# THE BUSINESS REVIEW 

# THIRD FEDERAL PHILADELPHIA 



# RESERVE DISTRICT DECEMBER I, 1928 

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## BUSINESS CONDITIONS IN THE UNITED STATES

Industry continued active in October and the distribution of commodities was in large volume. Wholesale commodity prices declined sharply owing chiefly to decreases in the prices of farm products. Member bank credit in use increased in October and November, while reserve bank credit outstanding showed little change. Conditions in the money market were somewhat easier.

Production. Industrial production continued in October at the high level of September and considerably above the level of a year ago. Output of minerals increased over September, while the production of manufactures declined slightly. Factory employment and payrolls increased to the highest level since early in 1927. The production of pig iron was particularly large in October and the first half of November, and the output of steel continued in record volume. Automobile production declined considerably in October after exceptional activity in September, and showed further reduction in November, as is usual at this season. Activity increased in October in meat packing and in the textile industries, with the exception of silk. Copper mining and smelting continued at a high level, and the output of coal and petroleum increased by more than the usual seasonal


Index numbers of production of manufactures and minerals, adjusted for seasonal variations (1923-25 average =100). Latest figures, October, manufactures 114 , minerals 114 .
amount, while the production of zinc declined.
There was also a decline in the output of lumber and building materials. Building contracts awarded continued to increase in October and were larger than in that month of any previous year, but declined sharply during the first two weeks of November. The increase in October was due principally to large contracts for engineering and industrial projects.
The November cotton crop estimate of the Department of Agriculture was slightly larger than the October estimate and indicated a yield of $14,133,000$ bales, $1,178,000$ more than the production of 1927. Ginnings of the current crop prior to November 14 totaled 11,320,302 bales, compared with $10,894,912$ in the similar period of a year ago. Indicated yields of wheat, corn, oats, potatoes, and tobacco were larger than the 1927 crops, while estimates of hay, rye, and flaxseed were smaller.

Trade. Department store sales in October were in about the same volume as in the same period in the preceding year, but showed somewhat less than the seasonal increase from the high level of September. Inventories of these stores increased during the month, but continued


Index of United States Bureau of Labor Statistics $(1926=100$, base adopted by bureau). Latest figure, October 97.8.
smaller than a year ago. The volume of distribution at wholesale was larger than in September and showed a substantial gain over October, 1927. Freight car loadings continued larger in October and November than a year ago, reflecting chiefly large loadings of miscellaneous freight.
Prices. Wholesale commodity prices declined in October after a continuous increase for three months, and the Bureau of Labor Statistics Index for October, at 97.8 per cent of the 1926 average, was over 2 per cent below that for September. This decline reflected chiefly large decreases in prices of farm and food products and hides and leather. Prices of industrial commodities increased slightly with small gains recorded in metals, building materials, and chemicals and drugs. The principal increases occurred in prices of iron and steel, copper, and raw silk. During the first three weeks of November prices of cotton, pig iron, copper, and petroleum increased, and prices of most farm and food products, except corn, pork, and sugar, recovered somewhat after the October decline.

Bank credit. Between October 24 and November 21 there was a considerable increase in loans and investments of member banks in leading cities, but


Monthly averages of daily figures for 12 Federal Reserve banks. Latest figures are averages of first 23 days in November.


Monthly averages of weekly figures for banks in 101 leading cities. Latest figures are averin 101 leading cities. Latest figures are averNovember.
at the end of this period the total was still below the large volume outstanding at the middle of the year. Loans chiefly for commercial purposes remained at a high level during the period and loans on securities showed further growth, reflecting a marked increase in the volume of loans to brokers and dealers in securities. Investments showed further decline. During the four weeks ending November 21, there was little change in the volume of reserve bank credit in use. Reserve banks' holdings of acceptances increased further and discounts for member banks declined.
During the last week of October and the first three weeks of November conditions in the money market were somewhat easier; the rate on four to six months commercial paper declined from a level of $51 / 2$ per cent to a range of from $51 / 4$ to $51 / 2$ per cent, and rates on call and time loans in the open market also declined slightly.

## BUSINESS CONDITIONS IN THE PHILADELPHIA FEDERAL RESERVE DISTRICT

Industry in the Philadelphia Federal Reserve District continues somewhat more than seasonally active. Business transactions generally have increased further since the middle of last month and exceed those of a year ago. The trend has been almost steadily upward since midsummer, while at the same time last year business activity failed to advance at the usual seasonal rate.

Retail trade shows considerable improvement, owing largely to cooler weather, larger earnings of factory workers, and the approach of the holiday season. Current sales are increasing and appear to be ahead of those of a year ago, according to early estimates. Sales in October were noticeably larger than in the preceding month and a year earlier, but inventories, while increasing seasonally, were smaller than a year ago. Improvement also is noted in most of the wholesale lines, sales advancing appreciably since early fall and in October exceeding in total those of a year before for the first time since May.

| BUSINESS INDICATORS <br> Philadelphia Federal Reserve District | October, 1928 | Latest figure compared with |  |
| :---: | :---: | :---: | :---: |
|  |  | Previous month | Year ago |
| Retail trade-estimated net sales (127 stores) | \$26,071,100 | + $29.5 \%$ | + $4.4 \%$ |
| Department stores (58)................... | \$21,154,900 | + 30.2 \% | + $3.1{ }^{\circ \prime}$ |
| Apparel stores (34) | .\$3,213,600 | + 32.5 " | + 6.4 " |
| Shoe stores (19).. <br> Credit stores (16) | . \$1,144,700 | + ${ }^{6.9}{ }^{\prime \prime}{ }^{\prime \prime}$ | + $0.3{ }^{\prime \prime}{ }^{\prime \prime}$ |
| Wholesale trade-net sales ( 123 firms ) | \$10,073,292 | + 14.6 " | + 3.6 " |
| Boots and shoes (6). | .. \$190,833 | - 5.0 " | -7.5" |
| Drugs (11) | .\$1,613,251 | + 10.2 " | + 3.5" |
| Dry goods (16) | .8907,788 | +12.3" | - 6.9 " |
| Electrical suppli | \$594,688 | + 22.1" ${ }^{\prime \prime}$ | +14.9" |
| Groceries (41) | \$3,623,865 | + 13.2 " | + 9.7" |
| Hardware (24) | \$1,912,233 | + 19.5" | - 2.3 " |
| Jewelry (11) | . \$560,525 | + 28.5" ${ }^{\prime \prime}$ | - 1.0" |
| Paper (10). | .8670,109 | + 12.4" | + 4.0 " |
| Productive activity: |  |  |  |
| Employment-803 plants in Penna | .265,561 | + 0.2 " | +0.3 " |
| Wage payments in above plants. | ....... $\$ 7,098,795$ | + 5.0 " | + 5.0 " |
| Shoe production* (89 factories) | prs. . . . . 1,476,211 | + $11.8{ }^{\prime \prime}$ |  |
| Hosiery production* (129 mills) | doz. prs. .1,683,450 | + 25.4 " |  |
| Wool consumption* (83 mills) | lbs...... 8,360,962 | + 17.9" |  |
| Active cotton spindle hours (Penna. and N. J | .........77,789,472 | + 29.7 " | - 10.0" |
| Pig iron production. | tons. . . . . . 328,348 | + 10.2 " | + 21.2 " |
| Iron casting production (39 foundries) | tons. . . . . . . . . 7,894 | + 19.0 " | + 30.3 " |
| Steel casting production (12 foundries) | tons. . . . . . . . 5, 5889 | + 36.8 " | + 68.9 " |
| Anthracite. | tons. . . . . 8,621,000 | + $42.8{ }^{\prime \prime}$ | + 17.2 " |
| Bituminous coal-Penna | tons. . . .12,330,000 | + $21.6^{\prime \prime}$ | +15.6" |
| Cement. | bbls......3,743,000 | + 3.9 " | -1.5" |
| Electric power output (12 systems) | KWH. . 533,011,000 | + $12.8{ }^{\prime \prime}$ | + $21.6^{\prime \prime}$ |
| Distribution: <br> Freight car loadings (Allegheny district-weekly average) <br> Tonnage of vessels (Port of Philadelphia).............. |  |  |  |
|  | ...........157,362 | + $3.0{ }^{\prime \prime}$ | + 6.5 ${ }^{\prime \prime}$ |
|  | tons. . . . $3,704,858$ | +3.2 " | + 2.7 " |
| Financial and credit: |  |  |  |
| Debits (18 cities). | .\$3,034,600,000 | + 15.5 " | + 16.0 " |
| Savings deposits ( 95 banks)................... | . \$688,949,900 | - $0.0{ }^{\prime \prime}$ | + 4.9 " |
| Bills discounted held by F. R. B. of Phila. (daily average) | \$93,700,000 | - 12.0" | +144.0" |
| Bankers' acceptances executed ( 8 banks for month ended November 10) |  |  | - $1.8{ }^{\prime \prime}$ |
| Commercial paper sales ( 5 dealers) | . $84,422,500$ | + $60.4 \times$ | - $49.0{ }^{\prime \prime}$ |
| Commercial failures-number. | $\cdots .113$ | + 71.2 " | +121.6" |
| Commercial failures-liabilities | \$2,713,365 | + 16.1 " | +184.9" |
| Building and real estate: |  |  |  |
| Building permits (16 cities) | .\$11,621,781 | - 0.9 " | - $4.8{ }^{\prime \prime}$ |
| Building contracts awarded (Philadelphia district)... | \$46,098,400 | + $1.0{ }^{\prime \prime}$ | + 34.7 " |
| Number of real estate deeds recorded (Philadelphia county) | \$....5,264 | +18.5" ${ }^{\prime \prime}$ | + 7.2" ${ }^{\prime \prime}$ |
| Miscellaneous: |  |  |  |
|  |  |  |  |  |
|  |  | - 0.7 " | $-38.1^{\text {a }}$ |
| Wholesale sales of automobiles (12 distributors) | $\$ 3,167,900$ | - 34.8" | - 11.7 ${ }^{\text {* }}$ |

