	76.0 4.8 91.7 .4	76. 8 4. 9 86. 9 2. 4	86. 0 5. 2 95. 2 1. 7	83. 7 4. 7 100. 0 2. 6	84. 8 5. 3 98. 3 3. 6	80. 9 5. 2 98. 6 2. 7	4.4	
Stocks, end of year or mo.: Producers', at smelter (AZI)dododr. Price, prime Western (St. Louis)\$ per lb.	144.7 80.0 .1162	7 47. 9 92. 1 . 1200	80. 0 86. 4 . 1202	64. 6 88. 1 . 1250	55. 4 90. 1 . 1250	53. 9 88. 1 . 1250	50. 2 87. 0 . 1250	55. 1 92. 1 . 1294	48. 2 92. 1 . 1300	43.6 92.5 .1300	46. 0 93. 9 . 1300	43. 5 89. 4 . 1332	38. 0 7 85. 6 . 1350	30. 4 87. 2 .1400	25. 7	29.
HEATING EQUIPMENT, EXC. ELECTRIC						i										
Radiators and convectors, shipments: Cast fronmil, sq. ft, radiation Nonferrous*dodo	1.0	1. 0 9. 2	. 7 9. 1	1. 0 11. 6	1. 4 12. 4	1. 4 13. 9	1. 1 9. 8	1.0 8.0	.9 8.1	. 9 8. 2	1. 1 7. 4	7.0	. 5 8. 1	. 7 9. 9		
Shipments thous Stocks, end of year or mo do do do stoves and ranges, domestic cooking: Shipments, total (excl. liquid-fuel types) do do do do do do do do do do do do do	39. 8 49. 9 166. 7	48. 8 42. 2 176. 0	41. 9 65. 1 155. 3	58. 5 63. 8 185. 0	75. 7 51. 8 198. 9	72. 4 49. 5 207. 3	55. 9 43. 9 173. 7	32.8 42.2	42, 3 44, 1 158, 1	41. 7 44. 2 167. 7	40. 2 47. 9 200. 0	36. 6 49. 8 195. 4	38. 5 54. 5	48. 1 59. 5		
Gas d	163. 6	173. 1	152.6	181.3	194. 9	202. 5	170. 7	160.2	156.0	165.7	197. 4	193. 5	171.1	187. 2		
Stoves, domestic heating, shipments, totaldo Gasdo Warm-air furnaces (forced-air and gravity air-flow), shipments, totalthousthous	157. 0 94. 1 108. 9	161, 9 101, 5 117, 8	180. 8 110. 0 116. 4	254. 2 171. 4 140. 2	239. 1 146. 3 168. 8	258. 2 170. 4 170. 4	183. 6 132. 0 132. 4	120. 5 81. 6 97. 6	91. 0 54. 3 95. 8	70. 8 38. 7 95. 9	112. 9 77. 5 99. 3	89. 6 53. 4 99. 7	r 100. 6 r 60. 8	170. 7 122. 3		i
Gas do do do do do do do do do do do do do	87. 1 217. 7	95. 3 200. 3	94, 6 183, 5	110. 4 184. 9	130. 6 179. 7	134. 5 228. 1	106. 5 176. 8	81.6 191.2	79.2 248.3	79. 4 237. 1	82. 9 244. 9	84.3 237.7	80. 4 198. 9	92. 9 215. 0		
MACHINERY AND APPARATUS Fans, blowers, and unit heaters, qtrly. totals: Fans and blowers, new orders	1 40. 2	141.0			39. 9			42.0			r 41. 6			49, 3		
Unit-heater group, new orders dodo	1 16. 2	1 15. 7	107.0	100.4	14.6		107.1	18. 2	025 0	051 0	713.2	040.6	244.1	18.0		
mo. avg. shipments, 1957-59=100. Furnaces (industrial) and ovens, etc., new orders (domestic), net†	7.0 1.2 2.8	8. 2 1. 1 3. 4	5.3 1.0 1.6	9. 2 1. 0 5. 7	9.6 .7 2.7	7.6 .9 4.6	8.5 .9 4.3	6. 1 1. 0 3. 0	235. 8 5. 8 . 8 2. 4	251.8 9.7 1.0 5.7	272. 9 10. 5 1. 3 6. 8	242. 6 7. 4 1. 2 3. 8	7. 4 1. 0 3. 7	7. 5 1. 2 3. 2	9.2	
Material handling equipment (industrial): Orders (new), index, seas. adj1957-59=100	112.6	128.7	140.8	150. 2	128. 1	135. 7	136.6	156. 2	146. 5	153, 3	170.8	158.1	127. 4	127.8	3.6	
Industrial trucks (electric), shipments: Hand (motorized)number Rider-typedo Industrial trucks and tractors (gasoline-powered),	500 471 2, 232	547 581	579 533 2, 307	433 511 2, 567	563 490	602 611	523 598 2, 738	591 630	491 484 2, 543	515 609 2,518	548 578	581 510 3, 032	581 523 2, 961	653 636	581 519	
shipmentsnumber Machine tools:	2, 202	2, 434	2, 301	2, 807	2, 661	2, 9 41	2, 100	2, 83 0	2, 040	2,010	2,862	0,002	2, 301	3, 109	3,003	
Metal cutting tools:	44.80 36.70 47.85 35.15 4.2	59. 50 47. 50 49. 90 41. 10 5. 2	57. 90 47. 90 44. 55 38. 65 5. 5	49. 20 38. 55 41. 20 33. 30 5. 6	56, 55 45, 40 54, 75 42, 85 5, 4	66. 85 53. 35 54. 05 42. 95 5. 7	59. 10 49. 65 52. 35 41. 75 5. 6	77. 40 64. 15 69. 00 56. 30 5. 6	80, 15 60, 60 50, 35 39, 85 6, 2	74. 50 60. 45 51. 25 39. 10 6. 3	77. 70 61. 40 63. 80 48. 45 6. 4	91, 55 79, 55 64, 85 52, 35 6, 7	85. 00 70. 10 70. 75 57. 50 6. 6	r100.10 r 83.35 r 73.80 r 62.25 6.6	79, 35 67, 65 59, 35 51, 10 6, 7	
Metal forming tools: orders, new (net), total. mil. \$. Domestic	14. 60 11. 65 12. 40 9. 30 4. 6	18. 10 15. 90 15. 30 12. 80 4. 7	15, 55 13, 90 14, 95 12, 70 3, 8	19. 85 18. 15 12. 65 11. 40 4. 2	22. 35 17. 60 14. 70 12. 10 4. 6	32. 35 29. 95 16. 35 13. 00 5. 4	15, 95 15, 20 14, 05 11, 30 5, 6	21, 20 19, 80 14, 30 12, 50 5, 8	48. 80 47. 40 15. 00 12. 40 7. 6	20. 30 18. 85 19. 15 16. 15 7. 7	24. 10 19. 35 16. 90 15. 40 8. 0	45, 80 43, 30 19, 80 18, 25 8, 9	32, 55 30, 35 18, 20 16, 50 9, 3	7 63. 10 7 56. 95 7 21. 40 7 19. 85 710. 8	28.10 25.60 18.65 16.05	
Other machinery and equip., qtrly. shipments: Construction machinery (selected types),			,													
total 9 mil. \$ Tractors, tracklaying, total do Tractors, wheel (con. off-highway) do Tractor shovel loaders (Integral units only),	1 261. 4 1 64. 2 1 19. 7	1 305, 9 1 78, 5 1 22, 9			309. 2 80.2 27. 2			284. 7 78. 6 18. 3			343. 6 79. 6 27. 3	² 37. 8	² 40. 4	² 41.5		
wheel and tracklaying typesmil. \$ Tractors, wheel (excl. garden and contractors'	1 58.9	1 73. 5			1		1	73.6			86, 2					
off-highway types) mil. \$ Farm machines and equipment (selected types), excl. tractors\(\text{O}\) mil. \$	¹ 130. 1 ¹ 197. 7	¹ 150. 9 ¹ 1213. 1			100. 6 199. 7		l	159. 0 150. 9		ļ	189. 1 277. 6	2 72. 9	259. 5	3 67. 7		
ELECTRICAL EQUIPMENT Batteries (auto. replacement), shipmentsthous	2, 540	2, 653	2, 190	2,604	3,186	3, 673	3, 174	3, 622	3, 146	1,653	1, 394	1,602	1, 591	1, 816	2, 269	
Household electrical appliances: Ranges (incl. built-ins), sales, total: Refrigerators and home freezers, output ¶	139.6	155.8	140.2	156.4	165.8	167. 9	159.4	174.4	144. 4	165.8	194.1	157.4	153.4	163. 7	143.6	
Vacuum cleaners, sales billedthous_ Washers, sales (dom, and export)do_ Driers (gas and electric), sales (domestic and export)thous_	119. 2 309. 3 305. 5	7 127. 8 353. 9 329. 1 133. 0	133.8 297.1 281.2	93. 1 326. 1 379. 7 173. 5	7 149. 1 423. 0 403. 7	127. 8 416. 4 367. 4	129. 0 382. 6 336. 9 180. 3	128. 6 349. 7 273. 5 153. 2	131. 3 324. 7 302. 5 142. 8	150. 3 365. 0 330. 0 135. 8	150. 8 420. 5 372. 0 121. 1	151. 5 383. 8 299. 2 90. 2	150.9 337.8 300.8 71.6	163. 0 335. 2 345. 8	110.3 294.9 351.6 126.1	
Radio sets, production \$	1, 596. 8 539. 3	1, 523. 5 594. 2	990. 6 384.3	1, 252. 9 565. 2	³ 2008. 2 ³ 779. 4	1872. 7 630. 1	1, 799. 8 621. 4	41, 772. 0 4 690. 0	1, 413. 3 731. 1	1,367.9 751.5	31,639.1 3 877. 9	1, 337. 4 712. 7	1, 410. 7 584. 2	³ 1,770.9 ³ 835.5	r1,055.5 r517.4	
mil. \$mil sand semiconductors, factory sales & mil. \$mil. \$mil. \$	75.9 154 1149	73. 6 148	59. 5 127	77.4 142	82. 5 154	81. 5 160	71. 7 144	73. 0 151 154	52. 1 154	52. 6 146	56. 9 167 159	52. 4 163	51.4 154	53. 9 165 186	44.1	
New orders, index, qtrly	12. 4 2. 2	1 151 12. 4 2. 6	11. 1 1. 9	12. 8 3. 3	154 13. 7 2. 9	12.7 2.5	12. 1 2. 1	13. 3 2. 3	12. 4 2. 6	13. 5 3. 4	14. 9 2. 8	14. 4 2. 8	15. 2 3. 6	17.9 3.5	14.8	

r Revised. ¹ Quarterly average. ² For month shown. ³ Data cover 5 weeks; other months, 4 weeks. ⁴ Data cover 6 weeks. ♀ Includes data not shown separately. △ Producers' stocks, elsewhere, end of Aug. 1964, 22,400 tons.

*New series. Shipments (from The Institute of Boiler and Radiator Manufacturers) represent the following approximate percentages of total industry shipments: Convectors, 90 to 95%; radiators and baseboards, 80 to 85%.

*Includes data for built-in gas fired oven-broiler units; shipments of cooking tops, not included in figures above, totaled 36,200 units in June 1964.

†As reported by the Industrial Heating Equip. Assoc. for member companies, including orders (not shown separately) for indust. ovens, atmosphere generating and combustion equip., and miscel. items. Monthly data back to 1958 are available. ⊙Revisions for 1962 appear in the June 1964 Survey. ¶ Revisions for 1961 are available. †Revisions for 1962-63 appear on p. S-34 of the Apr. 1964 Survey. § Radio production comprises table, portable battery, auto, and clock models; beginning Jan. 1964, data for television sets include color sets. ⊕See similar note, p. S-35.

Unless otherwise stated, statistics through 1962	1962	1963			19	63						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		nthly erage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
		PET	ROLE	EUM,	COA	L, AN	D PF	RODU	CTS							
COAL Anthracite: thous, sh. tons_Exportsdo	1, 408 156	1, 522 279	1, 124 212	1,606 420	1, 574 407	1,822 345	1, 615 319	1,535 309	1,527 248	1, 311	1, 155 86	1, 427	1, 665 151	1, 789 171	1, 127 158	1, 246
Prices: Retail, stove, composite\$ per sh. ton Wholesale, chestnut, f.o.b. minedo	28. 63 13.050	29.39 13.361	28, 84 12, 775	29.04 12.985	29. 79 13. 510	30.00 13.510	30. 54 14. 420	30.95 14.420	31. 35 14. 490	31. 40 14. 490	31, 40 14, 490	31.40 13.195	30, 69 13,195	30.30 13.195	₽13. 698	
Bituminous: Productionthous, sh. tons	35,178	7 38,244	[,] 28,070	, 42,299	, 40 ,3 20	r 44,876	38,820	39,070	40, 430	34, 790	36, 790	37, 490	38, 270	40, 940	30, 350	41, 290
Industrial consumption and retail deliveries, total 9 thous sh. tons. Electric power utilities do. Mfg. and mining industries, total do. Coke plants (oven and beehive) do.	32,314 15, 903 14,006 6, 188	734, 102 17, 420 714, 664 7 6, 469	731, 610 17, 053 713, 644 76, 540	732, 468 17, 649 713, 581 7 6, 110	31, 596 16, 566 13, 405 6, 039	733, 816 17, 593 714, 614 76, 372	734, 383 17, 783 714, 610 7 6, 236	740, 219 20, 727 716, 349 76, 590	39, 768 20, 389 16, 411 6, 789	36, 755 18, 732 15, 525 6, 540	36, 439 18, 465 16, 097 7, 014	33, 054 16, 666 15, 302 7, 044	32, 702 16, 757 15, 324 7, 537	733, 218 17, 997 714, 568 77, 350	33, 763 18, 794 14, 236 7, 446	
Retail deliveries to other consumersdo	2, 349	1,962	841	1, 153	1, 536	1,511	1,905	3, 118	2,968	2, 496	1,872	1,030	518	562	655	
Stocks, industrial and retail dealers', end of month, total? thous. sh. tons. Electric power utilities do do do do do do do do do do do do do do	20, 845 9, 044	65, 692 46, 139 19, 103 7, 373	63, 318 44, 625 18, 199 6, 386	67, 002 46, 912 19, 555 6, 919	69, 388 49, 138 19, 712 7, 290	72, 708 51, 722 20, 423 7, 912	73, 383 52, 383 20, 391 8, 054	70, 083 49, 314 20, 270 8, 014	66, 536 46, 422 19, 659 7, 780	64, 430 44, 961 19, 121 7, 900	63, 041 43, 717 19, 070 8, 299	65, 043 45, 045 19, 743 8, 411	68, 619 47, 886 20, 420 8, 841	70, 700 49, 331 721, 012 7 9, 375	65, 627 46, 921 18, 317 7, 478	
Retail dealersdo	3, 201	450 3, 923	494 3, 685	535 5, 325	538 5, 266	563	609	499	455	348	254	255	313	357	389	
Prices: Retail, composite	17.30	17. 46	17. 13	17. 13	17. 46	5, 029 17. 69	4, 500 17. 73	3, 536 17, 83	3, 152 17. 89	3, 065 17. 89	3, 028 17. 89	3, 523 17. 76	4, 551 17. 31	4, 617 17. 23	4,038	
Screenings, indust. use, f.o.b. minedo Domestic, large sizes, f.o.b. minedo	1 4. 918 1 7. 443	² 4. 748 ² 7. 014	4. 757 6. 813	4. 752 6. 886	4. 752 7. 061	4. 745 7. 231	4.748 7.257	4.748 7.257	4. 726 7. 276	4. 731 7. 221	4. 731 7. 026	4. 807 6. 524	4. 832 6. 482	7 4.840 7 6.513	» 4. 840 » 6. 612	
COKE	68 4,258 1,312 3,899 2,796 1,103 1,053 33	81 4,442 1,344 72,996 72,297 700 1,200	84 4, 467 1, 407 7 2, 596 7 1, 933 7 663 1, 157	80 4, 200 1, 385 2, 730 2, 089 641 1, 152 39	79 4, 157 1, 350 2, 801 2, 185 616 1, 171 33	83 4, 391 1, 367 2, 888 2, 304 584 1, 195 23	78 4, 289 1, 355 2, 899 2, 379 520 1, 381	82 4,540 1,457 2,881 2,394 486 1,297	82 4, 661 1, 440 2, 831 2, 380 451 1, 284	78 4, 485 1, 343 2, 672 2, 253 418 1, 313 23	87 4, 821 1, 457 2, 567 2, 141 426 1, 329 27	87 4, 855 1, 366 2, 421 2, 008 413 1, 359 25	90 5, 192 1, 409 2, 337 1, 909 429 1, 379 83	7 79 7 5, 037 1, 436 7 2, 281 7 1, 862 419 1, 393 40	69 5, 161 2, 324 1, 878 446	
PETROLEUM AND PRODUCTS								-	- "		~.	}				
Crude petroleum: Oil wells completed	1,781 2.97 255.8 84	3 1, 691 2, 93 264, 2 87	1, 860 2, 93 272, 7 88	1, 809 2, 93 273, 5 88	1, 725 2, 93 260, 2 87	1, 633 2, 92 266, 9 86	1, 480 2, 92 261, 0 87	1, 768 2, 92 269, 3 87	1, 567 2, 92 273, 3 88	1, 628 2, 92 256, 8 89	1, 564 2, 92 269, 9 87	1, 566 2, 92 258, 4 84	7 1, 542 2, 92 267, 6 84	1, 730 2, 92 268, 0 88	₽ 2. 92	
All oils, supply, demand, and stocks: New supply, totalmil, bbl_ Production:	317. 4	327. 6	333.7	333. 1	316.8	331, 8	322. 5	336. 7	363. 1	326.0	345. 7	335. 4	334. 3	321. 9		
Crude petroleumdoNatural-gas liquids, benzol, etcdoImports:	223. 0 31. 1	229. 4 33. 4	235. 1 33. 3	236. 8 34. 0	225. 2 32. 8	233. 6 34. 1	226. 3 34. 3	232. 8 35. 6	238. 1 36. 4	224, 5 34, 1	240. 6 36. 0	233. 1 34. 0	235. 8 34. 4	228.3 32.9		
Crude petroleumdoRefined productsdoChange in stocks, all oils (decrease,—)do	34.3 29.1 1.0	34. 4 30. 4 . 1	38. 2 27. 0 19. 3	36. 7 25. 5 12. 3	34. 9 23. 9 11. 0	31. 4 32. 7 11, 7	34. 2 27. 6 2. 9	30. 3 38. 0 -54. 9	39. 6 49. 0 -22. 8	$ \begin{array}{c c} 32.2 \\ 35.2 \\ -9.9 \end{array} $	36. 9 32. 2 6. 4	33. 1 35. 2 8. 8	36. 0 28. 2 24. 7	34. 4 26. 3 1. 1		
Demand, totaldo	316. 4	327. 5	314.4	320.8	305.8	320, 1	319.6	391.6	385. 8	335. 9	339. 4	326.6	309. 7	320. 8		
Crude petroleum	5. 0 311. 3 132. 1 13. 7	6. 2 321. 2 4 136. 2 4 14. 4	5. 9 308. 3 150. 0 10. 9	. 2 6. 4 314. 3 151. 1 12. 4	7.0 298.7 134.0 13.3	6. 0 313, 8 142, 0 12, 5	6. 5 313. 0 132. 9 15. 4	6. 3 385. 1 134. 7 21. 9	. 1 6. 7 379. 0 130. 5 21. 2	. 1 4. 8 331. 0 121. 8 17. 7	6. 0 333. 1 135. 5 15. 2	6. 4 320. 1 140. 6 12. 6	5. 7 303. 8 144. 9 11. 1	. 2 6. 4 314. 2 153, 5 10. 3		
Distillate fuel oil	61. 0 45. 5 9. 4	4 62, 3 4 45, 1 9, 7	40.3 36.2 10.8	43.0 36.1 11.8	50. 5 35. 6 10. 2	49, 5 41, 8 10, 9	61. 5 43. 8 9. 1	102. 2 60. 4 8. 8	96, 1 66, 4 9, 7	81. 5 53. 4 8. 4	73. 4 49. 7 9. 5	59. 6 48. 2 10. 3	46. 8 37. 5 10. 4	43. 8 35. 7 11. 9		
Lubricants	3. 6 9. 5 21. 3	3. 6 9. 8 4 19. 5	3.7 16.5 17.0	4. 0 16. 2 17. 2	3. 4 14. 6	4, 3 14, 2 17, 6	3. 3 6. 9 20. 9	2. 9 4. 1 29. 5	4. 0 3. 3	3, 4 3, 3	3. 8 4. 3	4. 4 7. 1	3. 6 11. 9	4. 3 15. 5		
Stocks, end of month, total do. Crude petroleum do. Natural-gas liquids do. Refined products do.	820 6	4 831. 1 246. 9 33. 8 4 550. 4	852. 7 250. 0 38. 8 563. 9	864. 9 249. 1 41. 4 574. 5	16. 1 875. 9 248. 3 43. 1 584. 6	887. 6 245. 5 43. 8 598. 3	890. 5 244. 4 42. 1 604. 0	835. 6 237, 4 33. 7 564. 5	27. 8 812. 8 241. 0 28. 4 543. 3	22. 2 802. 9 240. I 27. 4 535. 4	19. 9 809. 2 246. 9 29. 9 532. 5	16. 9 818. 0 253. 9 34. 1 530. 0	15. 8 842. 7 257. 3 38. 9 546. 5	42.5		
Refined petroleum products: ‡ Gasoline (incl. aviation): Production	131. 9 . 5 188. 6	4135. 7 6 4192. 8	141. 5 . 5 184. 7	144. 0 . 5 178. 3	135. 7 . 7 181. 3	138. 2 . 8 178. 3	135. 6 . 7 181. 3	144. I . 9 190. 9	142. 4 . 6 203. 2	133. 0 . 4 215. 1	140. 1 . 8 220. 4	133. 9 . 4 214. 7	140. 1 210. 9	140. 5		
Prices (excl. aviation) Wholesale, ref. (Okla., group 3)\$ per gal. Retail (regular grade, excl. taxes), 55 cities (1st of following mo.)\$ per gal.	. 113	. 109 . 201	. 115	. 108	. 115	. 110	. 090	. 105	. 105	. 100	. 100	. 095	. 105	. 103	105	. 198
Revised. Preliminary.		•	,	,	ı	O T	i aludaa da				ı	· ·	'	1		