## * Bureau of Census preliminary figures.

Railroad shipments of merchandise and miscellaneous commodities in this section have increased sharply since the middle of last summer and in October reached the largest volume shown for any month in the past four years. Total freight car loadings also have risen greatly, being only about two per cent below the record volume in October, 1926. Recently, however, the movement of goods by railroad has been slightly downward, reflecting the usual seasonal trend.

Check payments continue materially larger than is usual at this time, and in the first three weeks of November surpassed the volume for the corresponding period last year by about 16 per cent. In October they were the highest on record with the exception of May and June of this year.
Industrial production in most lines increased substantially during October and was larger than a year earlier. The rate of operation also continued high in the early part of November, but lately a slight seasonal recession has been noted. The
demand for workers by employers declined further from the August peak, although it remained materially in excess of last year.
Factory wage payments in Pennsylvania showed a gain of 5 per cent as compared with the preceding month and with October, 1927. A similar gain in the month also occurred in employe-hours worked. The number of workers, too, rose slightly, surpassing that of a year

earlier for the first time this year. The recovery in plant operations from the low seasonal level in July was quite pronounced and in striking contrast to the situation prevailing at the same time last year when employment declined almost steadily and payrolls showed little variation from the midsummer low point.
Consumption of electrical energy was noticeably larger in October than in September and exceeded that of a year ago. Shipments of bituminous coal increased sharply in the month, and production reached the largest volume since the early part of last year. The output of anthracite recently has been the largest since 1926.

Orders on the books of manufacturing firms have increased since the middle of last month and compare rather favorably with the volume of a year ago. Inventories of finished products are said to be generally smaller than last year.
Building operations, as measured by contracts, showed a slight gain during October, and were considerably larger than a year ago. The proposed expenditure under building permits, on the other hand, continued to decline. The real estate market for the most part is less active than last year.
The commercial loans of reporting member banks in the middle of November reached a point little short of the September high, reflecting sustained activity in business. Loans on securities, however, changed little in the month and investments declined. Borrowing from the Federal Reserve Bank decreased and the reserve ratio on November 21 was higher than at any time since May.

## FINANCIAL SITUATION

In the past month (from October 17 to November 21) some classes of money rates have eased slightly and federal reserve credit in use has declined.
Prevailing money rates. Slightly easier money rates are manifest in a decline in prime commercial paper from $51 / 2$ per cent a month ago to $51 / 4-51 / 2$ per cent and in a decrease in the average renewal rate for call money from 7.04 per cent in the first twenty-one days of October to 6.5 per cent in the same period in November. There has not been any change in the offering rate for bankers'


| $\begin{gathered} \text { CITY } \\ \text { CONDITIONS } \\ \text { Philadelphia Federal } \\ \text { Reserve District } \end{gathered}$ | Oct., 1928, compared with Oct., 1927 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  | $\underset{\text { ment }}{\text { Employ- }}$ | $\begin{gathered} \text { Wage } \\ \text { payments } \end{gathered}$ | Value of building permits | Debits | Savings deposits | Retail trade sales | Electric power sales |
| Allentown are | -6.0\% | $-5.6 \%$ | + $26.1 \%$ | + $2.8 \%$ | + $3.7 \%$ | - $0.6 \%$ | \%** |
| Altoona | + 3.7 | + 9.9 " | - 56.1 " | + 0.9 " | + 4.3" | +1.4" |  |
| Johnstown | -12.4" | + ${ }_{0.0}^{9.0}$ | + 30.3 " | -12.4" | + 0.5 " | -10.4" | $\because \dddot{7} .20{ }^{\text {a }}$ |
| Lancaster | -7.2" | -8.0" | - 57.3 " | +15.8" | +19.5" | +2.6" | +10.2" |
| Philadelphia | + 4.6 " | + 4.7 " | - 12.2 " | +19.5" | + 7.0 " | +5.1" | + 8.5" |
| Reading | + 0.9 " | + 8.3" ${ }^{\prime \prime}$ | + 26.8 " | +2.1" | + 1.9 " ${ }^{\prime \prime}$ | +12.6" | +45.7" |
| Scranton Trenton | + $2.4 \times 1{ }^{\prime \prime}$ | +6.8" | + 31.5 " | - 6.10 .2 " | -3.7 ${ }^{\prime \prime}$ | -1.2" ${ }^{\text {c }}$ " | +12.8" |
| Wirenton | -10.1" | -10.3" | -218.7 " | +11.5" | +5.1" | +1.9" |  |
| Williamsport | -4.5" | +4.6" | + 81.4" | -9.7" | -4.0" |  |  |
| Wilmington | +2.4" | +6.4" | - 37.0" | +4.4" | +6.0" ${ }^{\text {+ }}$ + ${ }^{\text {a }}$ " | +13.4 ${ }^{\text {c }}$ | $\begin{aligned} & +24.8 \\ & +15.5 \end{aligned}$ |

Oct., 1928, compared with Sept., 1928


* Includes Harrisburg, Wilkes-Barre and Williamsport areas. † Production (not sales). $\ddagger$ Include Camden area. § Included in Allentown area.
bills of the same maturity, which remains at $41 / 2$ per cent.


## Condition of federal reserve banks.

 The federal reserve system's holdings of purchased bills continued to increase in the past month, but member banks reduced their borrowings to such an ex-| Federal Reserve Bank of Philadelphia <br> (Dollar figures in millions) | $\begin{gathered} \text { Nov. 21, } \\ 1928 \end{gathered}$ | Changes in |  |
| :---: | :---: | :---: | :---: |
|  |  | Five weeks | One year |
| Bills discounted for member banks in Philadelphia.... <br> 20 other large cities. <br> Other communities:.......... | $\$ 33.3$23.413.4 | -\$12.1 | +\$22.2 |
|  |  |  |  |
|  |  |  |  |
|  |  | - . 1 | $+12.5$ |
|  |  | + 2.1 | + 1.0 |
| Total bills discounted Bills bought. . . . . . . United States securities. Other securities. | $\begin{array}{r} 70.1 \\ 22.1 \end{array}$ | $-\$ 10.1$ | $+\$ 35.7$ |
|  |  | + 3.6 | $-10.2$ |
|  | 21.7 | $+\quad 1.0$$+\quad .1$ | $-25.8$ |
|  |  |  | $+\quad .1$ |
| Total bills and securities. | \$114.0 | -\$5.4 | -\$ . 2 |
| Member banks' reserve deposits. . . . . | 135.1 | $-\quad .7$ | $-1.9$ |
| Fed. res. note circulation. | 129.2 | + . 9 | $-8.0$ |
| Cash reserve | $\begin{array}{r} 182.0 \\ 68.6 \% \end{array}$ | +7.4$+2.8 \%$ | $-7.4$ |
| Reserve ratio |  |  |  |

tent as to cause a decline of 37 millions in total bills and securities. Money in circulation is in about the same volume as a month ago, but in the past five weeks imports of gold through New York have exceeded exports by 23 millions, and member banks are carrying a somewhat smaller volume of reserve deposits. The reserve ratio of the systemrose from 67.3 to 68.4 per cent.
The condition of the Federal Reserve

Bank of Philadelphia also shows improvement. The need for currency in this district increased slightly, but the member banks gained in the settlements and reduced their borrowings without appreciably affecting the level of reserve deposits. The cash reserves of this bank rose from 174.5 to 182 millions and the reserve ratio from 65.8 to 68.6 per cent, establishing in both instances the highest points since May

Condition of member banks in this district. The commercial loans of reporting member banks increased and on

| Reporting member banks in twenty-one leading cities (In millions of dollars) | $\begin{aligned} & \text { Nov. } 14, \\ & 1928 \end{aligned}$ | Changes in |  |
| :---: | :---: | :---: | :---: |
|  |  | Four weeks | One year |
| Total loans and discounts: Philadelphia* Outside of Philadelphia $\dagger$ |  |  |  |
|  | 672.2 | $+2.1$ | +38.4 |
|  | 396.2 | + 5.2 | +31.1 |
|  | 1,068.4 | + 7.3 | +69.5 |
| Investments: Philadelphia* Outside of Philadelphia $\dagger$ |  |  |  |
|  | 285.7 | - 9.2 | -39.9 |
|  | 217.8 | - 4.1 | - 7.7 |
| Totals | 503.5 | -13.3 | -47.6 |
| Net demand deposits: Philadelphia* Outside of Philadelphia $\dagger$ |  |  |  |
|  | 589.1 | $+1.9$ | -58.3 |
|  | 249.6 | $+6.1$ | $-2.0$ |
| Totals. | 838.7 | $+8.0$ | -60.3 |
| Time deposits: Philadelphia* Outside of Philadelphia $\dagger . . . . .$. |  |  |  |
|  | 216.8 | + . 2 | $+4.0$ |
|  | 280.0 | $-2.0$ | - . 1 |
| Totals. . . . . . | 496.8 | - 1.8 | $+3.9$ |

* 32 banks. $\dagger 84$ banks.

November 14 were almost as high as in September. This renewed expansion of commercial loans doubtless reflects the upswing in business in this district which has been in such contrast with the comparative quiet in the last half of 1927, when commercial loans reached their high for the year in August. Loans on securities changed little. The total loans and discounts of 116 banks in twenty-one of the leading cities of the district totaled 1,068 millions in the middle of November, an increase of 7 millions in a month, which was paralleled by an increase of about 6 millions in net demand and time deposits. However, the banks' holdings of investments declined 13 millions.

In the following week (ending on November 21) member banks in Philadelphia and three other large cities report declines in loans and investments, chiefly because of a decrease in commercial loans, but an increase in deposits.

Commercial paper sales. Commercial paper sales in this district in October were somewhat larger than in September, but failed by a considerable sum to equal the volume of business a year ago.

| Commercial paper sales (5 dealers) | Sales to |  | Total sales |
| :---: | :---: | :---: | :---: |
|  | City banks | Country banks |  |
| 1928-July... | \$1,585,000 | \$1,462,500 | \$3,047,500 |
| Aug. | 1,717,500 | 1,530,000 | 3,247,500 |
| Sept. | 225,000 | 2,532,500 | 2,757,500 |
| 1927-Oct... | 1,147,500 | 3,275,000 | $4,422,500$ $8,667,500$ |
| 1927-Oct... | 4,330,000 | 4,337,50C | 8,667,500 |

Bill market activity. Acceptances executed by eight banks in Philadelphia declined from $\$ 5,144,000$ in the month ended October 10 to $\$ 5,017,000$ in the month of November 10, and also were in slightly smaller volume than a year ago. The amount outstanding shows increases in both the month and the year, totaling $\$ 14,642,000$ on November 10, as compared with $\$ 13,737,000$ a month before, and $\$ 13,896,000$ a year ago.
A total of $\$ 1,123,000,000$ of bankers' acceptances was outstanding in this country on October 31, as compared with $\$ 975,000,000$ last year. Bills covering imports and exports, dollar exchange, and goods stored in or shipped between foreign countries are in larger volume than a year ago, but those covering domestic shipments and domestic warehouse credits are in smaller amount.

Securities market. Trading in stocks recently has reached record totals. Brokers' loans expanded further in the past month, topping 5 billions on November 21. The increase since the middle of October has amounted to almost 500 millions, nearly half of which was supplied by reporting New York city banks. Their contribution to the total still is smaller by 385 millions than at the beginning of the year, but loans for out-of-town
banks are larger by approximately the same amount.
New capital issues (refunding excluded) increased from 499 millions in September to 739 millions in October. This compares with an increase from 535 to 856 millions in the same months of 1927. Corporate issues in October, 1928 were somewhat larger than a year earlier, but foreign government and farm loan issues were much smaller.

## INDUSTRIAL CONDITIONS

Manufacturing. Demand for manufactured products has continued active during the past four weeks. Sales generally have increased further since the middle of last month and compare favorably with the volume of business at the same time last year. Despite some variations, prices of finished goods in the main have been fairly stable.

Manufacturers of fabricated metal products have experienced a continued rise in demand and sales, which have exceeded not only last month's volume but also that of a year ago. Among those consumers of iron and steel products that purchased most actively during the month were railroads, construction companies, foundries, manufacturers and jobbers. Quotations for finished products and raw materials have advanced somewhat since last month.

The market for textile products also has improved further and sales generally have been close to the volume of a year ago. Buying of wool fibers and yarns is more active than was the case last month and a year ago. Cotton, silk, and woolen and worsted goods also continue in good demand, showing moderate gains lately. Business in hosiery, particularly full-fashioned, is excellent. Floor coverings, too, show material betterment.