r Revised. Preliminary.

1 Monthly average based on Apr.-Dec. data.

2 Data beginning Jan. 1963 not entirely comparable with those for earlier periods.

3 Beginning Jan. 1963, data exclude condensate wells formerly included.

4 See note 1 for p. S-36.

[?] Includes data not shown separately.
§ Includes nonmarketable catalyst coke.
‡Revised data for months of 1962 appear on p. 28 of the June 1964 SURVEY.

NOTE FOR ELECTRON TUBES, p. S-34—⊕ Beginning Jan. 1964, excludes sales of receiving tubes; 1963 sales of such tubes averaged \$22,800,000 per month.

nless otherwise stated, statistics through 1962	1962	1963			196	3						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mon aver		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Au
]	PETR	OLEU	JM, C	COAL,	ANI) PR(DUC	TS—	Conti	nued						
PETROLEUM AND PRODUCTS—Continued															<u> </u>	1
efined petroleum products‡—Continued Aviation gasoline:																
Productionmil. bbl Exportsdo	10. 2	10.4 .4	11.0 .3	11. 2 . 3	9. 5 . 5	10. 0 . 5	9. 8 . 5	10.8 .6	10. 0 . 4	10.0	10.6 .6	10. 2 . 2	10. 5 . 4	10.8 .5		
Stocks, end of monthdo	10.5	10.7	10. 4	9.5	9.6	9. 3	8.8	9.4	9.7	10.8	10.3	10. 3	9. 9	9, 2		
Productiondodododo	13. 1 30. 6	1 13.8 1 31.7	12.9 35.2	12. 5 36. 2	12. 2 36. 0	14. 9 39. 1	14. 8 39. 1	16.2 34.1	17.3 30.9	14. 7 28. 5	14.3 28.5	12. 5 29. 1	11. 7 30. 5	$\frac{11.6}{32.8}$		
\$ per gai	. 104	. 102	. 101	. 101	. 096	. 096	. 099	. 104	. 104	. 104	. 099	. 096	. 094	. 093	₽. 093	
Distillate fuel oil: Productionmil. bbl	60.0	1 63.8	62.4	63.3	63. 2	63. 9	62. 9	65.8	67.5	62. 8	61.7	57. 6	60. 8	61. 1		-
Importsdo	1.0	.8 1.2	1.0	. 6 1. 1	. 7 1. 4	. 9 1. 1	1. 0 1. 3	.8 .4	1.6 1.2	1, 1 , 4	.9	.8	.7 .3	1.0 .3		
Stocks, end of monthdo Price, wholesale (N.Y. Harbor, No. 2 fuel)	133. 4	1 135. 8	145. 2	165. 2	177. 2	191. 4	192. 6	156.7	128.5	110.5	99. 2	97.8	112. 2	103. 3		
Residual fuel oil:	, 092	. 092	. 091	. 091	.086	. 086	. 089	. 094	. 094	. 094	. 089	. 086	. 084	. 083	p. 083	
Productionmil. bbl	24. 6 22. 0	1 23. 1 22. 9	21.7 18.1	21. 8 16. 9	21. 5 15. 7	21.0 23.2	22. 5 20. 7	25.0 31.6	25.8 39.7	$\begin{array}{c} 22.7 \\ 29.2 \end{array}$	22.3 24.7	21. 2 28. 0	20.8 19.8	19. 5 17. 7		
Exports	1.1 46.6	1.3	1.1 50.9	1.4 52.5	1. 7 52. 6	1, 0 54, 4	1. 8 52. 2	1.3 47.5	1.6 45.4	1.0 43.3	1.7 39.1	2.0 38.5	1.4 40.5	$\frac{1.9}{40.4}$		
Stocks, end of month	1.58	1.57	1.55	1.55	1. 55	1.55	1. 55	1, 55	1.80	1, 65	1, 50	1.35	1.35	1.35	p 1.35	
Production mil. bbl Stocks, end of month do	8. 6 8. 7	8.3 9.4	9.1 10.2	8.9 9.6	8. 5 9. 3	7.8 8.6	8. 3 8. 9	7.8 8.5	7.8 8.5	7. 9 9. 0	9.1 9.9	$\frac{8.9}{9.2}$	9. 5 9. 3	9, 9 8, 6		
Lubricants:	5. 1	5.3	5. 6	5.4	5.4	5. 4	5. 3	5.0	5. 2	4.8	5. 2	5. 3	5. 4	5. 2		1
Exportsdo Stocks, end of monthdo	1. 5 12. 8	1. 5 13. 7	1.8 13.4	1.5 13.4	1. 6 13. 8	1. 5 13. 4	1. 4 14. 0	1.8 14.3	$\frac{1.2}{14.3}$	1.4 14.3	1.4 14.4	2. 0 13. 3	1.3 13.8	1.6 13.1		
Price, wholesale, bright stock (midcontinent, f.o.b., Tulsa)	. 261	. 270	. 270	. 270	. 270	. 270	. 270	. 270	.270	. 270	. 270	. 270	. 270	. 270	p. 270	1
Asphalt: Productionmil. bbl	9. 1	9.3	12.9	13. 2	12.4	11. 3	8. 2	6, 2	4.4	5.6	7.3	8.0	11. 2	12.7		
Stocks, end of monthdodo	16.3	16.7	16.8	14.5	12.8	10.4	11. 9	14.4	15.8	18.1	21.3	22. 3	22. 0	20. 2		
Productiondododododo	6.4 14.9	1 4. 7 14. 9	$\begin{array}{c} 5.0 \\ 12.7 \end{array}$	4.9 12.8	4. 4 12. 1	4. 2 13. 5	4. 2 16. 5	5. 0 23. 3	$\begin{array}{c} 5.0 \\ 22.1 \end{array}$	4.7 17.1	5. 2 15. 0	4.8 12.3	5. 2 11. 5	5. 1 11. 4		-
Stocks (at plants, terminals, underground, and at refineries), end of momil. bbl	33.6	1 30. 2	35. 5	38 , 5	41. 2	41.8	39. 4	30.3	24.3	22, 9	25.4	29.4	34, 9	39. 5		1
sphalt and tar products, shipments:								00.0	- 21.0			20.1	4-,0	30.0		
Asphalt roofing, total thous. squares Roll roofing and cap sheet do do do do do do do do do do do do do	5, 367 1, 913	5, 372 2, 009	7,684 $2,746$	6,954 $2,602$	6, 419 2, 450	7, 114 2, 764	4,604 1,810	3, 103 1, 214	3, 134 1, 213	4, 521 1, 610	4, 705 1, 777	5, 719 2, 042	6, 921 2, 389	7, 586 2, 545		
Shingles, all typesdo	3, 454	3, 363	4, 938	4, 352	3, 969	4, 350	2, 794	1,888	1, 920	2, 911	2,928	3, 677	4, 532	5, 040		
Asphalt siding dododo	67 77 82	66 70	78 93	78 100	81 93 83	102 102	85 56	52 37	43 31	60 36	48 44	50 57	49 65	55 75		
Saturated feltsthous. sh.tons	<u> </u>	82	109	95		98	74	60	67	88	78	74	82	95		-
		PULP	PAI	PER,	AND	PAPI	ER PI	RODU	CTS				,		,	
PULPWOOD AND WASTE PAPER						İ										
ulpwood: Receiptsthous. cords (128 cu. ft.)	3, 668	3, 816	3, 656	4, 370	3, 945	4, 335	3,821	3, 495	4, 030	4, 175	4, 157	3, 843	3,992	4, 120	4, 186	
Consumptiondo Stocks, end of monthdo	3, 673 5, 225	3, 847 5, 124	3, 555 4, 819	4, 150 5, 180	3, 754 5, 118	4, 102 5, 353	3, 975 5, 116	3, 626 4, 976	4, 055 4, 936	3, 906 4, 981	4, 126 4, 987	4, 119 4, 690	4, 213 4, 428	3, 952 4, 478	3, 898 4, 660	
aste paper: Consumptionthous. sh. tons	756	729	663	762	737	797	710	668	741	748	799	821	803	795	686	
Stocks, end of monthdodo	498	501	529	515	494	506	465	514	490	477	470	476	468	467	485	
roduction: Total, all gradesthous, sh. tons	2,326	2, 453	2, 308	2, 576	2, 390	2, 631	2, 593	0.002	0.605	0.520	0.007	0 700	0.001	0.000	0.500	
Dissolving and special alpha do Sulfate do do Go	106 1,358	114 1,458	108 1, 361	121 1, 549	106	124 1, 555	120	2, 283 97 1, 357	2,605 138	2,530 125	2,667	2,706 106	2,821	2, 608 132	2, 509 107	
Sulfitedo	214	224	209	229	211	242	1,551 230	229	1, 528 231	$1,509 \\ 224$	1,608 242	1,634 246	1,729 241	1, 543 223	1, 545 211	
Groundwooddo Defibrated or explodeddo	283 104	289	274 111	295 120	280 124	310 125	308 124	280 106	327 124	304 127	320 129	330 129	335 131	324 127	300 123	1
Soda, semichem., screenings, etcdotocks, end of month:		2 251	245	262	253	274	261	215	257	241	241	260	256	260	222	
Total, all mills do Pulp mills do do do do do do do do do do do do do	878 297	* 713 263	721 256	721 252	706 243	707 246	731 264	717 235	739 266	745 266	759 271	747 265	771 286	762 278	759 273	
Paper and board mills do Nonpaper mills do do	509 72	3 372 78	380 85	378 90	381 82	384 77	394 73	408 75	396 78	399 80	403 84	387 94	394 90	389 95	392	
xports, all grades, totaldo	99	118	120	130	128	116	106	142	•	120	1			127	93	
Dissolving and special alpha do All other do	40 59	44 75	39 80	48 82	55 73	41 76	38 68	49 93	132 43 89	42 78	139 55 83	138 46	143 55	40	141 62 70	
nports, all grades, totaldo	232	231	229	242	220	258	225	236	235	224	265	92	88	87	79	
Dissolving and special alphado	23 23 210	22 210	21 208	21 21 221	16 204	23 23 235	19 206	230 22 214	235 22 213	21 21 203	205 23 242	228 26 202	225 18 208	256 23 233	227 23	
All other	1 210	1 -10	•••		204		200	214	1 213	203	242	202	208	200	204	
PAPER AND PAPER PRODUCTS		1			1	1]	ł	l	}	1				
					1	1		1	l	i	1	1	1	1		
PAPER AND PAPER PRODUCTS aper and board: Production (Bu. of the Census):										!						
PAPER AND PAPER PRODUCTS aper and board: Production (Bu. of the Census): All grades, total, seas. adjthous, sh. tons All grades, total, unadjusted	. 3, 137	3, 250 1, 436	73,004 71,308	3, 456 1, 508	3, 200 1, 387	3, 514 1, 540	3, 314 1 481	2, 973 1 375	3, 395 1, 535	3, 276 1 448	3,477	3, 553	7 3, 515 7 1, 594	3, 445		
PAPER AND PAPER PRODUCTS aper and board: Production (Bu, of the Census): All grades, total, seas. adjthous, sh, tons	3, 137 1, 382	3, 250 1, 436 1, 507 11	7 3, 004 7 1, 308 1, 387 9	3, 456 1, 508 1, 605	3, 200 1, 387 1, 496 11	3, 514 1, 540 1, 620 12	3, 314 1, 481 1, 529 11	2, 973 1, 375 1, 334 10	3, 395 1, 535 1, 563 1, 11	3, 276 1, 448 1, 533 11	3, 477 1, 515 1, 632 12	3, 553 1, 547 1, 662	7 1, 524	3, 445 1, 484 1, 615 12	1, 409 1, 550	·