Prices of cotton fibers have shown strength lately, a fact which is being reflected in piece goods. In sympathy with raw wool, quotations for woolen and worsted yarns and fabrics are fairly strong, showing an upward tendency, while those for silk fibers and products have eased off slightly. Hosiery and floor coverings show virtually no change.

Business in shoes, though fair, has slackened a little seasonally, and prices have receded slightly from the level of a month ago. This is also true of the leather market. The demand for paper, while more active than last year, shows little change in the month. Sales of cigars are naturally active at this time, the volume having increased as compared with a month and a year ago.
The market for building materials is fair, although less active than last month. Prices of lumber and plumbing supplies have advanced while those of paint declined. Quotations for brick and cement show little change.

Advance business on the books of reporting manufacturers has increased, and
comparisons with a year ago also are rather favorable. Manufacturers of iron and steel and most of the textile products especially report gains. Unfilled orders of the United States Steel Corporation at the end of October totaled $3,751,030$ tons, a gain of 1.4 per cent over the preceding month and 12.3 per cent over a year earlier. Orders on the books of foundries at the end of the month showed a decrease for iron castings but an increase for steel castings from the previous month. Compared with a year ago, however, forward business in both was noticeably larger.
The volume of output has continued large, and plant operations in many lines have expanded further since the middle of last month, comparing more than favorably with the rate prevailing at the same time last year. While the demand for workers by employers declined recently, it remained greatly in excess of that existing in the late fall last year.

Factory payrolls in Pennsylvania during October increased 5 per cent as compared with the preceding month and a year before. Employment also rose slightly and surpassed that of last year for the first time in the past ten months. Employe-hours worked likewise showed a gain of nearly 5 per cent over the September level. From the usual low level in July employment rose more than 4 per cent by October and wage payments increased 14 per cent, indicating a pronounced recovery in productive activity.

Consumption of electrical energy in October by industries in the district increased further and was more than 11 per cent larger than a year earlier. Total sales of electricity also showed a gain of over 6 per cent in the month and nearly 24 per cent in the year. The output of electric power by 12 central stations was almost 13 and 22 per cent, respectively, larger than a month and a year before. Detailed comparisons follow:

| ELECTRIC POWERPhiladelphia Federal Reserve District 12 systems | October, 1928 change from |  |
| :---: | :---: | :---: |
|  | Oct. <br> 1927 | Sept., 1928 |
| Rated generator capacity. | + $25.1 \%$ | $0 \%$ |
| Generated output. | + $21 .{ }^{\prime \prime}{ }^{\prime \prime}$ | +12.8 ${ }^{\text {u }}$ |
| Hydro-electric | +203.6" | -23.4" |
| Steam. | + 14.4" | +21.4" |
| Purchased | + 11.5 " | + $7.5^{\prime \prime}$ |
| Sales of electricity | + 23.6" | + 6.3 " |
| Lighting. | + $12.3^{\prime \prime}$ | +9.0" |
| Municipal | + 8.5" | +17.6" |
| Residential and commercial. | + 12.9 ${ }^{\text {a }}$ |  |
| Power.. | + $13.8{ }^{\prime \prime}$ | + $2.7{ }^{\text {u }}$ |
| Municipal............. | $+326.0^{\circ "}$ | -4.3" ${ }^{\text {a }}$ |
| Street cars and railroads | $\begin{aligned} & 13.5^{u} \\ & \hline \end{aligned}$ | +9.9 ${ }^{\text {a }}$ |
| Andustries. | + $11.2^{\text {a }}$ | +17.2" |
| All other sales | + 90.0" | +17.9 ${ }^{\text {a }}$ |

Operations of metal fabricating plants have experienced a further expansion in the volume of output, in striking contrast to a contraction occurring at the same time last year. From the low seasonal point in July operations of these plants

| EMPLOYMENT ANDWAGESin Pennsylvania | No.ofplantsre-port-ing | $\begin{gathered} \text { EMPLOYMENT } \\ \text { Oct., } 1928 \end{gathered}$ |  |  | $\begin{gathered} \text { PAYROLLS } \\ \text { Oct., } 1928 \end{gathered}$ |  |  | AVERAGE WEEKLY EARNINGS week ended |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Oct., index* | Per cent change since |  | Oct., index* | Per cent change since |  |  |  |
|  |  |  |  |  | $\begin{aligned} & \text { Oct. } \\ & 15, \\ & 1928 \end{aligned}$ |  |  | $\begin{gathered} \text { Sept. } \\ 15, \\ 1928 \end{gathered}$ |
|  |  |  | $\begin{aligned} & \text { Oct., } \\ & 1927 \end{aligned}$ | Sept., <br> 1928 |  | $\begin{aligned} & \text { Oct., } \\ & 1927 \end{aligned}$ | Sept., 1928 |  |
| All manufacturing industries (51). | 803 | 89.5 | + 0.3 | $+0.2$ | 95.2 | $+5.0$ | + 5.0 | \$26.73 | \$25.51 |
| Metal products. | 235 |  | $+6.7$ | 0.0 | 97.4 | +18.6 | + 7.2 | 29.23 | 27.28 |
| Blast furnaces | 94410 | 88.9 40.7 | -28.1 | $=0.5$ |  | -24.8 |  | $29.45$ | ${ }_{27}^{29.17}$ |
| Steel wks. \& rolling m |  | 77.089.0 | +19.8 |  | 43.3 | +9.9 +9.9 |  | $30.17$ |  |
| Iron and steel forgings | 10 |  |  | - 0.4 +4.5 +1.5 |  | $\begin{array}{r} +31.8 \\ +16.5 \end{array}$ | $\begin{array}{r} +8.6 \\ +\quad .7 \end{array}$ | $\begin{aligned} & 27.74 \\ & 29.42 \end{aligned}$ | $\begin{aligned} & 27.67 \\ & 26.42 \end{aligned}$ |
| Steam \& hot water ht | 7 | 109.1 | $\begin{array}{r} +13.9 \\ +\quad 6.5 \end{array}$ | $\begin{aligned} & \pm 1.5 \\ & \hline 1.4 \end{aligned}$ | $1 \begin{aligned} & 101.9 \\ & 116.3\end{aligned}$ |  | +3.8+25.2 | $\begin{aligned} & 29.42 \\ & 30.34 \end{aligned}$ | $\begin{array}{\|l\|l} 26.42 \\ 26.80 \end{array}$ |
| Stoves and furnaces. | 38 |  | + 7.4+1.3 | +11.3 | $\begin{aligned} & 96.8 \\ & 91.1 \end{aligned}$ | $\begin{array}{r} 1.9 \\ +11.4 \end{array}$ |  | 30.34 32.57 | ${ }_{28}^{28.35}$ |
| Foundries. |  | $84.8$ |  | -3.7 |  |  | $\begin{array}{r} +25.2 \\ +\quad 3.6 \end{array}$ | 28.9831.37 | 28.96 26.81 |
| Machinery and | 40 | $\begin{array}{r} 84.8 \\ 103.6 \end{array}$ | +10.6+112.1 | + 0.5+1.0 |  | $\begin{array}{r} 11.0 \\ +114 \end{array}$ | $\begin{array}{r} +3.6 \\ +2.6 \end{array}$ |  | $\begin{array}{r} 26.81 \\ 30.74 \end{array}$ |
| Electrical apparat |  | 209.3 |  |  | 240.5 | +107.1 | + 7.2 | 26.09 | $\begin{aligned} & 34.74 \\ & . \end{aligned}$ |
| Engines and pump | 10 | 97.781.5 | $\begin{array}{r} 9.0 \\ +9.0 \end{array}$ | + | $\begin{array}{r} 108.9 \\ 87.2 \\ 100.6 \end{array}$ | +19.8+3.9 | +9.1$+\quad 9.8$$+\quad 0.2$ |  |  |
| Hardware and tools |  |  |  | -0.4 |  |  |  | 24.7224.21 | ${ }_{25.57}^{23.99}$ |
| Brass and bronze p | 11 | 110.1 | $\begin{array}{r} -3.8 \\ +28.3 \end{array}$ |  |  | +19.5 |  |  |  |
| Transportation equipment... | 40 | $66.1 \dagger$ | +17.3 | - 2.5 | $64.9 \dagger$ | -19.5 | - 2.0 | 28.55 | 28.40 |
| Automobiles. | 11 | 89.9 | $\begin{array}{r} +32.0 \\ +22.3 \end{array}$ | $\begin{array}{r} 0.0 \\ -5.0 \end{array}$ | 92.2 | $\begin{array}{r} +39.3 \\ +47.5 \end{array}$ | $+2.3$ | 29.61 | ${ }_{30}^{28.90}$ |
| Auto. bodies and |  | 84.0 |  |  |  |  |  | 32.41 |  |
| Locomotives and | 13 | 54.480.9 | -26.8 | $\begin{array}{r} -5.5 \\ -4.1 \end{array}$ |  | $\begin{aligned} & +47.5 \\ & { }_{-30.7} \end{aligned}$ | - 8.8 | 25.81 | 30.73 27.17 |
| Railroad repair |  |  | -48.2 | +4.4+4.8 | $\begin{aligned} & 86.6 \\ & 23.1 \end{aligned}$ | $\begin{aligned} & -0.3 \\ & -47.4 \end{aligned}$ | +15.3-5.7 | $\begin{aligned} & 28.36 \\ & 27.86 \end{aligned}$ | $\begin{aligned} & 25.67 \\ & 31.02 \end{aligned}$ |
| Shipbuildi | 4 | 24.1 |  |  |  |  |  |  |  |
| Textile products. <br> Cotton goods. <br> Woolens and worsteds. <br> Silk goods. <br> Textile dyeing \& finishing <br> Carpets and rugs <br> Hats. <br> Hosiery. <br> Knit goods, other. <br> Men's clothing. <br> Women's clothing <br> Shirts and furnishings. | 163 | 96.7 | $-2.7$ | + 2.3 | 107.0 | - 3.4 | + 7.2 | 22.84 | 21.79 |
|  | 15 | $\begin{array}{r} 79.6 \\ 88.6 \end{array}$ | -15.5 | $\begin{array}{r} \quad .5 \\ +4.5 \\ +4.1 \end{array}$ | 82.8 | -12.2 | $\begin{array}{r} +12.0 \\ +\quad 8.4 \end{array}$ | 24.14 | 21.79 |
|  |  |  | -10.9 |  | 91.7 | -14.9 |  | 22.03 | 21.14 |
|  | 39 | 100.6 | + 2.4 | + 2.3 | 107.6 | + 3.6 | + 6.6 | 19.59 | 18.79 |
|  |  | 117.0 | 0.0 | + 3.4 | 133.2 | + 6.9 | +6.3 | 27.14 | 26.43 |
|  | 10 | 83.7 | - 6.1 | + 5.7 | 86.3 | -9.3 | +18.5 | 26.03 | 23.21 |
|  |  | 96.2 | + 0.1 | $-0.4$ | 90.7 | -10.6 | -6.7 | 24.02 | 25.64 |
|  | 27 | 109.3 | - 4.3 | + 0.6 | 143.3 | $-2.4$ | + 7.4 | 29.34 | 27.49 |
|  | 15 | 92.3 | +13.0 | + 7.7 | 104.7 | +19.8 | +23.9 | 20.07 | 17.42 |
|  | 10 | 85.4 | $-20.6$ | -9.7 | 83.3 | $-24.1$ | -11.9 | 19.30 | 19.78 |
|  | 9 | 106.3 | +6.3 | -3.8 | 112.0 | + 7.7 | -3.2 | 15.08 | 14.96 |
|  | 11 | 95.4 | + 3.2 | + 3.4 | 96.5 | 6.4 | + 8.2 | 16.31 | 15.55 |
| Foods and tobac | 102 | 102.1 | + 1.6 | + 2.9 | 104.1 | + 2.5 | + 4.1 | 20.77 | 20.52 |
| Bread \& bakery | 30 | 105.3 | $-3.7$ | + 1.0 | 100.8 | $-4.5$ | + 1.5 | 28.82 | 28.66 |
| Confectionery | 14 | 105.3 | +0.7 | + 8.3 | 120.0 | +3.8 | +18.7 | 20.21 | 18.43 |
| Ice cream | 11 | 84.5 | - 1.7 | -11.7 | 93.9 | +3.2 | -8.3 | 32.88 | 31.67 |
| Meat pack | 14 | 99.1 | +2.0 | +4.1 | 100.4 | + 3.4 | + 3.6 | 29.71 | 29.84 |
| Cigars | 33 | 103.6 | + 0.6 | + 3.1 | 104.4 | $-0.9$ | + 2.4 | 14.88 | 14.99 |
| Stone, clay \& glass pro | 66 |  | -12.2 | - 1.7 |  |  |  |  | 26.66 |
| Brick, tile and | 30 | 88.3 | -12.2 | - 1.7 | 86.4 90.4 | - 8.9 | + 5.6 | 25.43 | 24.01 |
| Ceme | 14 | 76.3 | -23.5 | - 2.8 | 87.4 | -19.2 | +2.8 | 33.29 | 31.52 |
| Gla | 22 | 90.4 | $-0.9$ | - 0.1 | 89.9 | +1.8 | +11.1 | 26.68 | 23.98 |
| Lumber products | 43 | 84.6 | - 5.1 | 0.0 | 91.6 | - 2.4 | + 3.5 | 23.11 | 22.36 |
| Lumber and pla | 17 | 73.4 | - 4.4 | -7.3 | 79.1 | - 3.4 | $-2.1$ | 22.14 | 20.96 |
| Furniture. | 20 | 92.4 | $-2.8$ | +8.7 | 101.4 | +2.1 | +10.2 | 26.01 | 25.64 |
| Wood | - | 111.9 | -13.9 | +1.3 | 119.7 | -16.5 | -1.6 | 17.24 | 17.73 |
| Chemical products | 48 | 98.0 | $+4.1$ | $+0.1$ | 106.3 | $+2.3$ | + 2.4 | 29.02 | 28.39 |
| Chemicals and dr | 28 | 93.9 | + 7.3 | - 0.2 | 95.7 | + 5.0 | + 2.4 | 27.19 | 26.50 |
| Coke |  | 118.9 | $\begin{array}{r}\text { + } \\ + \\ + \\ \hline\end{array}$ | +0.8 | 123.2 | + 7.3 | + 2.8 | 29.23 | ${ }_{28}^{28.72}$ |
| Explosives. | 3 | 133.3 | +8.8 | +10.8 | 121.8 | +0.6 | + 7.9 | 25.25 | ${ }_{25}^{25.93}$ |
| Paints and | 9 | 127.8 | $\begin{array}{r}+6.9 \\ +6.9 \\ \hline\end{array}$ | +3.9 | 137.0 | - 5.6 | +12.9 | 27.70 | 25.47 |
| P | 5 | 87. | + 3.3 | + | 96 | + 1.3 | 0.0 | 30.07 | 29 |
| Leather and rubber $p$ | 49 | 97.4 | $-2.2$ | - 1.4 | 103.7 | $-2.9$ | $-1.0$ | 23.54 | 23.22 |
| Leather tanning | 17 | 103.6 | - 2.6 | - 1.0 | 108.5 | - 3.8 | - 1.3 | 25.76 | 25.85 |
| Shoes....... ${ }^{\text {a }}$ | 22 | 88.5 | - 6.6 | - 3.9 | 92.5 | -8.1 | -1.3 | 19.03 | 18.05 |
| Leather products, | 6 | 124.6 | +38.8 | +8.3 | 121.0 | +42.5 | +11.0 | 22.33 | 21.79 |
| Rubber tires an | 4 | 78.5 | $-7.4$ | + 0.4 | 92.7 | -10. | 5.0 | 29.22 | 30.85 |
| Paper and printing. | 57 | 94.4 | $-1.9$ | $+1.0$ | 108.7 | + 3.9 | + 4.9 | 30.25 | 29.11 |
| Paper and wood pul | 13 | 83.8 | $-4.1$ | $-0.6$ | 98.5 | +2.6 | +6.9 | 30.19 | 28.05 |
| Paper boxes and ba | 6 | 101.0 | - 6.0 | + +3.1 $+\quad .3$ | 124.0 | -2.7 | +12.6 | 15.98 | 14.63 |
| Printing and publis | 38 | 106.7 | + 1.7 | +2.3 | 118.4 | + 6.1 | +2.7 | 33.06 | 32.91 |
| Anthracite |  | 112.8 | $-5.8$ | $+1.8$ | 119.8 |  |  |  |  |
| Construction and contracting | 30 | 105.1 | - 3.0 | + 1.2 | 98.3 | +3.1 | +9.6 | ${ }_{27} 27.53$ | 25.32 |
| Street railways | 58 | 97.5 100.0 | +3.4 | +1.7 | 102.6 | +1.6 | +0.3 | 34.01 | 33.29 |
| Wholesale trade | ${ }_{94} 9$ | 107.7 | 二 0.4 | + +3.6 +3.1 |  |  |  |  |  |
|  |  |  |  | + 3.1 |  |  |  |  |  |