certain oils which have been reclassified as petrochemical feedstocks.

2 Effective Jan. 1963, "screenings, etc." included with "defibrated or exploded."

3 Effective Jan. 1963, excludes stocks of "own pulp" at paper and board mills.

Survey; revisions for 1962 and for 1963 (also shown above) for asphalt and tar products appear on p. 32 of the Apr. 1964 Survey.

Unless otherwise stated, statistics through 1962	1962	1963			19	63						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mon		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
P	ULP,	PAP	ER, A	ND I	PAPE	R PR	ODU	CTS-	-Cont	inued		<u>-</u> !	!			
PAPER AND PAPER PRODUCTS—Con.			1			Ī							[
Paper and board—Continued New orders (American Paper and Pulp Assoc.): All grades, paper and boardthous. sh. tons Wholes ale price indexes: Printing paper	3, 131 101. 4 107. 6	3, 268 101. 4 107. 4	3, 170 101. 4 107. 4	3, 424 101. 4 107. 4	3,308 101.4 107.4	3, 523 101. 4 107. 4	3, 193 101. 4 107. 4	2, 913 101. 4 107. 4	3, 458 101. 4 107. 4	3, 298 101. 4 107. 4	3, 499 101. 4 109. 0	r 3, 565 101. 4 109. 9	3, 520 101. 4 109. 9	101. 4 109. 9	101. 4 109. 9	
Paperboard 9	93. 1 97. 2	94. 7 96. 2	94. 1 97. 5	94. 1 97. 5	94. 1 97. 6	96. 6 96. 9	96. 6 95. 1	96. 5 95. 2	96. 5 95. 2 185	96, 5 95, 0	96. 5 93. 7	96. 5 93. 5	96. 5 94. 4	96. 5 94. 4	96. 5 94. 4	
Orders, unfilled, end of month	88 170	99	103	102	103	108	100	90	85	93	83	92	, 193	89 186		
Production do Shipments do Printing paper: do Orders, new do Orders, unfilled, end of month do	168 412 370	177 174 454 394	160 432 396	187 457 395	170 170 472 410	190 190 484 394	179 443 378	153 153 414 375	187 183 499 383	183 187 449 368	191 188 497 397	7 191 483 391	7 193 7 193 7 482 7 398	197 197 474 392		
Productiondo	409 409	445 445	412 412	471 471	439 439	478 478	457 456	426 425	481 481	446 446	467 467	475 475	7 474 7 474	466 466		
Coarse paper: Orders, newdo Orders, unfilled, end of monthdo	346 154	355 164	323 153	369 167	366 182	383 185	364 180	329 154	370 160	360 167	372 161	365 145	r 348 r 139	342 143		
Productiondo Shipmentsdo lewsprint: Canada:	350 343	353 350	311 311	372 363	340 356	373 366	377 370	339 341	370 369	362 354	369 373	373 372	⁷ 360 ⁷ 353	341 336		
Production do Shipments from mills do Stocks at mills, end of month do United States: Production do	558 557 249 179	553 552 268 185	551 575 255 173	586 576 265	551 580 235	630 638 227	613 611 229	535 578 186	564 533 217	549 491 275 174	566 540 301	625 664 261	610 594 277 201	610 652 240	617 620 237	
Shipments from millsdostocks at mills, end of monthdodo	180 39 465	184 37 465	183 31 421	178 44 443	172 36 490	193 37 529	189 38 524	184 34 522	189 43 455	186 32 452	193 29 518	197 24 528	192 32 550	192 34 496	182 27 453	
Stocks at and in transit to publishers, end of month distribution	586	588	615	632	606	588	559	545	569	572	550	541	511	529	562	
Importsdo Price, rolls, contract, f.o.b. mill, freight allowed or delivered\$ per sh. ton	456 134, 40	451 134. 40	497 134.40	455 134.40	455 134. 40	522 134.40	463 134. 40	536 134. 40	444 134. 40	409 134. 40	473 134, 40	475 134. 40	470 134. 40	513 134. 40	515 p134, 40	
aperboard (National Paperboard Assoc.): § Orders, new (weekly avg.)thous. sh. tons. Orders, unfilled, end of monthdo Production, total (weekly avg.)do Percent of activity (based on 6.5-day week)aper products:	1 340 461 1 343 85	1 357 518 1 358 87	326 572 319 78	385 574 381 91	363 611 355 86	385 622 387 92	357 545 373 90	316 494 325 75	363 537 349 88	387 538 386 91	381 532 384 92	387 519 386 90	399 565 391 90	395 587 390 90	361 624 351 81	
Shipping containers, corrugated and solid fiber, shipmentso	10, 182 124. 1	10, 711 126. 1	10, 135 120. 3	11, 903 135. 5	10, 848 129. 6	12, 482 141. 7	10, 649 119. 8	9, 870 130. 8	10, 833 124. 4	10, 460 - 114. 7	11, 039 r 123. 3	11, 520 r 127. 2	11, 399 r 121. 0	11, 284 131. 5	11, 198 • 118. 7	11,
		RU	BBEF	RANI	D RU	BBEI	RPRO	DDUC	TS					•		
RUBBER Jatural rubber:		1														
Consumptionthous. lg. tons. Stocks, end of monthdodoImports, Incl. latex and guayuledoPrice, wholesale, smoked sheets (N.Y.)\$ per lb	38. 56 68. 47 35. 13 \$\nu\$. 285	38, 10 72, 70 31, 63 \$\nu\$, 263	32, 92 75, 19 25, 72 , 265	35, 55 73, 00 31, 68 , 253	36.31 68.88 26.24 .230	42, 59 64, 30 30, 58 , 255	35. 29 61. 32 27. 09 . 258	35. 75 60. 58 28. 61 . 240	39, 59 62, 44 38, 78 , 235	36. 66 64. 34 26. 30 . 236	39.80 64.97 41.75 .256	40. 68 64. 74 28. 79 . 259	39.36 69.08 44.07 .254	41.37 67.14 31.24 .251	35. 09 75. 39 40. 51 . 246	
ynthetic rubber: thous. lg, tons. Production	131. 20 104. 66 257. 15 25. 31	134. 04 108. 90 281. 05 23. 60	130, 78 92, 34 296, 76 24, 00	127. 30 100. 42 296. 21 27. 27	124. 59 105. 70 292. 20 21. 33	129. 86 127. 89 275. 28 22. 51	134. 81 109. 26 275. 28 22. 90	141, 05 107, 54 283, 01 24, 86	143, 59 120, 74 279, 51 24, 00	140. 18 111. 12 283. 20 28. 80	146, 27 116, 69 285, 88 27, 05	146, 22 121, 85 285, 19 27, 85	150. 31 118. 49 293. 17 24. 66	146, 94 123, 71 293, 02 24, 98	137. 99 104. 16 300. 65 25. 60	
teclaimed rubber: Productiondo Consumptiondo Stocks, end of monthdo	23. 38 21. 95 29. 77	23. 45 21. 97 30. 30	21. 12 17. 92 32. 12	20. 11 19. 27 31. 22	22. 42 21. 65 31. 35	26. 00 25. 06 30. 88	21. 25 20. 65 29. 78	22. 17 20. 15 31. 19	25, 11 22, 99 31, 47	21, 75 20, 75 30, 51	24. 03 22. 59 30. 37	24. 50 24. 20 30. 42	23.96 23.10 29.76	25, 22 22, 30 30, 92	20. 21 19. 02 32. 35	
TIRES AND TUBES neumatic casings:																
Production thous Shipments, total do- Original equipment do- Replacement equipment do-	11, 156 11, 055 3, 495 7, 430	11, 594 11, 551 3, 919 7, 503	10, 182 712, 701 73, 517 79, 053	9, 368 9, 558 1, 606 7, 819	10, 540 11, 232 3, 562 7, 552	13, 469 14, 021 5, 163 8, 700	11, 502 10, 746 4, 366 6, 263	11, 496 10, 491 4, 470 5, 888	12, 681 12, 640 4, 337 8, 194	11, 835 10, 406 4, 067 6, 209	12, 563 11, 996 4, 402 7, 478	13, 331 14, 117 4, 854	13, 214 13, 576 4, 542	14, 041 14, 517 4, 652 9, 718	11, 509 12, 398 2, 810 9, 423	
Export do do Stocks, end of month do Exports (Bu. of Census) do do do do do do do do do do do do do	130 27, 086 89	129 29, 978 82	131 28, 830 97	28, 652 81	27, 889 78	158 27, 469 86	28, 272 82	134 29, 407 73	29, 544 77	31, 090 85	31, 658 78	9,130 133 31,091 92	8, 907 126 31, 011 106	30, 644 105	9, 423 164 29, 968 160	
nner tubes: Production	3, 403 3, 442 8, 913 81	3, 305 3, 398 9, 462 76	3, 021 7 3, 658 9, 818 90	2, 792 3, 032 9, 576 61	2, 860 3, 115 9, 180 82	3, 408 3, 506 9, 155 85	2,827 2,958 9,088 77	3, 138 2, 799 9, 529 75	3, 914 5, 415 8, 201 55	3, 673 3, 613 8, 424	3, 837 3, 381 9, 020 51	3, 956 3, 392 9, 587 78	3, 591 3, 117 10, 172 64	3, 699 3, 475 10, 471 73	3, 010 3, 370 10, 135	

r Revised. r Preliminary. Weekly average for year.
Q Revisions for 1961 are available upon request.
Monthly averages for 1962 for new orders, production, and shipments reflect revisions to adjusted annual totals; revisions by months not available.

Crass reported by publishers accounting for about 74.5 percent of total newsprint con-

sumption in 1962 and 74 percent in 1963 and 1964. § Revised to reflect weekly averages for new orders and production, and percent activity on basis of 6.5 days per week; comparable data prior to 1962 will be shown later. ORevisions by months for 1962-Feb. 1963 will be shown later.