* 1923-1925 average $=100 . \quad \dagger$ Preliminary figures.
rose about 21 per cent, and in October were almost 19 per cent above the rate of a year ago, according to indices afforded by the volume of wage payments.

Daily production of pig iron in this district was nearly 7 per cent larger in October than in September and over 21 per cent ahead of last year. An identical
rate of increase also was reported for the country. Daily output of steel ingots, too, showed a gain of almost 4 per cent in the month and 35 per cent in the year. Comparisons are shown on the next page. Production of iron and steel castings increased substantially in the month and as compared with October, 1927.


Page Five

| Iron and steel (Daily output) | Oct., <br> 1928 (gross tons) | Change from Sept., 1928 | $\begin{aligned} & 10 \text { mos., } \\ & \text { 1928, } \\ & \text { compared } \\ & 10 \text { mos., } \\ & 1927 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Pig iron: |  |  |  |
| United States | 108,832 10,592 | $+21.2 \%$ +21.2 | + $0.5 \%$ |
| Steel ingots: |  |  |  |
| United States | 172,144 | +35.0" | +11.6" |

Source: Iron Age.
The majority of textile lines have enjoyed an advancing rate of activity since the middle of last month, plant operations at nearly 80 per cent of capacity showing a rise of about 5 per cent. The sharpest gains occurred in the production of cotton fabrics, wool yarns, hosiery, and floor coverings. The output of hosiery increased more than 25 per cent from September to October. Consumption of wool fibers also rose nearly 18 per cent in the month, and the mill takings of carpet wool increased almost 19 per cent. National deliveries of silk fibers, too, were larger than last month and a year ago.
Activity in the shoe and leather industries shows a slight seasonal let down, although plants preparing kid leather report a high rate of operation. No marked change has occurred in the activity of cigar and paper plants, both lines working at a fairly high rate.

Production of building materials naturally has slackened a little, plant operations at 70 per cent of capacity showing a drop of about 8 per cent from the level of last month. The output of cement, however, was almost 4 per cent larger in October than September, but was nearly 2 per cent less than a year before.

Stocks of finished goods carried by manufacturers generally remain moderate, and in most lines they show declines from those of the month before. Compared with a yeą ago, supplies of manufactured goods in the main are smaller.

Supplies of textile fibers as a whole, while ample for current needs, have been reduced lately. Raw silk held in the principal warehouses in New York City dropped about 2 per cent from September to October and was nearly 21 per cent

| Raw wool stocks (Figures in thousands of pounds) | $\begin{gathered} \text { Sept. 30, } \\ 1927 \end{gathered}$ | $\begin{gathered} \text { June } 30, \\ 1928 \end{gathered}$ | $\begin{aligned} & \text { Sept. 29, } \\ & 1928 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Held by dealers in Philadelphia... | 21,133 | 16,904 | 17,202 |
| United States.. | 166,067 | 194,262 | 193,806 |
| Held by manufacturers in: |  |  |  |
| Middle Atlantic section..... | 63,576 | 59,790 | 54,648 |
| United States.. | 141,718 | 141,248 | 128,352 |
| Total grease equivalent in the United States. . | 357,107 | 385,407 | 369,816* |

## Source: Department of Agriculture.

* Of the total amount of raw wool, 71.4 per cent was domestic and 28.6 per cent was for29.7 per cent foreign on September 30, 1927.
smaller than on the same date last year. Stocks of raw cotton in consuming establishments, public storage, and at compresses in the country also were smaller at the end of October than those of a year earlier. Wool stocks held by Philadelphia dealers on September 29, while slightly larger than three months before, were about 19 per cent below those on the corresponding date last year. Supplies of wool carried by manufacturers in this section were about 8 per cent less than at the end of the second quarter and 14 per cent smaller than a year earlier. Details are given in the accompanying table.

Building and real estate. Construction activity has continued in large volume. The value of contracts again increased slightly in October and was considerably larger than in the same month last year. The upward trend in residential contracts has been especially pronounced in recent months. Increases in all contract awards during the month were principally due to enlarged operations in eastern Pennsylvania and southern New Jersey, Delaware showing a decline. The value of building permits in 16 cities of this district continued to decline for the fourth successive month, after a steady advance in the previous six months. Comparisons follow:

| Building operations | $\begin{gathered} \text { Oct., } 1928 \\ \text { (000 } \\ \text { omitted) } \end{gathered}$ | $\begin{gathered} \text { Change } \\ \text { from } \\ \text { Oct. } \\ 1927 \end{gathered}$ | $\begin{gathered} 10 \text { mos., } \\ 1928, \\ \text { compared } \\ \text { with } \\ 10 \text { mos., } \\ 1927 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Contract awards: Phila. District: |  |  |  |
|  | \$46,098 | +34.7\% | + 3.5\% |
| Residential.: | -24,110 | +49.5* | +25.9 ${ }^{\text {c }}$ |
| United States: Total ...... |  | + 6.1 " | + 6.9 " |
| Residential. . | 239,692 | -1.6" | +12.6 ${ }^{\prime \prime}$ |
|  |  |  |  |
| Phila. District (16 cities)... | 11,622 | - 4.8 " | - 3.7 " |
| United States (585 cities).. | 293,007 | - 1.1 " |  |

Sources: F. W. Dodge Corp. and S. W. Straus \& Co.
The real estate market remains rather quiet. Demand for practically all grades of houses, while fair, is less active than at the same time last year. Nor has there been much improvement lately in the renting demand for houses and apartments, although those dwellings letting at from $\$ 30$ to $\$ 60$ a month have shown some activity. Rents generally have decreased during the past three months and are lower on both houses and apartments than a year ago. From 10 to 30 per cent of the present construction of residential building is in apartments, while the remaining volume consists largely of houses for sale.
Prospective home buyers are having no difficulty in obtaining funds for their purchases. The volume of financing for new commercial construction shows little
change as compared with a year ago. The bulk of the loans now being made are on houses built for owners. Interest rates on mortgages have remained unchanged in the past three months. The number of deeds recorded in Philadelphia county in the first ten months of this year exceeded somewhat the volume in the same period last year, but foreclosures have continued at a very high rate ever since 1925.
Coal. Demand from householders for anthracite remains strong, owing largely to the continuance of cooler weather. Sales have increased further since the middle of last month, and prices have stiffened. Many collieries are operating close to capacity, and the output in October was the largest since 1926. During the four weeks ended November 17 production totaled $6,845,000$ tons, a decrease of nearly 12 per cent from the previous four weeks but a gain of 1 per cent over a year earlier.


Source: Bureau of Mines
Improved conditions in industries generally have stimulated the market for bituminous coal, sales again having increased during the month. Mine operations in October reached the highest level since the spring of last year. The output in the country in the four weeks ended November 17 totaled $43,852,000$ tons, a loss of nearly one per cent from the preceding four weeks but a gain of almost 14 per cent as compared with the same period last year.

Agriculture. Farm operations in this district have been greatly favored by good weather, and harvesting of late crops has been practically completed. Fall plowing is fully up to normal. The acreage planted to winter wheat appears to be a trifle smaller than last year, but the stand is good, excelling that of last season. The condition of cover crops is satisfactory and is better than that in November, 1927. Livestock measures up to the normal November condition. The slaughter of hogs has increased somewhat in the month, and the number of hogs marketed also was larger than last season.

Preliminary figures on production of the leading crops in the district and the country follow :

| Crop estimates <br> (Figures in thousands of units) | $\begin{aligned} & 1927 \\ & \text { yield } \end{aligned}$ | Preliminary 1928 | $\begin{gathered} \text { Per } \\ \text { cent } \\ \text { change } \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Phila. Fed. Res. Dist. |  |  |  |
| Corn. . . . . . (bus.) | 45,929 | 47,638 | $+3.7$ |
| Oats........ ${ }^{\text {a }}$ | 24,844 | 21,427 | -13.8 |
| $\begin{aligned} & \text { Potatoes- } \\ & \text { white..... } \end{aligned}$ | 25,998 | 30,857 |  |
| Tobacco..... (lbs.) | 44,880 | 47,250 | + 5.3 |
| Hay-tame..(tons) | 3,636 | 3,398 | $-6.5$ |
| United States: |  |  |  |
| Corn. . . . . . (bus.) | 2,773,708 | 2,895,449 | + 4.4 |
| Oats........ " | 1,184,146 | 1,452,966 | +22.7 |
| $\begin{aligned} & \text { Potatoes- } \\ & \text { white..... } \end{aligned}$ | 406,964 | 465,651 |  |
| Tobacco...... (lbs.) | 1,195,880 | 1,346,566 | +12.6 |
| Hay-tame..(tons) | 106,468 | -92,688 | -12.9 |

Source: Deparment of Agriculture.

## DISTRIBUTION

The volume of railroad traffic in the Allegheny district continues well ahead of last year, although lately it has begun to show the usual seasonal recession. Shipments of all commodities in October reached the customary peak for the year and exceeded those shown for any previous month since October, 1926. Freight car loadings of merchandise and miscellaneous commodities also have risen sharply since midsummer, and in October attained the largest volume reported for any month in the past four years.

The tonnage of vessels entering and departing the Port of Philadelphia in October was about 3 per cent larger than in the preceding month and a year before, the gain in foreign trade since October, 1927 being somewhat more pronounced than that in the coastwise and intercoastal trade.

Sales of ordinary life insurance in this section have turned more than seasonally upward in recent months, and in October the total volume was nearly 37 per cent larger than in September and over 18 per cent greater than in October, 1927.


Source: American Railway Association
Retail trade. Preliminary reports indicate a seasonally growing demand in most lines of retail trade, sales showing considerable gains since the middle of last month. Prices generally continue unchanged.
Sales during October showed a gain of nearly 30 per cent over the preceding month and were more than 4 per cent above the volume in October, 1927. All
lines shared in this increase as compared with a year earlier, except apparel stores outside of Philadelphia. The largest gains were reported by credit stores, and department and women's apparel stores in Philadelphia. All city areas, except Altoona and Harrisburg, experienced larger sales in the month. Compared with a year before, Wilmington, Reading, and Philadelphia reported the largest gains.

Inventories held by retailers at the end of the month increased seasonally but were almost 8 per cent smaller than on the same date last year. The rate of turnover increased somewhat in the month and in the year.

Wholesale trade. Business at wholesale continues fairly active in most lines. Sales of drugs, drygoods, groceries, electrical supplies, and hardware have increased further since the middle of last month, while those of shoes, jewelry, and paper have shown little variation. Prices remain unchanged, except for groceries which have advanced further since last month.

The volume of wholesale business increased in October for the third successive month, the gain over September being 14.6 per cent; it also exceeded that of a year earlier by nearly 4 per cent, after an unfavorable comparison shown by the previous four months. All lines save shoes experienced a larger amount of sales in comparison with the preceding month, and drugs, electrical supplies, gro-
ceries, and paper also had larger business than a year before, while the remaining four lines reported declines.
Inventories carried by dealers generally declined in the month and were smaller than on the same date last year in four out of six lines. Accounts outstanding increased in all lines except paper, but compared with a year ago, groceries and



| WHOLESALE TRADE <br> Philadelphia Federal Reserve District | Net sales, Oct., 1928, compared with |  | Stocks, Oct. 31, 1928, compared with |  | Accounts outstanding, Oct. 31, 1928, compared with |  | Ratio of accounts out-standing to sales, Oct., 1928 | Collections, Oct., 1928, compared with |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Oct., 1927 | Sept., 1928 | $\begin{gathered} \text { Oct. 31, } \\ 1927 \end{gathered}$ | $\begin{gathered} \text { Sept. } 30 \\ 1928 \end{gathered}$ | $\begin{gathered} \text { Oct. 31, } \\ 1927 \end{gathered}$ | $\begin{gathered} \text { Sept. } 30, \\ 1928 \end{gathered}$ |  | $\begin{aligned} & \text { Oct., } \\ & 1927 \end{aligned}$ | Sept., 1928 |
| Boots and shoes. | 7.5\% | - $5.0 \%$ |  |  | $-9.9 \%$ | $+1.2 \%$ | 375.8\% | + $2.6 \%$ | +44.3\% |
| Drugs. . . . . . . . . | + 3.5 " | +10.2 |  |  | - 4.4 " | + 0.7 \% | 144.6 " | + 2.3 " | 15.0 |
| Dry goods. | -6.9" | +12.3" | -10.4\% | $-5.2 \%$ | $3.1{ }^{\prime \prime}$ | + 9.0" | 242.2 " | -8.0 ${ }^{\prime \prime}$ | +26.2" |
| Electrical supplies | +14.9" | +22.1" | -13.9" | -10.0" | $\cdots$ | +27.1" | 133.2 " | $\cdots$ | +5.7" |
| Groceries. ....... | + 9.7" ${ }^{\text {c }}$ | +13.2" ${ }^{\prime \prime}$ | + $3.4{ }^{\prime \prime}$ | + 8.7" | +1.3" | + 2.7" ${ }^{\prime \prime}$ | 116.8" | +5.1" | +14.2" |
| Hardware. Jewelry. | - 2.3 " ${ }^{\prime \prime}$ | +19.5" | + $5.6^{\prime \prime}$ | - $2.4{ }^{\prime \prime}$ | - 5.2 " ${ }^{\prime \prime}$ | +5.8" | 184.4" | - 8.6" ${ }^{\prime \prime}$ | -7.2" ${ }^{\text {¢ }}$ " ${ }^{\text {c }}$ |
| Paper. | + 4.0 " | +12.4 ${ }^{\text {c }}$ | - $0.4 \times$ | + 2.3 " | + $4.1{ }^{\prime \prime}$ | -3.8" | 137.6" | +12.3" | 20.6 " |