Unless otherwise stated, statistics through 1962	1962	1963			19	63						19	64			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS		thly rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
		STON	E, Cl	LAY,	AND	GLA	SS P	RODU	U CTS		<u> </u>	!	!	!	<u> </u>	l
PORTLAND CEMENT										· · · · · · · · · · · · · · · · · · ·					[
Production, finished cementthous. bbl	28, 027 75	29, 441	36, 802 91	37, 452 93	34, 682 88	3 6, 624	30, 377	23, 993 59	18, 931 46	19, 729 51	24, 697 61	29, 493 75	34, 417	36, 185 92	37, 220 91	~ -
Percent of capacityhipments, finished cementthous.bbl_tocks, end of month:	27,893	29, 354	39, 145	40, 257	36, 547	41,352	26, 317	16, 958	17, 425	17, 597	22, 722	29, 178	35, 511	38, 750	40, 678	
Finisheddo Clinkerdo	36, 720 24, 160	38, 029 23, 081	38, 057 23, 910	35, 209 19, 774	33, 236 17, 400	28, 485 13, 631	32, 491 13, 820	39, 556 16, 793	41, 047 21, 741	⁷ 43, 181 25, 610	45, 152 29, 242	45, 462 30, 667	7 44, 425 29, 580	⁷ 41, 894 ⁷ 27, 065	38, 436 24, 249	
CLAY CONSTRUCTION PRODUCTS																
hipments: Brick, unglazed (common and face)	576.1	617. 1	747.4	745.3	684.3	770 7	620. 4	431. 1	424.1	440 5	590. 8	070.9	- 700 6	7 69 , 9		
mil. standard brick Structural tile, except facingthous, sh. tons Sewer pipe and fittings, vitrifieddo	35. 2 142. 8	32. 0 145. 6	39. 7 176. 1	35. 6 186. 9	30.9 171.1	776. 7 34. 1 186. 4	26, 2 135, 1	23.4 94.8	27.1 93.4	446, 5 25, 1 101, 3	29.6 137.5	679.3 31.7 151.8	739.6 32.6 166.1	32.8 184.5		
Facing tile (hollow), glazed and unglazed mil. brick equivalent.	33.6	29.7	32.4	33.1	29.7	35.7	29. 2	25.8	22.8	21.9	26. 4	27.8	25. 2	20. 2		
Floor and wall tile and accessories, glazed and un- glazed mil. sq. ft-	21.1	22. 2	23, 3	24. 5	22.8	25. 3	21. 5	19.1	r 21. 2	r 20. 8	r 24. 8	25. 5	23.9	25. 5		
rice index, brick (common), f.o.b. plant or N.Y. dock1957-59=100	104.9	106. 1	106. 4	106. 4	105. 8	105. 8	105. 9	106. 1	106. 1	107. 1	107. 1	107.3	107.3	107. 1	107. 1	
GLASS AND GLASS PRODUCTS															;	
'lat glass, mfrs.' shipments (qtrly. average or total) thous. \$	71, 497	78, 274			80, 857			89, 298			78, 211			80, 644		
Sheet (window) glass, shipmentsdo Plate and other flat glass, shipmentsdo	31, 612 39, 885	35, 370 42, 904			38, 766 42, 091			41, 314 47, 984			32, 610 45, 601		\ -	35, 272 45, 372		
Plass containers: Productionthous.gross	14, 655	15, 166	16, 202	17, 095	14, 803	15, 677	14, 271	12, 712	14, 424	14, 704	15, 877	16, 391	16, 776	17, 652	17,004	
Shipments, domestic, totaldodo	14, 319	14, 730	15, 601	17, 741	14, 805	15, 497	13, 283	13, 382	13, 714	13, 397	15, 377	16, 514	15, 283	16, 967	16, 301	
General-use food: Narrow-neck fooddodo Wide-mouth food (incl. packers' tumblers,	1,582	1,602	1,863	2, 290	2, 765	1, 838	1, 186	1, 204	1, 331	1, 294	1,508	1,642	1, 367	1, 455	2, 105	- -
jelly glasses, and fruit jars)thous. gross	4, 110	4, 100	4, 048	5, 275	4, 124	4,633	3,847	3,848	4, 181	4, 034	4, 134	3, 911	4, 040	4, 355	4, 096	
Beveragedo Beer bottlesdo Liquor and winedo	1, 187 2, 184 1, 269	1, 350 2, 453 1, 295	1, 969 3, 264 1, 060	1, 430 2, 983 1, 338	858 1, 971 1, 337	921 2, 157 1, 643	959 2, 101 1, 323	1, 382 2, 286 1, 226	845 2, 054 1, 286	987 2, 137 1, 293	1, 422 2, 683 1, 413	1,700 3,542 1,392	2. 105 2. 822 1, 379	72, 359 3, 543 1, 425	2, 027 3, 669 1, 094	
Medicinal and toilet do	3, 066 786 134	3, 061 742 127	2, 588 686 123	3, 431 812 182	2, 933 679 138	3, 401 765 139	3, 095 648 124	2, 704 584 148	3, 263 639 115	2, 956 602 94	3, 364 751 102	3, 490 699 138	2, 890 590 90	3, 089 637 104	2, 647 553 110	
Stocks, end of monthdodo	22, 921	25, 533	26, 401	26,006	25, 151	25, 564	26, 315	25, 540	26, 067	25, 893	26, 136	25, 633	26, 948	27, 294	27, 570	
GYPSUM AND PRODUCTS						i										
Crude gypsum, qtrly. avg. or total: Importsthous, sh. tons Productiondo	1,355 2,492	1, 372 2, 561			1, 566 2, 902			1, 375 2, 42 5			1, 397 2, 377			1, 280 2, 733		
Calcined, production, qtrly. avg. or totaldo	2, 205	2, 295			2, 518			2, 226			2, 209			2, 437		
Typsum products sold or used, qtrly, avg. or total: Uncalcined usesthous, sh. tons Industrial usesdo	1,012	1, 035 70			1, 263 70			947 69			822 73			1, 200		
Building uses: Plasters: Base-coatdo All other (incl. Keene's cement)do	256 257	259 250			284 289			232 240			237 217			269 254		
Lathmil, sq. ft_ Wallboarddo	396. 2 1, 657. 9	387. 3 1, 777. 4	ļ		437. 0 1, 994. 8			365. 0 1, 730. 1			365.7 1. 721.1			391.8 1, 905.7		
All othersdo	58. 9				69. 0			60. 9			51. 6					
			T	EXT	ILE I	PROD	UCTS	3								
WOVEN FABRICS]			1										
Woven fabrics (gray goods), weaving mills: ⊕ Cloth woven, totalmil. linear yd	975.5	081 0	1 923. 2	934.4	030 8	1,179. 7	957. 0	887. 1								
Cotton doStocks, end of year or mo., total dodo	. 760. 2	756. 9	1 710. 7	720.9	719.1	1 915.3	736. 3		1 893, 8	741.3	733. 0	1 898. 5	729, 1	729. 4		
Cotton do	. 11, 192. 5	1, 176. 7	[11,133.6	1.158.5	[1, 164, 0]	11.149.9	1, 168, 0	1, 235, 6	11,157.1	1, 131. 4	1, 116. 5	11,081.4	1,087.1	1, 071. 8		
Cotton ¶do	1,848.9	1, 800. 8	11,760.3	1,798.8	1,848.8	12,023.4	2, 127. 1	2, 084. 8	11,882.5	1, 797. 4	1, 682. 2	11,555.8	1,624.8	1, 700. 2		
COTTON										1						
Cotton (exclusive of linters): Production:	914 904	915 000		1 900	4 500	10.055	10 000	914 050								
Ginningsthous running bales Crop estimate, equivalent 500-lb. bales	1		245	1,326	4,786	10,055	12,820	3 14, 070	15, 117						152	1,01
Consumption O thous. bales.	- 726	² 15, 327 700	1 685	667	663	1 829	678	605	1 814	683	673	1 831	687	683	1 741	⁵ 14, 94 71
Stocks in the United States, end of mo., total o thous. bales.		17, 741 17, 613	11, 216 11, 123	24, 531 24, 395	24, 046 23, 899	23, 360	22, 296 22, 146	21, 170	19, 512 19, 373	18, 407	16,957	15,700	14, 683	13,712	12, 383	-
On farms and in transitdo Public storage and compresses Odo	3,371	17, 613 3, 492 12, 762	280 9, 647	13, 532 9, 807	23, 899 11, 230 11, 688	23, 207 6, 948 15, 209	4,391	21, 019 2, 354 17, 260	19, 373 1, 218 16, 557	18, 277 1, 066 15, 539	16, 839 459 14, 664	15, 594 411 13, 582	14, 588 387 12, 750	13,632 427 11,933	12. 311 270 10, 916	11, 05
Consuming establishments do Foreign cotton, total Odo	1,658	1, 359 128	1,196	1,056	981 147	1,050	1, 245	1, 405 151	1, 598	1,672	1,716		1, 451	1, 272	1, 125	11, 036 887 138
- Storger Coulder, Cottan Garage	103	120	"	100	141	133	148	101	198	130	1 118	1 100] 99	80	1 12	13

o'Stocks are those owned by weaving mills and those billed and held for others, except that stocks exclude denims stocks billed and held for others, and all bedsheeting stocks.

¶Excludes orders for wool apparel fabrics and bedsheeting. △Total ginnings to end of month indicated, except as noted. ⊙Revisions for Aug. 1962-June 1963 are available; for stocks monthly averages also reflect cotton released by GSA from the cotton stockpile (beginning July 1962).

r Revised. ¹ Data cover 5 weeks; other months, 4 weeks. ² Total crop for year. ³ Ginnings to Dec. 13. ⁴ Ginnings to Jan. 16. ⁵ Sept. 1 estimate of 1964 crop. § Comprises sheathing, formboard, and laminated board. ⊕ Effective Jan. 1964, the mammade fabrics classifications were revised and the survey expanded to include drapery fabrics; silk and chiefly silk mixtures were omitted from the canvass. Because of apparent reporting problems in the synthetics, data for total fabrics are being withheld; revised Apr.-June 1964 figures for wool apparel fabrics (mil. yd.): Woven, 26.6; 22.0; 22.7; stocks, 33.4; 33.2; 30.9.