| AUTOMOBILE TRADE <br> Philadelphia Federal Reserve District 12 distributors | October, 1928, change from |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | October, 1927 |  | September, 1928 |  |
|  | Number | Value | Number | Value |
| Sales, new cars, wholesale | ${ }_{-44.8 \%}$ | -11.7\% | - $44.3 \%$ | -34.8\% |
| Sales, new cars, at retail. | -44.8" | -188.1 ${ }^{-38}$ | $\pm{ }^{+29.8}{ }^{\prime \prime}$ | - 2.2 " |
| Sales of used cars. | +12.1" | +17.8" | -13.3" | -20.0" |
| Stocks of used cars. | +20.5" | +23.2" |  | -13.0" |
| Retail sales, deferred payment | +13.2" | +14.9 " | +5.2" | + 0.2 " |

paper alone reported a larger volume. Collections showed a considerable gain during the month; in contrast with last year, shoes, drugs, groceries, and paper also showed a gain in the settlement of accounts, while the remaining three lines indicated decreases.

Automobile trade. Retail sales of new passenger cars by 12 distributors showed a slight increase in number, though not in value, from September to October but were considerably smaller than in the same month last year. Distribution at wholesale fell off materially in number and value as compared with the previous month and a year earlier. Sales of used cars, while declining in the month, were well ahead of last year. Purchases at retail on deferred payment showed gains in the month and year.

Inventories of new cars at the end of
the month declined but were substantially larger than those held on the same date last year. This is also true of stocks of used cars.

## COMMODITY PRICES

Wholesale prices have declined during the month, although they still remain above the level of a year ago. Fisher's index, on November 23 was 97.3 per cent of the 1926 average as against 99.0 in October and 96.4 in November, 1927.
The general level of wholesale commodity prices in October declined more than 2 per cent from September but was about three-fourths of one per cent higher than in October, 1927, according to indexes compiled by the Bureau of Labor Statistics. Farm products, foods, hides and leather products, fuel and lighting, and house furnishing goods declined, while textile products, metals and metal prod-

| Index numbers of wholesale commodity prices $(1926=100)$ | $\begin{aligned} & \text { Oct., } \\ & 1927 \end{aligned}$ | $\begin{aligned} & \text { Sept., } \\ & 1928 \end{aligned}$ | $\begin{aligned} & \text { Oct., } \\ & 1928 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| All commodities. | 97.0 | 100.1 | 97.8 |
| Farm products. | 105.0 | 108.8 | 103.5 |
| Foods. | 100.0 | 106.9 | 102.3 |
| Hides \& leather products | 113.0 | 120.7 | 117.5 |
| Textile products. | 98.4 | 95.6 | 96.1 |
| Fuel and lighting | 83.8 | 85.1 | 84.9 |
| Metals and metal products. | 97.1 | 100.5 | 101.0 |
| Building materials | 91.6 | 94.7 | 95.0 |
| Chemicals and drugs | 97:1 | 95.1 | 95.6 |
| House-furnishing goods | 98.5 | 97.2 | 96.5 |
| Miscellaneous. | 88.3 | 79.7 | 80.3 |
| Raw materials. . . . . . . | 99.5 | 100.5 | 97.4 |
| Semimanufactured articles. | 97.6 | 96.9 | 96.9 |
| Finished products. . . . . | 95.5 | 100.5 | 98.5 |
| Nonagricultural commodities. | 94.8 | 97.8 | 96.4 |

ucts, building materials, chemicals and drugs, and miscellaneous commodities advanced during the month.
Retail food prices in the country showed a drop of about one-half of one per cent from September to October but a rise of over three-tenths of one per cent as compared with a year before. In Philadelphia, food prices declined in the month and the year, while in Scranton they were 2 per cent higher than a year ago. Compared with the pre-war level, retail food prices were 57 per cent higher in the country, 60 per cent higher in Philadelphia, and 65 per cent higher in Scranton.

## BUSINESS CONDITIONS IN THE PHILADELPHIA FEDERAL RESERVE DISTRICT

|  | Prices | Demand | Unfilled orders compared with a year ago | Operations | Stocks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Retail trade | Little change | Active; increased |  |  | Increased seasonally but smaller than a year ago |
| Wholesale trade |  |  |  |  |  |
| Drugs | Little change | Active; increased |  |  |  |
| Dry Goods | Unchanged | Fair; increased |  |  | Smaller |
| Electrical supplies | Unchanged | Active; increased |  |  | Smatler |
| Groceries | Higher | Active; increased |  |  | Larger |
| Hardware .......... | Unchanged | Fair; increased |  |  | Smaller |
| Jewelry | Unchanged | Fair: little change |  |  | Smaller though above last year |
| Paper | Unchanged | Active: little change |  |  | Larger |
| Shoes | Little change | Fair; declined |  |  |  |
| Wool, raw ........ | Some advance | Active; increased | Larger |  | Smaller |
| Cotton yarns :...... | Higher | Fair; declined | Larger |  | Smaller |
| Iron and steel products | Higher | Active; increased | Larger | Increased | Larger though less than last year |
| Cotton | Little change | Active; increased | Larger than last month | Increased | Smaller |
| Silk | Some declines | Fair; increased for broadsilks | Slightly smaller | Increased in fabrics | Slightly larger |
| Wool ................ | Some advances | Fairly active; increased | Larger | Increased in spinning but not in weaving | Smaller |
| Hosiery | Unchanged | Good; increased | Larger than last month | Increased | Smaller |
| Carpets and rugs ..... | Little change | Active; increased | Larger | Increased | Smaller |
| Shoes ...... | Lower | Fair': some decline | Little change | Seasonal declines | Smaller |
| Leather-kid | Little change | Fair | Smaller | Little change | Some increase |
| Leather-sole ......... | Some decline | Fair | Smaller | Little change | Some increase |
| Paper ............... | Little change | $\begin{aligned} & \text { Fair; larger than a year } \\ & \text { ago } \end{aligned}$ | Smalier | Little change | Smaller |
| Cigars ............... | Little change | Active; increased | Smaller | Little change | Smaller |
| Brick | Unchanged | Fair | Little change | Little change | Smaller |
| Lumber-mills ....... | Some advances | Fair; some declines | Smaller | Little change | Smaller |
| Paint ................ | Some declines | Fairly good; ahead of last year | Larger | Some decline | Smaller |
| Plumbing supplies ... | Higher | Fair | Increased in month but | Some decline | Smaller than a year ago |
| Real estate ......... | Rents declined recently | Rather quiet | decreased in the year |  |  |
| Building ............. | Construction costs changed little | Fair | Value of permits decreased | Value of contracts increased |  |
| Anthracite <br> Bituminous coal | Higher | Good, increased <br> Fair: increased |  | $\begin{aligned} & \hline \text { Increased } \\ & \text { Increased } \\ & \hline \end{aligned}$ |  |

Page Eight