Unless otherwise stated, statistics through 1962	1962	1963			19	53		- 1				196	4			
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mor ave	ithl y rage	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
		T	EXTI	LE P	RODU	JCTS-	Con	tinue	ed							
COTTON—Continued																
Cotton (exclusive of linters)—Continued	321	363	183	274	361	384	501	628	207	570	400	400	381	387	697	
Exportsthous bales Importsdo	12 1 31. 7	11 p 2 31. 9	31.8	79	32. 7	24 32. 9	32, 5	31. 3	587 1 30.1	570	490 5	6	$\frac{381}{4}$ 32.1	387 2 32.4		
Prices (farm), American uplandcents per lb_ Prices, middling 1", avg., 15 marketsdo		p 2 33. 1	33. 4	32.0 33.2	33. 1	33. 1	33.1	33. 2	33. 2	29. 4 33. 3	30. 7 33. 4	31. 7 33. 4	33.4	33.3	32. 5 32. 6	30. 31.
Consumption thous. balesthous. bales	109	111	3 99	114	106	* 131	100	99	3.129	111	108	³ 132	109	118	3 102	10
Production†do Stocks, end of mo†do	134 628	129 667	36 550	63 482	147 497	205 566	201 651	169 699	184 760	165 783	147 797	119 777	89 726	62 649	44 599	
COTTON MANUFACTURES																
pindle activity (cotton system spindles):⊙	r 18, 807	7 18, 628	r 18 634	18, 681	18, 696	18,742	18, 660	18, 625	18, 591	10 549	18, 492	18, 484	10 440	18, 376	18, 446	
Active spindles, last working day, total_thousdododo	7 16, 750 7 9, 895	7 15, 813	7 15, 688 P3 9, 711	15, 757	15, 758	15, 753 11, 788	15, 653 9, 538	15,656	15, 596 311, 579	18, 543 15, 521	15, 440	15, 381	18, 442 15, 292	15, 208	15, 238	18, 5, 15, 2
Spindle hours operated, all fibers, totalmil	458	456	r 388	9,344 467	467	472 3 9, 903	477	428	463	9, 494 475	465	3 11, 503 460	9, 481 474	9, 422 471	3 10, 272 411	9, 6
Consuming 100 percent cottondo otton yarn, natural stock, on cones or tubes:	⁷ 8, 780	⁷ 8, 349	⁷³ 8, 151	7, 870	7,903	9,903	8,000	7, 220	39,742	7,978	7, 798	⁸ 9, 609	7,892	7, 836	3 8, 455	7, 98
Prices, f.o.b. mill: 20/2, carded, weaving \$ per lb.	. 660	. 644	. 640	. 640	. 645	. 645	. 650	. 655	. 655	. 655	. 655	. 636	. 631	. 631	p. 631	
36/2, combed, knittingdo	. 938	. 912	. 911	. 911	. 911	. 911	. 920	. 923	. 923	. 923	. 918	. 913	. 895	7. 896	₽. 889	
otton cloth: Cotton broadwoven goods over 12" in width:	2,312	2, 195			2,072			9.01*			2, 231					
Production, qtrly. avg. or total⊙ _ mil. lin, yd. Orders, unfilled, end of mo., as compared with	10.8	10. 6	12. 6	10. 1	10. 5	11. 5	12, 3	2,215	11.0	10.1		9.1	0.4	0.0	12.0	
avg. weekly productionNo. weeks' prod Inventories, end of mo., as compared with avg.	5.4	5. 5	6.4	5.3	5. 3	5, 1	5.0	12.8	11.0	10.1	9.7	5. 0	9.4	9.8	13.8	
Ratio of stocks to unfilled orders (at cotton	. 51	. 52	. 52	. 49	. 48	. 41	. 39	5.5	5.1	4.9	4. 9 . 52	. 57	5.1	4.8	6.0	
mills), end of mo., seasonally adjusted	25. 24	25. 20	24.71	25. 27	25. 80	26. 23	26. 73	. 42 26, 92	. 47 26. 87	26.85	26.87	26.37	. 56 25. 95	. 49 25, 11	. 45 25. 35	33. 3
Prices, wholesale: Denim, mill finishedcents per yd	39. 6	38. 1	38.3	38.2	37. 7	37. 7	37.7	37. 7	37. 7	37.7	38.0	37. 7	37.7	r 36, 9	p 36.9	
Print cloth, 39 inch, 68 x 72	15. 4 17. 0	15. 9 17. 0	15.7 17.0	15. 9 16. 9	16. 0 16. 9	16.3 16.9	17.0 17.1	17. 0 17. 8	17. 0 17. 8	17.0 17.5	17.0 17.7	16. 5 17. 8	15.8 17.8	7 15. 6 7 16. 6	p 15.7 p 17.0	
MANMADE FIBERS AND MANUFACTURES																1
Fiber production, qtrly, avg. or total⊙mil. lb_ Filament yarn (rayon and acetate)do	597. 3 181. 5	659. 2 177. 4			676. 8 176. 6			705. 8 189. 3			728.9 189.6			723. 9 190. 1	r 4 65. 6	4 64.
Staple, incl. tow (rayon)do	125. 0 243. 2	144. 8 289. 0			146. 0 305. 7			152. 6 313. 4			162. 2 r 322. 7			141.5	r 4 42. 5	4 43.
Noncellulosic (nylon, acrylic, protein, etc.) - do Textile glass fiberdo	47. 6	48.0			48. 5			50. 5			7 54. 4			334. 1 58. 2		
Exports: Yarns and monofilamentsthous. lb.	9, 177	8, 196	7, 980	8, 197	8, 330	8,008	8, 662	9, 160	7,442	6, 691	8,899	8, 498	9,005	10, 177	10, 204	
Staple, tow, and topsdodo	4, 281	4, 187	4, 715	4, 679	4, 003	5, 556	6,080	4,309	2,499	5, 544	3, 938	3, 664	3, 199	5, 013	3, 947	
Yarns and monofilamentsdo Staple, tow, and topsdo	809 5, 4 63	680 10, 463	723 $12,262$	813 10,063	837 10, 155	884 13, 089	487 12, 913	510 15, 462	529 15, 367	12, 357	518 17, 415	563 12, 287	592 11, 578	882 10, 453	967 9, 636	
Stocks, producers', end of mo.: Filament yarn (rayon and acetate)mil. lb	53, 2	56.8	58. 5	58. 5	57.3	53. 1	50. 4	47. 0	44.7	43.6	41.0	37.9	36. 1	r 35, 0	35.7	}
Staple, incl. tow (rayon) do Noncellulosic fiber do	48. 4 5 79. 8	35. 5 113. 3	32. 1	32, 1	33. 9 119. 6	38. 5	35. 7	37. 9 135. 9	40.3	41.9	48.3	52. 5	56. 6	60.9	58. 9	
Textile glass fiberdodo	5 27. 0	5 28. 5		~	27. 9			29. 7			29.0			31.0		
Prices, rayon (viscose): Yarn, filament, 150 denier∆\$ per lb	. 82	. 82	. 82	.82	. 82	. 82	. 82	. 82	. 78	. 78	. 78	. 78	. 78	. 78	v. 78	
Staple, 1.5 denierdo.	. 26	. 27	.28	.28	. 28	. 28	. 28	. 28	. 28	. 28	. 28	. 28	. 28	. 28	p. 28	
Production, qtrly. avg. or total \(\)mil. lin. yd Filament yarn (100%) fabrics \(\)do	688. 8							800.1			844.8 371.2					
Chiefly rayon and/or acetate fabricsdol											198.6 69.8			·}		
Spun yarn (100%) fabrics (except blanketing) 9			i						l	ì		1	ł	1		
mil. lin. yd Rayon and/or acetate fabrics and blends		1		1	ĺ					ĺ	295.4					
Polyester blends with cottondo											154. 2 105. 7					
Combinations of filament and spun yarn fabrics mil. lin. yd											119.1					
Exports, piece goodsthous. sq. yd	11, 633	12, 972	10, 492	13, 689	13, 439	13, 684	13, 283	14, 693	14, 061	13, 788	17, 318	16, 628	16, 612	15, 880	12, 546	
WOOL Vool consumption, mill (clean basis);⊙									1			ļ				
Apparel classmil, lb Carpet classdo	23. 4 12. 4	20. 9 13. 4	³ 21. 1 ³ 12. 1	20. 0 13. 5	18. 2 13. 6	3 20.7 3 16.0	16. 1 12. 0	16.7	3 22.7	19.0	17.8	3 21.3	19.2	19.8		.
Vool imports, clean yield do Duty-free (carpet class)*	23. 1 11. 8	23. 8 14. 0	29. 6 22. 0	22. 2 16. 0	16. 0 10. 4	20. 6 14. 7	13.7	10.6 25.9 14.8	³ 13. 6 21. 6	10.6 21.6	9. 4 17. 8	3 11. 1 18. 5	7. 5 18. 5	8.6	17. 3	
Good French combing and staple:	11.0	11.0	22.0	10.0	10.1	11		14.0	11.8	11.5	8.9	9.8	11.5	6.6	9.8	
Graded territory, fine\$ per lb_ Graded fleece, 36 blooddo	1. 247 1. 090	1. 326 1. 175	1. 325 1. 175	1. 325 1. 175	1. 325 1. 191	1. 325 1. 205	1. 325 1. 226	1. 425	1.425	1. 450	1,450	1.415	1.375	1.375	1. 335	1. 39
Australian, 64s, 70s, good topmakingdo	1, 155	1. 285	1. 275	1.275	1. 275	1. 275	1. 275	1. 255 1. 455	1, 255 1, 455	1. 255 1. 455	1. 255 1. 455	1. 255 1. 439	1. 289 1. 375	1.300 1.375	1. 300 1. 375	1. 30
WOOL MANUFACTURES	,								}							
Initting yarn, worsted, 2/20s-50s/56s, Bradford system, wholesale price1957-59=100	100.6	105. 4	104.6	104.6	104. 6	104.6	107. 1	107. 9	107. 9	107. 9	107.9	107.9	107.9	107. 5	107. 5	
Woolen and worsted woven goods, exc. felts: Production, qtrly, avg. or total . thous, lin. yd.					66, 531			r 61, 997	<u> </u>		68, 145					
Apparel fabrics, totaldo Women's and children'sdo	75, 310	68, 485 43, 246			64, 712 45, 466			r 59, 302 r 39, 168			66, 159 42, 075					
Suiting, price (wholesale), flannel, men's and	,		1		1 - 5, 200	1		1 ,,,			1 -, -, -, -			1		1

Revised. *Preliminary. *Season average. *Season average to Feb. 1, 1964.

*Data cover 5 weeks; other months, 4 weeks. *For month shown. *Qrtly, average ORevisions for Jan. 1962-June 1963 are available.

*Production and stocks of linters at oil mills revised to approximate running bales; data back to Aug. 1958 are available.

[¶]Beginning Aug. 1964, margins reflect the 6.5 cents per pound cotton equalization payments made to domestic cotton users on all bales of eligible cotton opened beginning 4/11/64; note that the Apr.-July 1964 margins do not reflect these payments.

△Effective Jan. 1964, data not strictly comparable with earlier prices.

‡ See corresponding note, bottom of p. S-40.

*New series. See corresponding note in the Aug. 1964 Survey. Monthly data back to 1959 are available.

Unless otherwise stated, statistics through 1962	1962	1963		-	19	63						19	64	-		
and descriptive notes are shown in the 1963 edition of BUSINESS STATISTICS	Mon		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
		TI	EXTII	E PI	RODU	CTS-	Con	tinue	d	<u> </u>			<u> </u>			
APPAREL Hosiery, shipmentsthous. doz. pairs Men's apparel, cuttings: † Tailored garments:	14, 343	15,007	14, 361	17, 159	15, 194		14, 331	13, 399	16, 350	15, 411	15, 423	14, 763	13, 892	16, 544	15, 174	
Suits thous, units Overcoats and topcoats do	1,685 401	1,799 329	1, 131	1, 838 489	1, 589 343	2, 011 316	1, 787 2 31	1, 677 158	1, 934 189	1, 771 209	1, 664 225	1, 929	1,724 r 384	1, 757 390	1, 156 311	
Coats (separate), dress and sportdo Trousers (separate), dress and sportdo Shirts (woven fabrics), dress and sport. thous. doz. Work clothing: Dungarees and waistband overallsdo Shirtsdo	943 9, 527 2, 061 281 303	1,054 9,120 2,071 366 313	730 8, 876 1, 548 372 283	1, 024 10,214 2, 201 425 335	882 8, 843 1, 918 410 311	1, 218 9, 480 2, 276 475 341	1, 022 8, 383 2, 100 373 307	967 7, 384 1, 853 325 219	1, 169 9, 560 2, 138 402 336	1, 030 9, 587 2, 101 424 325	1, 021 9, 698 2, 020 433 319	1, 173 10, 672 2, 118 444 339	1, 116 10, 847 2, 098 7 425 306	1, 024 11, 354 1, 975 415 304	9, 947 1, 730 379 268	
Women's, misses', juniors' outerwear, cuttings: † Coats	2,002 20,880 806	2,046 21,914 828	2, 488 19, 340 813	2,739 21,061 813	2, 440 18, 874 636	2, 529 22, 353 858	2,001 18,933 796	1,727 15,915 770	2, 247 21, 920 1, 259	2, 445 24, 866 1, 362	1, 588 28, 149 868	1,032 29,943 584	1, 541 r 25, 545 r 628	r 2, 135 22, 953 r 909	2, 408 19, 774 1, 004	
Blouses, waists, and shirtsthous. dozdodo	1,370 656	$1,363 \\ 825$	1, 263 935	1,371 1,005	1, 263 804	1, 640 978	1,351 690	1,041 607	1, 408 741	1, 500 776	1,442 758	1, 471 825	1, 250 r 844	r 1, 354 r 923	1, 246 897	
		TF	ANS	PORT	ATIC	N E	QUIP	MENT	Γ							
AEROSPACE VEHICLES					1	j										
Orders, new (net), qtrly, avg. or total	3, 741 2, 996 3, 330 3, 993	4, 414 3, 519 4, 018 4, 102			5, 194 4, 003 4, 680 4, 170			3, 656 2, 758 3, 263 4, 257			4, 899 3, 863 4, 443 4, 098		ļ	4,580 3,396 4,192 4,345		
U.S. Governmentdo	3, 138	3, 301	l		3, 418			3, 398			3, 144			3, 365		
Backlog of orders, end of year or qtr. \(\) do	13, 138 10, 572 5, 045 1, 527 4, 056	13, 919 10, 953 5, 301 1, 510 4, 661			14, 522 11, 579 5, 345 1, 484 5, 151			13, 919 10, 953 5, 301 1, 510 4, 661			714, 705 711, 665 5, 879 1, 383 74, 809			14, 940 11, 696 6, 180 1, 342		
Other related operations (conversions, modifica- tions), products, servicesmil. \$mil. \$	1,480	1, 295			1, 365			1, 295			1,403			4, 826 1, 326		
Aircraft (civilian): Shipments ⊕doAirframe weight ⊕ thous, lbmil. \$mil. \$	81. 8 1, 682 27. 3	57. 2 1, 340 20. 3	47. 1 1, 023 9. 3	48. 7 1, 097 18. 5	58. 4 1, 199 13. 2	63.3 1,380 11.6	52.8 1,306 20.9	88. 1 2, 045 15. 4	84.6 1,815 41.8	66. 5 1, 567 17. 9	96. 7 2, 011 25. 0	114. 6 2, 297 33. 4	92.3 1,997 24.0	96. 0 2, 091 19. 8	71.4 1,631 24.9	
MOTOR VEHICLES									İ							
Tactory sales, total	681. 1 654. 6 577. 8 562. 8 103. 3 91. 9	758. 4 730. 0 636. 5 620. 3 121. 9 109. 7	790. 0 763. 7 660. 9 649. 4 129. 1 114. 2	251. 4 240. 3 167. 8 165. 1 83. 6 75. 2	598. 8 566. 1 481. 8 463. 0 117. 0 103. 1	945. 7 906. 2 804. 0 779. 2 141. 7 127. 0	873. 3 836. 8 748. 5 726. 2 124. 7 110. 6	881. 8 846. 4 754. 0 733. 0 127. 8 113. 5	859. 6 831. 5 726. 2 709. 0 133. 5 122. 5	814. 1 784. 8 681. 1 665. 4 133. 1 119. 4	860, 5 829, 3 718, 0 700, 9 142, 5 128, 4	939. 9 909. 3 786. 4 770. 2 153. 5 139. 1	875. 7 845. 1 735. 0 719. 5 140. 7 125. 6	893. 2 862. 6 740. 6 726. 7 152. 5 136. 0	691. 4 670. 2 570. 3 562. 1 121. 1 108. 1	1 288. 8 1 190. 2 1 98. 7
Exports, totalnumber_ Passenger cars (new and used)do Trucks and busesdo	20, 100 11, 246 8, 855	22, 928 12, 851 10, 076	17, 587 6, 837 10, 750	13, 241 3, 519 9, 722	17, 142 8, 294 8, 848	27, 970 14, 998 12, 972	42, 056 29, 066 12, 990	34, 607 24, 799 9, 808	33, 829 20, 274 13, 555	27, 606 13, 995 13, 611	23, 857 11, 932 11, 925	22, 407 12, 031 10, 376	27, 769 13, 166 14, 603	34, 681 18, 986 15, 695	22, 0 3 2 10, 677 11, 355	
Imports (cars, trucks, buses), totalcoder do Passenger cars (new and used) coder do Shipments, truck trailers: A Complete trailers and chassis do Vans do Trailers and chassis (detachable), sold separately	33, 080 32, 063 6, 081 3, 733	36, 534 35, 308 6, 465 3, 885	39, 834 38, 693 6, 153 3, 514	21, 978 21, 240 6, 541 3, 879	32,350 31,019 6,404 3,736	38, S35 36, 834 7, 434 4, 556	39, 086 38, 504 6, 590 4, 311	40, 952 40, 037 6, 503 4, 139	45, 588 44, 330 6, 135 3, 802	38, 426 38, 243 5, 910 3, 609	47, 238 46, 868 7, 184 4, 246	46, 404 45, 950 8, 141 4, 745	41, 211 40, 808 7, 991 4, 562	47, 015 46, 481 8, 185 4, 614	47, 172 46, 812 7, 888 4, 538	
Registrations: O New passenger cars Foreign cars New commercial cars (trucks) New commercial cars (trucks)	537 578. 2 28. 3 89. 1	445 629. 7 32. 1 103. 7	505 706. 0 34. 5 111. 3	276 552, 9 31, 5 105, 0	285 403. 6 33. 7 93. 5	365 714. 7 32. 2 117. 1	427 640. 2 26. 4 100. 4	459 712. 0 35. 8 114. 6	342 612. 0 35. 4 102. 7	289 551. 8 29. 8 90. 9	515 636. 9 35. 8 108. 3	607 812.3 45.0 132.5	780. 6 41. 3 124. 3	754.3 42.5 122.4	651 724. 2 44. 2 123. 0	
RAILROAD EQUIPMENT									İ							
Freight cars (ARCI): Shipments	3, 046 1, 962 1, 085	3,747 2,608 1,140	4, 017 3, 016 1, 001	4, 141 2, 907 1, 234	4, 327 2, 984 1, 343	4, 725 3, 366 1, 359	3, 911 2, 925 986	4, 442 3, 087 1, 355	5,253 3,299 1,954	5, 467 3, 674 1, 793	6, 780 4, 336 2, 444	6, 529 3, 531 2, 998	6,931 3,947 2,984	6,759 4,190 2,569	5, 258 4, 055 1, 203	
New ordersdo Equipment manufacturers, totaldo Railroad shops, domesticdo	7 3, 075 7 1, 978 1, 097	7 5, 097 3, 665 7 1, 432	4, 354 2, 083 2, 271	3, 020 2, 986 34	2, 319 1, 921 398	7 8, 066 7 3, 637 7 4, 429	8, 273 6, 673 1, 600	7 9, 827 7, 868 7 1, 959	10, 552 3, 441 7, 111	3, 701 3, 172 529	7,041 5,454 1,587	7 2, 796 7 2, 496 300	7 6, 943 7 4, 894 2, 049	7 4, 593 3, 554 7 1, 039	4,709 3,692 1,017	
Unfilled orders, end of year or modo Equipment manufacturers, totaldo Rallroad shops, domesticdo	14, 315 6, 788 7, 527	22, 183 12, 645 9, 538	21, 925 12, 279 9, 646	20, 749 12, 303 8, 446	18, 388 11, 188 7, 200	22, 196 11, 626 10, 570	26, 611 15, 425 11, 186	32, 311 20, 161 12, 150	37, 836 20, 291 17, 545	36, 080 19, 789 16, 291	36, 922 20, 960 15, 962	34. 690 19, 930 14, 760	33, 410 21, 084 12, 326	30, 631 20, 383	28, 618 19, 757 8, 861	
Passenger cars: Shipmentsdo Unfilled orders, end of modo	23 174	16 198	26 178	43 250	42 220	$\frac{35}{202}$	24 178	14 317	352 352	387	5 382	5 377	6 371	15 356	21 363	
Freight cars, class I (AAR): \$ Number owned, end of year or mothous Held for repairs, % of total owned	1, 552 8. 0	1, 515 6. 8	1, 531 7.9	1, 528 7. 7	1, 527 7. 7	1, 521 7, 1	1, 519 7. 0	1, 515 6. 8	1, 513 6. 5	1, 507 6. 3	1, 505 6. 3	1,503 6.2	1, 502 6. 1	1,501 6.0	1, 500 6. 1	

NOTE FOR MANMADE FIBER FABRICS, P. S-39. ‡Effective 1st qtr. 1964, data reflect revised fabric classifications. The difference between total production and the sum of data for filament, spun, and mixed yarn fabrics shown separately (p. S-39) covers upholstery, blanketing, silk, paper, and other specialty fabrics. The difference between the total for 100% filament yarn and the components shown, covers all other filament yarn goods, including glass fiber and polyester fiber fabrics. Earlier data comparable with the detail shown are not available. Figures for 1st qtr. 1964 reported under the new classification system and recoded to the old are summarized for comparison with data shown in the Aug. 1964 and earlier issues of the Survey as follows (mil. yd.): Total, 840.5; rayon, 485.2; nylon, 79.1; polyester, 204.0; silk, 4.3.

r Revised. ¹ Preliminary estimate of production.
† Monthly revisions for Jan. 1961-Oct. 1962 are available upon request.
♀ Total includes backlog for nonrelated products and services and basic research.
⊕ Data include military-type planes shipped to foreign governments.
♂ Data cover complete units, chassis, and bodies
△Effective with the Apr. 1964 Survey, shipments have been substituted for production.
Shipments of trailer chassis only and dump trailer chassis, sold separately, are now included with the complete trailers and chassis (except detachable). Data back to 1958 are available.
⊙Courtesy of R. L. Polk & Co.; republication prohibited.
§ Excludes railroad-owned private refrigerator cars and private line cars.

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